

Municipality of Temagami Water and Wastewater Systems Quarterly Operations Report

January 1 to March 31, 2024

SUBMITTED BY

Ontario Clean Water Agency
15 Government Road East
Kirkland Lake, ON P2N 3J5

May 10, 2024, Rev. 0

Prepared by the Ontario Clean Water Agency
On behalf of the Municipality of Temagami

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1 Introduction

The Quarterly Operations Report summarizes regulatory compliance, quality management and system monitoring information. It provides a list of completed capital and major work projects and any call-outs that occurred after hours. It also includes complaints received and Health and Safety activities or issues that occurred during the quarter.

2 Regulatory Compliance

2.1 Summary of Reportable Events

Facility	Date	MECP Event No.	Event/Non-compliance	Corrective Action
Temagami North DWS	January 29, 2024	1-4MDWE9	<p>The system’s license allows a maximum total volume of 328 m³ per day of treated water to enter the distribution system.</p> <p>The total daily flow exceeded this limit on the following days: January 29th = 329 m³ January 30 = 329 m³ February 1 = 349 m³ February 3 = 368 February 4 = 341 m³</p>	<p>The suspected cause of the exceedance was a watermain break on Birch Street.</p> <p>Operators investigated the area and found the break which was repaired on February 6th.</p>

2.2 Third Party Inspections and Findings

The MECP conducted an inspection of the Temagami South DWS on November 2, 2023. The report dated January 17, 2024 identified six (6) non-compliances with 5 relating to the same issue; loss of filter turbidity monitoring that went unnoticed on 2 occasions in July 2023.

OCWA met with Vesna Alimpic of the MECP on January 25th to discuss the seriousness of the turbidity incidents. OCWA prepared and Action Plan to address the issues which was accepted by the Ministry.

The sixth non-compliance occurred when a secondary distribution chlorine residual was tested too early during the week of April 9, 2023. This non-compliance was reported to the MECP shortly after it was discovered and procedures were implemented to prevent this from re-occurring.

2.3 Quality and Environmental Management System (QEMS)

DWQMS Awareness training is scheduled for April 24, 2024 to prepare new and existing staff for the upcoming audits.

Re-accreditation audits by SAI Global have been scheduled for May 6th (desk-top) and June 26th (on-site).

2.4 Reporting

A summary of regulatory reports submitted by OCWA on behalf of the Municipality are listed in the tables below.

Water System Reports	Submission Frequency	Submitted to	Submission Date
2023 Annual/Summary Reports for North and South Drinking Water Systems	By February 28 th of each year	MECP and Owner	February 15, 2024

Sewage System Reports	Submission Frequency	Submitted to	Submission Date
2023 Annual Performance Reports for the North and South Lagoons	By March 31 st of each year	MECP and Owner	March 22, 2024
Annual WSER Reporting for the North and South Lagoons	45 days after the end of the year	Environment Canada	January 26, 2024
Temagami North Lagoon – Quarterly Overflow/Bypass Reports	45 days after the quarter	MECP	January 11, 2024 (Q4 2023)
Quarterly Effluent Discharge Data Reports	The Ontario Clean Water Agency (OCWA) has an arrangement with the MECP to submit quarterly discharge data for all OCWA operated municipal sewage treatment facilities 45 days at the end of each quarter	MECP	February 15, 2024 (Q4, 2023)

2.5 Other Important Information

Temagami Sewage Collection System

2024 deliverables as described in the CLI ECA for the Sewage Collection System:

- October 17, 2024 – Significant Drinking Water Threat Assessment required.

3 Monitoring Program

3.1 Monitoring Data

Drinking water sampling and testing required by Ontario Regulation 170/03 was completed this quarter and all results fell within regulatory limits.

Wastewater sampling and testing required by the systems’ Environmental Compliance Approvals and the Wastewater Systems Effluent Regulation was completed this quarter and all results fell within their compliance limits.

Quarterly bacteriological sampling required under the Ministry of Health’s Directive for the Marten River Fire Hall and the Temagami Chalet was completed this quarter on January 8th. Results were acceptable meeting regulatory limits.

Refer to Appendix A for Quarterly Data Reports.

3.2 Flows

3.2.1 Temagami North Water Treatment Plant

2024	Total Raw Flow (m ³)	Total Treated Flow (m ³)	% Difference (raw – treated)	Average Daily Treated Flow (m ³)	Maximum Treated Flow (m ³)	% of the Rated Max. Capacity (328 m ³ /day)
January	7492	7338	2.1%	237	329	100%*
February	5825	5524	5.2%	190	368	112%*
March	5074	4611	9.1%	149	199	61%

* High flows began in January and continued to February 6th due to a watermain break on Birch Street.

