

THE LANDING WASTEWATER TREATMENT FACILITY

WASTEWATER SYSTEM #150003331

ANNUAL WASTEWATER PERFORMANCE REPORT

PREPARED FOR
The Peterborough Standard Condominium Corporation No. 75

SUBMITTED BY
Ontario Clean Water Agency

Reporting Period of January 1 – December 31, 2025

Issued: March 31, 2026

Revision: 1

Operating Authority: Ontario Clean Water Agency (OCWA)

2025 Performance Report for The Landing WWTF

Amended Environmental Compliance Approval 4420-9QDKZ3, Section 4(2) requires the Performance Report to contain the following:

- (a)** a summary and interpretation of all monitoring data and a comparison to the effluent criteria outlined in Condition 4(2) and the effluent objectives outlined in Condition 5, including an overview of the success and adequacy of the Works;
- (b)** a tabulation of all monitoring and analytical results obtained during the reporting period, including sampling/monitoring location and date;
- (c)** a tabulation of the measures or estimated daily quantities of effluent disposed of through the subsurface disposal system during the reporting period;
- (d)** a summary of all maintenance carried out on any major structure, equipment, apparatus, mechanism or thing forming part of the Works;
- (e)** a description of any environmental or operating problems encountered at the site and any mitigative measures taken during the reporting period; and
- (f)** any other information the District Manager requires from time to time.

The following is a report from the records maintained by the Ontario Clean Water Agency (OCWA) for The Landing WWTF for 2025. The OCWA was the Operating Authority for the entire reporting period.

- a. Environmental Compliance Approval (ECA) Number 4420-9QDKZ3 requires a summary and interpretation of all monitoring data and a comparison to the effluent criteria outlined in Condition 4(2) and the effluent objectives outlined in Condition 5, including an overview of the success and adequacy of the Works;
- b. a tabulation of all monitoring and analytical results obtained during the reporting period, including sampling/monitoring location and date;

Attached as **Appendix I** is a copy of the 2025 Performance Assessment Report (PAR) for the Landing WWTF, for the facility’s final effluent, groundwater and lakewater. The PAR contains a tabulation of all sample results obtained during the reporting period, and a tabulation of daily flows.

The operator collects monthly effluent samples from the works, prior to the discharge to the subsurface disposal system. The collected effluent is then transferred to laboratory-supplied containers, placed on ice and delivered to SGS Lakefield for analysis of CBOD5, Total Suspended Solids (TSS), Total Phosphorus (TP), and Total Ammonia as Nitrogen (TAN), Nitrate and Nitrite.

Table 1 outlines the effluent criteria limits as set out in Section 4(2) of ECA No. 4420-9QDKZ3 as follows:

Table 1. Final Effluent Compliance Limits 2025

Effluent Parameters	Average Annual Effluent Concentration Limit (mg/L)	Average Annual Effluent Concentration Objective (mg/L)	Actual Average Annual Effluent Concentration (mg/L)	Limit Compliant (Y/N)	Objective Compliant (Y/N)
CBOD₅	15.0	10.0	6.25	Y	Y
TSS	15.0	10.0	7.83	Y	Y

Effluent Parameters	Each Result Effluent Concentration Limit (mg/L)	Each Result Effluent Concentration Objective (mg/L)	Actual Effluent Concentration (mg/L)	Limit Compliant (Y/N)	Objective Compliant (Y/N)
TP	1.0	1.0	0.63	Y	Y

As directed by the ECA, non-compliance with respect to CBOD and TSS occurs when the annual average concentration exceeds the limit concentration. Non-compliance with respect to TP occurs when any individual result exceeds the limit concentration.

Refer to **Appendix II: Laboratory Certificates**

Table 2. Historical Average Effluent Sewage Characteristics

Year	CBOD ₅ (mg/L)	TSS (mg/L)	TP (mg/L)
2021	2.58	3.25	1.00
2022	3.25	3.08	0.68
2023	3.00	5.47	1.19
2024	3.69	2.46	7.57
2025	6.25	7.83	0.63

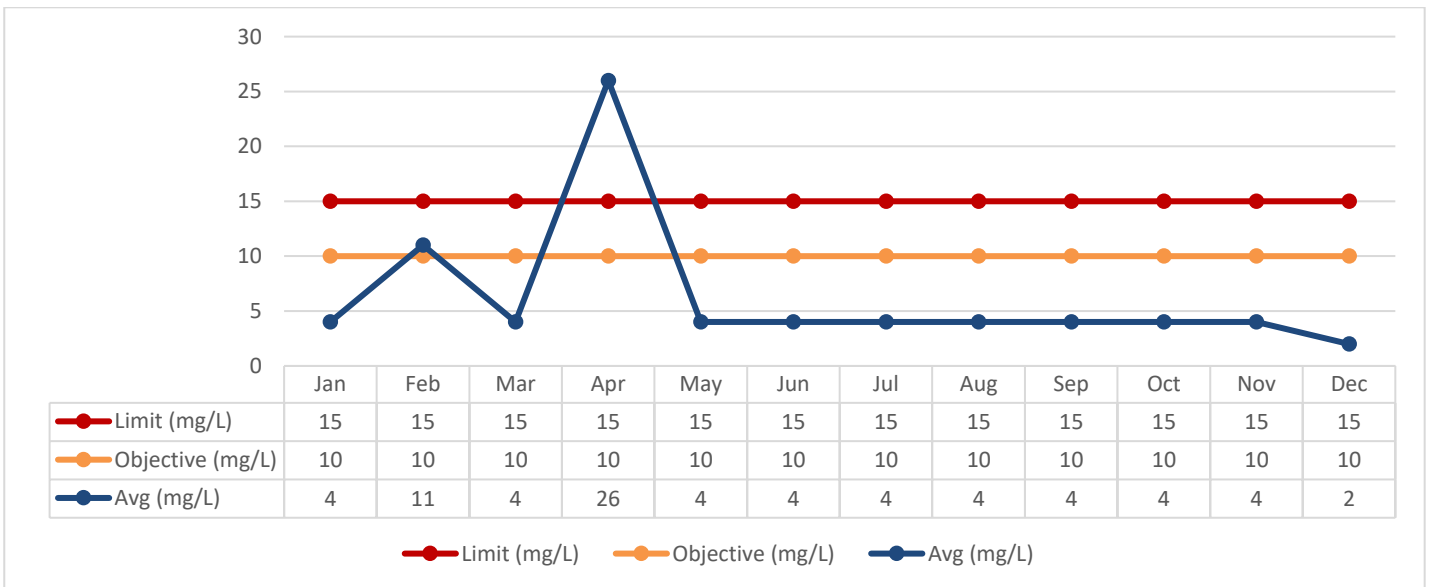
Table 2 shows the CBOD annual average has increased 40.96% from 2024 to 2025. The TSS annual average has increased 68.58% from 2024 to 2025. The TP annual average has decreased 91.68% from 2024 to 2025.

During the reporting period of 2025, The Landing WWTF final effluent met the compliance limits as prescribed in the ECA No. 4420-9QDKZ3 for CBOD₅, TSS and TP.

Carbonaceous Biochemical Oxygen Demand (CBOD₅)

ECA No. 4420-9QDKZ3 set the CBOD₅ annual average concentration limit at 15.0 mg/L and the annual average concentration objective at 10.0 mg/L. For 2025, the CBOD₅ annual average concentration was 6.25mg/L.

Graph 1. 2025 Monthly Final Effluent CBOD₅ Concentration Comparison

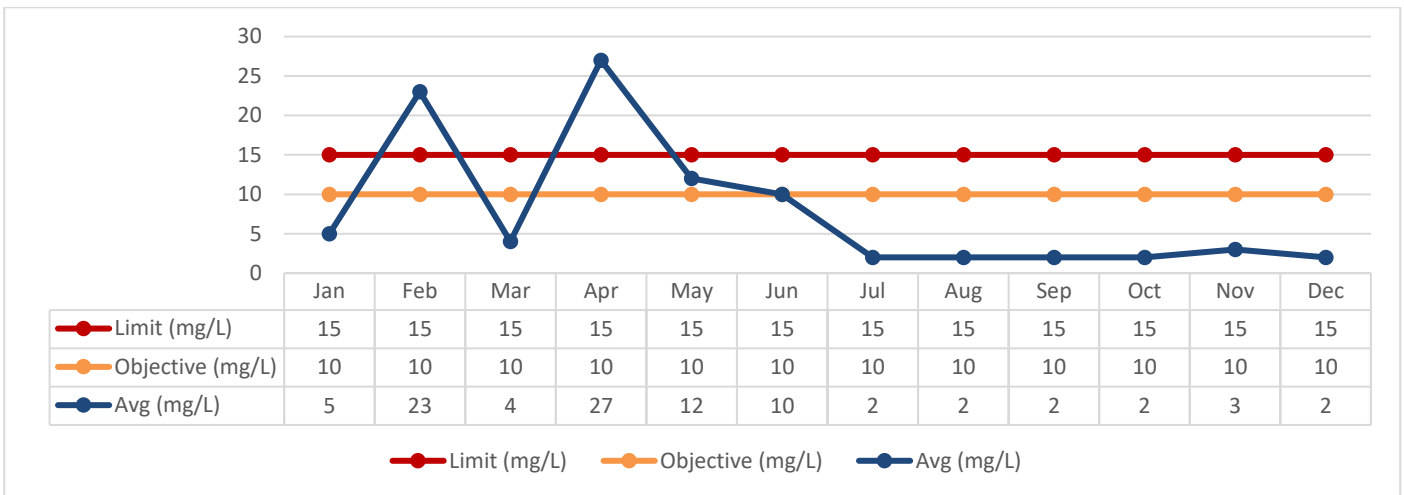


Note: In February 2025 the CBOD₅ result was above the objective and in April 2025 the CBOD₅ result was above the limit, but the annual average concentration objective and limit were met.

Total Suspended Solids (TSS)

ECA No. 4420-9QDKZ3 set the TSS annual average concentration limit at 15.0 mg/L and the annual average concentration objective at 10.0 mg/L. For 2025, the TSS annual average concentration was 7.83mg/L.

Graph 2. 2025 Monthly Final Effluent TSS Concentration Comparison

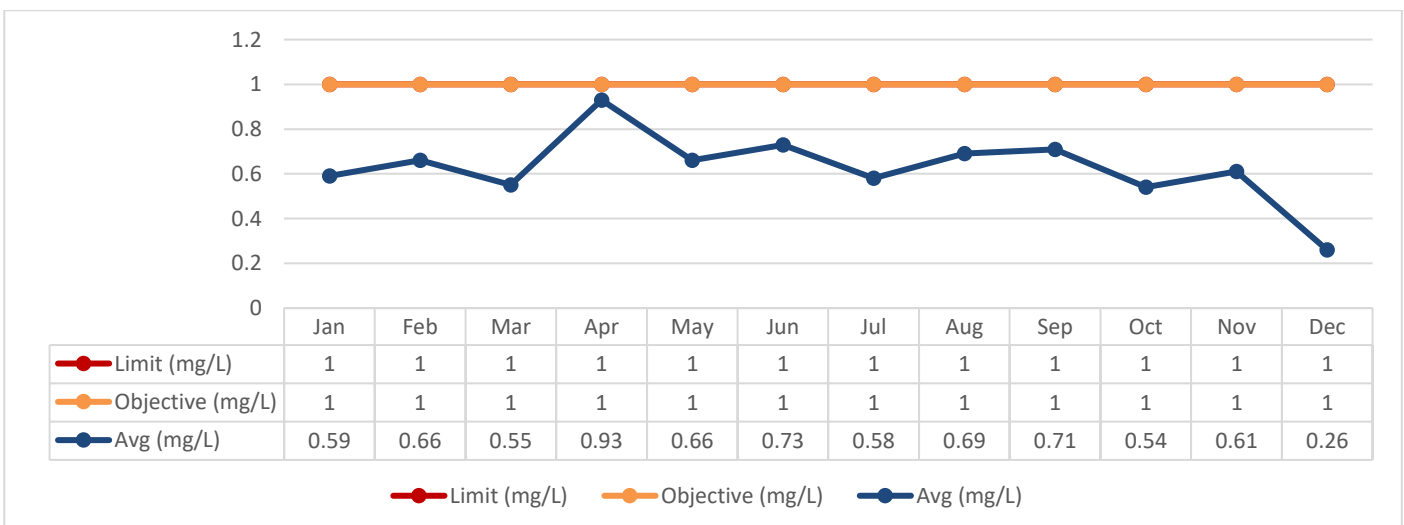


Note: In May 2025 the TSS result was above the objective and in February and April 2025 the TSS result was above the limit, but the annual average concentration objective and limit were met.

Total Phosphorus (TP)

ECA No. 4420-9QDKZ3 set the TP individual sample concentration and objective limit at 1.0 mg/L. For 2024, the TP annual average concentration was 0.63mg/L.

Graph 3. 2025 Monthly Final Effluent TP Concentration Comparison

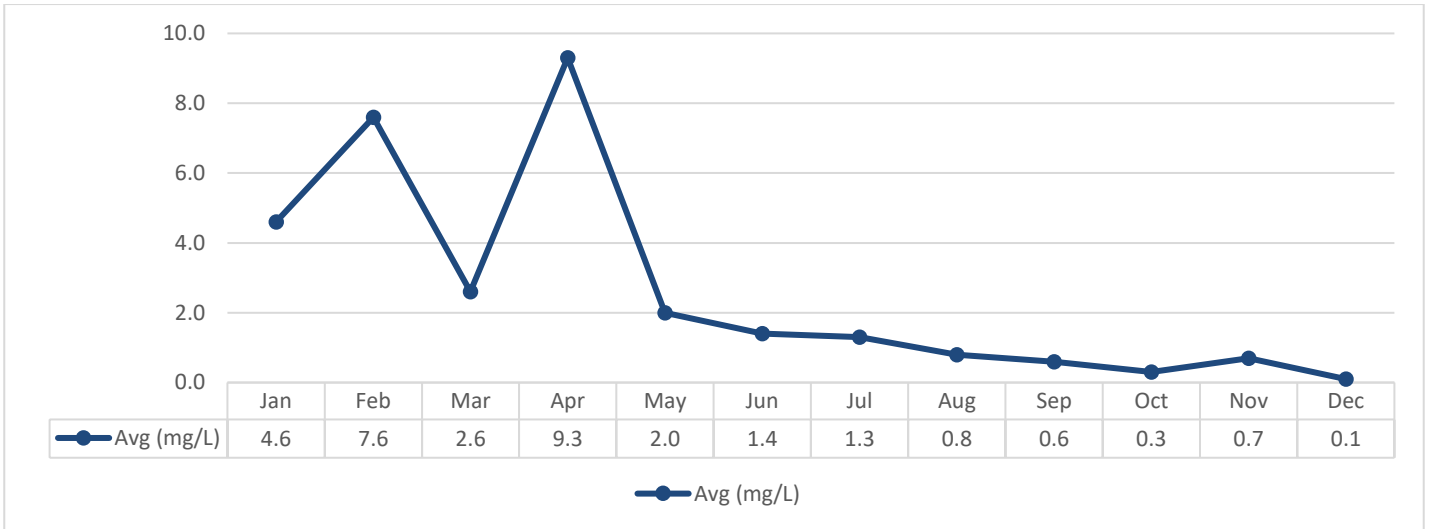


Additional Parameters

The following parameters were sampled as a requirement of ECA No. 4420-9QDKZ3. No concentration objectives or limits are indicated in the ECA for Total Ammonia Nitrogen (TAN), Nitrate and Nitrite.

