



**REGULAR MEETING OF COUNCIL
MONDAY, NOVEMBER 27TH, 2023 @ 7:00 P.M.**

3. PETITIONS & DELEGATIONS

- 3.1 Ginette Dupuis, Treasurer of Mattawa Museum – Re: Correction to Statement Made Last Meeting on Financial Statements**

4. CORRESPONDENCE

- 4.1 AMO – Re: Policy Update on 2023 Fall Economic Statement**
- 4.2 Municipality of Mattawan – Re: Resolution for Mattawa’s Draft Fireworks By-law**
- 4.3 Lions Children’s Christmas Telethon – Re: Invitation to Telethon on December 2nd**
- 4.4 OCWA – Re: Mattawa’s 3rd Quarter Water Report**
- 4.5 ROMA – Re: 2024 Annual Conference January 21-23**

**DR. S. F. MONESTIME MUNICIPAL COUNCIL CHAMBERS
160 WATER STREET, MATTAWA, ONTARIO**



REQUEST TO ADDRESS COUNCIL

If you would like to attend as a delegation before Council for the Town of Mattawa please submit this completed form by mail or in person to the Clerk at the Municipal Office, 160 Water Street Mattawa ON P0H 1V0, or by email to info@mattawa.ca. Staff will contact you once your submission has been received.

Please note that the deadline for delegation requests is the Tuesday at 5:00 p.m. prior to a Regular Council meeting. Regular Council meetings are held in the Council Chambers on the second and fourth Mondays of each month at 7:00 p.m.

Your Contact Information:

Name: _____

Phone Number: _____

Email Address: _____

Meeting Information:

Please indicate AT which meeting you would like to address Council:

Date: _____

Alternate Date: _____

Presentation Information:

Name of Organization (if applicable): _____

Name(s) and Title(s) of Presenter(s): _____

Subject Matter: _____

Will you be providing a PowerPoint, image or video for the presentation? Yes No

If Yes: PowerPoints, images or videos are required by 5:00 p.m. on the Friday prior to the meeting.

Privacy & Collection Statement

Personal information including names, addresses, opinions and comments, is collected under the authority of the Municipal Act, 2001. It will form part of the record of the meeting and therefore could be made publicly available. Questions about this collection may be directed to the Clerk.

Accessibility Formats & Accommodations Available

If you require this document in an alternative accessible format, please contact the Town of Mattawa Accessibility Coordinator, Wayne Chaput, at 705-744-5611 ext 203, or by email at wayne.chaput@mattawa.ca.

From: [AMO Communications](#)
To: [Amy Leclerc](#)
Subject: AMO Policy Update - 2023 Fall Economic Statement
Date: November 2, 2023 2:33:53 PM

AMO Policy Update not displaying correctly? [View the online version](#)
Add Communicate@amo.on.ca to your safe list

AMO Policy Update



November 2, 2023

Policy Update – 2023 Fall Economic Statement

This afternoon, the province released the [2023 Fall Economic Statement](#). The statement included two announcements related to the issues concerning municipalities.

The province has committed \$200 million over 3 years through the Housing-Enabling Water Systems Fund for the repair, rehabilitation and expansion of municipal water and wastewater infrastructure. AMO commends the province for these investments as a helpful step towards addressing gaps in municipal funding to support growth. Provincial program details, including the ability of upper-tier municipalities to access funding, have yet to be confirmed. AMO has requested to be a part of program design and will continue to advocate to all levels of government for increased capacity to help municipalities deliver services and invest in infrastructure as we support growth and build more homes.

The province has announced the creation of an Ontario Infrastructure Bank with an initial \$3 billion in funding. The agency would help to fund large-scale infrastructure projects, including long-term care homes, energy infrastructure, affordable housing, municipal and community infrastructure and transportation. AMO looks forward to further details regarding the Ontario Infrastructure Bank and how it can help address urgent municipal infrastructure needs across the province.

The Statement also included details regarding the provincial commitment to remove the full provincial portion of HST on qualifying new purpose-built rental housing. AMO welcomes this greater emphasis on enhancing the supply of rental and affordable housing.

*Disclaimer: The Association of Municipalities of Ontario (AMO) is unable to provide any warranty regarding the accuracy or completeness of third-party submissions. Distribution of these items does not imply an endorsement of the views, information or services mentioned.

4.2

From: [Paul Laperriere](#)
To: [Amy Leclerc](#)
Subject: FW: Mattawa (Town) Draft By-law 2023-XX - Fireworks: Review
Date: November 13, 2023 10:58:11 AM
Attachments: [image001.png](#)
[Resolution 2023-128 Mattawa Fireworks By-Law.pdf](#)

Fyi and correspondence for Nov 27th meeting.

Paul.

Paul Laperriere, CPA, CA
Interim CAO/Treasurer
Town of Mattawa
(705) 744 - 5611

From: Joanne Montreuil <admin@mattawan.ca>
Sent: November 10, 2023 11:43 AM
To: Wayne Chaput <wayne.chaput@mattawa.onmicrosoft.com>; admin@papineaucameron.ca
Cc: Paul Laperriere <cao@mattawa.ca>
Subject: RE: Mattawa (Town) Draft By-law 2023-XX - Fireworks: Review

Good morning Wayne,

Attached is the resolution that was passed at last night's Council meeting.

Thank you,

JoAnne Montreuil,
Clerk Treasurer,
Municipality of Mattawan

From: Wayne Chaput <wayne.chaput@mattawa.onmicrosoft.com>
Sent: October 24, 2023 9:07 AM
To: admin@papineaucameron.ca; Joanne Montreuil <admin@mattawan.ca>
Cc: Paul Laperriere <cao@mattawa.ca>
Subject: FW: Mattawa (Town) Draft By-law 2023-XX - Fireworks: Review

Good morning Vanessa and JoAnne

As discussed on the phone, the Town of Mattawa has drafted a new Fireworks By-law and will be passing it this year. Council wanted to share it with our neighbouring municipalities to make them aware of what we will be doing.

Should you have any questions don't hesitate to contact me.

Thank you,

A handwritten signature in black ink, appearing to read 'Wayne Chaput', with a long horizontal line extending to the right.

Wayne Chaput, MLEO (C) CPSO
By-Law & Property Standards Officer
160 Water Street
P.O. Box 390
Mattawa, ON
Tel: 705-744-5611
Fax: 705-744-0104
Email: wayne.chaput@mattawa.ca


THE CORPORATION OF THE MUNICIPALITY OF MATTAWAN

DATE November 9, 2023 Resolution No. 2023 - 128

MOVED BY Councillor LAHAYE

SECONDED BY Councillor EDWARDS

BE IT RESOLVED that ~~the~~ the municipality of Mattawan
will not support Draft By Law 2023-14 - Fireworks
Bylaw

CARRIED Mayor Murphy 

DIVISION VOTE

NAME OF MEMBER OF COUNCIL	YEAS	NAYS
<u>Councillor Bell</u>	_____	_____
<u>Councillor Edwards</u>	_____	_____
<u>Councillor Lahaye</u>	_____	_____
<u>Councillor Lemaire</u>	_____	_____



4.3

LIONS CHILDREN'S CHRISTMAS TELETHON

P.O. Box 884, North Bay, ON P1B 8K1

1-705-472-4420

chair@lionschildrenstelethon.com
secretary@lionschildrenstelethon.com

www.lionschildrenstelethon.com
www.facebook.com/LionsTelethonNB

November 10th, 2023

Dear Raymond A. Belanger,

It's getting to be that time of year which means the **Lions Children's Christmas Telethon** is just around the corner on **December 2nd** at North Bay's YourTV Studio from Noon to 7pm.