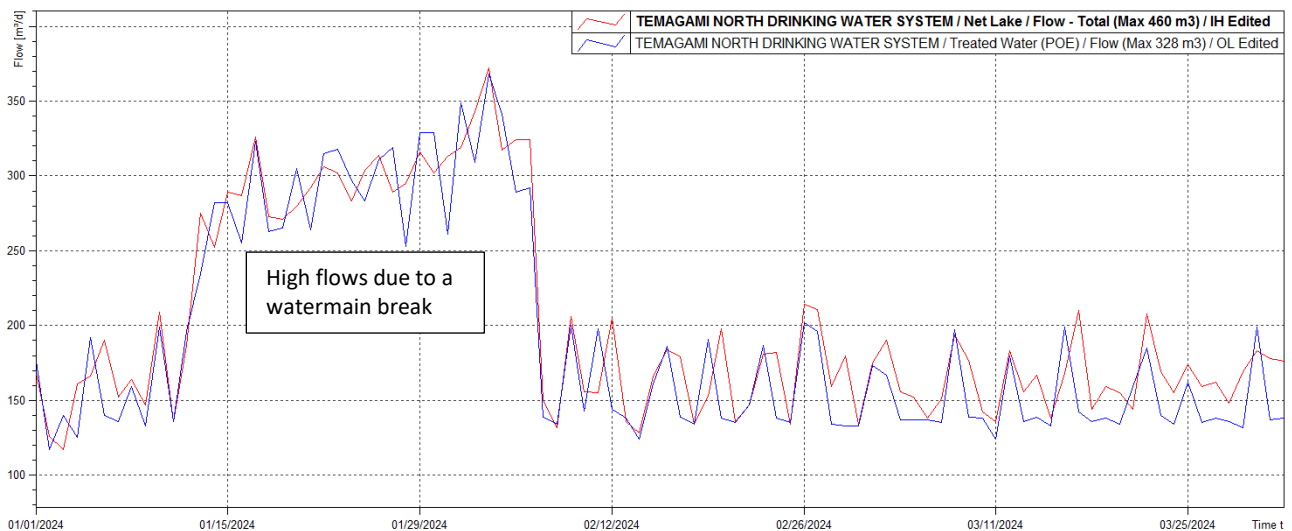


Figure 1: Temagami North WTP – Raw Water vs Treated Water Flow (January to March 2024)

3.2.2 Temagami North Lagoon

2024	Total Influent Flow (m ³)	Average Daily Influent Flow (m ³)	% of Average Day Rated Capacity (390 m ³ /d)	Maximum Influent Flow (m ³ /d)	% of Rated Maximum Capacity (1200 m ³ /day)
January	7525	243	62%	307	26%
February	6477	223	57%	431	36%
March	13408	433	111%*	930	78%

* High flows occurred in March due to a heavy rainfall.