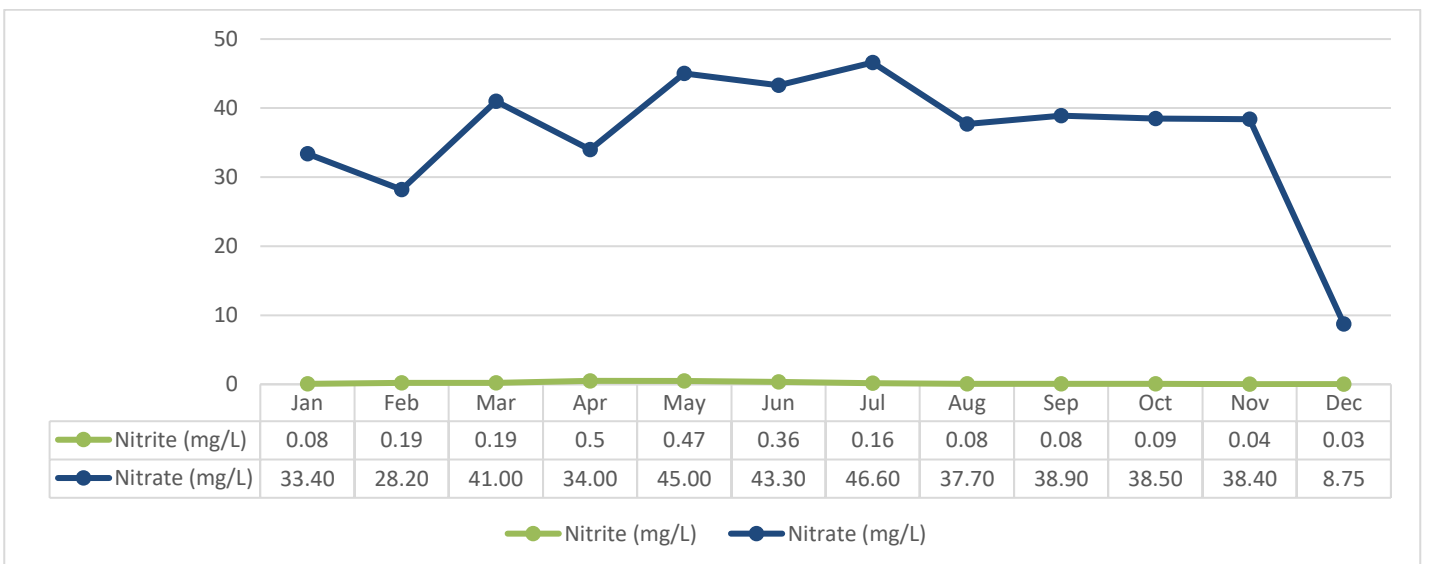
Total Ammonia Nitrogen (TAN)

Graph 4. 2025 Monthly Final Effluent TAN Concentration Comparison



Nitrate and Nitrite as Nitrogen

Graph 5. 2025 Monthly Final Effluent Nitrate and Nitrite Concentration Comparison



Groundwater Monitoring

Groundwater samples are collected monthly from a ¾" diameter shallow piezometer situated down gradient of the area bed, adjacent to Anstruther Lake.

ECA No. 4420-9QDKZ3 requires groundwater samples be analyzed for TP, Dissolved Reactive Phosphorus (DRP), nitrate and nitrite as (N). No concentration objectives or limits are indicated in the ECA, however it is expected that the TP found be less than 1.0 mg/L. The objective limits for nitrate+nitrite in groundwater is 10.0 mg/L per the Ontario Drinking Water Quality Standards.

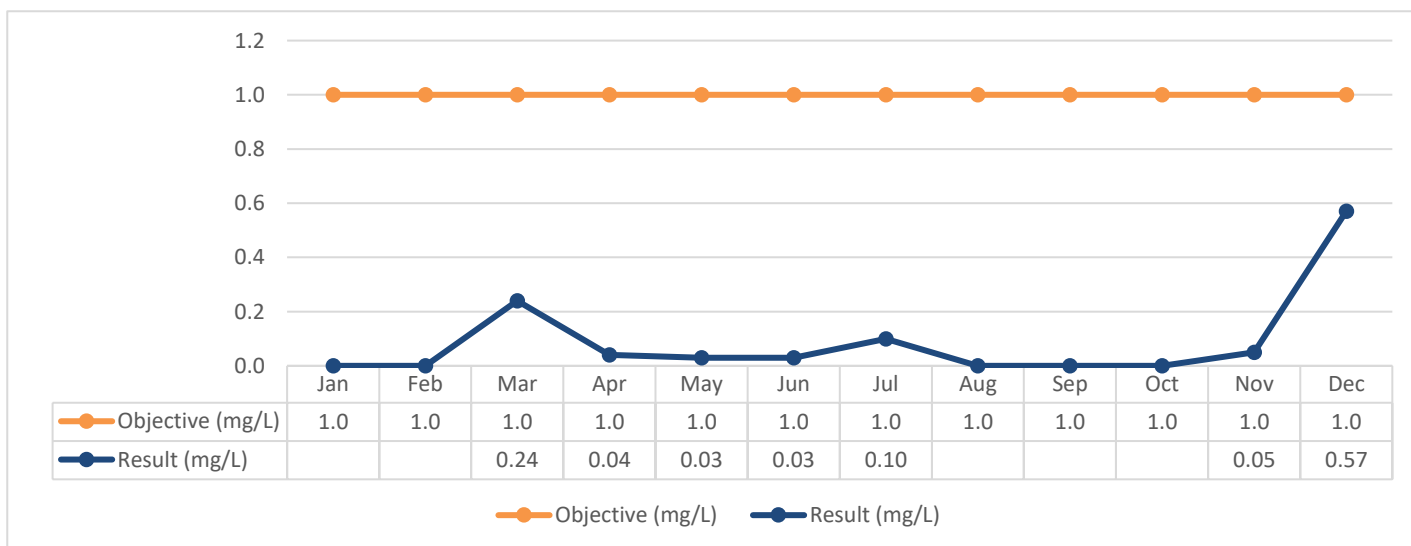
The groundwater sample could not be collected in January and February of 2025 as the well was frozen. The groundwater sample could not be collected in August, September and October of 2025 as the well was dry.

Table 3. Historical Average Groundwater Monitoring Characteristics

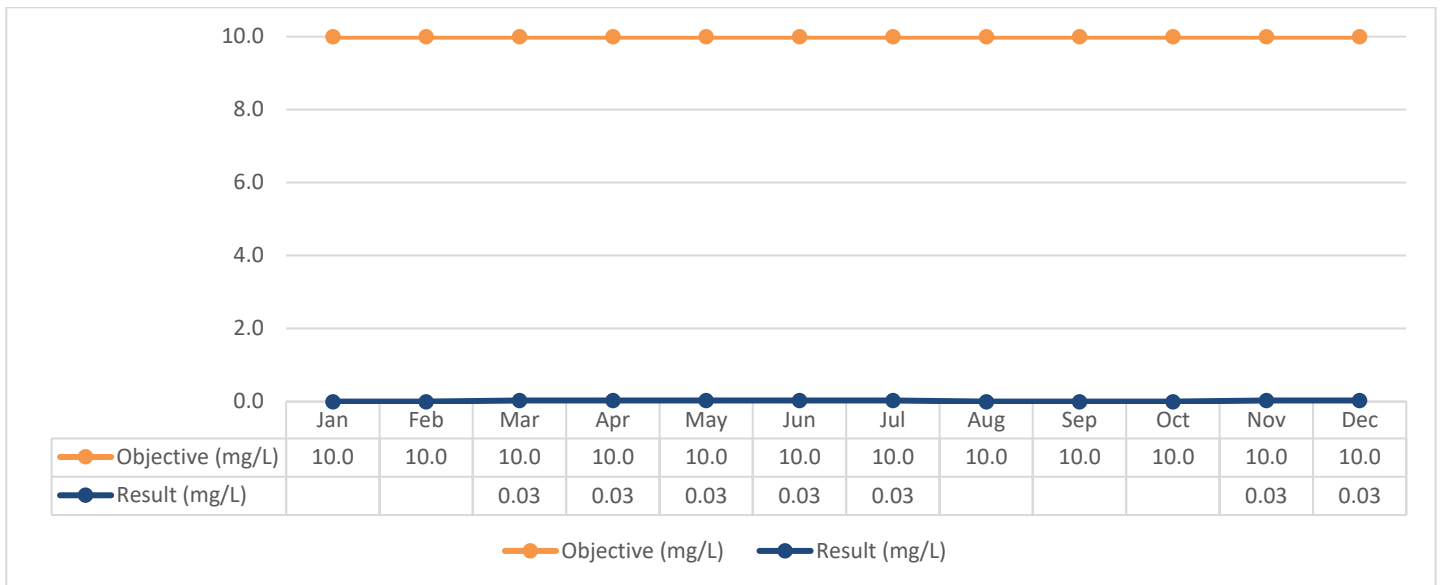
Year	Total Phosphorus (mg/L)	Dissolved Reactive Phosphorus (mg/L)	Nitrite (mg/L)	Nitrate (mg/L)
2021	0.03	0.03	0.03	3.04
2022	0.03	0.03	0.03	1.65
2023	0.195	0.03	0.1	3.72
2024	0.37	0.03	0.08	3.73
2025	0.15	0.03	0.07	3.68

Table 3 shows the DRP has remained consistent from 2021 to 2025. The 2025 annual average for Nitrate and Nitrite is consistent with 2024 results and the Total Phosphorus has decreased by 59.46%.

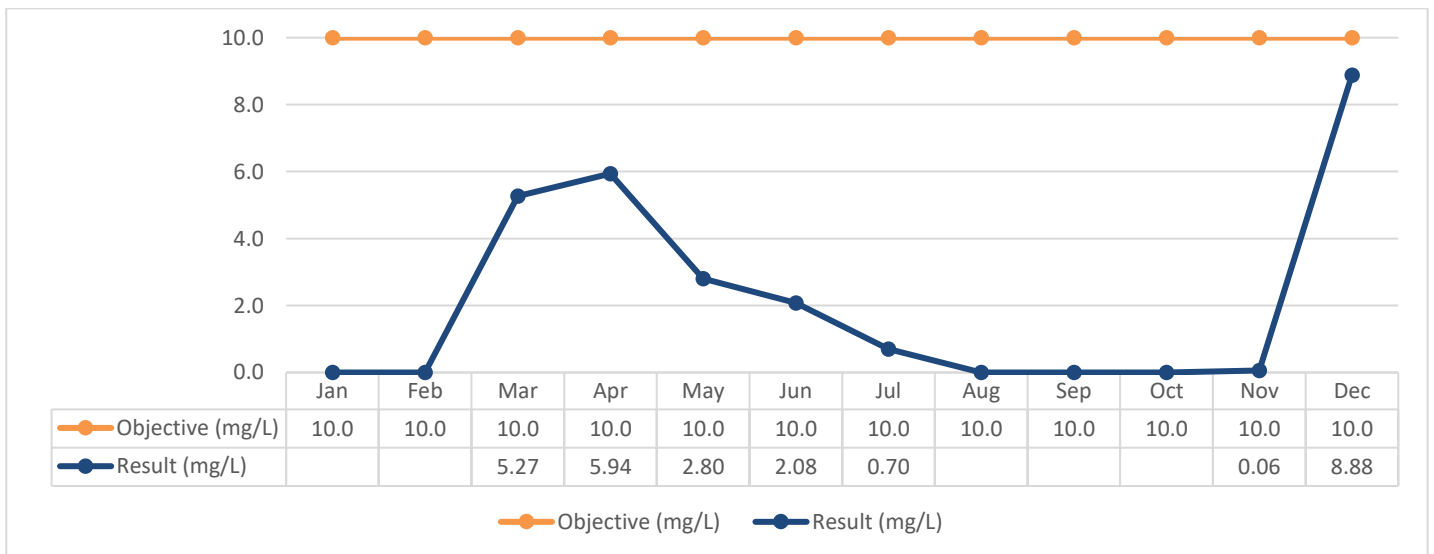
Graph 6. 2025 Monthly Groundwater TP Concentration Comparison



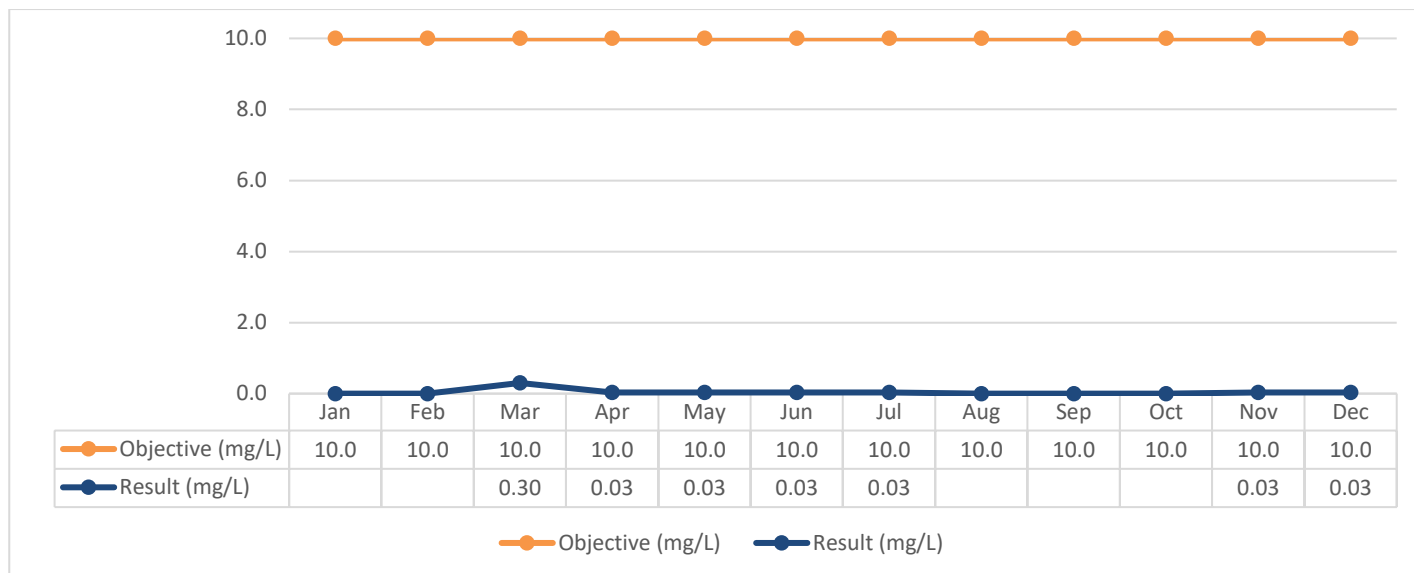
Graph 7. 2025 Monthly Groundwater DRP Concentration Comparison