We would like to extend an invitation to you to participate in this great event!

We are giving you an opportunity to participate in the telethon by sharing your story of how the telethon, and the local Lions Clubs, has had an impact on your community.

This year we will be conducting the interviews during the Telethon at **YourTV Studio in North Bay**. Please note there are no scheduled times but if you have a preferred time frame let us know and we will do our best to accommodate you within 30 minutes or you can just show up (you will have to wait but it shouldn't take long).

Thank you for considering this and we hope you will have time in your busy schedules to attend or send a representative.

Sincerely,

Verner Presse

Lion Verner Presse
Chairman - Lions Children's Christmas Telethon
705-498-9918

Lions Children's Christmas Telethon is Sat Dec 2, 2023 noon-7pm
COGECO YourTV CH 12 or 700 an livestreamed at www.lionschildrenstelethon.com





It's the 77th Lions Children's Christmas Telethon Saturday December 2, 2023

Broadcast from Noon to 7:00pm
Watch the Telethon on YourTV Channel 12
It will be Livestreamed at
www.lionschildrenstelethon.com



**Help Us Support Families And Children In
Need At Christmas In Our Areas:**
**Arnstein, Bonfield, Burk's Falls, Callander,
Kearney, Mattawa, Restoule, Rutherglen,
South River, Strong, and Sundridge**

SATURDAY DECEMBER 2, 2023
CALL BETWEEN NOON AND 7PM TO MAKE A PLEDGE!
YOU CAN CALL 705-478-6698 OR 705-478-7328
IN MATTAWA CALL 705-744-2802

MAKE A PLEDGE ONLINE OR USE PAYPAL AT www.lionschildrenstelethon.com
NEW! SEND ETRANSFER TO Telethon@lionschildrenstelethon.com



SYSTEM OVERVIEW

July 1st to September 30th , 2023

OPERATIONAL HIGHLIGHTS

Drinking Water System

- The water treatment system operated well during the third quarter.
- 371 Louis St. - Town of Mattawa Public Works staff completed a service line repair on August 17, 2023. Leak was at the curb stop. So they made the repair there. Public Works staff was able to keep the pressure above 20 psi, they notified all affected residents. Approx. 16 houses affected by the lower water pressure. After repair lines were flushed and checked for chlorine residual to ensure proper disinfection.
- 398 McKenzie St. – On August 30, 2023, the Town of Mattawa Public Works staff completed a water service repair/replacement. They dug down and assessed the condition of the copper and made repair. Once the repair was made they flushed the service and made sure proper disinfection is restored. They completed the work with no disruption to surrounding services and no lowering of water pressure.
- New internet service installed. Faster speeds expected to eliminate nuisance communication loss alarms.
- Mattawa’s consultant JP2G prepared a report after divers reviewed infrastructure following flooding this spring. The report recommends trenching the watermain crossing to prevent future flood damage from recurring.

Wastewater Treatment

- The wastewater treatment system performed well during the third quarter.
- Sewage lift stations cleaned.

CAPITAL PLAN PROGRESS

Drinking Water System

- Purchase ultrasonic flowmeter. New flowmeter is proving to be very successful at correcting the erratic readings of the magnetic flowmeter. Ultrasonic flowmeter is not negatively affected by changes in conductivity due to sodium hypochlorite injection upstream. Form 2 and Director’s Notification completed.

Wastewater Treatment

- N/A

ASSET MANAGEMENT

See Appendix A - Work Order summary for water treatment plant (WTP)
 See Appendix B - Work Order summary for wastewater treatment lagoon (WWTL)

CALL-OUT SUMMARY

See Appendix C – Call-out Report for WTP
 See Appendix D - Call-out Report for WWTL

REGULATORY

- All drinking water samples required under O. Regulation 170/03 were collected and tested in the third quarter of 2023 and all results fell within regulatory limits.
- There was no Ministry of the Environment, Conservation and Parks (MECP) or Ministry of Labour (MOL) inspections conducted this quarter.
- Quarterly trihalomethanes (THM), haloacetic acids (HAA), Nitrate and Nitrite sampling completed July 26, 2023.
- Annual above ground well inspections completed June 8, 2023, for both wells.
- Operational Plan updated June 26, 2023 due to recent internal audit findings.
- Annual contingency test/review on CP-06 Security Breach completed on September 15, 2023.
- All sewage samples required under the system’s C of A collected and tested in the third quarter of 2023.

INCIDENTS AND COMPLAINTS

Mattawa Drinking Water System

Incident	N/A
Date	
Details	

Mattawa Wastewater System

Incident	N/A
Date	
Details	

HEALTH AND SAFETY

- Staff training completed on FEP Binder.
- Staff training completed on SDS/MSDS.
- Staff training completed on Lone Worker Protection.

MATTAWA DRINKING WATER SYSTEM PERFORMANCE

See Appendix E – Performance Assessment Report Water

MATTAWA WASTEWATER TREATMENT LAGOON – WASTEWATER FLOW SUMMARY

See Appendix E – Performance Assessment Report Wastewater



Appendix A - Work Order Summary for WTP

Workorder Summary Report

 Report Start Date: Jul 1, 2023 12:00 AM
 Report End Date: Sep 30, 2023 11:59 PM
 Location: 1517*
 Work Order Type: CAP,CORR,OPER,PM
 Work Order Class:

