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## **AGENDA**

**Annual Business Meeting of the  
Niagara Falls Water Board  
March 23, 2026 at 5:00 p.m.**

**Water Treatment Plant Conference Room  
5815 Buffalo Avenue, Niagara Falls New York 14304**

**Meeting may be attended in person  
or via videoconference – visit NFWB.org for details.**

### **1. Preliminary Matters**

- a. Call To Order**
- b. Pledge of Allegiance to the Flag of the United States of America**
- c. Attendance: Cole \_\_\_\_ Dean \_\_\_\_ Kimble \_\_\_\_ Sirianni \_\_\_\_ Weiss \_\_\_\_**
- d. Public Comments (all other topics):** Speakers must register with the Secretary by 5:00 p.m. and are limited to three minutes per person – total time for all speakers may not exceed one hour.
- e. Correspondence**
- f. Prior Meeting Minutes**
  - i. Draft February 23, 2026 Business Meeting Minutes**

### **2. Executive Director & General Counsel – Sean Costello**

- a. Hazen and Sawyer Presentation on Recommended Treatment Technology for Wastewater Treatment Plant Upgrades**

3. **Finance – Deborah Ziolkowski**
  - a. **Bank Account Balance Report**
  - b. **Invested Funds Balance Report**
  - c. **Wilmington Trust Account Report**
  
4. **Administrative Services – Caleb Holman**
  - a. **March 23, 2026 Personnel Actions**
  
5. **Engineering – Douglas Williamson**
  
6. **Outside Infrastructure Updates – Michael Eagler, Sr.**
  
7. **Information & Operational Technology (IT & OT) – Jonathan Joyce or Elton Mensah-Selby**
  
8. **February 2026 Operations and Maintenance Report**
  - a. **2026-03-18 - E3communications Activity Report**
  
9. **Resolutions**

**2026-03-001 – ELECTION OF OFFICERS AND COMMITTEE CHAIRPERSONS**

**2026-03-002 – ACCEPTING PROPOSAL FOR WWTP HYDRAULIC STUDY**

- a. **2026-03-17 - Hazen and Sawyer Proposal for Hydraulic Study**

**2026-03-003 – ACCEPTING PROPOSAL FOR WWTP UNINTERRUPTIBLE POWER SUPPLY REPLACEMENTS**

- a. **2026-02-13 - Motion AI Proposal for UPS Replacement**

**10. Unfinished/Old Business**

**11. New Business & Additional Items for Discussion**

**12. Executive Session (if needed)**

**13. Adjournment of Meeting**



## MINUTES

**Business Meeting of the  
Niagara Falls Water Board  
February 23, 2026 at 5:00 p.m.**

**Water Treatment Plant Conference Room  
5815 Buffalo Avenue, Niagara Falls New York 14304**

**Meeting could be attended in person or via videoconference. Minutes do not represent a complete summary of all matters discussed. Complete video recordings of meetings are posted online at: <https://tinyurl.com/nfwbMedia>.**

### **1. Preliminary Matters**

#### **a. Call To Order**

*Chairman Sirianni called the meeting to order at 5:00 p.m.*

#### **b. Pledge of Allegiance to the Flag of the United States of America**

#### **c. Attendance: Cole Present, Dean Present, Kimble Present via Zoom, Sirianni Present, Weiss Present via Zoom.**

#### **d. Public Comments**

#### **e. Correspondence**

##### **i. 2026-01-30 - Thank You Note From NFCSD Superintendent**

**f. Prior Meeting Minutes**

**i. Draft January 26, 2026 Business Meeting Minutes**

*Motion by Board Member Dean and seconded by Board Member Kimble to accept the January 26, 2026 business meeting minutes.*

*Cole   Y   Dean   Y   Kimble   Y   Sirianni   Y   Weiss   Y*

*Motion carried, 5-0.*

**2. Executive Director & General Counsel – Sean Costello**

**a. WWTP PER Update**

*Mr. Costello provided an update on the Preliminary Engineering Report due to the NYSDEC. His presentation slides are attached to these minutes. The Board requested a presentation by Hazen and Sawyer at its next meeting.*

**3. Finance – Deborah Ziolkowski**

- a. Bank Account Balance Report**
- b. Invested Funds Balance Report**
- c. Wilmington Trust Account Report**

*Ms. Ziolkowski noted that bank reconciliations were not completed for much of 2025, and these are proving time consuming. Because all required documents are not ready, the auditors will be scheduled to perform their on-site work in April.*