Graph 8. 2025 Monthly Groundwater Nitrate as (N) Concentration Comparison



Graph 9. 2025 Monthly Groundwater Nitrite as (N) Concentration Comparison



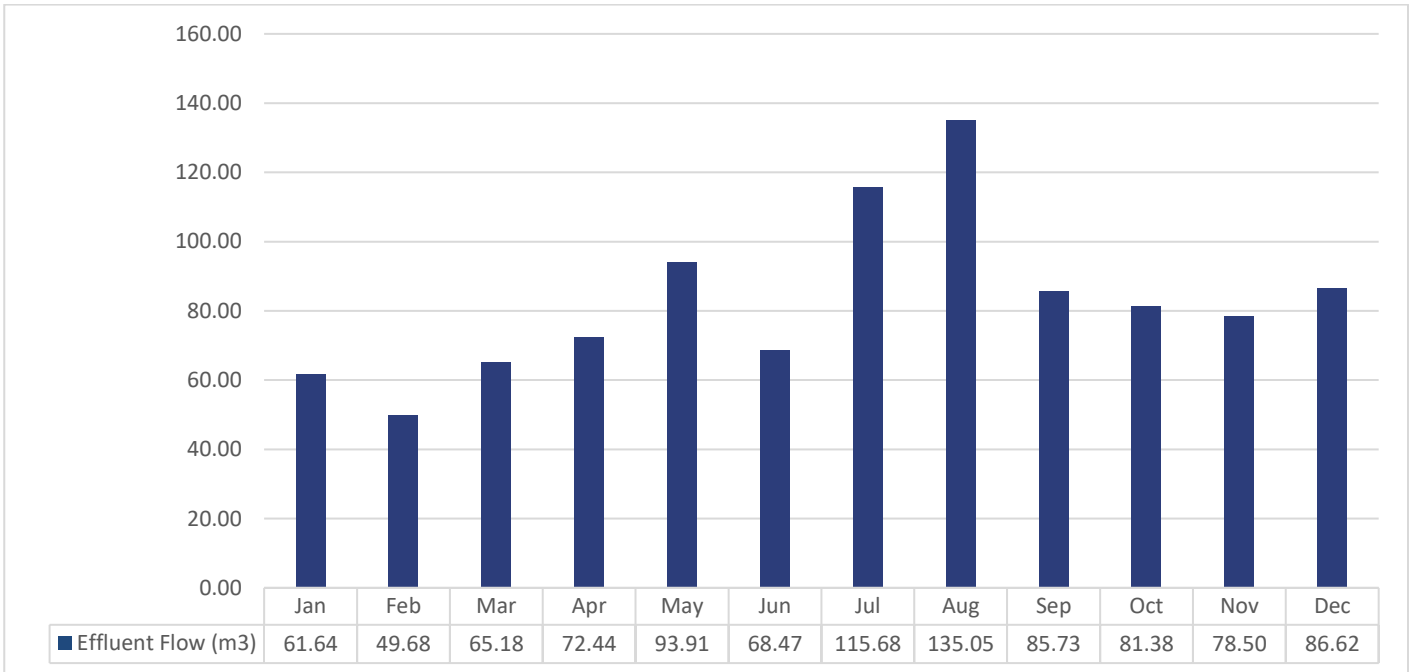
Note: Information from the accredited laboratory explained that the NO₂ peak was falling outside of their acceptance criteria for the chromatography. When this happens, there is often an interference from a lot of Chloride or an organic of some sort and they need to raise the limit to <0.30mg/L because they cannot definitively say there is <0.03mg/L.

- c. a tabulation of the measures or estimated daily quantities of effluent disposed of through the subsurface disposal system during the reporting period;

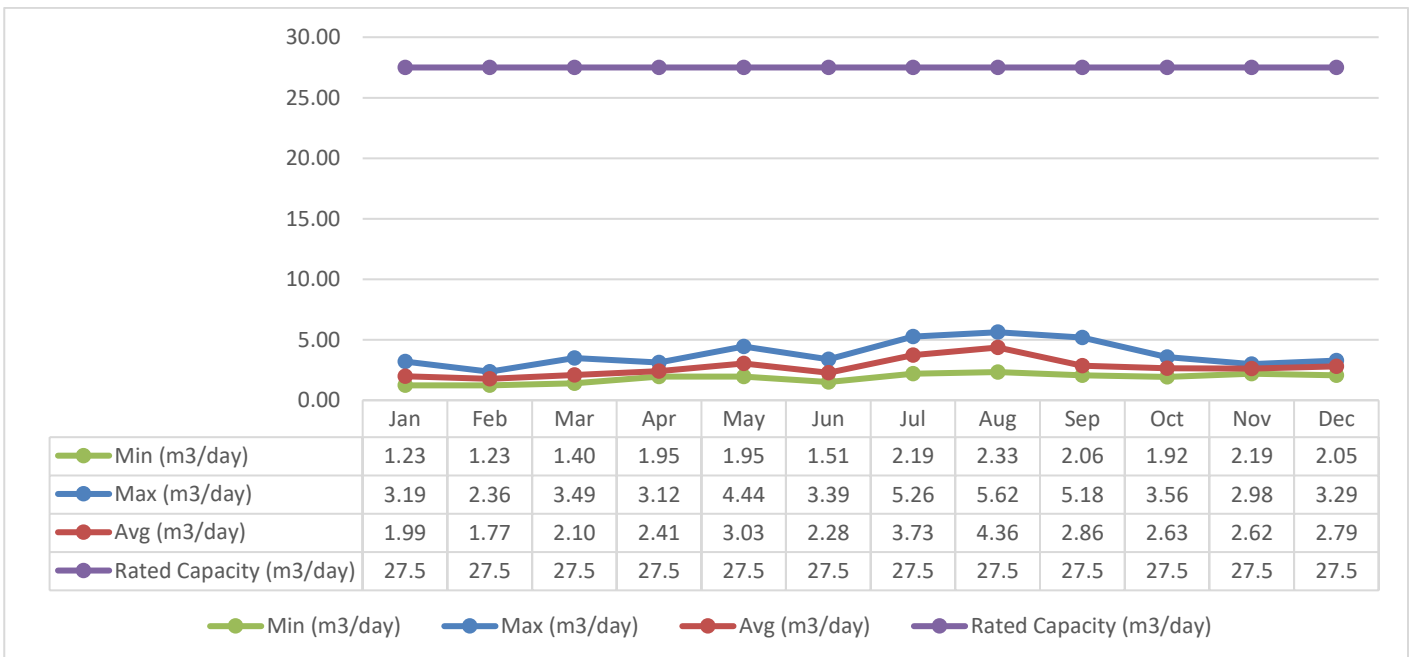
Condition 4(1) of the Environmental Compliance Approval requires the daily volume of effluent being discharged to the subsurface disposal system be measured and recorded. This is monitored and recorded by the operator based on pump cycles from the pumps in the lift chamber. Pumps in the lift chamber log each pump cycle, and the operator records the number of effluent discharge cycles. Each cycle is equivalent to 411 litres or 0.41 m³.

The ECA requires that everything practicable be undertaken to operate the WWTF so that the annual average daily effluent is within the Rated Capacity. The Rated Capacity of The Landing WWTF is 27,500 L/day or 27.5 m³/day. The 2025 annual average daily effluent flow was 2.72 m³/day or 9.89% of the Rated Capacity. The total Effluent flow in 2025 was 994.30 m³/day.

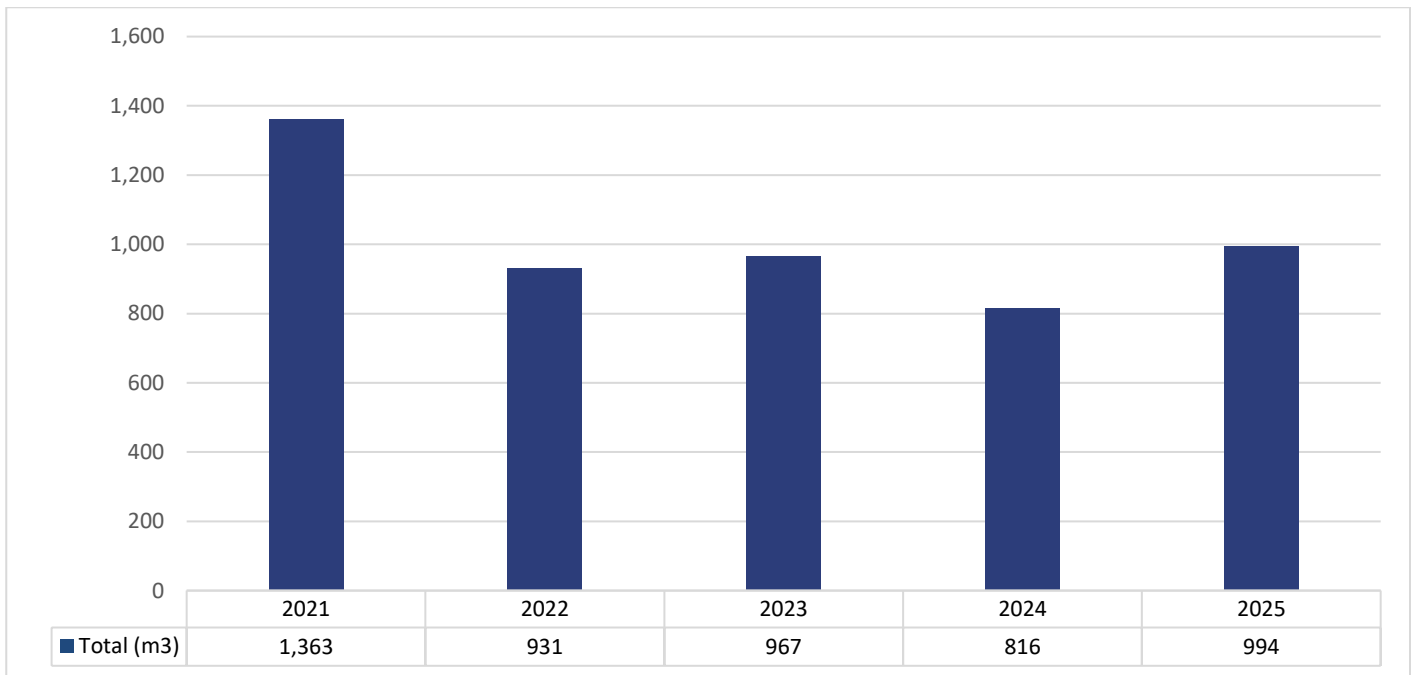
Graph 10. 2025 Effluent Monthly Flow Totals



Graph 11. 2025 Effluent Daily Minimum, Maximum and Average Flows



Graph 12. Historical Effluent Flows



Graph 12 shows the effluent flows for The Landing WWTF has increased 17.91% from 2024 to 2025.

Refer to **Appendix III: Daily Effluent Volumes**

- d. a summary of all maintenance carried out on any major, structure, equipment, apparatus, mechanism or thing forming part of the Works;

The operator routinely observes the condition of the sewage works and these observations are recorded in the e-logbook and maintained on site. These inspections include a review of the entire sewage works, inspection of all tanks and system operations equipment, and a review of sampling results. Minor maintenance and routine inspections were conducted by the operator on an as needed basis.

OCWA uses a Work Maintenance System (WMS). 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 preventive 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 IV: Operational Maintenance Records**

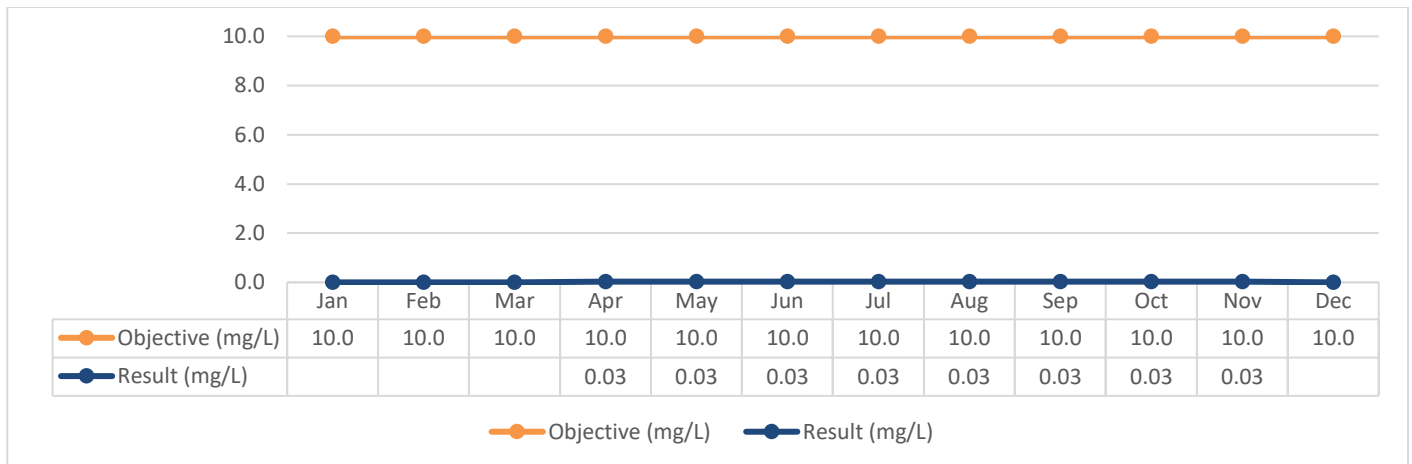
- e. a description of any environmental or operating problems encountered at the site and any measures taken during the reporting period;

Refer to **Appendix V: Abnormal Events** for details.

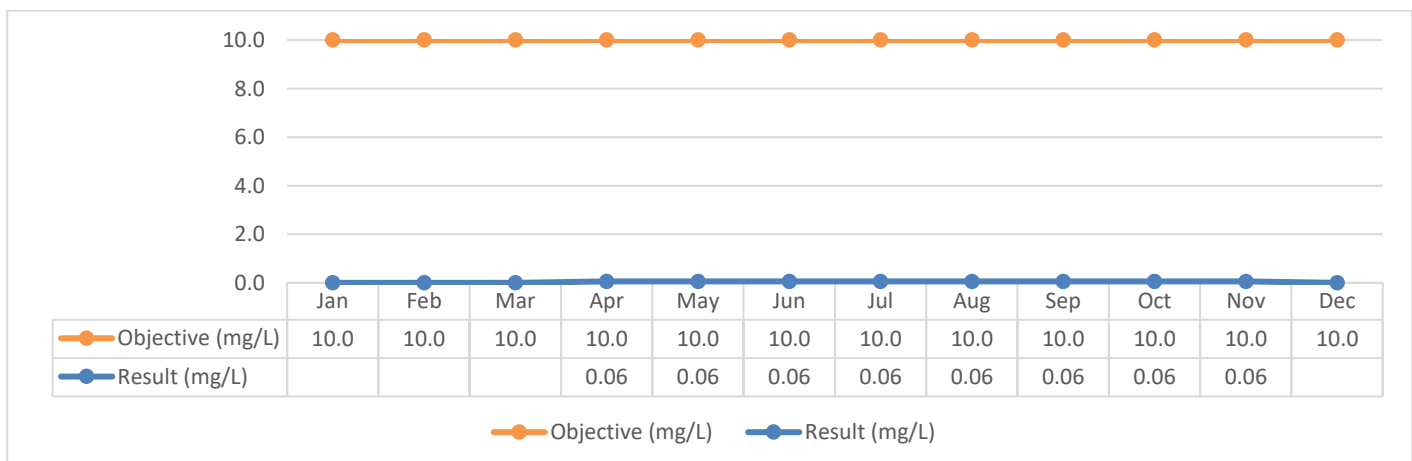
Lakewater Monitoring

In response to the Final Effluent Total Phosphorus ECA limit exceedance from 2022, the MECPC directed monthly lakewater samples be collected and tested for nitrate and nitrite. All results were below the objective limit for nitrate and nitrite. The lakewater samples could not be collected in January, February, March and December of 2025 as the lake and the area downstream of the groundwater sampling site was ice covered.