				WorkOrder		PM Schedule		Workorder Details					
WO #	Asset ID	Asset Description	Location Description	Type	Class	FEQ	Units	Work Order Description	Status	Schedule Start	Actual Start	Actual Finsh	WorkLog Detail
3461143	0000328760	GENERATOR ELECTRIC DIESEL	1517, Mattawa DWS	PM	Refurbish/ Replace/Repair	1	MONTHS	Generator Monthly Test (1m) 1517	COMP	7/1/23 12:00 AM	10/13/23 08:05 AM	10/13/23 08:05 AM	Generator Monthly Test (1m) 1517 - Completed generator monthly check All OK
3461146			1517, Mattawa DWS	PM	Calibration	1	MONTHS	UVR Reference Sensor check (UV#1) (1m / 1y) 1517	COMP	7/1/23 12:00 AM	10/13/23 08:03 AM	10/13/23 08:03 AM	UVR Reference Sensor check (UV#1) (1m / 1y) 1517 - Completed UV reference sensor check, UV 1 Passed
3461151			1517, Mattawa DWS	PM	Calibration	1	MONTHS	UVR Reference Sensor check (UV#2) (1m / 1y) 1517	COMP	7/1/23 12:00 AM	10/13/23 08:04 AM	10/13/23 08:04 AM	UVR Reference Sensor check (UV#2) (1m / 1y) 1517 - Completed UV reference sensor check, UV 2 Passed
3461156	0000349404	ANALYZER UV REFERENCE #1	1517, Mattawa DWS	PM	Calibration	0		0000349404 ANALYZER UV REFERENCE #1	COMP	7/1/23 12:00 AM	10/13/23 08:04 AM	10/13/23 08:04 AM	
3461161	0000349405	ANALYZER UV REFERENCE #2	1517, Mattawa DWS	PM	Calibration	0		0000349405 ANALYZER UV REFERENCE #2	COMP	7/1/23 12:00 AM	10/13/23 08:04 AM	10/13/23 08:04 AM	
3461166	0000349406	ANALYZER UV #2 DUTY #1	1517, Mattawa DWS	PM	Calibration	0		0000349406 ANALYZER UV #2 DUTY #1	COMP	7/1/23 12:00 AM	10/13/23 08:04 AM	10/13/23 08:04 AM	
3461171	0000349408	ANALYZER UV #2 DUTY #2	1517, Mattawa DWS	PM	Calibration	0		0000349408 ANALYZER UV #2 DUTY #2	COMP	7/1/23 12:00 AM	10/13/23 08:04 AM	10/13/23 08:04 AM	
3461231			1517, Mattawa DWS	PM	Inspection	3	MONTHS	Replace UV Air Filters 1517	COMP	7/1/23 12:00 AM	10/13/23 08:03 AM	10/13/23 08:03 AM	Replace UV Air Filters 1517 - Changed all 4 filters on both units
3461239	0000328767	ANALYZER UV PORTABLE	1517, Mattawa DWS	PM	Inspection	1	MONTHS	UVT Analyzer calibration to yellow box (1m) 1517	COMP	7/1/23 12:00 AM	10/13/23 08:07 AM	10/13/23 08:07 AM	UVT Analyzer calibration to yellow box (1m) 1517 - Verified Optiview to Yellow box, Within specs
3461260			1517, Mattawa DWS	PM	Inspection	1	MONTHS	Critical Alarm Dialer Route (1m) - 1517	COMP	7/1/23 12:00 AM	10/13/23 08:07 AM	10/13/23 08:07 AM	
3461269			1517, Mattawa DWS	PM	Health and Safety	1	MONTHS	Health And Safety Inspection (1m) 1517	COMP	7/1/23 12:00 AM	10/13/23 08:08 AM	10/13/23 08:08 AM	Health And Safety Inspection (1m) 1517 - Completed at time of generator check, all OK, no outstanding issues noted
3461282	0000328758	VALVE REGULATING	1517, Mattawa DWS	PM	Inspection	1	MONTHS	Valve Regulating Inspection (1m) 1517	COMP	7/1/23 12:00 AM	10/13/23 08:08 AM	10/13/23 08:08 AM	Valve Regulating Inspection (1m) 1517 - Valves visually inspected weekly and operated monthly, all ok no issues

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				WorkOrder		PM Schedule		Workorder Details					
WO #	Asset ID	Asset Description	Location Description	Type	Class	FEQ	Units	Work Order Description	Status	Schedule Start	Actual Start	Actual Finsh	WorkLog Detail
3461439			1517, Mattawa DWS	PM	Calibration	1	MONTHS	Analyzer Chlorine Inspection/ Service (1m) 1517	COMP	7/1/23 12:00 AM	10/13/23 08:10 AM	10/13/23 08:10 AM	Analyzer Chlorine Inspection/ Service (1m) 1517 - All OK, no issues found at this time
3506712			1517, Mattawa DWS	PM	Inspection	6	MONTHS	CL2 sensor change Electrolyte and membrane cap (6m) 1517	COMP	8/1/23 12:00 AM	10/13/23 08:11 AM	10/13/23 08:11 AM	CL2 sensor change Electrolyte and membrane cap (6m) 1517 - CHanged electrolyte, cleaned flow cell, all ok
3506719	0000328787	ANALYZER UV TRANSMITTANCE	1517, Mattawa DWS	PM	Refurbish/ Replace/Repair	3	MONTHS	UV Transmitter Optiview calibration (3m) 1517	COMP	8/1/23 12:00 AM	10/13/23 08:12 AM	10/13/23 08:12 AM	UV Transmitter Optiview calibration (3m) 1517 - Verified Optiview to Yellow box, Yellow box 99.9/ Optiview 99.8. within specs all ok
3506730	0000328760	GENERATOR ELECTRIC DIESEL	1517, Mattawa DWS	PM	Refurbish/ Replace/Repair	1	MONTHS	Generator Monthly Test (1m) 1517	COMP	8/1/23 12:00 AM	10/13/23 08:12 AM	10/13/23 08:12 AM	Generator Monthly Test (1m) 1517 - Monthly generator test completed all oK
3506733			1517, Mattawa DWS	PM	Calibration	1	MONTHS	UVR Reference Sensor check (UV#1) (1m / 1y) 1517	COMP	8/1/23 12:00 AM	10/13/23 08:13 AM	10/13/23 08:13 AM	UVR Reference Sensor check (UV#1) (1m / 1y) 1517 - UV reference sensor check completed, UV 1 Passed, all OK
3506736			1517, Mattawa DWS	PM	Calibration	1	MONTHS	UVR Reference Sensor check (UV#2) (1m / 1y) 1517	COMP	8/1/23 12:00 AM	10/13/23 08:14 AM	10/13/23 08:14 AM	UVR Reference Sensor check (UV#2) (1m / 1y) 1517 - UV reference sensor check completed, UV 2 Passed, all OK
3506739	0000349404	ANALYZER UV REFERENCE #1	1517, Mattawa DWS	PM	Calibration	0		0000349404 ANALYZER UV REFERENCE #1	COMP	8/1/23 12:00 AM	10/13/23 08:14 AM	10/13/23 08:14 AM	
3506742	0000349405	ANALYZER UV REFERENCE #2	1517, Mattawa DWS	PM	Calibration	0		0000349405 ANALYZER UV REFERENCE #2	COMP	8/1/23 12:00 AM	10/13/23 08:14 AM	10/13/23 08:14 AM	
3506745	0000349406	ANALYZER UV #2 DUTY #1	1517, Mattawa DWS	PM	Calibration	0		0000349406 ANALYZER UV #2 DUTY #1	COMP	8/1/23 12:00 AM	10/13/23 08:14 AM	10/13/23 08:14 AM	
3506748	0000349408	ANALYZER UV #2 DUTY #2	1517, Mattawa DWS	PM	Calibration	0		0000349408 ANALYZER UV #2 DUTY #2	COMP	8/1/23 12:00 AM	10/13/23 08:14 AM	10/13/23 08:14 AM	
3506809			1517, Mattawa DWS	PM	Inspection	6	MONTHS	CL2 sensor change Electrolyte and membrane cap (POE) (6m) 1517	COMP	8/1/23 12:00 AM	10/13/23 08:14 AM	10/13/23 08:14 AM	CL2 sensor change Electrolyte and membrane cap (POE) (6m) 1517 - Cleaned flow cell, changed electrolye and cap. All OK