*Progress continues on the implementation of Tyler Technologies online payment system. The company currently is in the process of setting up a merchant account for the NFWB.*

**4. Administrative Services – Caleb Holman**

**a. February 23, 2026 Personnel Actions**

*Mr. Holman noted that in February, occupational stress training was offered at both treatment plants. This training was delivered by WNYCOSH.*

*Motion by Board Member Dean and seconded by Board Member Cole to approve Line Item 1 on the February 23, 2026 Personnel Actions, authorization to hire a CDT Team Leader to fill an anticipated vacancy.*

*Cole Y Dean Y Kimble Y Weiss Y Sirianni Y*

*Motion carried, 5-0.*

*Motion by Board Member Weiss and seconded by Board Member Dean to approve Line Item 2 on the February 23, 2026 Personnel Actions, appointment of Louis Fratello from CDT Team Leader to Foreman from the Civil Service List for that position established January 22, 2026.*

*Cole Y Dean Y Kimble Y Weiss Y Sirianni Y*

*Motion carried, 5-0.*

*Chairman Sirianni noted that it has been a focus of the Board to appoint qualified people as demonstrated in part by passing Civil Service tests and congratulated those noted on the Personnel Actions sheet as having passed.*

#### **5. Engineering – Douglas Williamson**

*Mr. Williamson is working on annual reports required by the Mercury Minimization Plan and Pollutant Minimization Plan. We have had no mercury excursions for several years, and there have been two permit violations for alpha-BHC, which we continue to work to address.*

*Mr. Williamson also discussed evaluation of a 30” cast iron pipe at the WWTP by Encourus. We are waiting for their report. If the pipe must be replaced, it likely will be the subject of a resolution for the next Board meeting.*

#### **6. Outside Infrastructure Updates – Michael Eagler, Sr.**

*Mr. Eagler noted that water main breaks are down somewhat this year from the number at the same time last year. However, there have been many more instances of frozen water service lines due to the extended cold. Outside maintenance is contacted to turn off water at the street where there is frozen internal plumbing and no working internal shutoff valve.*

*Outside maintenance will be busy this summer with water main replacement contract work as well as a large sewer rehabilitation project on Calumet.*

*Mr. Eagler expressed appreciation for customer service and for the WTP operators who take after-hours calls. They deal with community members who are upset and rarely are thanked when repairs are completed.*

**7. Information & Operational Technology (IT & OT) – Jonathan Joyce or Elton Mensah-Selby**

*Mr. Mensah-Selby discussed progress in deploying new switches, which are installed after business hours to minimize disruptions. Work continues on upgrading UPS units at the WWTP, testing new SCADA software for the WTP, and working with National Grid for a pole attachment agreement to install a camera to better monitor the Gorge Pump Station.*

**8. January 2026 Operations and Maintenance Report**

**a. 2026-02-18 - E3communications Activity Report**

*Mr. Costello noted that E3communications will provide a monthly activity report to help keep the Board informed of efforts to obtain funding for NFWB projects.*

**9. Resolutions**

**2026-02-001 – PROCUREMENT OF GAS CHROMATOGRAPH FOR HALOACETIC ACID ANALYSIS**

**a. 2026-01-21 - Quote for Agilent Gas Chromatograph**

*Motion by Board Member Dean and seconded by Chairman Sirianni to approve.*

*Cole Y Dean Y Kimble Y Weiss Y Sirianni Y*

*Motion carried, 5-0.*

**2026-02-002 - RENEWAL OF NEPTUNE 360 METER DATA MANAGEMENT, THREE YEARS OF SERVICE**

**a. 2026-02-17 - Ti-SALES Quote - 3 Years of Neptune 360**

*Motion by Board Member Dean and seconded by Board Member Kimble to approve.*

*Cole Y Dean Y Kimble Y Weiss Y Sirianni Y*

*Motion carried, 5-0.*

**2026-02-03 - AWARD BID FOR EMERGENCY REPAIR CONTRACT**

- a. **2026-02-16 - CPL Award Recommendation and Bid Tabulation -  
Emergency Repair Contract**

*Motion by Board Member Dean and seconded by Board Member Cole to approve.*

*Cole   Y   Dean   Y   Kimble   Y   Weiss   Y   Sirianni   Y*

*Motion carried, 5-0.*

**2026-02-004 - CHANGE ORDER 1 AND FINAL FOR J.R. SWANSON CONTRACT FOR  
15 INCH SANITARY SEWER REPLACEMENT, 600 BLOCK OF 88TH STREET**