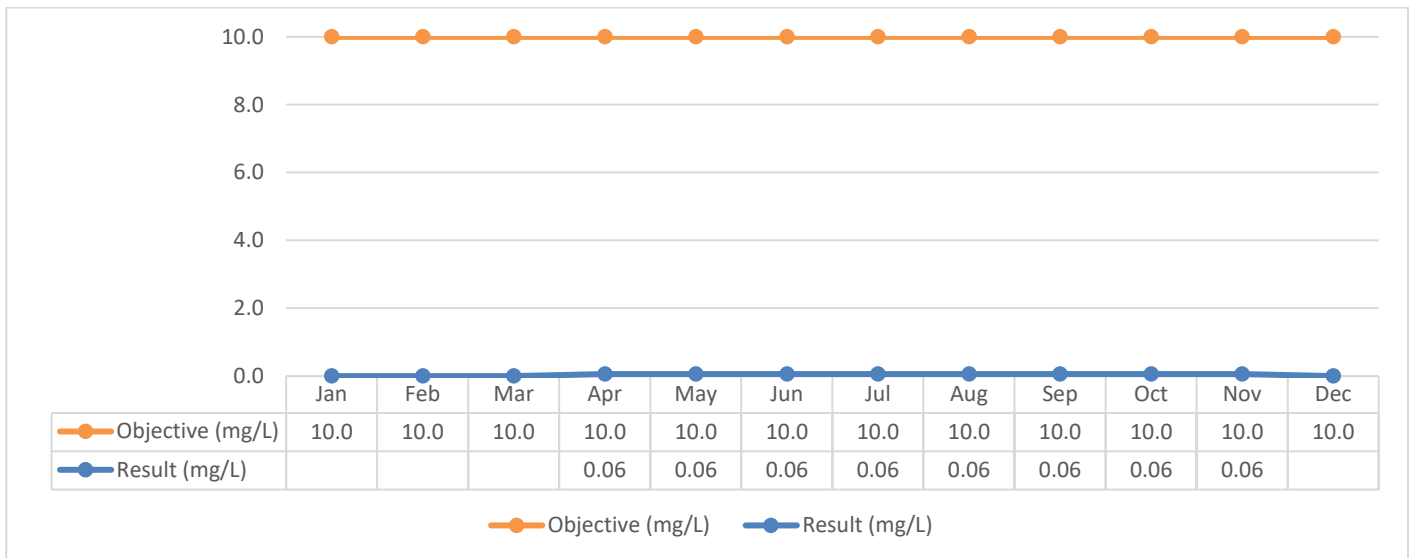
Graph 13. 2025 Monthly Lakewater Nitrite as (N) Concentration Comparison



Graph 14. 2025 Monthly Lakewater Nitrate as (N) Concentration Comparison



Graph 15. 2025 Monthly Lakewater Nitrate+Nitrite as (N) Concentration Comparison



(f) any other information the District Manager requires from time to time.

The District Manager has not requested any additional information be included in this report.



Ontario Clean Water Agency
Agence Ontarienne Des Eaux

Appendix I: Performance Assessment Report

1707 THE LANDING WASTEWATER TREATMENT FACILITY 1707

	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																
Eff. Flow: Total - Final Effluent m ³ /d	61.64	49.68	65.18	72.44	93.91	68.47	115.68	135.05	85.73	81.38	78.50	86.62	994.30			0.00
Eff. Flow: Avg - Final Effluent m ³ /d	1.99	1.77	2.10	2.41	3.03	2.28	3.73	4.36	2.86	2.63	2.62	2.79		2.72		
Eff. Flow: Max - Final Effluent m ³ /d	3.19	2.96	3.49	3.12	4.44	3.39	5.26	5.62	5.18	3.56	2.98	3.29			5.62	0.00
Eff Flow: Count - Final Effluent m ³ /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
Carbonaceous Biochemical Oxygen Demand: CBOD																
Eff: Avg cBOD5 - Final Effluent mg/L	< 4.00	11.00	< 4.00	26.00	< 4.00	< 4.00	< 4.00	< 4.00	< 4.00	< 4.00	< 4.00	< 2.00		< 6.26	< 26.00	25.00
Eff: # of samples of cBOD5 - Final Effluent	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	12.00			0.00
Loading: cBOD5 - Final Effluent kg/d	< 0.008	0.020	< 0.008	0.065	< 0.012	< 0.009	< 0.015	< 0.017	< 0.011	< 0.011	< 0.010	< 0.006		< 0.02	< 0.06	
Total Suspended Solids: TSS																
Eff: Avg TSS - Final Effluent mg/L	5.00	23.00	4.00	27.00	12.00	10.00	2.00	2.00	< 2.00	2.00	3.00	2.00		7.83	27.00	25.00
Eff: # of samples of TSS - Final Effluent	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	12.00			0.00
Loading: TSS - Final Effluent kg/d	0.010	0.041	0.008	0.065	0.036	0.023	0.007	0.009	< 0.006	0.005	0.008	0.006		0.02	0.07	
Total Phosphorus: TP																
Raw: Avg TP - Raw mg/L	0.00	0.00	0.00	7.06	8.52	8.94	7.74	8.27	10.00	8.34	6.48	6.87		8.02	10.00	0.00
Raw: # of samples of TP - Raw	0.00	0.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	9.00			0.00
Eff: Avg TP - Final Effluent mg/L	0.59	0.66	0.55	0.93	0.66	0.73	0.58	0.69	0.71	0.54	0.61	0.26		0.63	0.93	1.00
Eff: # of samples of TP - Final Effluent	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	12.00			0.00
Loading: TP - Final Effluent kg/d	0.001	0.001	0.001	0.002	0.002	0.002	0.002	0.002	0.002	0.001	0.002	0.001		0.00	0.00	
Percent Removal: TP - Raw %	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00
Nitrogen Series																
Eff: Avg TAN - Final Effluent mg/L	4.60	7.60	2.60	9.30	2.00	1.40	1.30	0.80	0.60	0.30	0.70	< 0.10		2.61	9.30	8.00
Eff: # of samples of TAN - Final Effluent	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	12.00			0.00
Loading: TAN - Final Effluent kg/d	0.009	0.013	0.005	0.022	0.006	0.003	0.005	0.003	0.002	0.001	0.002	< 0.000		0.01	0.02	
Eff: Avg NO3-N - Final Effluent mg/L	33.40	28.20	41.00	34.00	45.00	43.30	46.60	37.70	38.90	38.50	38.40	8.75		36.15	46.60	0.00
Eff: # of samples of NO3-N - Final Effluent	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	12.00			0.00
Eff: Avg NO2-N - Final Effluent mg/L	0.08	0.19	0.19	0.50	0.47	0.36	0.16	0.08	0.08	0.09	0.04	< 0.03		0.19	0.50	0.00
Eff: # of samples of NO2-N - Final Effluent	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	12.00			0.00

Customized Monthly Report

From 01/01/2025 to 12/31/2025

Facility Name: THE LANDING
WASTEWATER TREATMENT
FACILITY

Facility Org Number: 1707
Facility Owner:
Service Population:

Works: 1707
Facility Classification:
Total Design Capacity:



Groundwater	Mar 2025	Apr 2025	May 2025	Jun 2025	Jul 2025	Nov 2025	Dec 2025	2025				
								Total	Avg	Max	Min	
Dissolved Reactive Phosphorus (Orthophosphate) - mg/L												
Lab Count	1.00	1.00	1.00	1.00	1.00	1.00	1.00	7.00				
Lab Month.Max	< 0.03	< 0.03	< 0.03	< 0.03	< 0.03	< 0.03	< 0.03			<	0.03	
Lab Month.Mean	< 0.03	< 0.03	< 0.03	< 0.03	< 0.03	< 0.03	< 0.03		<	0.03		
Lab Month.Min	< 0.03	< 0.03	< 0.03	< 0.03	< 0.03	< 0.03	< 0.03					< 0.03
Nitrate + Nitrite as N: NO3-N + NO2-N - mg/L												
Lab Count	1.00	1.00	1.00	1.00	1.00	1.00	1.00	7.00				
Lab Month.Max	5.27	5.94	2.80	2.08	0.70	< 0.06	8.88				8.88	
Lab Month.Mean	5.27	5.94	2.80	2.08	0.70	< 0.06	8.88	<	3.68			
Lab Month.Min	5.27	5.94	2.80	2.08	0.70	< 0.06	8.88					< 0.06
Nitrite as N: NO2-N - mg/L												
Lab Count	1.00	1.00	1.00	1.00	1.00	1.00	1.00	7.00				
Lab Month.Max	< 0.30	< 0.03	< 0.03	< 0.03	< 0.03	< 0.03	< 0.03			<	0.30	
Lab Month.Mean	< 0.30	< 0.03	< 0.03	< 0.03	< 0.03	< 0.03	< 0.03		<	0.07		
Lab Month.Min	< 0.30	< 0.03	< 0.03	< 0.03	< 0.03	< 0.03	< 0.03					< 0.03
Nitrate as N: NO3-N - mg/L												
Lab Count	1.00	1.00	1.00	1.00	1.00	1.00	1.00	7.00				
Lab Month.Max	5.27	5.94	2.80	2.08	0.70	< 0.06	8.88				8.88	
Lab Month.Mean	5.27	5.94	2.80	2.08	0.70	< 0.06	8.88	<	3.68			
Lab Month.Min	5.27	5.94	2.80	2.08	0.70	< 0.06	8.88					< 0.06
Total Phosphorus: TP - mg/L												
Lab Count	1.00	1.00	1.00	1.00	1.00	1.00	1.00	7.00				
Lab Month.Max	0.24	0.04	< 0.03	< 0.03	0.10	0.05	0.57				0.57	
Lab Month.Mean	0.24	0.04	< 0.03	< 0.03	0.10	0.05	0.57	<	0.15			
Lab Month.Min	0.24	0.04	< 0.03	< 0.03	0.10	0.05	0.57					< 0.03

Customized Monthly Report

From 01/01/2025 to 12/31/2025

Facility Name: THE LANDING
WASTEWATER TREATMENT FACILITY
Receiver:

Facility Org Number: 1707
Facility Owner:
Service Population:

Works: 1707
Facility Classification:
Total Design Capacity:



Lake	2025										Total	Avg	Max	Min
	Apr 2025	May 2025	Jun 2025	Jul 2025	Aug 2025	Sep 2025	Oct 2025	Nov 2025						
Nitrate + Nitrite as N: NO3-N + NO2-N - mg/L														
Lab Count	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	8.00			
Lab Month.Max	< 0.06	< 0.06	< 0.06	< 0.06	< 0.06	< 0.06	< 0.06	< 0.06	< 0.06	< 0.06			< 0.06	
Lab Month.Mean	< 0.06	< 0.06	< 0.06	< 0.06	< 0.06	< 0.06	< 0.06	< 0.06	< 0.06	< 0.06	< 0.06			
Lab Month.Min	< 0.06	< 0.06	< 0.06	< 0.06	< 0.06	< 0.06	< 0.06	< 0.06	< 0.06	< 0.06				< 0.06
Nitrite as N: NO2-N - mg/L														
Lab Count	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	8.00			
Lab Month.Max	< 0.03	< 0.03	< 0.03	< 0.03	< 0.03	< 0.03	< 0.03	< 0.03	< 0.03	< 0.03			< 0.03	
Lab Month.Mean	< 0.03	< 0.03	< 0.03	< 0.03	< 0.03	< 0.03	< 0.03	< 0.03	< 0.03	< 0.03	< 0.03			
Lab Month.Min	< 0.03	< 0.03	< 0.03	< 0.03	< 0.03	< 0.03	< 0.03	< 0.03	< 0.03	< 0.03				< 0.03
Nitrate as N: NO3-N - mg/L														
Lab Count	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	8.00			
Lab Month.Max	< 0.06	< 0.06	< 0.06	< 0.06	< 0.06	< 0.06	< 0.06	< 0.06	< 0.06	< 0.06			< 0.06	
Lab Month.Mean	< 0.06	< 0.06	< 0.06	< 0.06	< 0.06	< 0.06	< 0.06	< 0.06	< 0.06	< 0.06	< 0.06			
Lab Month.Min	< 0.06	< 0.06	< 0.06	< 0.06	< 0.06	< 0.06	< 0.06	< 0.06	< 0.06	< 0.06				< 0.06



Ontario Clean Water Agency
Agence Ontarienne Des Eaux

Appendix II: Laboratory Certificates



SGS Canada Inc.

P.O. Box 4300 - 185 Concession St.
Lakefield - Ontario - K0L 2H0
Phone: 705-652-2000 FAX: 705-652-6365

Works #: 1707

Project : PO#017018

20-January-2025

OCWA-Kawartha (The Landing STP)

Attn : Julie Mather

Date Rec. : 14 January 2025

LR Report: CA13350-JAN25

1 Orde St.
Minden, ON
KOM 2K0, Canada

Copy: #1

Phone: 705-286-1142
Fax:

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					14-Jan-25 14:45
Temperature Upon Receipt [°C]	---	---	---	---	5.0
Carbonaceous Biochemical Oxygen Demand [(CBOD5) mg/L]	15-Jan-25	17:13	20-Jan-25	13:36	< 4
Total Suspended Solids [mg/L]	15-Jan-25	07:50	15-Jan-25	15:58	5
Phosphorus (total) [mg/L]	15-Jan-25	16:28	16-Jan-25	12:45	0.59
Ammonia+Ammonium (N) [as N mg/L]	15-Jan-25	09:04	16-Jan-25	13:46	4.6
Nitrite (as N) [mg/L]	14-Jan-25	21:24	15-Jan-25	10:22	0.08
Nitrate (as N) [mg/L]	14-Jan-25	21:24	16-Jan-25	09:53	33.4
Nitrate + Nitrite (as N) [mg/L]	14-Jan-25	21:24	16-Jan-25	09:53	33.5

Hawley Anderson, Hon.B.Sc
Project Specialist,
Environment, Health & Safety



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Phone: 705-652-2000 FAX: 705-652-6365

Works #: 1707

Project : PO#017018

18-February-2025

OCWA-Kawartha (The Landing STP)

Attn : Julie Mather

Date Rec. : 12 February 2025

LR Report: CA13403-FEB25

1 Orde St.
Minden, ON
KOM 2K0, Canada

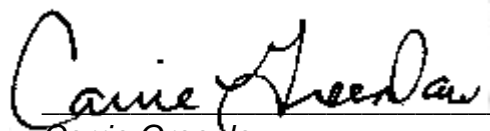
Copy: #1

Phone: 705-286-1142
Fax:

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-Effluent
Sample Date & Time					11-Feb-25 11:15
Temperature Upon Receipt [°C]	---	---	---	---	9.0
Carbonaceous Biochemical Oxygen Demand [(CBOD5) mg/L]	12-Feb-25	17:29	18-Feb-25	11:55	11
Total Suspended Solids [mg/L]	12-Feb-25	10:19	13-Feb-25	15:07	23
Phosphorus (total) [mg/L]	12-Feb-25	16:04	13-Feb-25	12:26	0.66
Ammonia+Ammonium (N) [as N mg/L]	13-Feb-25	07:29	14-Feb-25	10:05	7.6
Nitrite (as N) [mg/L]	12-Feb-25	12:15	13-Feb-25	13:59	0.19
Nitrate (as N) [mg/L]	12-Feb-25	12:15	13-Feb-25	13:59	28.2
Nitrate + Nitrite (as N) [mg/L]	12-Feb-25	12:15	13-Feb-25	13:59	28.4


 Carrie Greenlaw
 Project Specialist,
 Environment, Health & Safety



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Phone: 705-652-2000 FAX: 705-652-6365

Works #: 1707

Project : PO#017018

26-March-2025

OCWA-Kawartha (The Landing STP)