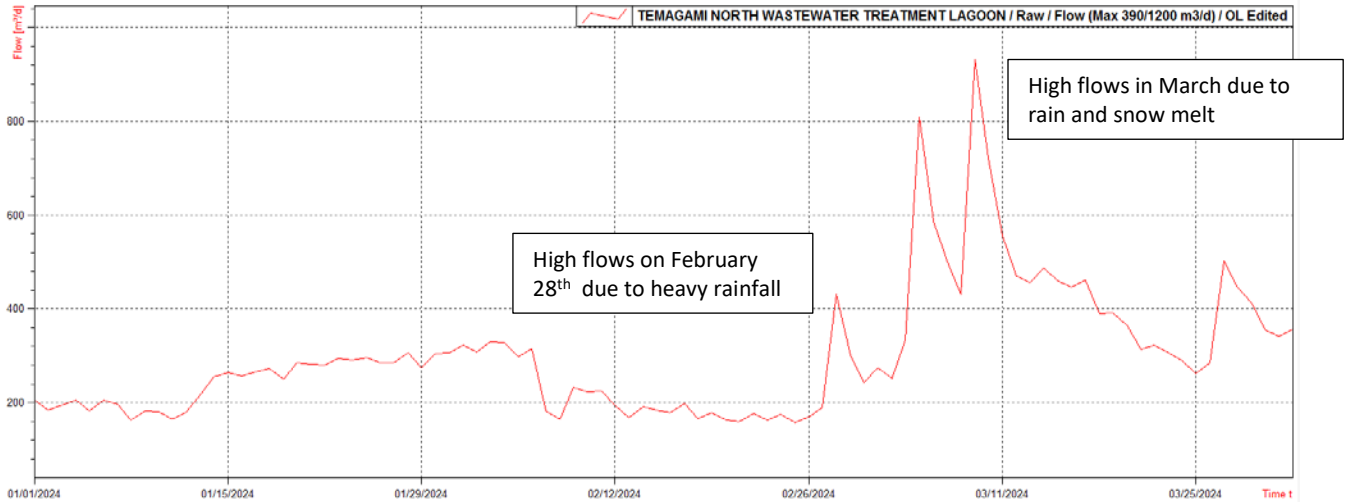


Figure 2: Temagami North Lagoon – Influent Flow (January to March 2024)

3.2.3 Temagami South Water Treatment Plant

2024	Total Raw Flow (m ³)	Total Treated Flow (m ³)	% Difference (raw – treated)	Average Daily Treated Flow (m ³)	Maximum Treated Flow (m ³)	% of the Rated Max. Capacity (950 m ³ /day)
January	4707	4197	10.8%	135	177	19%
February	4651	4160	10.6%	143	191	20%
March	5477	4863	11.2%	157	192	20%

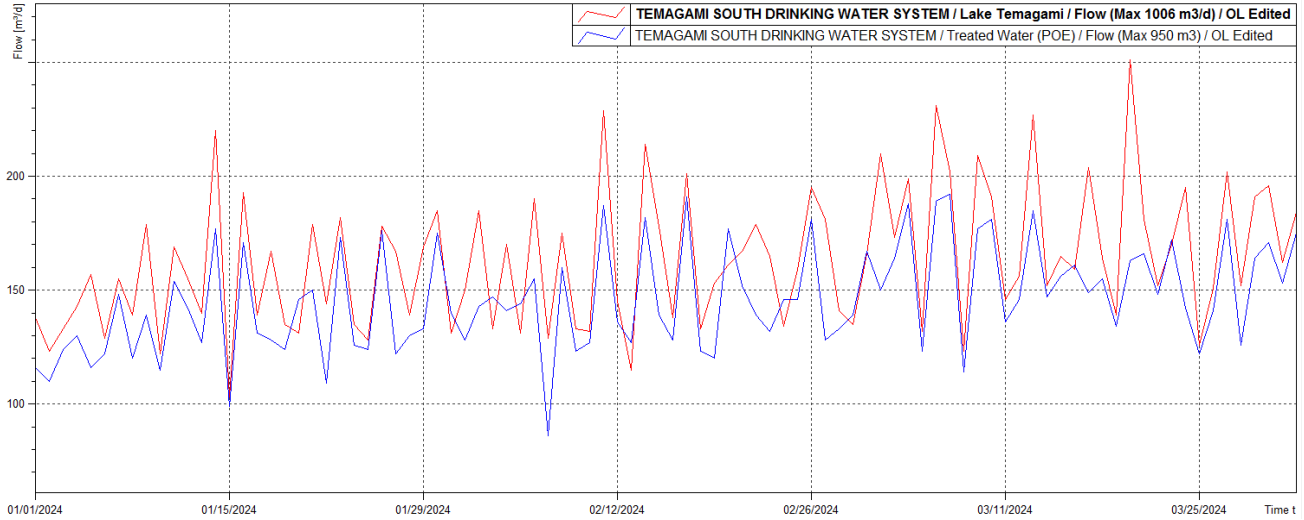


Figure 3: Temagami South WTP – Raw Water vs Treated Water Flow (January to March 2024)

3.2.4 Temagami South Lagoon

2024	Total Influent Flow (m ³)	Average Daily Influent Flow (m ³)	% of Average Day Rated Capacity (232 m ³ /d)	Maximum Influent Flow (m ³ /d)	Average Daily Effluent Flow (2877 m ³ /day)
January	4492	145	63%	172	N/A
February	3896	134	58%	146	N/A
March	5384	174	75%	199	N/A