- a. **2026-02-10 - Change Order 1 - JR Swanson - 15 Inch Sanitary Sewer Repair  
- 600 Block of 88th Street**

*Motion by Board Member Kimble and seconded by Board Member Dean to approve.*

*Cole   Y   Dean   Y   Kimble   Y   Weiss   Y   Sirianni   Y*

*Motion carried, 5-0.*

**2026-02-005 - ZERO COST CHANGE ORDER FOR JR SWANSON CONTRACT  
FOR 10 INCH SANITARY SEWER REPLACEMENT, 78TH STREET AND  
LINDBERGH AVENUE**

- a. **2026-02-03 - Zero Cost Change Order - JR Swanson - 10 Inch Sanitary  
Sewer Repair, 78th and Lindbergh**

*Motion by Board Member Kimble and seconded by Chairman Sirianni to approve.*

*Cole   Y   Dean   Y   Kimble   Y   Weiss   Y   Sirianni   Y*

*Motion carried, 5-0.*

**10. Unfinished/Old Business**

**11. New Business & Additional Items for Discussion**

**12. Executive Session (if needed)**

**13. Adjournment of Meeting**

*Motion by Board Member Kimble and seconded by Board Member Weiss to adjourn the meeting at 6:10 p.m.*

*Cole   Y   Dean   Y   Kimble   Y   Weiss   Y   Sirianni   Y*

*Motion carried, 5-0.*

**Niagara Falls Water Board**  
**Bank on Buffalo & Keybank Account Balances**  
**Year 2026**

Month	Acct #	Account Name	Begin. Balance	Deposits	Payments	Transfers	Net Change	Ending Balance	P/Y Ending Balance
<b>January</b>	X4873	Board Account	91,624.83	0.00	0.00	0.00	0.00	91,624.83	91,624.83
	X4881	O&M Reserve	5,625,181.00	0.00	0.00	0.00	0.00	5,625,181.00	5,625,722.63
	X4899	Depository-BOB	9,618,302.54	3,090,152.84	0.00	(4,926,491.87)	(1,836,339.03)	7,781,963.51	5,913,383.17
	X9220	Depository-Keybank	4,556,664.01	206,046.67	0.00	0.00	206,046.67	4,762,710.68	1,322,696.21
	X4906	Payroll	78,519.34	1,850.00	(606,895.70)	723,271.95	118,226.25	196,745.59	293,000.30
	X4914	Benefits	16,224.11	0.00	(7,064.39)	3,391.17	(3,673.22)	12,550.89	11,049.74
	X0643	Operating	991,789.53	0.00	(3,795,714.25)	4,199,828.75	404,114.50	1,395,904.03	1,259,379.49
	X4445	Grants	134.68	0.00	0.00	0.00	0.00	134.68	134.68
		<b>Totals</b>	<b>20,978,440.04</b>	<b>3,298,049.51</b>	<b>(4,409,674.34)</b>	<b>0.00</b>	<b>(1,111,624.83)</b>	<b>19,866,815.21</b>	<b>14,516,991.05</b>

Month	Acct #	Account Name	Begin. Balance	Deposits	Payments	Transfers	Net Change	Ending Balance	P/Y Ending Balance
<b>February</b>	X4873	Board Account	91,624.83	0.00	0.00	0.00	0.00	91,624.83	91,624.83
	X4881	O&M Reserve	5,625,181.00	0.00	0.00	0.00	0.00	5,625,181.00	5,625,181.00
	X4899	Depository	7,781,963.51	2,236,299.22	0.00	(1,686,166.83)	550,132.39	8,332,095.90	5,794,510.92
	X9220	Depository-Keybank	4,762,710.68	158,174.63	0.00		158,174.63	4,920,885.31	1,458,609.55
	X4906	Payroll	196,745.59	0.00	(577,565.40)	586,866.75	9,301.35	206,046.94	517,559.70
	X4914	Benefits	12,550.89	0.00	(11,242.65)	10,621.23	(621.42)	11,929.47	16,797.58
	X0643	Operating	1,395,904.03	0.00	(1,012,860.21)	1,088,678.85	75,818.64	1,471,722.67	1,043,218.23
	X4445	Grants	134.68	1,529,935.86	(17.00)	0.00	1,529,918.86	1,530,053.54	134.68
		<b>Totals</b>	<b>19,866,815.21</b>	<b>3,924,409.71</b>	<b>(1,601,685.26)</b>	<b>0.00</b>	<b>2,322,724.45</b>	<b>22,189,539.66</b>	<b>14,547,636.49</b>