Attn : Julie Mather

Date Rec. : 20 March 2025

LR Report: CA13849-MAR25

1 Orde St.
Minden, ON
KOM 2K0, Canada

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Phone: 705-286-1142
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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	6: Well Well-Groundwater
Sample Date & Time					20-Mar-25 12:50	20-Mar-25 13:04
Temperature Upon Receipt [°C]	---	---	---	---	6.0	6.0
Carbonaceous Biochemical Oxygen Demand [(CBOD5) mg/L]	20-Mar-25	14:21	25-Mar-25	11:24	< 4	---
Total Suspended Solids [mg/L]	21-Mar-25	13:45	24-Mar-25	13:20	4	---
Phosphorus (total) [mg/L]	24-Mar-25	21:10	25-Mar-25	14:19	0.55	0.24
Phosphorus (dissolved reactive) [mg/L]	21-Mar-25	12:10	24-Mar-25	10:40	---	< 0.03
Ammonia+Ammonium (N) [as N mg/L]	21-Mar-25	21:37	24-Mar-25	12:45	2.6	---
Nitrite (as N) [mg/L]	22-Mar-25	16:42	25-Mar-25	12:40	0.19	< 0.3
Nitrate (as N) [mg/L]	22-Mar-25	16:42	25-Mar-25	12:40	41.0	5.27
Nitrate + Nitrite (as N) [mg/L]	22-Mar-25	16:42	25-Mar-25	12:40	41.2	5.27



Carrie Greenlaw
Project Specialist,
Environment, Health & Safety



SGS Canada Inc.
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Lakefield - Ontario - K0L 2H0
Phone: 705-652-2000 FAX: 705-652-6365

Works #: 1707
Project : PO#017018

OCWA-Kawartha (The Landing STP)

Attn : Julie Mather

23-April-2025

1 Orde St.
Minden, ON
KOM 2K0, Canada

Date Rec. : 17 April 2025
LR Report: CA12691-APR25

Copy: #1

Phone: 705-286-1142
Fax:

CERTIFICATE OF ANALYSIS

Final Report

Analysis	1:	2:	3:	4:	5:	6:	7:	8:
	Analysis Start Date	Analysis Start Time	Analysis Completed Date	Analysis Completed Time	Eff Eff-Effluent	Well Well-Groundwater	Down Down-Lakewater	Raw Raw-Influent
Sample Date & Time					17-Apr-25 13:04	17-Apr-25 13:18	17-Apr-25 13:24	17-Apr-25 13:52
Temperature Upon Receipt [°C]	---	---	---	---	14.0	14.0	14.0	14.0
Carbonaceous Biochemical Oxygen Demand [(CBOD5) mg/L]	17-Apr-25	19:37	22-Apr-25	12:32	26	---	---	---
Total Suspended Solids [mg/L]	21-Apr-25	15:37	23-Apr-25	11:48	27	---	---	---
Phosphorus (total) [mg/L]	21-Apr-25	20:54	22-Apr-25	14:10	0.93	0.04	---	7.06
Phosphorus (dissolved reactive) [mg/L]	21-Apr-25	13:36	22-Apr-25	10:20	---	< 0.03	---	---
Ammonia+Ammonium (N) [as N mg/L]	22-Apr-25	17:39	23-Apr-25	12:55	9.3	---	---	---
Nitrite (as N) [mg/L]	22-Apr-25	15:10	23-Apr-25	13:28	0.50	< 0.03	< 0.03	---
Nitrate (as N) [mg/L]	22-Apr-25	15:10	23-Apr-25	14:17	34.0	5.94	< 0.06	---
Nitrate + Nitrite (as N) [mg/L]	22-Apr-25	15:10	23-Apr-25	14:17	34.5	5.94	< 0.06	---

Hawley Anderson, Hon.B.Sc
Project Specialist,
Environment, Health & Safety



SGS Canada Inc.

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OCWA-Kawartha (The Landing STP)

Attn : Julie Mather

1 Orde St.
Minden, ON
KOM 2K0, Canada

Phone: 705-286-1142
Fax:

Works #: 1707
Project : PO#017018

21-May-2025

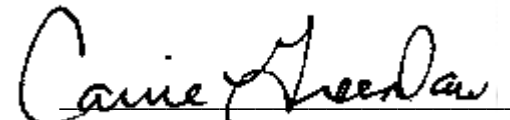
Date Rec. : 13 May 2025
LR Report: CA13622-MAY25

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	6: Well Well-Groundwater	7: Down Down-Lakewater	8: Raw Raw-Influent
Sample Date & Time					12-May-25 15:21	12-May-25 15:36	12-May-25 15:40	12-May-25 16:06
Temperature Upon Receipt [°C]	---	---	---	---	15.0	15.0	15.0	15.0
Carbonaceous Biochemical Oxygen Demand [(CBOD5) mg/L]	14-May-25	17:18	20-May-25	11:37	< 4	---	---	---
Total Suspended Solids [mg/L]	15-May-25	11:08	20-May-25	16:12	12	---	---	---
Phosphorus (total) [mg/L]	14-May-25	20:14	15-May-25	14:03	0.66	< 0.03	---	8.52
Phosphorus (dissolved reactive) [mg/L]	13-May-25	12:25	14-May-25	08:22	---	< 0.03	---	---
Ammonia+Ammonium (N) [as N mg/L]	14-May-25	17:45	15-May-25	12:55	2.0	---	---	---
Nitrite (as N) [mg/L]	16-May-25	22:28	20-May-25	14:06	0.47	< 0.03	< 0.03	---
Nitrate (as N) [mg/L]	16-May-25	22:28	20-May-25	14:06	45.0	2.80	< 0.06	---
Nitrate + Nitrite (as N) [mg/L]	16-May-25	22:28	20-May-25	14:06	45.5	2.80	< 0.06	---


 Carrie Greenlaw
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OCWA-Kawartha (The Landing STP)

**1 Orde St.
 Minden, ON
 KOM 2K0, Canada**

**Phone: 705-286-1142
 Fax:**

Works #: 1707
Project : PO#017018

24-June-2025

Date Rec. : 16 June 2025
LR Report: CA14747-JUN25

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-Effluent	6: Well Well-Groundwater	7: Down Down-Lakewater	8: Raw Raw-Influent
Sample Date & Time					16-Jun-25 13:10	16-Jun-25 13:30	16-Jun-25 13:20	16-Jun-25 13:37
Temperature Upon Receipt [°C]	---	---	---	---	22.0	22.0	22.0	22.0
Carbonaceous Biochemical Oxygen Demand [(CBOD5) mg/L]	17-Jun-25	16:15	23-Jun-25	13:11	< 4	---	---	---
Total Suspended Solids [mg/L]	18-Jun-25	09:29	18-Jun-25	16:32	10	---	---	---
Phosphorus (total) [mg/L]	18-Jun-25	15:09	19-Jun-25	13:54	0.73	< 0.03	---	8.94
Phosphorus (dissolved reactive) [mg/L]	18-Jun-25	14:13	19-Jun-25	08:47	---	< 0.03	---	---
Ammonia+Ammonium (N) [as N mg/L]	17-Jun-25	21:39	18-Jun-25	10:09	1.4	---	---	---
Nitrite (as N) [mg/L]	20-Jun-25	21:18	23-Jun-25	16:26	0.36	< 0.03	< 0.03	---
Nitrate (as N) [mg/L]	20-Jun-25	21:18	24-Jun-25	09:21	43.3	2.08	< 0.06	---
Nitrate + Nitrite (as N) [mg/L]	20-Jun-25	21:18	24-Jun-25	09:21	43.7	2.08	< 0.06	---



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Works #: 1707
Project : PO#017018

OCWA-Kawartha (The Landing STP)

**1 Orde St.
Minden, ON
KOM 2K0, Canada**

**Phone: 705-286-1142
Fax:**

24-July-2025

Date Rec. : 17 July 2025
LR Report: CA12610-JUL25

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-Effluent	6: Well Well-Groundwater	7: Down Down-Lakewater	8: Raw Raw-Influent
Sample Date & Time					17-Jul-25 14:02	17-Jul-25 14:13	17-Jul-25 14:19	17-Jul-25 14:32
Temperature Upon Receipt [°C]	---	---	---	---	27.0	27.0	27.0	27.0
Carbonaceous Biochemical Oxygen Demand [(CBOD5) mg/L]	18-Jul-25	17:10	23-Jul-25	14:02	< 4	---	---	---
Total Suspended Solids [mg/L]	18-Jul-25	07:44	21-Jul-25	13:24	2	---	---	---
Phosphorus (total) [mg/L]	17-Jul-25	22:06	18-Jul-25	10:40	0.58	0.10	---	7.74
Phosphorus (dissolved reactive) [mg/L]	18-Jul-25	10:58	21-Jul-25	08:05	---	< 0.03	---	---
Ammonia+Ammonium (N) [as N mg/L]	17-Jul-25	22:20	18-Jul-25	09:48	1.3	---	---	---
Nitrite (as N) [mg/L]	22-Jul-25	10:59	24-Jul-25	12:30	0.16	< 0.03	< 0.03	---
Nitrate (as N) [mg/L]	22-Jul-25	10:59	24-Jul-25	08:45	46.6	0.70	< 0.06	---
Nitrate + Nitrite (as N) [mg/L]	22-Jul-25	10:59	24-Jul-25	12:31	46.8	0.70	< 0.06	---



SGS Canada Inc.

P.O. Box 4300 - 185 Concession St.
Lakefield - Ontario - K0L 2H0
Phone: 705-652-2000 FAX: 705-652-6365

Works #: 1707

Project : PO#017018

25-August-2025

OCWA-Kawartha (The Landing STP)

**1 Orde St.
Minden, ON
KOM 2K0, Canada**

Date Rec. : 15 August 2025
LR Report: CA13703-AUG25

Copy: #1

Phone: 705-286-1142

Fax:

CERTIFICATE OF ANALYSIS

Final Report

Analysis	1:	2:	3:	4:	5:	6:	7:
	Analysis Start Date	Analysis Start Time	Analysis Completed Date	Analysis Completed Time	Eff Eff-Effluent	Down Down-Lakewater	Raw Raw-Influent
Sample Date & Time					15-Aug-25 11:55	15-Aug-25 12:14	15-Aug-25 12:23
Temperature Upon Receipt [°C]	---	---	---	---	26.0	26.0	26.0
Carbonaceous Biochemical Oxygen Demand [(CBOD5) mg/L]	18-Aug-25	15:41	25-Aug-25	11:21	< 4	---	---
Total Suspended Solids [mg/L]	18-Aug-25	12:51	19-Aug-25	14:27	2	---	---
Phosphorus (total) [mg/L]	18-Aug-25	14:56	19-Aug-25	10:26	0.69	---	8.27
Ammonia+Ammonium (N) [as N mg/L]	18-Aug-25	18:10	19-Aug-25	14:03	0.8	---	---
Nitrite (as N) [mg/L]	18-Aug-25	18:59	20-Aug-25	11:20	0.08	< 0.03	---
Nitrate (as N) [mg/L]	18-Aug-25	18:59	20-Aug-25	11:20	37.7	< 0.06	---
Nitrate + Nitrite (as N) [mg/L]	18-Aug-25	18:59	20-Aug-25	11:20	37.8	< 0.06	---

Hawley Anderson, Hon.B.Sc
Project Specialist,
Environment, Health & Safety



SGS Canada Inc.

P.O. Box 4300 - 185 Concession St.
Lakefield - Ontario - K0L 2H0
Phone: 705-652-2000 FAX: 705-652-6365

Works #: 1707

Project : PO#017018

24-September-2025

OCWA-Kawartha (The Landing STP)

**1 Orde St.
Minden, ON
KOM 2K0, Canada**

Date Rec. : 18 September 2025
LR Report: CA13831-SEP25

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Phone: 705-286-1142

Fax:

CERTIFICATE OF ANALYSIS

Final Report

Analysis	1:	2:	3:	4:	5:	6:	7:
	Analysis Start Date	Analysis Start Time	Analysis Completed Date	Analysis Completed Time	Eff Eff-Final Effluent	Down Down-Lakewater	Raw Raw-Influent
Sample Date & Time					18-Sep-25 13:35	18-Sep-25 14:02	18-Sep-25 14:13
Temperature Upon Receipt [°C]	---	---	---	---	22.0	22.0	22.0
Carbonaceous Biochemical Oxygen Demand [(CBOD5) mg/L]	19-Sep-25	15:48	24-Sep-25	11:48	< 4	---	---
Total Suspended Solids [mg/L]	19-Sep-25	07:45	19-Sep-25	14:42	< 2	---	---
Phosphorus (total) [mg/L]	19-Sep-25	14:45	22-Sep-25	11:07	0.71	---	10.0
Ammonia+Ammonium (N) [as N mg/L]	19-Sep-25	17:35	22-Sep-25	11:54	0.6	---	---
Nitrite (as N) [mg/L]	19-Sep-25	18:39	24-Sep-25	10:36	0.08	< 0.03	---
Nitrate (as N) [mg/L]	19-Sep-25	18:39	23-Sep-25	15:03	38.9	< 0.06	---
Nitrate + Nitrite (as N) [mg/L]	19-Sep-25	18:39	24-Sep-25	10:36	39.0	< 0.06	---

Hawley Anderson, Hon.B.Sc
Project Specialist,
Environment, Health & Safety



SGS Canada Inc.

P.O. Box 4300 - 185 Concession St.
Lakefield - Ontario - KOL 2H0
Phone: 705-652-2000 FAX: 705-652-6365

Works #: 1707

Project : PO#017018

30-October-2025

OCWA-Kawartha (The Landing STP)

**1 Orde St.
Minden, ON
KOM 2K0, Canada**

Date Rec. : 22 October 2025

LR Report: CA13998-OCT25

Copy: #1

Phone: 705-286-1142

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CERTIFICATE OF ANALYSIS

Final Report

Analysis	1:	2:	3:	4:	5:	6:	7:
	Analysis Start Date	Analysis Start Time	Analysis Completed Date	Analysis Completed Time	Eff Eff-Effluent	Down Down-Lakewater	Raw Raw-Influent
Sample Date & Time					22-Oct-25 12:34	22-Oct-25 12:55	22-Oct-25 13:05
Temperature Upon Receipt [°C]	---	---	---	---	13.0	13.0	13.0
Carbonaceous Biochemical Oxygen Demand [(CBOD5) mg/L]	23-Oct-25	17:06	28-Oct-25	11:41	< 4	---	---
Total Suspended Solids [mg/L]	24-Oct-25	09:00	25-Oct-25	10:54	2	---	---
Phosphorus (total) [mg/L]	27-Oct-25	15:33	28-Oct-25	16:55	0.54	---	8.34
Ammonia+Ammonium (N) [as N mg/L]	23-Oct-25	19:13	24-Oct-25	14:14	0.3	---	---
Nitrite (as N) [mg/L]	29-Oct-25	00:50	30-Oct-25	13:44	0.09	< 0.03	---
Nitrate (as N) [mg/L]	29-Oct-25	00:50	30-Oct-25	13:49	38.5	< 0.06	---
Nitrate + Nitrite (as N) [mg/L]	29-Oct-25	00:50	30-Oct-25	13:49	38.6	< 0.06	---

*Hawley Anderson, Hon.B.Sc
Project Specialist,
Environment, Health & Safety*



SGS Canada Inc.
P.O. Box 4300 - 185 Concession St.
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Phone: 705-652-2000 FAX: 705-652-6365

Works #: 1707
Project : PO#017018

OCWA-Kawartha (The Landing STP)

**1 Orde St.
Minden, ON
KOM 2K0, Canada**

**Phone: 705-286-1142
Fax:**

19-November-2025

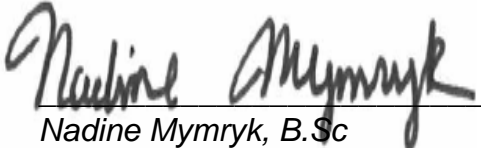
Date Rec. : 13 November 2025
LR Report: CA12459-NOV25