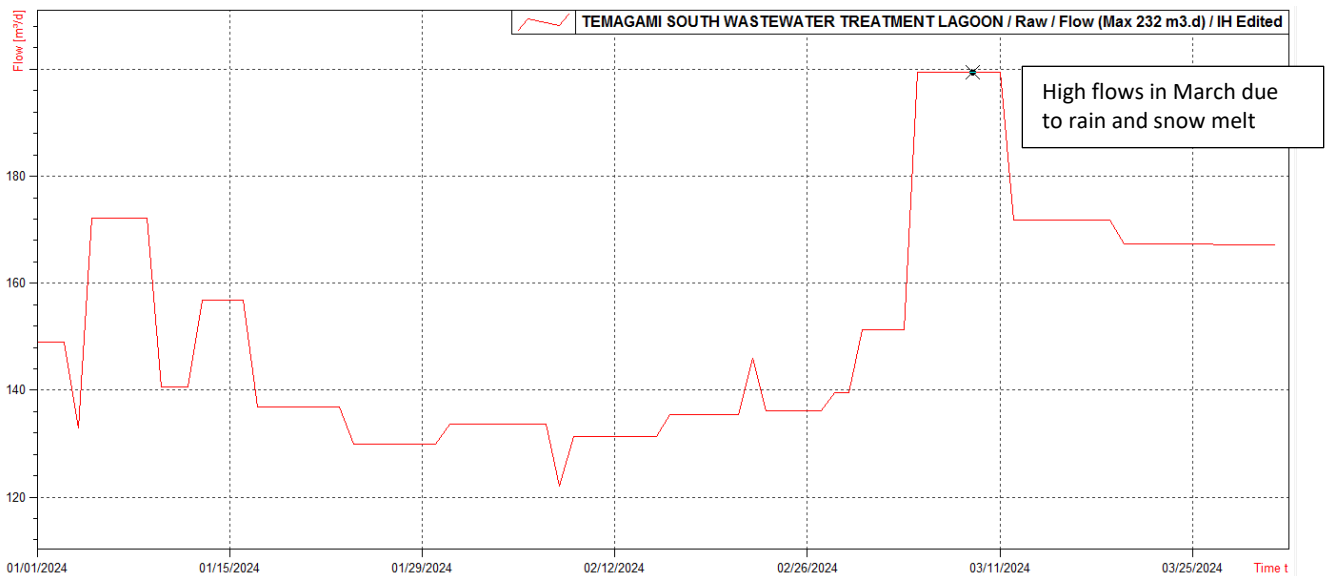


Figure 4: Temagami South Lagoon – Influent Flow (January to March 2024)

4 Asset Management

Preventative maintenance and equipment calibrations are scheduled, assigned and tracked using OCWA’s Workplace Management System (Maximo). All monthly and quarterly work orders scheduled for this quarter were completed.

Corrective and emergency maintenance is also managed using Maximo. A summary of emergency and corrective work orders along with detailed maintenance reports can be made available upon request.

5 Capital & Major Maintenance Projects

Status of capital and major maintenance work completed to date in 2024

Temagami North Drinking Water System	
Project	Status
High flow investigation – water main break on Birch Street	Complete - February
Replaced the chlorine residual analyzer (CL-17)	Complete - March

Temagami North Lagoon	
Project	Status
Installed pump at Spruce Drive SPS	Complete - February
Cedar SPS - Installed data logger	Complete - March

Temagami South Drinking Water System	
Project	Status
None	

Temagami South Lagoon	
Project	Status
None	

6 Call-Out Summary

System	Call-outs this Quarter	Total to Date
Temagami North DWS	3	3
Temagami North Lagoon	0	0
Temagami South DWS	3	3
Temagami South Lagoon	0	0
TOTAL	6	6

*Note: Not all call-outs are billed to the Owner; depends on the nature of the call.

Refer to Appendix B for a detailed after hour call back summary.

7 Complaints

17 Cedar Avenue - One water complaint was received on February 23rd after the watermain repair on Birch Street. A nearby hydrant was flushed to improve water quality. A bacteriological sample was collected and results were acceptable. Results were provided to the Owner.

8 Health and Safety

8.1 Incidents

Number of Health and Safety Incidents reported this quarter = 0

8.2 Inspections

The annual workplace inspection was conducted at the water treatment plants and no issues were identified.

8.3 Training

Health and Safety training sessions completed this quarter include:

- January – WHMIS
- February – Respiratory Protection
- March – Site Specific Hazard Identification Process (Workplace Inspections)