Workorder Summary Report

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 Report End Date: Sep 30, 2023 11:59 PM
 Location: 1517*
 Work Order Type: CAP,CORR,OPER,PM
 Work Order Class:

				WorkOrder		PM Schedule		Workorder Details					
WO #	Asset ID	Asset Description	Location Description	Type	Class	FEQ	Units	Work Order Description	Status	Schedule Start	Actual Start	Actual Finsh	WorkLog Detail
3506816	0000328767	ANALYZER UV PORTABLE	1517, Mattawa DWS	PM	Inspection	1	MONTHS	UVT Analyzer calibration to yellow box (1m) 1517	COMP	8/1/23 12:00 AM	10/13/23 08:15 AM	10/13/23 08:15 AM	UVT Analyzer calibration to yellow box (1m) 1517 - Verified Optiview to Yellwo box, Within specs, All OK
3506837			1517, Mattawa DWS	PM	Inspection	1	MONTHS	Critical Alarm Dialer Route (1m) - 1517	COMP	8/1/23 12:00 AM	10/13/23 08:15 AM	10/13/23 08:15 AM	
3506846			1517, Mattawa DWS	PM	Health and Safety	1	MONTHS	Health And Safety Inspection (1m) 1517	COMP	8/1/23 12:00 AM	10/13/23 08:16 AM	10/13/23 08:16 AM	Health And Safety Inspection (1m) 1517 - checkedall buildings, all OK, Gathered salt and snow shovels in prep for winter.
3506859	0000328758	VALVE REGULATING	1517, Mattawa DWS	PM	Inspection	1	MONTHS	Valve Regulating Inspection (1m) 1517	COMP	8/1/23 12:00 AM	10/13/23 08:17 AM	10/13/23 08:17 AM	Valve Regulating Inspection (1m) 1517 - All valves operating as they should
3506933			1517, Mattawa DWS	PM	Calibration	1	MONTHS	Analyzer Chlorine Inspection/ Service (1m) 1517	COMP	8/1/23 12:00 AM	10/13/23 08:18 AM	10/13/23 08:18 AM	Analyzer Chlorine Inspection/ Service (1m) 1517 - Analyzer compared to Hand held unit, Within 5% difference all ok
3514094	0000349401	PUMP DIAPHRAGM 03 SODIUM HYPOCHLORITE	1517, Mattawa DWS	PM	Refurbish/ Replace/Repair	1	YEARS	Pump Diaphragm Inspection (1y) 1517	COMP	8/1/23 12:00 AM	10/13/23 08:19 AM	10/13/23 08:19 AM	
3552512	0000328760	GENERATOR ELECTRIC DIESEL	1517, Mattawa DWS	PM	Refurbish/ Replace/Repair	1	MONTHS	Generator Monthly Test (1m) 1517	COMP	9/1/23 12:00 AM	10/13/23 08:20 AM	10/13/23 08:20 AM	Generator Monthly Test (1m) 1517 - Monthly generator test completed all OK
3552515			1517, Mattawa DWS	PM	Calibration	1	MONTHS	UVR Reference Sensor check (UV#1) (1m / 1y) 1517	COMP	9/1/23 12:00 AM	11/15/23 11:18 AM	11/15/23 11:18 AM	UVR Reference Sensor check (UV#1) (1m / 1y) 1517 - UV #1 passed monthly reference check 0.95
3552518			1517, Mattawa DWS	PM	Calibration	1	MONTHS	UVR Reference Sensor check (UV#2) (1m / 1y) 1517	COMP	9/1/23 12:00 AM	11/15/23 11:20 AM	11/15/23 11:20 AM	UVR Reference Sensor check (UV#2) (1m / 1y) 1517 - UV #2 reference check completed passed 0.85
3552521	0000349404	ANALYZER UV REFERENCE #1	1517, Mattawa DWS	PM	Calibration	0		0000349404 ANALYZER UV REFERENCE #1	COMP	9/1/23 12:00 AM	11/15/23 11:20 AM	11/15/23 11:20 AM	
3552524	0000349405	ANALYZER UV REFERENCE #2	1517, Mattawa DWS	PM	Calibration	0		0000349405 ANALYZER UV REFERENCE #2	COMP	9/1/23 12:00 AM	11/15/23 11:20 AM	11/15/23 11:20 AM	
3552527	0000349406	ANALYZER UV #2 DUTY #1	1517, Mattawa DWS	PM	Calibration	0		0000349406 ANALYZER UV #2 DUTY #1	COMP	9/1/23 12:00 AM	11/15/23 11:20 AM	11/15/23 11:20 AM	

Workorder Summary Report

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				WorkOrder		PM Schedule		Workorder Details					
WO #	Asset ID	Asset Description	Location Description	Type	Class	FEQ	Units	Work Order Description	Status	Schedule Start	Actual Start	Actual Finsh	WorkLog Detail
3552530	0000349408	ANALYZER UV #2 DUTY #2	1517, Mattawa DWS	PM	Calibration	0		0000349408 ANALYZER UV #2 DUTY #2	COMP	9/1/23 12:00 AM	11/15/23 11:20 AM	11/15/23 11:20 AM	
3552593	0000328767	ANALYZER UV PORTABLE	1517, Mattawa DWS	PM	Inspection	1	MONTHS	UVT Analyzer calibration to yellow box (1m) 1517	COMP	9/1/23 12:00 AM	11/15/23 12:01 PM	11/15/23 12:01 PM	UVT Analyzer calibration to yellow box (1m) 1517 - Checked Optiview against yellow box within specs 100%/99.9%
3552617			1517, Mattawa DWS	PM	Inspection	1	MONTHS	Critical Alarm Dialer Route (1m) - 1517	COMP	9/1/23 12:00 AM	11/15/23 12:02 PM	11/15/23 12:02 PM	Critical Alarm Dialer Route (1m) - 1517 - Checked alarm dialer, dialing out to security company no issues at this time
3552630			1517, Mattawa DWS	PM	Health and Safety	1	MONTHS	Health And Safety Inspection (1m) 1517	COMP	9/1/23 12:00 AM	10/20/23 11:36 AM	10/20/23 11:36 AM	
3552643	0000328758	VALVE REGULATING	1517, Mattawa DWS	PM	Inspection	1	MONTHS	Valve Regulating Inspection (1m) 1517	COMP	9/1/23 12:00 AM	11/15/23 12:02 PM	11/15/23 12:02 PM	Valve Regulating Inspection (1m) 1517 - Valves checked visually daily, no visible signs of defect
3552735			1517, Mattawa DWS	PM	Calibration	1	MONTHS	Analyzer Chlorine Inspection/ Service (1m) 1517	COMP	9/1/23 12:00 AM	10/20/23 11:37 AM	10/20/23 11:37 AM	
3571764			1517, Mattawa DWS	CAP	Refurbish/ Replace/Repair	0		Dehumidifier for WTP	COMP		9/8/23 02:15 PM	9/8/23 02:15 PM	Dehumidifier for WTP - Dehumidifier was purchased in order to get rid of excessive moisture in summer months that adversely affects electronic equipment and can cause rust and mold.