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-Effluent	6: Well Well - Groundwater	7: Down Down-Lakewater	8: Raw Raw-Influent
Sample Date & Time					13-Nov-25 14:16	13-Nov-25 14:27	13-Nov-25 14:38	13-Nov-25 14:47
Temperature Upon Receipt [°C]	---	---	---	---	8.0	8.0	8.0	8.0
Carbonaceous Biochemical Oxygen Demand [(CBOD5) mg/L]	14-Nov-25	16:26	19-Nov-25	12:14	< 4	---	---	---
Total Suspended Solids [mg/L]	14-Nov-25	13:10	17-Nov-25	15:44	3	---	---	---
Phosphorus (total) [mg/L]	14-Nov-25	15:35	17-Nov-25	13:20	0.61	0.05	---	6.48
Phosphorus (dissolved reactive) [mg/L]	14-Nov-25	08:56	17-Nov-25	11:51	---	< 0.03	---	---
Ammonia+Ammonium (N) [as N mg/L]	17-Nov-25	06:42	17-Nov-25	15:36	0.7	---	---	---
Nitrite (as N) [mg/L]	15-Nov-25	12:49	17-Nov-25	16:00	0.04	< 0.03	< 0.03	---
Nitrate (as N) [mg/L]	15-Nov-25	12:49	17-Nov-25	18:50	38.4	< 0.06	< 0.06	---
Nitrate + Nitrite (as N) [mg/L]	15-Nov-25	12:49	17-Nov-25	18:50	38.4	< 0.06	< 0.06	---


Nadine Mymryk, B.Sc
Project Specialist,
Environment, Health & Safety



SGS Canada Inc.
 P.O. Box 4300 - 185 Concession St.
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 Phone: 705-652-2000 FAX: 705-652-6365

Works #: 1707
Project : PO#017018

24-December-2025

OCWA-Kawartha (The Landing STP)

**1 Orde St.
 Minden, ON
 KOM 2K0, Canada**

Date Rec. : 18 December 2025
LR Report: CA13702-DEC25

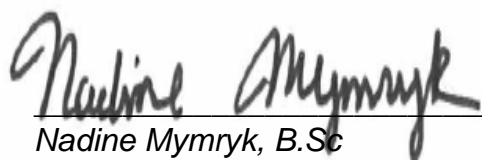
Copy: #1

**Phone: 705-286-1142
 Fax:**

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-Effluent	6: Well Well-Groundwater	7: Raw Raw-Influent
Sample Date & Time					18-Dec-25 13:40	18-Dec-25 13:52	18-Dec-25 14:11
Temperature Upon Receipt [°C]	---	---	---	---	7.0	7.0	7.0
Carbonaceous Biochemical Oxygen Demand [(CBOD5) mg/L]	19-Dec-25	16:44	24-Dec-25	10:27	< 2	---	---
Total Suspended Solids [mg/L]	19-Dec-25	10:17	22-Dec-25	07:49	2	---	---
Phosphorus (total) [mg/L]	22-Dec-25	16:14	23-Dec-25	12:53	0.26	0.57	6.87
Phosphorus (dissolved reactive) [mg/L]	19-Dec-25	14:48	22-Dec-25	11:41	---	< 0.03	---
Ammonia+Ammonium (N) [as N mg/L]	19-Dec-25	20:13	22-Dec-25	13:21	< 0.1	---	---
Nitrite (as N) [mg/L]	19-Dec-25	17:06	22-Dec-25	11:43	< 0.03	< 0.03	---
Nitrate (as N) [mg/L]	19-Dec-25	17:06	22-Dec-25	11:43	8.75	8.88	---
Nitrate + Nitrite (as N) [mg/L]	19-Dec-25	17:06	22-Dec-25	11:43	8.75	8.88	---



Nadine Mymryk, B.Sc
 Project Specialist,
 Environment, Health & Safety



Ontario Clean Water Agency
Agence Ontarienne Des Eaux

Appendix III: Daily Effluent Volumes

Customized Daily Vertical Report

From 01/01/2025 to 01/31/2025

Facility Name: THE LANDING WASTEWATER
TREATMENT FACILITY
Receiver:

Facility Org Number: 1707
Facility Owner:
Service Population:

Works: 1707
Facility Classification:
Total Design Capacity:



	Final Effluent
	Flow - m ³ /d
	IH Edited
01/01/2025	3.19
01/02/2025	3.19
01/03/2025	2.33
01/04/2025	2.33
01/05/2025	2.33
01/06/2025	2.16
01/07/2025	2.16
01/08/2025	2.16
01/09/2025	2.16
01/10/2025	2.47
01/11/2025	2.47
01/12/2025	2.47
01/13/2025	2.47
01/14/2025	1.64
01/15/2025	1.64
01/16/2025	1.64
01/17/2025	1.51
01/18/2025	1.51
01/19/2025	1.51
01/20/2025	1.23
01/21/2025	1.23
01/22/2025	1.23
01/23/2025	1.75
01/24/2025	1.75
01/25/2025	1.75
01/26/2025	1.75
01/27/2025	1.78
01/28/2025	1.78
01/29/2025	1.78
01/30/2025	2.16
01/31/2025	2.16
Total	61.64
Avg	1.99
Max	3.19
Min	1.23

Customized Daily Vertical Report

From 02/01/2025 to 02/28/2025

Facility Name: THE LANDING WASTEWATER
TREATMENT FACILITY
Receiver:

Facility Org Number: 1707
Facility Owner:
Service Population:

Works: 1707
Facility Classification:
Total Design Capacity:



	Final Effluent
	Flow - m ³ /d
	IH Edited
02/01/2025	2.16
02/02/2025	2.16
02/03/2025	1.95
02/04/2025	1.95
02/05/2025	1.95
02/06/2025	1.95
02/07/2025	2.36
02/08/2025	2.36
02/09/2025	2.36
02/10/2025	2.36
02/11/2025	1.23
02/12/2025	1.23
02/13/2025	1.23
02/14/2025	1.48
02/15/2025	1.48
02/16/2025	1.48
02/17/2025	1.48
02/18/2025	1.48
02/19/2025	1.64
02/20/2025	1.64
02/21/2025	1.78
02/22/2025	1.78
02/23/2025	1.78
02/24/2025	1.64
02/25/2025	1.64
02/26/2025	1.64
02/27/2025	1.73
02/28/2025	1.73
Total	49.68
Avg	1.77
Max	2.36
Min	1.23

Customized Daily Vertical Report

From 03/01/2025 to 03/31/2025

Facility Name: THE LANDING WASTEWATER
TREATMENT FACILITY
Receiver:

Facility Org Number: 1707
Facility Owner:
Service Population:

Works: 1707
Facility Classification:
Total Design Capacity:



	Final Effluent
	Flow - m ³ /d
	IH Edited
03/01/2025	1.73
03/02/2025	1.73
03/03/2025	1.73
03/04/2025	1.78
03/05/2025	1.78
03/06/2025	1.78
03/07/2025	2.26
03/08/2025	2.26
03/09/2025	2.26
03/10/2025	2.26
03/11/2025	1.85
03/12/2025	1.85
03/13/2025	3.49
03/14/2025	3.49
03/15/2025	3.49
03/16/2025	3.49
03/17/2025	1.78
03/18/2025	1.78
03/19/2025	1.78
03/20/2025	2.47
03/21/2025	2.47
03/22/2025	2.47
03/23/2025	2.47
03/24/2025	2.47
03/25/2025	1.64
03/26/2025	1.64
03/27/2025	1.40
03/28/2025	1.40
03/29/2025	1.40
03/30/2025	1.40
03/31/2025	1.40
Total	65.18
Avg	2.10
Max	3.49
Min	1.40

Customized Daily Vertical Report

From 04/01/2025 to 04/30/2025

Facility Name: THE LANDING WASTEWATER TREATMENT FACILITY
Receiver:

Facility Org Number: 1707
Facility Owner:
Service Population:

Works: 1707
Facility Classification:
Total Design Capacity:



	Final Effluent	
	Flow - m ³ /d	
	IH Edited	
04/01/2025		2.74
04/02/2025		2.74
04/03/2025		2.74
04/04/2025		2.19
04/05/2025		2.19
04/06/2025		2.19
04/07/2025		2.06
04/08/2025		2.06
04/09/2025		2.06
04/10/2025		2.06
04/11/2025		2.06
04/12/2025		2.06
04/13/2025		2.06
04/14/2025		2.74
04/15/2025		2.74
04/16/2025		2.74
04/17/2025		3.12
04/18/2025		3.12
04/19/2025		3.12
04/20/2025		3.12
04/21/2025		3.12
04/22/2025		2.33
04/23/2025		2.33
04/24/2025		2.33
04/25/2025		2.19
04/26/2025		2.19
04/27/2025		2.19
04/28/2025		1.95
04/29/2025		1.95
04/30/2025		1.95
Total		72.44
Avg		2.41
Max		3.12
Min		1.95

-1 :

More than one value reported/day

Extracted: 3/31/2026 12:57:07 PM

Total Execution: 3.93 seconds

User: OCWA\\CampbeEI, URL: /Customized Reports

Customized Daily Vertical Report

From 05/01/2025 to 05/31/2025

Facility Name: THE LANDING WASTEWATER
TREATMENT FACILITY
Receiver:

Facility Org Number: 1707
Facility Owner:
Service Population:

Works: 1707
Facility Classification:
Total Design Capacity:



	Final Effluent
	Flow - m ³ /d
	IH Edited
05/01/2025	1.95
05/02/2025	3.29
05/03/2025	3.29
05/04/2025	3.29
05/05/2025	2.74
05/06/2025	2.74
05/07/2025	2.74
05/08/2025	2.36
05/09/2025	2.36
05/10/2025	2.36
05/11/2025	2.36
05/12/2025	2.60
05/13/2025	2.60
05/14/2025	2.60
05/15/2025	4.44
05/16/2025	4.44
05/17/2025	4.44
05/18/2025	4.44
05/19/2025	4.44
05/20/2025	2.47
05/21/2025	2.47
05/22/2025	2.98
05/23/2025	2.98
05/24/2025	2.98
05/25/2025	2.98
05/26/2025	2.47
05/27/2025	2.47
05/28/2025	2.47
05/29/2025	3.39
05/30/2025	3.39
05/31/2025	3.39
Total	93.91
Avg	3.03
Max	4.44
Min	1.95

-1 :

More than one value reported/day
Extracted: 3/31/2026 12:57:21 PM

Total Execution: 30.94 seconds
User: OCWA\\CampbeEI, URL: /Customized Reports

Customized Daily Vertical Report

From 06/01/2025 to 06/30/2025

Facility Name: THE LANDING WASTEWATER TREATMENT FACILITY
Receiver:

Facility Org Number: 1707
Facility Owner:
Service Population:

Works: 1707
Facility Classification:
Total Design Capacity:



	Final Effluent
	Flow - m ³ /d
	IH Edited
06/01/2025	3.39
06/02/2025	2.33
06/03/2025	2.33
06/04/2025	2.33
06/05/2025	2.88
06/06/2025	2.88
06/07/2025	2.88
06/08/2025	2.88
06/09/2025	2.16
06/10/2025	2.16
06/11/2025	2.16
06/12/2025	2.16
06/13/2025	2.33
06/14/2025	2.33
06/15/2025	2.33
06/16/2025	1.64
06/17/2025	1.64
06/18/2025	1.64
06/19/2025	1.85
06/20/2025	1.85
06/21/2025	1.85
06/22/2025	1.85
06/23/2025	1.51
06/24/2025	1.51
06/25/2025	1.51
06/26/2025	2.98
06/27/2025	2.98
06/28/2025	2.98
06/29/2025	2.98
06/30/2025	2.19
Total	68.47
Avg	2.28
Max	3.39
Min	1.51

-1 :

More than one value reported/day

Extracted: 3/31/2026 12:58:15 PM

Total Execution: 2.47 seconds

User: OCWA\\CampbeEI, URL: /Customized Reports

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Customized Daily Vertical Report

From 07/01/2025 to 07/31/2025

Facility Name: THE LANDING WASTEWATER
TREATMENT FACILITY
Receiver:

Facility Org Number: 1707
Facility Owner:
Service Population:

Works: 1707
Facility Classification:
Total Design Capacity:



	Final Effluent
	Flow - m ³ /d
	IH Edited
07/01/2025	2.19
07/02/2025	2.19
07/03/2025	2.47
07/04/2025	2.47
07/05/2025	2.47
07/06/2025	2.47
07/07/2025	3.15
07/08/2025	3.15
07/09/2025	3.15
07/10/2025	4.73
07/11/2025	4.73
07/12/2025	4.73
07/13/2025	4.73
07/14/2025	3.43
07/15/2025	3.43
07/16/2025	3.43
07/17/2025	4.32
07/18/2025	4.32
07/19/2025	4.32
07/20/2025	4.32
07/21/2025	2.74
07/22/2025	2.74
07/23/2025	2.74
07/24/2025	4.11
07/25/2025	4.11
07/26/2025	4.11
07/27/2025	4.11
07/28/2025	5.21
07/29/2025	5.21
07/30/2025	5.21
07/31/2025	5.26
Total	115.68
Avg	3.73
Max	5.26
Min	2.19

-1 :

More than one value reported/day
Extracted: 3/31/2026 12:58:29 PM

Total Execution: 2.97 seconds
User: OCWA\\CampbeEI, URL: /Customized Reports

Customized Daily Vertical Report

From 08/01/2025 to 08/31/2025

Facility Name: THE LANDING WASTEWATER
TREATMENT FACILITY
Receiver:

Facility Org Number: 1707
Facility Owner:
Service Population:

Works: 1707
Facility Classification:
Total Design Capacity:



	Final Effluent
	Flow - m ³ /d
	IH Edited
08/01/2025	5.26
08/02/2025	5.26
08/03/2025	5.26
08/04/2025	5.26
08/05/2025	4.52
08/06/2025	4.32
08/07/2025	4.32
08/08/2025	5.62
08/09/2025	5.62
08/10/2025	5.62
08/11/2025	3.90
08/12/2025	3.90
08/13/2025	3.90
08/14/2025	3.90
08/15/2025	4.66
08/16/2025	4.66
08/17/2025	4.66
08/18/2025	2.33
08/19/2025	2.33
08/20/2025	2.33
08/21/2025	3.70
08/22/2025	3.70
08/23/2025	3.70
08/24/2025	3.70
08/25/2025	3.97
08/26/2025	3.97
08/27/2025	3.97
08/28/2025	5.18
08/29/2025	5.18
08/30/2025	5.18
08/31/2025	5.18
Total	135.05
Avg	4.36
Max	5.62
Min	2.33

Customized Daily Vertical Report

From 09/01/2025 to 09/30/2025

Facility Name: THE LANDING WASTEWATER TREATMENT FACILITY
Receiver:

Facility Org Number: 1707
Facility Owner:
Service Population:

Works: 1707
Facility Classification:
Total Design Capacity:



	Final Effluent	
	Flow - m ³ /d	
	IH Edited	
09/01/2025		5.18
09/02/2025		3.56
09/03/2025		3.56
09/04/2025		3.56
09/05/2025		3.56
09/06/2025		3.56
09/07/2025		3.56
09/08/2025		2.16
09/09/2025		2.16
09/10/2025		2.16
09/11/2025		2.16
09/12/2025		3.43
09/13/2025		3.43
09/14/2025		3.43
09/15/2025		2.74
09/16/2025		2.74
09/17/2025		2.74
09/18/2025		2.67
09/19/2025		2.67
09/20/2025		2.67
09/21/2025		2.67
09/22/2025		2.19
09/23/2025		2.19
09/24/2025		2.19
09/25/2025		2.67
09/26/2025		2.67
09/27/2025		2.67
09/28/2025		2.67
09/29/2025		2.06
09/30/2025		2.06
Total		85.73
Avg		2.86
Max		5.18
Min		2.06

-1 :