APPENDIX A

Quarterly Data Reports

TEMAGAMI NORTH DRINKING WATER SYSTEM

Quarterly Data Report



Q1: January 1 to March 31, 2024

Temagami North Drinking Water System		January	February	March	Compliance
Flows					
Raw Flow - Maximum Daily Volume	m ³ /d	326	372	210	Max. = 460
Raw Flow - Maximum Flow Rate	L/min	473	403	387	Max. = 456
Treated Flow - Maximum Daily Volume	m ³ /d	329 ¹	368 ¹	199	Max. = 328
Treated Flow - Maximum Flow Rate	L/min	659	695	655	Max. = 1140 (CT) ²
Raw Water					
Total Coliforms - Maximum	c/100mL	130	72	> 400	N/A
<i>E.coli</i> - Maximum	c/100mL	< 2	< 2	< 2	N/A
Treated Water					
Free Chlorine Residual – Min.	mg/L	1.34	1.33	1.20	Min. = 0.85 (CT) ²
Total Coliforms - Maximum	c/100mL	0	0	0	Max. = 0
<i>E.coli</i> - Maximum	c/100mL	0	0	0	Max. = 0
Filter 1 Turbidity - Maximum	NTU	0.26	0.23	0.25	Max. = 1
Filter 2 Turbidity - Maximum	NTU	0.26	0.48	0.34	Max. = 1
% of time turbidity ≤ 0.3 NTU	Filter 1	100	100	100	Min. = 95%
% of time turbidity ≤ 0.3 NTU	Filter 2	100	100	99.9	Min. = 95%
Nitrite	mg/L	< 0.05	-	-	Max. = 1
Nitrate	mg/L	< 0.05	-	-	Max. = 10
Distribution Water					
Free Chlorine Residual - Minimum	mg/L	0.71	0.75	0.73	Min. = 0.05
Total Coliforms - Maximum	c/100mL	0	0	0	Max. = 0
<i>E.coli</i> - Maximum	c/100mL	0	0	0	Max. = 0
Trihalomethanes (THMs)	µg/L	54.9	-	-	Max. = 100 µg/L (RAA) ³
Haloacetic Acids (HAAs)	µg/L	39	-	-	Max. = 80 µg/L (RAA) ⁴
Lead - Maximum	µg/L	-	-	< 0.1	Max. = 10 µg/L ⁵
Alkalinity – Maximum	mg/L	-	-	41	N/A ⁶

TEMAGAMI NORTH DRINKING WATER SYSTEM

Quarterly Data Report



Q1: January 1 to March 31, 2024

Notes:

- 1 High flows began in January and continued to February 6th due to a watermain break on Birch Street.
- 2 CT is the concentration of chlorine in the water times the time of contact that the chlorine has with the water. It is used to demonstrate the level of disinfection treatment in the water. CT calculations are performed for the Temagami North water plant if the treated flow leaving the plant goes above 1140 L/minute or the free chlorine residual level drops below 0.85 mg/L to ensure primary disinfection is achieved. Primary disinfection was achieved this quarter.
- 3 Maximum Allowable Concentration (MAC) for Trihalomethanes (THMs) = 100 ug/L (Four Quarter Running Average). The running average to the end of this quarter = 64.2 ug/L
- 4 Maximum Allowable Concentration (MAC) for Haloacetic Acids (HAAs) = 80 ug/L (Four Quarter Running Average). The running average to the end of this quarter = 47.5 ug/L
- 5 Lead testing required every 3 years in March and September. Lead testing is required in 2024. First round of lead sampling was done in on March 21, 2024.
- 6 Alkalinity testing required twice per year. Sampling is done in March and September of each year.

TEMAGAMI NORTH WASTEWATER TREATMENT LAGOON

Quarterly Data Report



Q1: January 1 to March 31, 2024

Temagami North Wastewater Lagoon		January	February	March	Compliance
Flows					
Influent – Average Daily Flow	m ³ /d	243	223	433	Avg. Capacity = 390
Influent – Maximum Daily Flow	m ³ /d	307	431	930	Max. Capacity = 1200
Influent					
BOD ₅ – Average	mg/L	26	88	38	N/A
Total Suspended Solids (TSS) – Average	mg/L	28	116	47	N/A
Total Phosphorus (TP) – Average	mg/L	0.793	1.99	0.890	N/A
Total Ammonia (TKN) – Average	mg/L	10.8	15.6	8.95	N/A
Effluent					
cBOD ₅ – Average	mg/L	4.3	4.1	9.4	Monthly Average = 20
TSS – Average	mg/L	13	12	19	Monthly Average = 30
TP – Average	mg/L	0.140	0.194	0.217	Monthly Average = 0.6
Total Ammonia Nitrogen (TAN) – Average	mg/L	1.63	2.95	1.72	Monthly Average = 6
Dissolved Oxygen (DO) - Average	mg/L	13	12	16	N/A
Un-ionized Ammonia - Average	mg/L	0.015	0.009	0.030	N/A
<i>E. coli</i> - Geometric Mean (MGM) ¹	cfu/100mL	407	2595	259	N/A
Temperature – Average	°C	1.4	2.1	1.7	N/A
pH – Minimum to Maximum		7.35 to 8.68	7.20 to 7.72	8.10 to 8.46	6.0 to 9.5 (inclusive)