# Niagara Falls Water Board

1865 Wealth Advisors (Bank on Buffalo/CNB Bank)

Treasury Account

Year 2026

Month	Beginning Balance	Net Deposits (Withdrawals)	Transfers to Depository	Change in Value	Ending Balance	Prior Year Ending Balance
January	15,155,369.65	0.00	0.00	46,333.30	15,201,702.95	15,563,917.34
February	15,201,702.95	0.00	0.00	43,917.54	15,245,620.49	15,614,527.35

**Niagara Falls Water Board**  
**Wilmington Trust (M&T Bank) Account Balances**  
**Year 2026**

<u>Month</u>	<u>Acct #</u>	<u>Account Name</u>	<u>Begin. Balance</u>	<u>Deposits</u>	<u>Payments</u>	<u>Transfers</u>	<u>Investment Income</u>	<u>Ending Balance</u>	<u>P/Y Ending Balance</u>
<b>January</b>	X3250	Debt Service	3,159,564.71	918,064.04	(347,167.45)	0.00	11,345.92	3,741,807.22	3,056,022.55
	X3251	Construction	999.78	0.00	0.00	0.00	3.09	1,002.87	964.69
	X3252	Debt Service Reserve	8,146,312.91	0.00	0.00	0.00	29,690.03	8,176,002.94	7,826,737.52
	X9279	Expense Account	16,079.32	0.00	0.00	0.00	0.00	16,079.32	16,079.32
	X4118-0	2022A DSF	901,086.42	344,486.44	(531,643.13)	0.00	2,302.85	716,232.58	530,520.50
	X4118-1	2022A Issuance	9,619.92	0.00	0.00	0.00	0.00	9,619.92	9,619.92
	X2722	Capital Fund Construction	357,671.70	0.00	0.00	0.00	1,067.96	358,739.66	3,890,755.66
<b>Totals</b>			<b>12,591,334.76</b>	<b>1,262,550.48</b>	<b>(878,810.58)</b>	<b>0.00</b>	<b>44,409.85</b>	<b>13,019,484.51</b>	<b>15,330,700.16</b>

<u>Month</u>	<u>Acct #</u>	<u>Account Name</u>	<u>Begin. Balance</u>	<u>Deposits</u>	<u>Payments</u>	<u>Transfers</u>	<u>Investment Income</u>	<u>Ending Balance</u>	<u>P/Y Ending Balance</u>
<b>February</b>	X3250	Debt Service	3,741,807.22	0.00	0.00	0.00	10,533.36	3,752,340.58	3,986,038.96
	X3251	Construction	1,002.87	0.00	0.00	0.00	2.78	1,005.65	967.49
	X3252	Debt Service Reserve	8,176,002.94	0.00	0.00	0.00	27,058.49	8,203,061.43	7,853,262.53
	X9279	Expense Account	16,079.32	0.00	0.00	0.00	0.00	16,079.32	16,079.32
	X4118-0	2022A DSF	716,232.58	0.00	0.00	0.00	1,909.63	718,142.21	877,365.80
	X4118-1	2022A Issuance	9,619.92	0.00	0.00	0.00	0.00	9,619.92	9,619.92
	X2722	Capital Fund Construction	358,739.66	0.00	(321,205.52)	0.00	681.16	38,215.30	3,902,061.93
<b>Totals</b>			<b>13,019,484.51</b>	<b>0.00</b>	<b>(321,205.52)</b>	<b>0.00</b>	<b>40,185.42</b>	<b>12,738,464.41</b>	<b>16,645,395.95</b>

**Niagara Falls Water Board  
Personnel Actions and Report  
Monday, March 23, 2026**

**Personnel Actions Sheet & Requested of the Board.**  
All appointments are subject to the appointee meeting the minimum qualifications and all applicable civil service conditions.

<b>A. PERSONNEL ACTIONS RECOMMEND TO HIRE</b>				
Line Item Number	Position	Department/Location	Pay Grade / Rate	ADDITIONAL INFORMATION
1	Engineering Systems Technician	Engineering	Grade 18A / \$27.46 - \$34.46 hr.	To be filled in place of Sanitary Engineer, due to difficulty in filling the Sanitary Engineer position.
2	Accountant	Finance	Grade 20A / \$29.83 - \$37.67 hr.	To be filled in lieu of Deputy Director of Financial Services.
3	Operator Trainee	Wastewater Operations	Grade 1 / \$25.06 - \$27.28 hr.	To fill vacancy created by C. Conway resignation.