More than one value reported/day

Extracted: 3/31/2026 12:59:40 PM

Total Execution: 2.57 seconds

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Customized Daily Vertical Report

From 10/01/2025 to 10/31/2025

Facility Name: THE LANDING WASTEWATER
TREATMENT FACILITY
Receiver:

Facility Org Number: 1707
Facility Owner:
Service Population:

Works: 1707
Facility Classification:
Total Design Capacity:



	Final Effluent
	Flow - m ³ /d
	IH Edited
10/01/2025	2.05
10/02/2025	2.05
10/03/2025	3.42
10/04/2025	3.42
10/05/2025	3.42
10/06/2025	2.47
10/07/2025	2.47
10/08/2025	2.47
10/09/2025	2.47
10/10/2025	2.88
10/11/2025	2.88
10/12/2025	2.88
10/13/2025	2.88
10/14/2025	2.33
10/15/2025	2.33
10/16/2025	2.33
10/17/2025	3.56
10/18/2025	3.56
10/19/2025	3.56
10/20/2025	2.05
10/21/2025	2.05
10/22/2025	2.47
10/23/2025	2.47
10/24/2025	2.60
10/25/2025	2.60
10/26/2025	2.60
10/27/2025	1.92
10/28/2025	1.92
10/29/2025	1.92
10/30/2025	2.67
10/31/2025	2.67
Total	81.38
Avg	2.63
Max	3.56
Min	1.92

Customized Daily Vertical Report

From 11/01/2025 to 11/30/2025

Facility Name: THE LANDING WASTEWATER TREATMENT FACILITY
Receiver:

Facility Org Number: 1707
Facility Owner:
Service Population:

Works: 1707
Facility Classification:
Total Design Capacity:



	Final Effluent
	Flow - m ³ /d
	IH Edited
11/01/2025	2.67
11/02/2025	2.67
11/03/2025	2.60
11/04/2025	2.60
11/05/2025	2.60
11/06/2025	2.77
11/07/2025	2.77
11/08/2025	2.77
11/09/2025	2.77
11/10/2025	2.19
11/11/2025	2.19
11/12/2025	2.19
11/13/2025	2.98
11/14/2025	2.98
11/15/2025	2.98
11/16/2025	2.98
11/17/2025	2.60
11/18/2025	2.60
11/19/2025	2.60
11/20/2025	2.26
11/21/2025	2.26
11/22/2025	2.26
11/23/2025	2.26
11/24/2025	2.47
11/25/2025	2.47
11/26/2025	2.47
11/27/2025	2.88
11/28/2025	2.88
11/29/2025	2.88
11/30/2025	2.88
Total	78.50
Avg	2.62
Max	2.98
Min	2.19

Customized Daily Vertical Report

From 12/01/2025 to 12/31/2025

Facility Name: THE LANDING WASTEWATER
TREATMENT FACILITY
Receiver:

Facility Org Number: 1707
Facility Owner:
Service Population:

Works: 1707
Facility Classification:
Total Design Capacity:



	Final Effluent
	Flow - m ³ /d
	IH Edited
12/01/2025	2.74
12/02/2025	2.74
12/03/2025	2.74
12/04/2025	2.05
12/05/2025	2.05
12/06/2025	2.05
12/07/2025	2.05
12/08/2025	2.88
12/09/2025	2.88
12/10/2025	2.88
12/11/2025	2.88
12/12/2025	3.01
12/13/2025	3.01
12/14/2025	3.01
12/15/2025	3.29
12/16/2025	3.29
12/17/2025	3.29
12/18/2025	2.98
12/19/2025	2.98
12/20/2025	2.98
12/21/2025	2.98
12/22/2025	3.08
12/23/2025	3.08
12/24/2025	2.55
12/25/2025	2.55
12/26/2025	2.55
12/27/2025	2.55
12/28/2025	2.55
12/29/2025	2.98
12/30/2025	2.98
12/31/2025	2.98
Total	86.62
Avg	2.79
Max	3.29
Min	2.05

-1 :

More than one value reported/day

Extracted: 3/31/2026 1:01:40 PM

Total Execution: 3.71 seconds

User: OCWA\\CampbeEI, URL: /Customized Reports



Ontario Clean Water Agency
Agence Ontarienne Des Eaux

Appendix IV:
Operational Maintenance Records

Work Order	Description	Location	Asset	Status	Work Type	Classification	Target Start	Reported Date	PM
4319180	Daily Operational Activities (1y) - 1707 - KTC	1707-WWTL		COMP	PM	INSPECTION	1/1/25 12:00 AM	1/1/25 12:19 PM	37839
4319853	Chemical Feed System Insp (1m) - 1707 - KTC	1707-WWTL		CLOSE	PM	INSPECTION	1/1/25 12:00 AM	1/1/25 12:28 PM	38269
4367399	Chemical Feed System Insp (1m) - 1707 - KTC	1707-WWTL		CLOSE	PM	INSPECTION	2/1/25 12:00 AM	2/1/25 10:59 AM	38269
4411945	Tank Wetwell Level Equipment Inspection (6m) - 1707- KTC	1707-WWTL		CLOSE	PM	INSPECTION	3/1/25 12:00 AM	3/1/25 8:03 AM	38266
4411947	Chemical Feed System Insp (1m) - 1707 - KTC	1707-WWTL		CLOSE	PM	INSPECTION	3/1/25 12:00 AM	3/1/25 8:03 AM	38269
4464403	Chemical Feed System Insp (1m) - 1707 - KTC	1707-WWTL		CLOSE	PM	INSPECTION	4/1/25 12:00 AM	4/1/25 10:21 AM	38269
4522056	Chemical Feed System Insp (1m) - 1707 - KTC	1707-WWTL		CLOSE	PM	INSPECTION	5/1/25 12:00 AM	5/1/25 12:01 PM	38269
4590503	Chemical Feed System Insp (1m) - 1707 - KTC	1707-WWTL		CLOSE	PM	INSPECTION	6/1/25 12:00 AM	6/1/25 9:51 AM	38269
4655642	Chemical Feed System Insp (1m) - 1707 - KTC	1707-WWTL		CLOSE	PM	INSPECTION	7/3/25 12:00 AM	7/3/25 8:59 PM	38269
4693922	Chemical Feed System Insp (1m) - 1707 - KTC	1707-WWTL		CLOSE	PM	INSPECTION	8/1/25 12:00 AM	8/1/25 6:42 PM	38269
4744725	Tank Wetwell Level Equipment Inspection (6m) - 1707- KTC	1707-WWTL		CLOSE	PM	INSPECTION	9/1/25 12:00 AM	9/1/25 7:59 PM	38266
4744727	Chemical Feed System Insp (1m) - 1707 - KTC	1707-WWTL		CLOSE	PM	INSPECTION	9/1/25 12:00 AM	9/1/25 7:59 PM	38269
4790238	Chemical Feed System Insp (1m) - 1707 - KTC	1707-WWTL		CLOSE	PM	INSPECTION	10/1/25 12:00 AM	10/1/25 1:30 PM	38269
4847732	Chemical Feed System Insp (1m) - 1707 - KTC	1707-WWTL		CLOSE	PM	INSPECTION	11/1/25 12:00 AM	11/1/25 1:00 AM	38269
4893043	Chemical Feed System Insp (1m) - 1707 - KTC	1707-WWTL		COMP	PM	INSPECTION	12/1/25 12:00 AM	12/1/25 12:00 AM	38269

Date	Effluent Flow					Coagulant			Operator Initials
	One Count = 411L					Dosing Point Check	Clean Coagulant Injector	Coagulant Pump Setting	
	Pump 1 Count	Flow L	Pump 2 Count	Flow L	Total Flow L				
1		1644		1541.25	3185.25				AC
2		1644		1541.25	3185.25				AC
3	511	1096	1935	1233	2329			7	AC
4		1096		1233	2329				AC
5		1096		1233	2329				AC
6	519	1130.25	1944	1027.5	2157.75			7	AC
7		1130.25		1027.5	2157.75				AC
8		1130.25		1027.5	2157.75				AC
9		1130.25		1027.5	2157.75				AC
10	530	1233	1954	1233	2466			7	AC
11		1233		1233	2466				AC
12		1233		1233	2466				AC
13		1233		1233	2466				AC
14	542	822	1966	822	1644			7	AC
15		822		822	1644				AC
16		822		822	1644				AC
17	548	685	1972	822	1507			7	AC
18		685		822	1507				AC
19		685		822	1507				AC
20	553	685	1978	548	1233			7	AC
21		685		548	1233				AC
22		685		548	1233				AC
23	558	822	1982	924.75	1746.75			7	AC
24		822		924.75	1746.75				AC
25		822		924.75	1746.75				AC
26		822		924.75	1746.75				AC
27	566	959	1991	822	1781			7	AC
28		959		822	1781				AC
29		959		822	1781				AC
30	573	1027.5	1997	1130.25	2157.75	✓		7	AC
31		1027.5		1130.25	2157.75				AC

Naico Tank level

5/8 → F AC

7/8 AC

5/8 → F AC

3/4

5/8 → F AC

7/8 AC

3/4 → F AC

7/8

3/4 → F AC

Enter all data eg. If pump not running enter 0. 6th 1027.5 Revision Date: February 23, 2024

Revision: 1



Date	Effluent Flow					Coagulant			Operator Initials
	One Count = 411L					Dosing Point Check	Clean Coagulant Injector	Coagulant Pump Setting	
	Pump 1 Count	Flow L	Pump 2 Count	Flow L	Total Flow L				
1		1027.5		1130.25	2157.75				AC
2		1027.5		1130.25	2157.75				AC
3	583	1027.5	2008	924.75	1952.25			7	AC
4		1027.5		924.75	1952.25				AC
5		1027.5		924.75	1952.25				AC
6		1027.5		924.75	1952.25				AC
7	593	1130.25	2017	1233	2363.25			7	AC
8		1130.25		1233	2363.25				7
9		1130.25		1233	2363.25				7
10		1130.25		1233	2363.25				7
11	604	685	2029	548	1233			7	7
12		685		548	1233				7
13		685		548	1233				7
14	609	822	2033	657.6	1479.6			7	7
15		822		657.6	1479.6				AC
16		822		657.6	1479.6				AC
17		822		657.6	1479.6				AC
18		822		657.6	1479.6				AC
19	619	822	2041	822	1644			7	AC
20		822		822	1644				7
21	623	822	2045	959	1781			7	AC
22		822		959	1781				AC
23		822		959	1781				AC
24	629	822	2052	822	1644			7	AC
25		822		822	1644				AC
26		822		822	1644				AC
27	635	904.2	2058	822	1726.2			7	AC
28		904.2		822	1726.2				AC
29		904.2		822	1726.2				AC
30									
31									

NALCO
TANK
level

7/8 AC

5/8 → F AC

3/4
→ 7/8
→ 5/8

1/2 → 7/8 AC

7/8

5/8 → F AC

7/8 AC

Enter all data eg. If pump not running enter 0.

Revision Date: February 23, 2024

Revision: 1



Date	Effluent Flow					Coagulant			Operator Initials
	One Count = 411L					Dosing Point Check	Clean Coagulant Injector	Coagulant Pump Setting	
	Pump 1 Count	Flow L	Pump 2 Count	Flow L	Total Flow L				
1		904.2		822	1726.2				AC
2		904.2		822	1726.2				AC
3	AC	904.2	AC 2068	822	1726.2				AC
4	668 646	822	646 ↓	959	1781			7	AC
5		822		959	1781				AC
6		822		959	1781				AC
7	652	1130.25	2075	1130.25	2260.5				AC
8		1130.25		1130.25	2260.5				AC
9		1130.25		1130.25	2260.5				AC
10		1130.25		1130.25	2260.5				AC
11	663	1027.5	2086	822	1849.5			7	AC
12		1027.5		822	1849.5				AC
13	668	1746.75	2090	1746.75	3493.5			7	AC
14		1746.75		1746.75	3493.5				AC
15		1746.75		1746.75	3493.5				AC
16		1746.75		1746.75	3493.5				AC
17	685	822	2107	959	1781			7	AC
18		822		959	1781				AC
19		822		959	1781				AC
20	691	1233	2114	1233	2466			7	AC
21		1233		1233	2466				AC
22		1233		1233	2466				AC
23		1233		1233	2466				AC
24		1233		1233	2466				AC
25	706	822	2129	822	1644			7	AC
26		822		822	1644				AC
27	710	822	2133	575.4	1397.4			7	AC
28		822		575.4	1397.4				AC
29		822		575.4	1397.4				AC
30		822		575.4	1397.4				AC
31		822		575.4	1397.4				AC

Alaco Tank level

5/8 → 7/8 AC

→ 3/4 AC

Y2 → F AC

7/8 AC

5/8 → 7/8 AC

5/8 AC

3/8 → F

7/8 AC

Enter all data eg. If pump not running enter 0.

Revision Date: February 23, 2024

Revision: 1



Date	Effluent Flow					Coagulant			Operator Initials
	One Count = 411L					Dosing Point Check	Clean Coagulant Injector	Coagulant Pump Setting	
	Pump 1 Count	Flow L	Pump 2 Count	Flow L	Total Flow L				
1	720	1370	2140	1370	2740			7	AC
2		1370		1370	2740				AC
3		1370		1370	2740				AC
4	730	1096	2150	1096	2192			7	AC
5		1096		1096	2192				AC
6		1096		1096	2192				AC
7	738	1096	2158	959	2055			7	AC
8		1096		959	2055				AC
9		1096		959	2055				AC
10	746	1027.5	2165	1027.5	2055			7	AC
11		1027.5		1027.5	2055				AC
12		1027.5		1027.5	2055				AC
13		1027.5		1027.5	2055				AC
14	756	1370	2175	1370	2740			7	AC
15		1370		1370	2740				AC
16		1370		1370	2740				AC
17	766	1561.8	2185	1561.8	3123.6			7	AC
18		1561.8		1561.8	3123.6				AC
19		1561.8		1561.8	3123.6				AC
20		1561.8		1561.8	3123.6				AC
21		1561.8		1561.8	3123.6				AC
22	785	1096	2204	1233	2329			7	AC
23		1096		1233	2329				AC
24		1096		1233	2329				AC
25	793	959	2213	1233	2192			8	AC
26		959		1233	2192				AC
27		959		1233	2192				AC
28	802	1027.5	2222	924.7	1952.2			8	AC
29		1027.5		924.7	1952.2				
30		1027.5		924.7	1952.2				
31									

NALCO
TANK
LEVEL

3/4 AC

5/8 → F AC

7/8 AC

3/4 → F AC

7/8 AC

5/8 → F AC

5/8 → 7/8 AC

3/4 → F AC

7/8 → F AC

Enter all data eg. If pump not running enter 0.