Notes:

1 MGM for *E. coli* means the monthly geometric mean density of the sample results.

TEMAGAMI SOUTH DRINKING WATER SYSTEM

Quarterly Data Report



Q1: January 1 to March 31, 2024

Temagami South Drinking Water System		January	February	March	Compliance
Flows					
Raw Flow - Maximum Daily Volume	m ³ /d	220	229	251	Max. = 1006
Raw Flow - Maximum Flow Rate	L/min	627	610	617	Max. = 700
Treated Flow - Maximum Daily Volume	m ³ /d	177	191	192	Max. = 950
Treated Flow - Maximum Flow Rate	L/min	680	683	685	Max. = 1200 (CT) ¹
Raw Water					
Total Coliforms - Maximum	c/100mL	68	40	80	N/A
<i>E.coli</i> - Maximum	c/100mL	< 2	< 2	< 2	N/A
Treated Water					
Free Chlorine Residual – Min.	mg/L	1.35	1.06	0.79 ¹	Min. = 1.00 (CT) ¹
Total Coliforms - Maximum	c/100mL	0	0	0	Max. = 0
<i>E.coli</i> - Maximum	c/100mL	0	0	0	Max. = 0
Filter 2 Turbidity - Maximum	NTU	0.43	0.57	0.58	Max. = 1
% of time turbidity ≤ 0.3 NTU	Filter 2	100	100	100	Min. = 95%
Nitrite	mg/L	< 0.05	-	-	Max. = 1
Nitrate	mg/L	< 0.05	-	-	Max. = 10
Distribution Water					
Free Chlorine Residual - Minimum	mg/L	1.18	1.18	1.01	Min. = 0.05
Total Coliforms - Maximum	c/100mL	0	0	0	Max. = 0
<i>E.coli</i> - Maximum	c/100mL	0	0	0	Max. = 0
Trihalomethanes (THMs)	µg/L	36.8	-	-	Max. = 100 µg/L (RAA) ²
Haloacetic Acids (HAAs)	µg/L	20	-	-	Max. = 80 µg/L (RAA) ³
Lead - Maximum	µg/L	-	-	4.1	Max. = 10 µg/L ⁴
Alkalinity – Maximum	mg/L	-	-	32	N/A ⁵

TEMAGAMI SOUTH DRINKING WATER SYSTEM

Quarterly Data Report



Q1: January 1 to March 31, 2024

Notes:

1 CT is the concentration of chlorine in the water times the time of contact that the chlorine has with the water. It is used to demonstrate the level of disinfection treatment in the water. CT calculations are performed for the Temagami South water plant if the treated flow leaving the plant goes above 1200 L/minute or the free chlorine residual level drops below 1.00 mg/L to ensure primary disinfection is achieved. Primary disinfection was achieved this quarter.

March 27 - low free chlorine of 0.79 mg/L due to 2 holes in the chlorine feed lines. Lines repaired and chlorine levels restored.

March 29 – low free chlorine of 0.92 mg/L due to a chemical pump failure. Primed pumps and chlorine levels restored.

2 Maximum Allowable Concentration (MAC) for Trihalomethanes (THMs) = 100 ug/L (Four Quarter Running Average). The running average to the end of this quarter = 43.1 ug/L

3 Maximum Allowable Concentration (MAC) for Haloacetic Acids (HAAs) = 80 ug/L (Four Quarter Running Average). The running average to the end of this quarter = 40.5 ug/L

4 Lead testing required every 3 years in March and September. Lead testing is required in 2024. First round of lead sampling was done in on March 21, 2024.