<b>B. RECOMMENDED PROMOTION / MOVE / APPOINTMENT</b>				
Line Item Number	Name and Position	Department/Location	Change in pay rate or grade	ADDITIONAL INFORMATION

<b>C. PREVIOUSLY TABLED PERSONNEL ACTIONS</b>				
Line Item Number	Action and Position	Department/Location	Pay Rate or Grade	ADDITIONAL INFORMATION

<b>D. OTHER PERSONNEL ACTIVITY FOR BOARD NOTIFICATION</b>				
Name	Position	Department/Location	Pay Grade / Rate	ADDITIONAL INFORMATION
Cameron Cowburn	Compliance Officer/Industrial Waste Inspector	Enforcement	Grade 18A-1.0 / \$27.46	Provisional/Probationary appointment 3/30/2026 per PA approved 01/26/2026. Civil Service exam requested 3/13/2026. Position advertised (Indeed.com).
Louis Fratello	Foreman	Collection and Distribution	Grade 21B-1.3 / \$32.15	Permanent/Probationary appointment 3/1/2026 per PA approved 02/26/2026. Previously CDT Team Leader, Grade 13C-4.3 / \$31.90. Passing score on Civil Service List established January 22, 2026.
Cortez Bradberry	CDT Team Leader	Collection and Distribution	Grade 13C-4.3 / \$29.30	Probationary appointment 3/1/2026 per PA approved 02/26/2026. Previously Foreman, Grade 21B-4.3 / \$35.27. Senior qualified candidate to bid per posting procedure.
Dennis Kirkland	Shift Operation Supervisor	Wastewater Operations	Grade 21B-4.2 / \$35.27	Return to acting Shift Operation Supervisor appointment.
Curtis Conway	Operator Trainee	Wastewater Operations	Grade 1-4.1 / \$26.34	Resignation effective 4/3/2026.

<b>E. PERSONNEL ON LONG TERM LEAVE OF ABSENCE</b>				
Position	Last Day Worked	Dept.	Return Status	Comments
Shift Operation Supervisor	1/2/2026	Wastewater Operations	TBD	FMLA