Revision Date: February 23, 2024

Revision: 1



Date	Effluent Flow				Coagulant			Operator Initials	NALCO TANK Level	
	One Count = 411L					Dosing Point Check	Clean Coagulant Injector			Coagulant Pump Setting
	Pump 1 Count	Flow L	Pump 2 Count	Flow L	Total Flow L					
1		1027.5		924.7	1952.2			8	T.S.S.	3/4 → Full
2	812	1781	2231	1507	3288				T.S.S.	
3		1781		1507	3288				T.S.S.	
4		1781		1507	3288			8	T.S.S.	3/4 → Full
5	825	1370	2242	1370	2740				T.S.S.	
6		1370		1370	2740				T.S.S.	
7		1370		1370	2740			8	T.S.S.	3/4 → Full
8	835	1130.25	2252	1233	2363.25				T.S.S.	
9		1130.25		1233	2363.25				T.S.S.	
10		1130.25		1233	2363.25				T.S.S.	
11		1130.25		1233	2363.25			8	T.S.S.	3/4 → Full
12	846	1370	2264	1233	2603				T.S.S.	
13		1370		1233	2603				T.S.S.	
14		1370		1233	2603			8	T.S.S.	3/4 → Full
15	856	2219.4	2273	2219.4	4438.8				T.S.S.	
16		2219.4		2219.4	4438.8				T.S.S.	
17		2219.4		2219.4	4438.8				T.S.S.	
18		2219.4		2219.4	4438.8				T.S.S.	
19		2219.4		2219.4	4438.8			8	T.S.S.	1/2 → Full
20	883	1233	2300	1233	2466	✓			T.S.S.	
21		1233		1233	2466			8	T.S.S.	3/4 → Full
22	889	1438.5	2306	1541.25	2979.7				T.S.S.	
23		1438.5		1541.25	2979.7				T.S.S.	
24		1438.5		1541.25	2979.7				T.S.S.	
25		1438.5		1541.25	2979.7			8	T.S.S.	3/4 → Full
26	903	1233	2321	1233	2466				T.S.S.	
27		1233		1233	2466				T.S.S.	
28		1233		1233	2466			8	T.S.S.	3/4 → Full
29	912	1746.7	2330	1644	3390.7	✓	✓		T.S.S.	
30		1746.7		1644	3390.7				T.S.S.	
31		1746.7		1644	3390.7				T.S.S.	

Enter all data eg. If pump not running enter 0.

Revision Date: February 23, 2024

Revision: 1



Date	Effluent Flow					Coagulant			Operator Initials
	One Count = 411L					Dosing Point Check	Clean Coagulant Injector	Coagulant Pump Setting	
	Pump 1 Count	Flow L	Pump 2 Count	Flow L	Total Flow L				
1		1746.7		1644	3390.7				
2	929	1096	2346	1233	2329			8	T.S
3		1096		1233	2329				T.S
4		1096		1237	2329				T.S
5	937	1438.5	2355	1438.5	2877			8	L.S
6		1438.5		1438.5	2877				T.S
7		1438.5		1438.5	2877				T.S
8		1438.5		1438.5	2877				T.S
9	951	1130.25	2369	1077.5	2157.75			8	T.S
10		1130.25		1077.5	2157.75				T.S
11		1130.25		1077.5	2157.75				T.S
12		1130.25		1077.5	2157.75				T.S
13	962	1096	2379	1233	2329			8	T.S
14		1096		1233	2329				T.S
15		1096		1233	2329				T.S
16	970	822	2388	822	1644			8	T.S
17		822		822	1644				PC
18		822		822	1644				PC
19	976	924.75	2394	924.75	1849.5			8	PC
20		924.75		924.75	1849.5				PC
21		924.75		924.75	1849.5				PC
22		924.75		924.75	1849.5				PC
23	985	822	2403	685	1507			8	PC
24		822		685	1507				PC
25		822		685	1507				PC
26	991	1438.5	2408	1541.25	2979.75	✓		8	PC
27		1438.5		1541.25	2979.75				PC
28		1438.5		1541.25	2979.75				PC
29		1438.5		1541.25	2979.75				PC
30	1005	1096	2423	1096	2192			8	PC

Nalco Tank Level

2/3 → Full

7/8 → Full

3/4 → Full

3/4 → Full

7/8

5/8 → Full

7/8

5/8 → Full

5/8

Enter all data eg. If pump not running enter 0.

Revision Date: February 23, 2024

Revision: 1



The Landing WWTP

Date: July 2025

Date	Effluent Flow					Coagulant				Operator Initials
	One Count = 411L					Nalco Tank Level	Dosing Point Check	Clean Coagulant Injector	Coagulant Pump Setting	
	Pump 1 Count	Flow L	Pump 2 Count	Flow L	Total Flow L					
1		1096		1096	2192					AC
2		1096		1096	2192					AC
3	1013	1233	2431	1233	2466	3/8 → Full			8	AC
4		1233		1233	2466					AC
5		1233		1233	2466					AC
6		1233		1233	2466					AC
7	1025	1644	2443	1507	3151	5/8 → F			9	AC
8		1644		1507	3151					S.P
9		1644		1507	3151					S.P
10	1037	2363.25	2454	2363.25	4726.5	7/8			8	S.P
11		2363.25		2363.25	4726.5					AC
12		2363.25		2363.25	4726.5					AC
13		2363.25		2363.25	4726.5					AC
14	1060	1644	2477	1781	3425	3/8 → 5/8			8	AC
15		1644		1781	3425					AC
16		1644		1781	3425					AC
17	1072	2157.75	2490	2157.75	4315.5	3/8 → F			8	AC
18		2157.75		2157.75	4315.5					AC
19		2157.75		2157.75	4315.5					AC
20		2157.75		2157.75	4315.5					AC
21	1093	1370	2511	1370	2740	5/8 → 7/8			9	AC
22		1370		1370	2740					AC
23		1370		1370	2740					AC
24	1103	2157.75	2521	1952.25	4110	5/8 → F			9	AC
25		2157.75		1952.25	4110					AC
26		2157.75		1952.25	4110					AC
27		2157.75		1952.25	4110					AC
28	1124	2603	2540	2603	5206	5/8 → T/8				AC
29		2603		2603	5206					AC
30		2603		2603	5206					AC
31	1143	2630.4	2559	2630.4	5260.8	5/8 → F	✓	✓	8	AC

Enter all data eg. If pump not running enter 0.

Revision Date: July 2, 2025

Revision: 2



The Landing WWTP

Date: Aug 2025

Date	Effluent Flow					Coagulant				Operator Initials
	One Count = 411L					Nalco Tank Level	Dosing Point Check	Clean Coagulant Injector	Coagulant Pump Setting	
	Pump 1 Count	Flow L	Pump 2 Count	Flow L	Total Flow L					
1		2630.4		2630.4	5260.8					AC
2		2630.4		2630.4	5260.8					AC
3		2630.4		2630.4	5260.8					AC
4		2630.4		2630.4	5260.8					AC
5	1175	2466	2591	2055	4521	3/8			8	AC
6	1181	2055	2596	2260.5	4315.5	1/4 → 7/8			8	AC
7		2055		2260.5	4315.5					AC
8	1191	2877	2607	2740	5617	5/8 → F			8	AC
9		2877		2740	5617					AC
10		2877		2740	5617					AC
11	1212	1952.25	2627	1952.25	3904.5	5/8 1/8			8	AC
12		1952.25		1952.25	3904.5					AC
13		1952.25		1952.25	3904.5					AC
14		1952.25		1952.25	3904.5					AC
15	1231	2329	2646	2329	4658	3/8 → F			8	AC
16		2329		2329	4658					AC
17		2329		2329	4658					AC
18	1248	1233	2663	1096	2329	5/8 → F			8	AC
19		1233		1096	2329					AC
20		1233		1096	2329					AC
21	1257	1849.5	2671	1849.5	3699	7/8 → F	✓	✓	8	AC
22		1849.5		1849.5	3699					AC
23		1849.5		1849.5	3699					AC
24		1849.5		1849.5	3699					AC
25	1275	2055	2689	1918	3973	5/8 → F			8	AC
26		2055		1918	3973					AC
27		2055		1918	3973					AC
28	1290	2630.4	2703	2548.2	5178.6	3/4 → F			8	AC
29		2630.4		2548.2	5178.6					AC
30		2630.4		2548.2	5178.6					AC
31		2630.4		2548.2	5178.6					AC

Enter all data eg. If pump not running enter 0.

Revision Date: July 2, 2025

Revision: 2



The Landing WWTP

Date: Sept 20 25

Date	Effluent Flow					Coagulant				Operator Initials
	One Count = 411L					Nalco Tank Level	Dosing Point Check	Clean Coagulant Injector	Coagulant Pump Setting	
	Pump 1 Count	Flow L	Pump 2 Count	Flow L	Total Flow L					
1		2630.4		2548.2	5178.6					AC
2	1322	1781	2734	1781	3562	3/8 → 3/4			8	AC
3		1781		1781	3562					AC
4		1781		1781	3562					AC
5	1335	1781	2747	1781	3562	3/8 → F			8	AC
6		1781		1781	3562					AC
7		1781		1781	3562					AC
8	1348	1027.5	2760	1130.25	2157.75	3/4 → F			8	AC
9		1027.5		1130.25	2157.75					AC
10		1027.5		1130.25	2157.75					AC
11		1027.5		1130.25	2157.75					AC
12	1358	1781	2771	1644	3425	7/8 → F			8	AC
13		1781		1644	3425					AC
14		1781		1644	3425					AC
15	1371	1370	2783	1370	2740	3/4 → 7/8			8	AC
16		1370		1370	2740					AC
17		1370		1370	2740					AC
18	1381	1335.75	2793	1335.75	2671.5	3/4 → F			8	AC
19		1335.75		1335.75	2671.5					AC
20		1335.75		1335.75	2671.5					AC
21		1335.75		1335.75	2671.5					AC
22	1394	1096	2806	1096	2192	7/8 → F			8	AC
23		1096		1096	2192					AC
24		1096		1096	2192					AC
25	1402	1335.75	2814	1335.75	2671.5	7/8 → F	✓	✓	8	AC
26		1335.75		1335.75	2671.5					AC
27		1335.75		1335.75	2671.5					AC
28		1335.75		1335.75	2671.5					AC
29	1415	1027.5	2827	1027.5	2055	7/8 → F			8	AC
30		1027.5		1027.5	2055					AC

Enter all data eg. If pump not running enter 0.

Revision Date: July 2, 2025

Revision: 2



The Landing WWTP

Date: OCT 2025

Date	Effluent Flow					Coagulant				Operator Initials
	One Count = 411L					Nalco Tank Level	Dosing Point Check	Clean Coagulant Injector	Coagulant Pump Setting	
	Pump 1 Count	Flow L	Pump 2 Count	Flow L	Total Flow L					
1		1527.5		1027.5	2055					AC
2		1027.5		1027.5	2055					AC
3	1425	1644	2837	1781	3425	7/8 → F			8	AC
4		1644		1781	3425					AC
5		1644		1781	3425					AC
6	1437	1233	2850	1233	2466	3/4 → F			8	AC
7		1233		1233	2466					AC
8		1233		1233	2466					AC
9		1233		1233	2466					AC
10	1449	1438.5	2862	1438.5	2877	7/8 → F			8	AC
11		1438.5		1438.5	2877					AC
12		1438.5		1438.5	2877					AC
13		1438.5		1438.5	2877					AC
14	1463	1233	2876	1096	2329	3/4 → F			8	AC
15		1233		1096	2329					AC
16		1233		1096	2329					AC
17	1472	1781	2884	1781	3562	7/8			8	AC
18		1781		1781	3562					AC
19		1781		1781	3562					AC
20	1485	1027.5	2897	1027.5	2055	3/4			8	AC
21		1027.5		1027.5	2055					AC
22	1490	1233	2902	1233	2466	3/4			8	AC
23		1233		1233	2466					AC
24	1496	1233	2908	1370	2603	3/4			8	AC
25		1233		1370	2603					AC
26		1233		1370	2603					AC
27	1505	959	2918	959	1918	5/8 → F			8	AC
28		959		959	1918					AC
29		959		959	1918					AC
30	1512	1335.75	2925	1335.75	2671.5	7/8	✓	✓	8	AC
31		1335.75		1335.75	2671.5					AC

Enter all data eg. If pump not running enter 0.

Revision Date: July 2, 2025

Revision: 2



The Landing WWTP

Date: NOV 2025

Date	Effluent Flow					Coagulant				Operator Initials
	One Count = 411L					Nalco Tank Level	Dosing Point Check	Clean Coagulant Injector	Coagulant Pump Setting	
	Pump 1 Count	Flow L	Pump 2 Count	Flow L	Total Flow L					
1		1335.75		1335.75	2671.5					AC
2		1335.75		1335.75	2671.5	3/4				AC
3	1525	1370	2938	1233	2603	7/8 → F		8 AC	8	AC
4		1370		1233	2603	AC				AC
5		1370		1233	2603					AC
6	1535	1335.75	2947	1438.5	2774.25	7/8 → F			8	AC
7		1335.75		1438.5	2774.25					AC
8		1335.75		1438.5	2774.25					AC
9		1335.75		1438.5	2774.25					AC
10	1548	1096	2961	1096	2192	7/8 → F			8	AC
11		1096		1096	2192					AC
12		1096		1096	2192					AC
13	1556	1541.25	2969	1438.5	2979.75	7/8			8	AC
14		1541.25		1438.5	2979.75					AC
15		1541.25		1438.5	2979.75					AC
16		1541.25		1438.5	2979.75					AC
17	1571	1233	2983	1370	2603	5/8			8	AC
18		1233		1370	2603					AC
19		1233		1370	2603	7/8 → F AC		8 AC		AC
20	1580	1130.25	2993	1130.25	2260.5	7/8 → F			8	AC
21		1130.25		1130.25	2260.5					AC
22		1130.25		1130.25	2260.5					AC
23		1130.25		1130.25	2260.5					AC
24	1591	1233	3004	1233	2466	7/8			8	AC
25		1233		1233	2466					AC
26		1233		1233	2466					AC
27	1600	1438.5	3013	1438.5	2877	5/8 → F	✓	✓	8	AC
28		1438.5		1438.5	2877					
29		1438.5		1438.5	2877					
30		1438.5		1438.5	2877					

Enter all data eg. If pump not running enter 0.

Revision Date: July 2, 2025

Revision: 2



The Landing WWTP

Date: DEC 2025

Date	Effluent Flow					Coagulant				Operator Initials
	One Count = 411L					Nalco Tank Level	Dosing Point Check	Clean Coagulant Injector	Coagulant Pump Setting	
	Pump 1 Count	Flow L	Pump 2 Count	Flow L	Total Flow L					
1	1614	1370	3027	1370	2740	3/4 → F			8	AC
2		1370		1370	2740					AC
3		1370		1370	2740	7/8 AC				AC
4	1624	1233	3037	822	2055	3/4 → F			8	AC
5		1233		822	2055					AC
6		1233		822	2055					AC
7		1233		822	2055					AC
8	1636	1335.75	3045	1541.25	2877	7/8 → F			8	AC
9		1335.75		1541.25	2877					AC
10		1335.75		1541.25	2877					AC
11		1335.75		1541.25	2877	3/4 → F			8	AC
12	1649	1507	3060	1507	3014					AC
13		1507		1507	3014					AC
14		1507		1507	3014					AC
15	1660	1644	3071	1644	3288	7/8 → F			8	AC
16		1644		1644	3288					AC
17		1644		1644	3288					AC
18	1672	1571	3083	1438.5	2979.5	7/8 → F	✓	✓	8	AC
19		1571		1438.5	2979.5					7
20		1571		1438.5	2979.5					7
21		1541		1438.5	2979.5					7
22	1687	1438.5	3097	1644	3082.5	3/4 →			8	AC
23	AC	1438.5		1644	3082.5					AC
24	1694	1315.2	3105	1233	2548.2	5/8 → F				AC
25		1315.2		1233	2548.2					AC
26		1315.2		1233	2548.2					AC
27		1315.2		1233	2548.2					AC
28		1315.2		1233	2548.2					AC
29	1710	1541.25	3120	1438.5	2979.75	1/2 → F			8	AC
30		1541.25		1438.5	2979.75					AC
31		1541.25		1438.5	2979.75					AC

Enter all data eg. If pump not running enter 0.

Revision Date: July 2, 2025

Revision: 2





Ontario Clean Water Agency
Agence Ontarienne Des Eaux

Appendix V: Abnormal Events



Ontario Clean Water Agency
Agence Ontarienne Des Eaux

There were no abnormal events for The Landing WWTP in 2025.