5 Alkalinity testing required twice per year. Sampling is done in March and September of each year.

TEMAGAMI SOUTH WASTEWATER TREATMENT LAGOON

Quarterly Data Report



Q1: January 1 to March 31, 2024

Temagami South Wastewater System		January	February	March	Compliance
Flows					
Influent – Average Daily Flow	m ³ /d	145	134	166	Avg. Capacity = 232
Influent – Maximum Daily Flow	m ³ /d	172	146	199	Max. Capacity = N/A
Influent					
BOD ₅ – Average	mg/L	140	-	-	N/A
Total Suspended Solids (TSS) – Average	mg/L	143	-	-	N/A
Total Phosphorus (TP) – Average	mg/L	4.55	-	-	N/A
Total Ammonia (TKN) – Average	mg/L	32.7	-	-	N/A
Cell Contents Prior Discharge ¹					
Total Suspended Solids (TSS)	mg/L	-	-	-	N/A
Total Phosphorus (TP)	mg/L	-	-	-	N/A
Hydrogen Sulphide (HS)	mg/L	-	-	-	N/A
<i>E. coli</i>	cfu/100 mL	-	-	-	N/A
Effluent					
Discharge Period		-	-	-	Oct. 15 to Nov. 30
Average Discharge Flow	m ³ /d	-	-	-	Max. = 2877
cBOD ₅ – Average	mg/L	-	-	-	Annual Average = 25
BOD ₅ – Average	mg/L	-	-	-	Seasonal Average = 25
BOD ₅ – Loadings	kg/d	-	-	-	Seasonal Average = 71.9
TSS – Average	mg/L	-	-	-	Seasonal Average = 25
TSS – Loadings	kg/d	-	-	-	Seasonal Average = 71.9
TP – Average	mg/L	-	-	-	Seasonal Average = 1.0
TP – Loadings	kg/d	-	-	-	Seasonal Average = 2.9
Total Ammonia Nitrogen (TAN) – Average	mg/L	-	-	-	N/A
Temperature – Average	°C	-	-	-	N/A
pH – Minimum to Maximum		-	-	-	6.0 to 9.5 (operational guideline)

TEMAGAMI SOUTH WASTEWATER TREATMENT LAGOON

Quarterly Data Report



Q1: January 1 to March 31, 2024

Notes:

- 1 The Temagami South Lagoon discharges seasonally into Snake Island Lake. The discharge period occurs from May 1 to June 15 and from October 15 to November 30 each year.
- 2 One (1) lagoon cell sample is collected prior to the Spring and Fall discharge.



APPENDIX B

Summary of Call-outs

Work Order Call Back Details Report

3764044: Temagami North WTP Power Outage, 6030

Asset:

Location: 6030-WTTM

6030, Temagami North WTP

Page Time:	01/17/2024 09:45 AM
Arrive time:	01/17/2024 12:00 PM
Leave time:	01/17/2024 06:00 PM
Finish Time:	01/17/2024 06:00 PM
Report Date:	1/17/24
Reported By:	Cassandra Legros
Supervisor:	

Site:	OCWASITE
Priority:	5
Work Type:	CALL
Status:	CLOSE
Classification	PREDICTIVE MAINTENANCE
GL Account:	TEMAGN6028-24CO

Actual Labor				
Task ID	Craft	Labor	Regular Hours	Premium Hours
	OPERATOR	Cassandra Legros	04:00	00:00
	OPERATOR	Cassandra Legros	00:00	04:00

Log		
Date	Created By	Description
1/23/24	Cassandra Legros	Temagami North WTP Power Outage, 6030
<p>Received a call at 0938 for Temgami North loss of comm because there was no power for all Temagami North town due to an accident. I was not able to get to the facility due to the HWY closure therefore I logged in remotely and changed the setting from level to pressure to ensure the WTP made water for tower. I arrived on site at noon and monitored the generators at Cedar SPS and Spruce SPS. Power was restored at 1700. Changed the setting from pressure back to level, checked generators and tower. ok</p>		

Work Order Call Back Details Report

3764500: BCA Shut Down Temagami North 6030

Asset:

Location: 6030-WTTM

6030, Temagami North WTP

Page Time:	01/25/2024 05:45 PM
Arrive time:	01/25/2024 06:30 PM
Leave time:	01/25/2024 08:30 PM
Finish Time:	01/25/2024 08:30 PM
Report Date:	1/26/24
Reported By:	Bryce Logan
Supervisor:	

Site:	OCWASITE
Priority:	5
Work Type:	CALL
Status:	CLOSE
Classification	REFURBISH/REPLACE
GL Account:	TEMAGY6030-210M

Actual Labor				
Task ID	Craft	Labor	Regular Hours	Premium Hours
	SUPER	Bryce Logan	00:00	04:00

Log		
Date	Created By	Description
1/26/24	Bryce Logan	BCA Shut Down
Call for BCA Shut down . Filter 1 failed due to low raw flow. rest plant back into auto and tested operation and everything worked properly. Looks like the Actuator may be failing on raw control valve for the filter.		