Appendix B - Work Order Summary for WWTL

Workorder Summary Report

 Report Start Date: Jul 1, 2023 12:00 AM
 Report End Date: Sep 30, 2023 11:59 PM
 Location: 1541*
 Work Order Type: CAP,CORR,OPER,PM
 Work Order Class:

				WorkOrder		PM Schedule		Workorder Details					
WO #	Asset ID	Asset Description	Location Description	Type	Class	FEQ	Units	Work Order Description	Status	Schedule Start	Actual Start	Actual Finsh	WorkLog Detail
3461296			1541, Mattawa Wastewater System	PM	Inspection	1	MONTHS	Alarm Dialer Route (1m) - 1541	COMP	7/1/23 12:00 AM	10/13/23 08:08 AM	10/13/23 08:08 AM	
3461303			1541, Mattawa Wastewater System	PM	Health and Safety	1	MONTHS	Health And Safety Inspection (1m) 1541	COMP	7/1/23 12:00 AM	10/13/23 08:09 AM	10/13/23 08:09 AM	Health And Safety Inspection (1m) 1541 - All walking areas clear of debris, checked areas around buildings where snow piles, all clear
3465376			1541, Mattawa Wastewater System	PM	Refurbish/ Replace/Repair	1	MONTHS	Pump Submersible Group Inspection (1m) 1541	COMP	7/1/23 12:00 AM	10/13/23 08:21 AM	10/13/23 08:21 AM	Pump Submersible Group Inspection (1m) 1541 - Pump checked for operation weekly, all OK
3482028	0000328888	TANK STORAGE ALUM	1541, Mattawa Wastewater System	PM	Refurbish/ Replace/Repair	1	MONTHS	Tank Alum Inspection (1m) - 1541	COMP	7/16/23 12:00 AM	10/13/23 08:11 AM	10/13/23 08:11 AM	Tank Alum Inspection (1m) - 1541 - Alum tank inspected weekly, no issues found
3506870			1541, Mattawa Wastewater System	PM	Inspection	1	MONTHS	Alarm Dialer Route (1m) - 1541	COMP	8/1/23 12:00 AM	10/13/23 08:17 AM	10/13/23 08:17 AM	
3506877			1541, Mattawa Wastewater System	PM	Health and Safety	1	MONTHS	Health And Safety Inspection (1m) 1541	COMP	8/1/23 12:00 AM	10/13/23 08:17 AM	10/13/23 08:17 AM	
3510314			1541, Mattawa Wastewater System	PM	Refurbish/ Replace/Repair	1	MONTHS	Pump Submersible Group Inspection (1m) 1541	COMP	8/1/23 12:00 AM	10/13/23 08:19 AM	10/13/23 08:19 AM	Pump Submersible Group Inspection (1m) 1541 - All pumps, wetwells, panels checked weekly, All ingood operation, no issues at this time
3525348	0000328888	TANK STORAGE ALUM	1541, Mattawa Wastewater System	PM	Refurbish/ Replace/Repair	1	MONTHS	Tank Alum Inspection (1m) - 1541	COMP	8/16/23 12:00 AM	10/13/23 08:20 AM	10/13/23 08:20 AM	Tank Alum Inspection (1m) - 1541 - Inspected Alum tank, No leaks, no signs of damage, all ok
3526575			1541, Mattawa Wastewater System	PM	Refurbish/ Replace/Repair	0		Replacement bulbs and sleeves for WWTP uv lights	COMP		8/30/23 02:11 PM	8/30/23 02:11 PM	New bulbs and sleeves for WWTP uv lights -Parts to be ordered from Trojan tech. Quote # QO0007467. 5 UV Lamp Kits: Parts List - Five (5) LAMP P, SLV KIT 64" PTP/3B 4PK EACH KIT INCLUDES: 1 X 302418-004 LAMPS 1 X 302208-004 SLEEVES 4 X 302300 O-RING, SLEEVE 4 X 302314 O-RING, SLEEVE 4 X 700105 COMPRESSION SPR

Workorder Summary Report

 Report Start Date: Jul 1, 2023 12:00 AM
 Report End Date: Sep 30, 2023 11:59 PM
 Location: 1541*
 Work Order Type: CAP,CORR,OPER,PM
 Work Order Class:

				WorkOrder		PM Schedule		Workorder Details					
WO #	Asset ID	Asset Description	Location Description	Type	Class	FEQ	Units	Work Order Description	Status	Schedule Start	Actual Start	Actual Finsh	WorkLog Detail
3552657			1541, Mattawa Wastewater System	PM	Inspection	1	MONTHS	Alarm Dialer Route (1m) - 1541	COMP	9/1/23 12:00 AM	11/15/23 12:03 PM	11/15/23 12:03 PM	
3552668			1541, Mattawa Wastewater System	PM	Health and Safety	1	MONTHS	Health And Safety Inspection (1m) 1541	COMP	9/1/23 12:00 AM	10/20/23 11:29 AM	10/20/23 11:29 AM	
3556759			1541, Mattawa Wastewater System	PM	Refurbish/ Replace/Repair	1	MONTHS	Pump Submersible Group Inspection (1m) 1541	COMP	9/1/23 12:00 AM	11/15/23 12:03 PM	11/15/23 12:03 PM	Pump Submersible Group Inspection (1m) 1541 - All pumps, stations, wetwells, Panels, checked weekly, no issues at this time.
3570849	0000328874	GENERATOR ELECTRIC DIESEL BACKUP POWER	1541, Mattawa Wastewater System	PM	Refurbish/ Replace/Repair	1	MONTHS	Generator Monthly Test (1m) 1541	COMP	9/3/23 12:00 AM	11/15/23 12:05 PM	11/15/23 12:05 PM	Generator Monthly Test (1m) 1541 - Checked generators all ok
3570852	0000328842	GENERATOR ELECTRIC DIESEL 601 MCKENZIE ST.	1541, Mattawa Wastewater System	PM	Refurbish/ Replace/Repair	1	MONTHS	Generator Monthly Test (1m) 1541	COMP	9/3/23 12:00 AM	11/15/23 12:05 PM	11/15/23 12:05 PM	Generator Monthly Test (1m) 1541 - Monthly generator test OK
3570855	0000328901	GENERATOR ELECTRIC DIESEL	1541, Mattawa Wastewater System	PM	Refurbish/ Replace/Repair	1	MONTHS	Generator Monthly Test (1m) 1541	COMP	9/3/23 12:00 AM	11/15/23 12:06 PM	11/15/23 12:06 PM	Generator Monthly Test (1m) 1541 - Monthly generator test OK
3573634	0000328888	TANK STORAGE ALUM	1541, Mattawa Wastewater System	PM	Refurbish/ Replace/Repair	1	MONTHS	Tank Alum Inspection (1m) - 1541	COMP	9/16/23 12:00 AM	10/20/23 11:30 AM	10/20/23 11:30 AM	
3574649			1541, Mattawa Wastewater System	CAP	Predictive Maintenance	0		Mattawa Sewage Pump Stations: Wet Well Cleaning	COMP		9/29/23 11:18 AM	9/29/23 11:18 AM	Mattawa Sewage Pump Stations: Wet Well Cleaning - Cleaned all lift stations and lagoon inlet chamber Sep 26, 2023