# **MONTHLY OPERATIONS & MAINTENANCE REPORT**

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## **February 2026**



# NIAGARA FALLS WATER BOARD

## Monthly O&M Report

### for the Month of February 2026

#### I. Treatment & Plant Maintenance

##### A. Water – Robert Rowe, updated 03-10-2026.

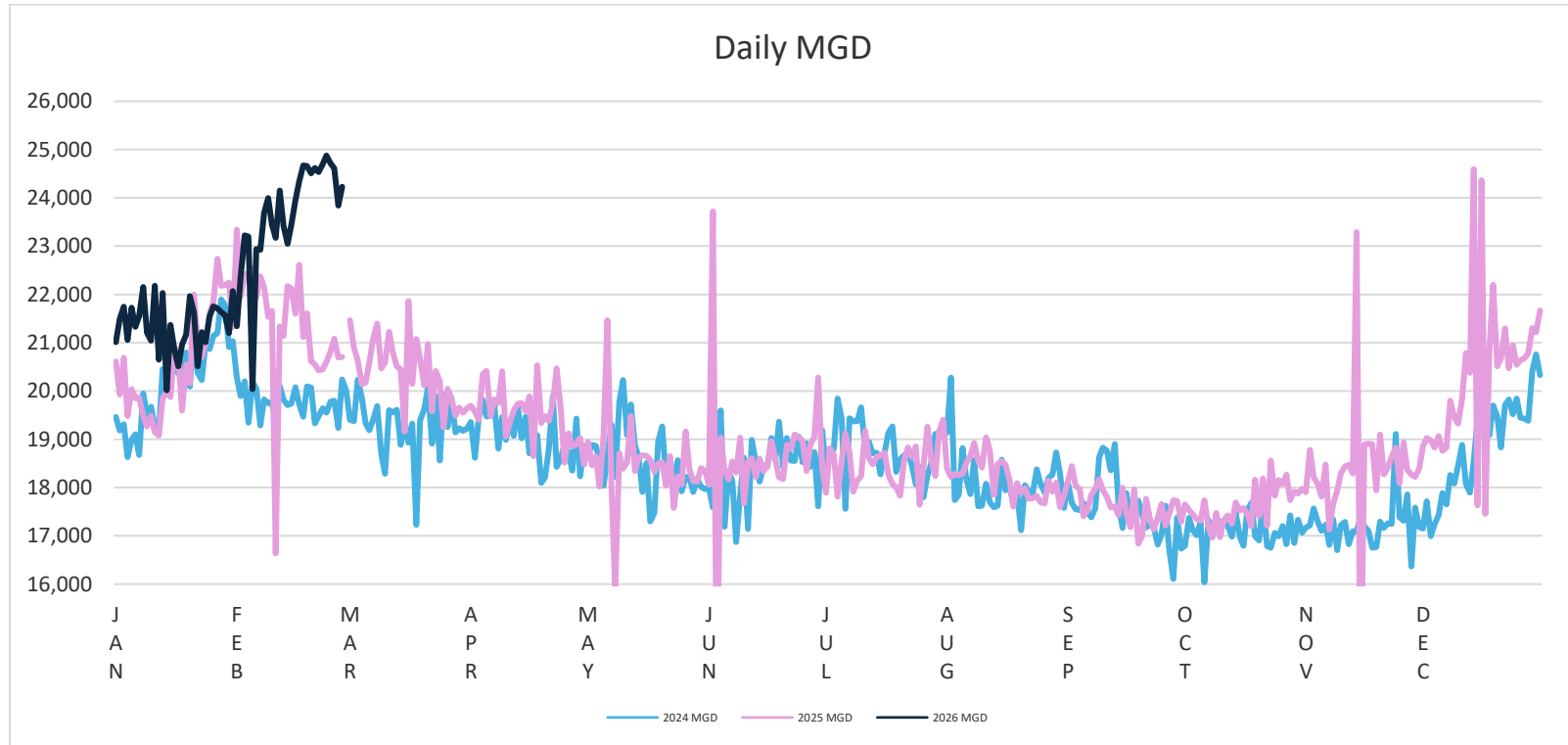
##### 1. Water Production Data

Total water production for the month of February was 663 million gallons. The average daily water production was 23.7 million gallons, over 2 million gallons per day higher than January. This increase likely relates to water main breaks in the distribution system and the need to use larger volumes of water for filter backwashes. Additional backwashes were necessary because of seasonal impacts on the raw water. The chart below shows the trend line of higher flows. The plant data summary table is included below for your reference.

#### 2026 TOTALS AND AVERAGES

	R/W	PRE CL2	PACL	H2SiF6	PO4	POST CL2	F/W 1000 GAL/ DAY
	PUMPAGE	LBS	LBS	LBS	LBS	LBS	
<b>JAN</b>	661839	7909	150600	15676	3639	4115	21350
<b>FEB</b>	662655	7789	135400	15275	3612	4148	23666
<b>MAR</b>	0	0	0	0	0	0	0
<b>APR</b>	0	0	0	0	0	0	0
<b>MAY</b>	0	0	0	0	0	0	0
<b>JUN</b>	0	0	0	0	0	0	0
<b>JUL</b>	0	0	0	0	0	0	0
<b>AUG</b>	0	0	0	0	0	0	0
<b>SEP</b>	0	0	0	0	0	0	0
<b>OCT</b>	0	0	0	0	0	0	0
<b>NOV</b>	0	0	0	0	0	0	0
<b>DEC</b>	0	0	0	0	0	0	0
<b>TOTAL</b>	1324494	15698	286000	30951	7251	8263	45016

**Chart Comparing Daily Finished Water Flows, 2026 Versus Past Years**



**2026 ANALYTICAL RESULTS**

	<b>RAW</b>		<b>PRE</b>	<b>POST</b>	<b>EFF</b>		
	<b>TURB</b>	<b>RAW</b>	<b>CI2</b>	<b>CI2</b>	<b>TURB</b>	<b>EFF</b>	<b>F. RES</b>
	<b>NTU</b>	<b>pH</b>	<b>RES.mg/l</b>	<b>RES.mg/l</b>	<b>NTU</b>	<b>pH</b>	<b>mg/l</b>
<b>JAN</b>	15.2	8.0	0.55	1.24	0.030	7.5	0.71
<b>FEB</b>	3.8	8.0	0.55	1.25	0.030	7.5	0.71
<b>MAR</b>							
<b>APR</b>							
<b>MAY</b>							
<b>JUN</b>							
<b>JUL</b>							
<b>AUG</b>							
<b>SEP</b>							
<b>OCT</b>							
<b>NOV</b>							
<b>DEC</b>							
<b>AVG</b>	9.5	8.0	0.55	1.24	0.030	7.5	0.71

**2. Water Plant Operations and Maintenance Highlights**

Operations and Maintenance have been busy with regular preventative maintenance and general repairs.