Work Order Call Back Details Report

3847250: Chlorine Low Alarm Tem N WTP 6030

Asset:

Location: 6030-WTTM-P-DI 6030, Temagami North WTP, Process, Disinfection

Page Time:	03/02/2024 08:30 AM
Arrive time:	03/02/2024 09:30 AM
Leave time:	03/01/2024 01:00 PM
Finish Time:	03/04/2024 09:43 AM
Report Date:	3/4/24
Reported By:	Chris Barkhouse
Supervisor:	

Site:	OCWASITE
Priority:	5
Work Type:	CALL
Status:	COMP
Classification:	REFURBISH/REPLACE
GL Account:	TEMAGY6030-210M

Actual Labor				
Task ID	Craft	Labor	Regular Hours	Premium Hours
	INSTTECH	Chris Barkhouse	00:00	04:30

Log		
Date	Created By	Description
3/4/24	Chris Barkhouse	Called to come down and help swap out the old chlorine analyzer for a new setup. Verified calibration of new instrument. No calibration was needed at this time.

Work Order Call Back Details Report

3805896: low Temp temagami south WTP 6028

Asset:

Location: 6028-WTTM-F 6028, Temagami South WTP, Facility

Page Time:	02/20/2024 07:00 AM
Arrive time:	02/20/2024 07:05 AM
Leave time:	02/20/2024 07:30 AM
Finish Time:	02/20/2024 07:30 AM
Report Date:	2/20/24
Reported By:	Claude Mongrain
Supervisor:	

Site:	OCWASITE
Priority:	5
Work Type:	CALL
Status:	COMP
Classification	REFURBISH/REPLACE
GL Account:	TEMAGN6028-24CO

Actual Labor				
Task ID	Craft	Labor	Regular Hours	Premium Hours
	MECHANIC	Claude Mongrain	00:00	04:00

Log		
Date	Created By	Description
2/20/24	Claude Mongrain	call for tower lost com.
due to heater not working properly lost communication to tower call Berry to install temporely heater		

Work Order Call Back Details Report

3851552: Low Chlorine alarm Tem S WTP 6028

Asset: 0000277459 ANALYZER PH Temagami S WTP
Location: 6028-WTTM 6028, Temagami South WTP

Page Time:	03/27/2024 03:30 PM
Arrive time:	03/27/2024 04:30 PM
Leave time:	03/27/2024 08:45 PM
Finish Time:	03/27/2024 08:45 PM
Report Date:	3/28/24
Reported By:	Bryce Logan
Supervisor:	

Site:	OCWASITE
Priority:	5
Work Type:	CALL
Status:	COMP
Classification:	REFURBISH/REPLACE
GL Account:	TEMAGY6028-210M

Actual Labor				
Task ID	Craft	Labor	Regular Hours	Premium Hours
	SUPER	Bryce Logan	00:00	04:00

Log		
Date	Created By	Description
3/28/24	Bryce Logan	Low Chlorine Alarm
<p>Call for Low Chlorine , Found 2 decent holes in the chlorine line where it passes through the wall cut out the chunk of warn line and added a coupling . Primed the pumps and line and checked for any other leaks. Performed a CT Calc for worse case scenario and lowered the alarm for the plant shut down to move some of the water to the distribution as it was safe to do so. raised the Chlorine dosage from 4.8 to 5 mg/l to give it a little boost we will lower it once the clearwell is back to its normal operating range. Chlorine was at 1.11 by the time i left so i put the low level alarm back to 1.0 for chlorine so that all compliance parameters were good. tower is full and plant is still filling cearwell.</p>		

Work Order Call Back Details Report

3851688: Low Clear well Chlorine 6028

Asset: 0000277459 ANALYZER PH Temagami S WTP
Location: 6028-WTTM 6028, Temagami South WTP

Page Time:	03/29/2024 10:30 AM
Arrive time:	03/29/2024 10:45 AM
Leave time:	03/29/2024 12:00 PM
Finish Time:	03/29/2024 12:00 PM
Report Date:	3/29/24
Reported By:	Bryce Logan
Supervisor:	

Site:	OCWASITE
Priority:	5
Work Type:	CALL
Status:	COMP
Classification:	REFURBISH/REPLACE
GL Account:	TEMAGY6028-210M

Actual Labor				
Task ID	Craft	Labor	Regular Hours	Premium Hours
	SUPER	Bryce Logan	00:00	08:00

Log		
Date	Created By	Description
3/29/24	Bryce Logan	Low Clearwell Chlorine
<p>Found Over pressure valve bleeding back to the tank so chlorine was not making it to the clearwell. Adjusted the Backpressure regulator and shut the secondary valve off to stop it from bypassing. performed CT Calc for Worse Case Scenario turned up the hypo dosage from 5-5.5 mg/l to boost the chlorine in the clearwell. primed the pumps and verified the chlorine was getting to the injector. everything is back operational. All alarm set points returned to original settings plant back in Auto.</p>		