Appendix C - Call-out Report for WTP

Workorder Summary Report

 Report Start Date: Jul 1, 2023 12:00 AM
 Report End Date: Sep 30, 2023 11:59 PM
 Location: 1517*
 Work Order Type: CALL,EMER
 Work Order Class:

				WorkOrder		PM Schedule		Workorder Details					
WO #	Asset ID	Asset Description	Location Description	Type	Class	FEQ	Units	Work Order Description	Status	Schedule Start	Actual Start	Actual Finsh	WorkLog Detail
3479079			1517, Mattawa DWS	CALL	Refurbish/ Replace/Repair	0		Low chlorine Mattawa DWS	CLOSE		6/29/23 07:35 PM	7/2/23 03:47 AM	Low chlorine Mattawa -Received alarm at 1935, arrived on site at 2115. Checked foot valves and pump 2 foot valve had plastic shavings. Cleaned foot valve and returned to service. Replaced fitting on pump 2 going into metcom panel. Replaced discharge and vent valves on pump 1. Issues with flow switch, had to move them to get them reading properly.
3481788			1517, Mattawa DWS	CALL	Refurbish/ Replace/Repair	0		Chlorine pump fault	COMP		7/8/23 03:30 AM	7/8/23 06:00 AM	Chlorine pump fault - Arrived to plant to find both chlorine pumps in flow fault. Pump #2 flow indicator light was solid red. Moved unit and light went out. Reset faults on pump. Reset fault on sure feed. Acknowledged alarm on SCADA and plant started automatically.
3481789			1517, Mattawa DWS	CALL	Refurbish/ Replace/Repair	0		Chlorine pump fault	COMP		7/9/23 12:00 PM	7/9/23 04:00 PM	Chlorine pump fault - Reset flow alarm on pumps, Pump #2 flow indicator running fine. No light on Pump #1 indicator. Cleared alarms and plant started automatically. Replaced pipe and inner parts of the flow indicator for chlorine pump #1. Purged air out of line and indicator light now works. The tip of the magnetic bob was broken off and wedged in the upper piece that it normally sits in.

Workorder Summary Report

 Report Start Date: Jul 1, 2023 12:00 AM
 Report End Date: Sep 30, 2023 11:59 PM
 Location: 1517*
 Work Order Type: CALL,EMER
 Work Order Class:

				WorkOrder		PM Schedule		Workorder Details					
WO #	Asset ID	Asset Description	Location Description	Type	Class	FEQ	Units	Work Order Description	Status	Schedule Start	Actual Start	Actual Finsh	WorkLog Detail
3482894			1517, Mattawa DWS	CALL	Refurbish/ Replace/Repair	0		Emergency Water off at 271 Tenth ST	COMP		7/8/23 03:00 PM	7/21/23 12:05 PM	Emergency Water off at 271 Tenth ST - Called by Barry Jackson for emergency water off at 271 10th st as customers basement was flooding. I called curtis as he was the oncall operator, we discussed the issue and figured it would be quicker for me to get there and shut it off. I arrived uncovered the standpipe, had to blow out and flush the standpipe as it was full of sand. Shut the water off and the resident advised they would fix the issue and call on monday for a water ON. JD
3483454			1517, Mattawa DWS	CALL	Refurbish/ Replace/Repair	0		Low chlorine Mattawa DWS	COMP		7/20/23 08:50 PM	7/25/23 12:48 PM	Low chlorine Mattawa DWS -Received low chlorine alarm, arrived on site and checked foot valves, ok. Primed both pumps, changed vent valve on pump 2. Increased factors of chlorine dosage. Monitored chlorine residuals, maintained residuals
3525683			1517, Mattawa DWS	CALL	Refurbish/ Replace/Repair	0		Emergency Water Off 521 Mcconnel St	COMP		8/7/23 09:15 AM	8/17/23 04:00 PM	Emergency Water Off 521 Mcconnel St - Called by Mattawa call center for emergency water off due to leak in basement. Arrived and shut off water. Customer was to fix the leak and call the town tomorrow for a turn on
3525684			1517, Mattawa DWS	CALL	Refurbish/ Replace/Repair	0		Emergency Water Off- Mattawa Dental Clinic- 1517	COMP		8/7/23 05:00 PM	8/17/23 04:03 PM	
3526164			1517, Mattawa DWS	CALL	Refurbish/ Replace/Repair	0		Low UVT alarm	COMP		8/15/23 06:15 PM	8/15/23 09:45 PM	Low UVT alarm - Optiview had two alarms: Cleaning needs to be done, and low transmittance. Tried to clean lens twice but fault came back on each time. Switched UV bulb with new one and fault cleared. Started plant to monitor process.

Workorder Summary Report

 Report Start Date: Jul 1, 2023 12:00 AM
 Report End Date: Sep 30, 2023 11:59 PM
 Location: 1517*
 Work Order Type: CALL,EMER
 Work Order Class:

				WorkOrder		PM Schedule		Workorder Details					
WO #	Asset ID	Asset Description	Location Description	Type	Class	FEQ	Units	Work Order Description	Status	Schedule Start	Actual Start	Actual Finsh	WorkLog Detail
3571280			1517, Mattawa DWS	CALL	Refurbish/Replace/Repair	0		Curb stop shut off at 221 6th Street	COMP		9/2/23 10:30 AM	9/2/23 02:30 PM	Curb stop shut off at 221 6th Street - Received call from Northern Comm regarding requested curb stop shut off at 221 6th Street. Turned off water at 1220. Plumber on site to address issue. Turned water back on to building at 1320 once fix was made.
3572840			1517, Mattawa DWS	CALL	Refurbish/Replace/Repair	0		Chlorine pump fault	COMP		9/8/23 10:00 PM	9/9/23 12:00 AM	Chlorine pump fault - Call at 22:08 for chlorine pump fail. Left for site. Arrived at 23:00 to find both chlorine pumps in FLOW fault. Purged both pumps and flow indicator working. Cleared alarms and plant automatically started.
3574642			1517, Mattawa DWS	CALL	Refurbish/Replace/Repair	0		Water off @ 655 Valois Dr	COMP		9/17/23 09:15 AM	9/17/23 11:00 AM	Water off @ 655 Valois Dr - Called by town of mattawa call centre for emergency water off @ 655 Valois DR. Called the customer and got more details on the issue. Water was leaking before thier main shut off and ould fail at anytime and wants the water to be shut asap as plumber is onsite. Arrived and shut the water off. Waited 10 mins for the plumber to make the reopair. Water back on all OK. JD