Work is being done preparing for our annual reporting requirements.

February 2026 showed increased flows and shortened filter runs, creating high stress in WTP Operations. The shortened runs are normal for this time of year, but it has been worse than we are accustomed to seeing – this is experienced at other local water treatment plants as well.

B. Wastewater – Gary Golombek, updated 3/05/2026.

1. Operations Data

a) Current Year to Date

WASTEWATER TREATMENT PLANT OPERATING DATA														
2026	FLOWS			Chlorine	Rainfall	SLUDGE		Polymer		FeCl3	LIME	H2O2	NaOCl	Grit
MONTH	EFF	CBE	GPS	Residual	inches	NET	LANDFILL	BFP	PRIM	(gals.)	(Tons)	(gals.)	(gals.)	(Tons)
	MGD	MGD	MGD			PPM	(Tons)		(Lbs)					
January	25.95	46.75	12.70	1.6	2.6	674.0	196.0	1003.0	1360.0	17240	29.2	0	62620	13.7
February	28.55	49.38	13.33	1.5	1.1	841.0	235.0	1066.0	1341.0	15060	19.6	0	49080	6.6
March														
April														
May														
June														
July														
August														
September														
October														
November														
December														
<b>Totals</b>	<b>27.25</b>	<b>48.07</b>	<b>13.02</b>	<b>1.6</b>	<b>3.7</b>	<b>1515.0</b>	<b>431.0</b>	<b>2069.0</b>	<b>2701.0</b>	<b>32300</b>	<b>48.8</b>	<b>0</b>	<b>111700</b>	<b>20.3</b>

Explanation of data abbreviations:

Data Abbreviation Table			
Abbreviation	Meaning	Abbreviation	Meaning
INF	Influent	BFP	Belt Filter Press
EFF	Effluent	PRIM	Primary
CBE	Carbon Bed Effluent	FeCl3	Ferric Chloride
GPS	Gorge Pump Station	H2O2	Hydrogen Peroxide
MGD	Million Gallons Daily	NaOcl	Sodium Hypochlorite

b) Previous Year Data for Comparison Purposes

<b>WASTEWATER TREATMENT PLANT OPERATING DATA</b>														
2025	FLOWS			Chlorine Residual	Rainfall	SLUDGE		Polymer		FeCl3	LIME	H2O2	NaOCI	Grit
	EFF	CBE	GPS			NET	LANDFILL	BFP	PRIM					
MONTH	MGD	MGD	MGD	PPM	inches	(Tons)		(Lbs)		(gals.)	(Tons)	(gals.)	(gals.)	(Tons)
January	21.46	39.04	11.20	1.4	0.7	953.0	277.0	1565.0	1698.0	17660	58.5	0	303280	5.2
February	24.60	45.30	11.91	1.6	1.5	1144.0	327.0	1595.0	1473.0	18360	65.7	0	281850	19.4
March	28.14	49.11	13.14	1.7	1.6	1218.0	344.0	1355.0	1703.0	22900	61.9	0	258370	10.9
April	25.69	46.11	12.40	1.7	1.5	1479.0	378.0	1719.0	1565.0	18250	57.2	0	73035	16.9
May	24.63	44.51	12.39	1.6	3.1	1406.0	374.0	1534.0	1707.0	21320	57.6	0	143860	16.9
June	20.69	43.63	13.24	1.6	2.4	970.0	270.0	1267.0	1600.0	18520	50.5	0	199470	13.9
July	20.80	38.40	11.22	1.7	2.7	1153.0	325.0	1454.0	1592.0	17760	55.8	0	281400	8.0
August	20.39	37.37	10.97	1.4	1.4	987.0	277.0	1482.0	1530.0	19360	38.5	0	222220	9.8
September	19.61	34.77	10.84	1.5	1.0	935.0	241.0	1253.0	1479.0	16720	33.2	0	110100	6.5
October	22.87	40.95	11.56	1.6	3.7	817.4	213.7	1235.2	1589.1	17740	29.3	0	65920	16.0
November	22.69	41.50	11.60	1.3	1.7	880.0	238.0	1054.0	1510.0	13980	29.0	0	114950	5.2
December	24.53	44.63	11.79	1.2	1.4	874.0	264.0	1338.0	1393.0	17640	40.9	0	71480	13.1
<b>Totals</b>	<b>23.01</b>	<b>42.11</b>	<b>11.86</b>	<b>1.5</b>	<b>22.6</b>	<b>12816.4</b>	<b>3528.7</b>	<b>16851.2</b>	<b>18839.1</b>	<b>220210</b>	<b>578.1</b>	<b>0</b>	<b>2125935</b>	<b>141.8</b>