Workorder Summary Report

Report Start Date: Jul 1, 2023 12:00 AM
 Report End Date: Sep 30, 2023 11:59 PM
 Location: 1517*
 Work Order Type: CALL,EMER
 Work Order Class:

				WorkOrder		PM Schedule		Workorder Details					
WO #	Asset ID	Asset Description	Location Description	Type	Class	FEQ	Units	Work Order Description	Status	Schedule Start	Actual Start	Actual Finsh	WorkLog Detail
3574643			1517, Mattawa DWS	CALL	Refurbish/ Replace/Repair	0		Low Chlorine Alarm-1517	COMP		9/16/23 09:30 AM	9/16/23 12:00 PM	Low Chlorine Alarm-1517 - Called by Telus alarms for low chlorine level at Mattawa WTP. Arrived and found the plant to be in lockout for low alarm. Checked the chlorine pumps. Both had air in the lines and P1 was not pumping correctly. Changed P1 with spare pump. Changed the footvalves on both pumps on the tank inlet lines. Flushed the system to get chlorinated water into the analyzers and system. Restarted the plant. Waited while the plant ran for 45 mins, all seems ok. Pumps are pumping properly and holding their prime. JD



Appendix D – Call-out Report for WWTL

Workorder Summary Report

 Report Start Date: Jul 1, 2023 12:00 AM
 Report End Date: Sep 30, 2023 11:59 PM
 Location: 1541*
 Work Order Type: CALL,EMER
 Work Order Class:

				WorkOrder		PM Schedule		Workorder Details					
WO #	Asset ID	Asset Description	Location Description	Type	Class	FEQ	Units	Work Order Description	Status	Schedule Start	Actual Start	Actual Finsh	WorkLog Detail
3479080			1541, Mattawa Wastewater System	CALL	Refurbish/ Replace/Repair	0		High level at McKenzie street lift station	COMP		7/2/23 01:47 AM	7/5/23 12:26 PM	High level at McKenzie lift station -Received high level alarm at McKenzie lift station at 0147, arrived on site at 0315. Reset pump and pumped down wet well. No issues.
3479467			1541, Mattawa Wastewater System	EMER	Refurbish/ Replace/Repair	0		McKenzie SPS: Emergency Pump Troubleshooting and Installation	CLOSE		7/4/23 09:56 AM	7/4/23 09:56 AM	McKenzie SPS: Emergency Pump Troubleshooting and Installation - Called by Monique M at 0812 for pump fault at Mckenzie. pump wont reset. other pump out for repairs. picked up confined space trailer in callander. met Josh D onsite. installed new/rebuilt pump runs/ pumps good. pulled other pump and cleaned impellar. appears to be ok now. TF July2/23 McKenzie SPS: Emergency Pump Troubleshooting and Installation - Received alarm at 0750 for high level alarm at McKenzie street lift station. Called Tim for assistance to pull pump. Josh D came onto site with rebuilt pump. Installed rebuilt pump and pulled pump #2 and unclogged pump. McKenzie SPS: Emergency Pump Troubleshooting and Installation - Called by monique for multiple issues at 601 Mckenzie. Plugged pump multiple times. Met monique and tim onsite. Installed rebuilt pump. Installed new junction box. Verified pump was running OK. Pulled pump 2 cleaned out volute and impellor.. All seems OK JD
3483455			1541, Mattawa Wastewater System	CALL	Refurbish/ Replace/Repair	0		Burglary alarm at 451 bissette street	COMP		7/24/23 08:50 PM	7/25/23 12:53 PM	Burglary alarm at 451 Bissette -Received burglary alarm at lift station. Arrived on site, fence and building secured. Cleaned off the contacts on the door and seemed ok.

Workorder Summary Report

Report Start Date: Jul 1, 2023 12:00 AM
 Report End Date: Sep 30, 2023 11:59 PM
 Location: 1541*
 Work Order Type: CALL,EMER
 Work Order Class:

				WorkOrder		PM Schedule		Workorder Details					
WO #	Asset ID	Asset Description	Location Description	Type	Class	FEQ	Units	Work Order Description	Status	Schedule Start	Actual Start	Actual Finsh	WorkLog Detail
3575480			1541, Mattawa Wastewater System	CALL	Inspection	0		Intruder alarm 451 Bissett St	COMP		9/25/23 09:45 PM	9/25/23 11:30 PM	Intruder alarm 451 Bissett St - Received intrusion alarm for 451 Bissett St. Arrived on site, door was locked and alarm still active. Cleared alarm but could not reenable when leaving. Suspect faulty door magnet sensors. Locked facility and left without arming.



Appendix E - Performance Assessment Report Water

**Mattawa Drinking Water System
Performance Assessment Report Water**

From: 01/07/2023 to 30/09/2023

Report extracted 11/15/2023 11:54

Facility: [1517] MATTAWA DRINKING WATER SYSTEM

Works: [210001905]

	07/2023	08/2023	09/2023	<--Total-->	<--Avg.-->	<--Max.-->	<--Min.-->
Flows:							
Raw Flow: Monthly Total - Well #1 (m³)	41795.46	39543.97	32873.37	114212.81			
Raw Flow: Monthly Total - Well #2 (m³)	3342.7	1753.78	4189.68	9286.16			
Raw Flow: Monthly Avg - Well #1 (m³/d)	1348.24	1275.61	1095.78		1239.88		
Raw Flow: Monthly Avg - Well #2 (m³/d)	107.83	56.57	139.66		101.35		
Raw Flow: Monthly Max - Well #1 (m³/d)	1594.44	1628.11	1293.32			1628.11	
Raw Flow: Monthly Max - Well #2 (m³/d)	410.3	406.22	406.03			410.3	
Raw Flow: Monthly Total - Raw Water - Total (m³)	45138.16	41297.75	37063.05	123498.97			
Raw Flow: Monthly Avg - Raw Water - Total (m³/d)	1456.07	1332.19	1235.44		1341.23		
Raw Flow: Monthly Max - Raw Water - Total (m³/d)	1935.61	1658.44	1638.38			1935.61	
Turbidity:							
Raw: Max Turbidity - Well #1 (NTU)	0.25	0.27	0.26			0.27	
Raw: Max Turbidity - Well #2 (NTU)	0.28	0.26	0.28			0.28	
Chemical Parameters:							
Treated: Max Nitrite - TW (mg/L)	< 0.003					< 0.003	
Treated: Max Nitrate - TW (mg/L)	1.79					1.79	
Distribution: Max THM - DW (ug/L)	4.4					4.4	
Distribution: Max HAA - DW (ug/L)	< 5.3					< 5.3	
Chlorine Residuals:							
Treated: Min Free Cl2 Resid - TW (mg/L)	0.169	0.406	0.12				0.12
Treated: Max Free Cl2 Resid - TW (mg/L)	3.83	3.617	3.844			3.844	
Dist: Min Free Cl2 Resid - DW (mg/L)	0.167	0.42	0.218				0.167
Dist: Max Free Cl2 Resid - DW (mg/L)	1.744	1.821	2.259			2.259	
Bacteriological Samples Collected:							
Raw Bacteriological: # of samples - Well #1	4	5	4	13			
Raw Bacteriological: # of samples - Well #2	4	5	4	13			
Treated Bacteriological: # of samples - TW	4	5	4	13			
Dist Bacteriological: # of samples - DW	12	15	12	39			
Treated Bacteriological: # of TC exceedances - TW	0	0	0	0			
Treated Bacteriological: # of EC exceedances - TW	0	0	0	0			
Dist Bacteriological: # of TC exceedances - DW	0	0	0	0			
Dist Bacteriological: # of EC exceedances - DW	0	0	0	0			



Appendix F - Performance Assessment Report Wastewater

Performance Assessment Report

From: 01/07/2023 to 30/09/2023

1541 MATTAWA WASTEWATER TREATMENT FACILITY 110000436

	7 / 2023	8 / 2023	9 / 2023	<--Total-->	<--Avg-->	<--Max-->
Flows						
Raw Flow: Total - Raw m³/d	22,425.97	22,145.13	18,980.45	63,551.55		
Raw Flow: Avg - Raw m³/d	723.42	714.36	632.68		690.78	
Raw Flow: Max - Raw m³/d	869.21	876.91	745.38			876.91
Raw Flow: Count - Raw m³/d	31.00	31.00	30.00	92.00		
Eff. Flow: Total - Eff m³/d	22,425.97	22,145.13	18,980.45	63,551.55		
Eff. Flow: Avg - Eff m³/d	723.42	714.36	632.68		690.78	
Eff. Flow: Max - Eff m³/d	869.21	876.91	745.38			876.91
Eff Flow: Count - Eff m³/d	31.00	31.00	30.00	92.00		
Carbonaceous Biochemical Oxygen Demand: CBOD						
Eff: Avg cBOD5 - Eff mg/L	13.90	17.50	18.10		16.50	18.10
Eff: # of samples of cBOD5 - Eff	1.00	1.00	1.00	3.00		
Loading: cBOD5 - Eff kg/d	0.390	0.354	0.413		11.40	0.41
Biochemical Oxygen Demand: BOD5						
Raw: Avg BOD5 - Raw mg/L	162.00	250.00	144.30		185.43	250.00
Raw: # of samples of BOD5 - Raw	1.00	1.00	1.00	3.00		
Eff: Avg BOD5 - Eff mg/L	16.50	18.10	19.70		18.10	19.70
Eff: # of samples of BOD5 - Eff	1.00	1.00	1.00	3.00		
Loading: BOD5 - Eff kg/d	0.463	0.366	0.450		12.50	0.46
Percent Removal: BOD5 - Raw %	0.00	0.00	0.00		0.00	
Total Suspended Solids: TSS						
Raw: Avg TSS - Raw mg/L	145.00	289.00	153.00		195.67	289.00
Raw: # of samples of TSS - Raw	1.00	1.00	1.00	3.00		
Eff: Avg TSS - Eff mg/L	34.40	33.00	42.10		36.50	42.10
Eff: # of samples of TSS - Eff	1.00	1.00	1.00	3.00		
Loading: TSS - Eff kg/d	0.965	0.667	0.961		25.21	0.96
Percent Removal: TSS - Raw %	0.00	0.00	0.00		0.00	
Total Phosphorus: TP						
Raw: Avg TP - Raw mg/L	3.85	3.35	3.40		3.53	3.85

Performance Assessment Report

From: 01/07/2023 to 30/09/2023

Raw: # of samples of TP - Raw

	1.00		1.00		1.00		3.00		
Eff: Avg TP - Eff mg/L	0.55		1.23		2.27			1.34	2.27
Eff: # of samples of TP - Eff	4.00		5.00		4.00		13.00		
Loading: TP - Eff kg/d	0.017		0.019		0.044			0.92	0.04
Percent Removal: TP - Raw %	0.00		0.00		0.00			0.00	

Nitrogen Series

Eff: Avg TAN - Eff mg/L

	6.75		2.31		12.48			6.81	12.48
Eff: Avg NO3-N - Eff mg/L	< 1.00	<	1.00	<	0.00			< 0.67	<
Eff: # of samples of NO3-N - Eff	1.00		1.00		1.00		3.00		
Eff: Avg NO2-N - Eff mg/L	1.14		0.97		0.02			0.71	1.14
Eff: # of samples of NO2-N - Eff	1.00		1.00		1.00		3.00		

From: [Rural Ontario Municipal Association](#)
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ROMA 2024 Annual Conference
Closer to Home
January 21 – 23, 2024
Sheraton Centre Hotel, Toronto

The ROMA Board of Directors is pleased to announce Shane Feldman as the *Closer to Home* opening keynote speaker.

Shane Feldman



Shane Feldman:
The Future of Work, Building Better Relationships,
Creating Engaged Communities

Shane Feldman believes community is the answer to every question and the solution to every problem. Having researched community leadership in 30 countries, Feldman has uncovered

universal strategies for building engaged communities. Today, he helps leading organizations, including Fortune 500s, optimize team culture and leadership for increased talent and client retention. Feldman shows audiences how to cultivate community-centred environments and strategies that enable them to perform at their highest levels.

In this digital age of distraction and disconnection, leaders are facing a community crisis spanning all generations. Feldman's "Leadership Passport" framework helps counteract this crisis by equipping leaders with the strategies needed to cultivate community, build better relationships, and increase engagement. He has worked with such dynamic brands as Disney, YPO, Google, TD Bank, Shopify, and Kaiser Permanente.

Named one of North America's Top 40 Under 40 LGBTQ2+ Leaders, Feldman has been recognized by the White House, the Prime Minister of Canada, and the United Nations for his accomplishments in community leadership. He has also been featured in top media outlets including Oprah, Larry King, Dr. Oz, Forbes, and People magazine. Feldman is also the subject of a documentary TV series from A&E, which followed his community building work.

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Don't miss this important event where as a local leader you will hear first hand from provincial leaders, participate in networking and educational sessions that will strengthen the work you do for your community.



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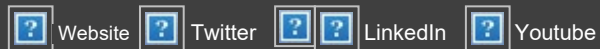
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