2. Sampling Notes

No Sampling Notes for January.

### 3. Capital Projects

**Project #1 (Sedimentation Basins and Screening)** The only things left on this project are the Basin automation and new SCADA screen incorporation which is currently being implemented one basin at a time and O&M manuals both hard copies and digital.

**Project #3 (Poly, Grit Conveyor, BFP (Belt Filter Press))** The Poly and Grit portion of this project is completed. For the BFP portion of this project we have received a 95% bid spec package. Evaluating options for funding project.

**Project #5 (Electrical):** Ferguson Electric has installed all transformers and containment in Power center #2 has been fixed/set up. Old transformers have been picked up as of February 26<sup>th</sup>. All that is left is the cables/lines for our substation.

**Project #6 (Sodium Hypochlorite Tank Replacement)** AECOM has largely completed design work. Evaluating options for funding project.

**Project #10 (Motion AI) – Overall Controls)** Motion AI is working on some of the controls that will be added to the BFP and incorporating them. Capabilities will be added to the HMI (Human Machine Interfaces) screens at each of the three belt filter presses. Motion AI and Allied are working on the automation of the Sed Basins. Motion AI has gathered the info on the level sensor in the scum building for project 1 and to work on the incorporation of it into SCADA.

**UPS (Uninterruptible Power Source) Replacement** We recently received our second quote for replacing the UPS units around the WWTP (Quote #1: Rexel Quote #2: Motion AI). These UPS units are essential because if in the event that the facility loses power it allows staff to have time to react and do what is needed to ensure there are no incidents that occur on our end and that the facility is kept safe as well.

**Biological Conversion PER (Preliminary Engineering Report)** We received the PER draft. All involved thoroughly reviewed the report and noted any changes we might have seen that may have needed to be changed before the final report. Everyone's notes were compared and thoroughly gone through so that the final draft meets our expectations and is completed on time. The final draft was sent out on February 28<sup>th</sup> to the DEC.

**Update:** Projects, facility and equipment upgrades are all moving along. There were two incidents with the GPS losing power for a short period of time which resulted in two dry weather overflows, DEC notified.

In conclusion, everything at the WWTP has been moving forward without issue. Conditions have never been better, and morale has never been higher. Each department has put in time and effort to make sure all the projects and upgrades to the facility are coming along well, just the way we have envisioned and in a timely manner.

## II. Outside Pipes & Meter Shop

A. Sewer Collection and Water Distribution – Michael Eagler Sr., updated 3/6/2026.

### 1. Sewer Collection System Maintenance and Repairs

<b>Sewer Collections System</b>										
<b>2026</b>	<b>Service Calls</b>	<b>Flushing (Feet)</b>	<b>UFPO Responses</b>	<b>Receivers Cleaned</b>	<b>Bypass Pumping (Hours)</b>	<b>Catch Basins</b>	<b>Manholes</b>	<b>Main Repairs</b>	<b>Connections</b>	<b>Laterals</b>
<b>January</b>	21	2400	291	9	0	2	3	0	2	0
<b>February</b>	48	3750	342	22	62.8	0	2	0	0	0
<b>March</b>										
<b>April</b>										
<b>May</b>										
<b>June</b>										
<b>July</b>										
<b>August</b>										
<b>September</b>										
<b>October</b>										
<b>November</b>										
<b>December</b>										
<b>Totals</b>										

2. Water Distribution System Maintenance and Repairs and UFPO (U-Dig) Requests

<b>Distribution System and UFPO</b>																
<b>2026</b>	<b>Main Break</b>	<b>Svc. Leaks</b>	<b>Curb Box Reset</b>	<b>Valve Repaired</b>	<b>Valve Replaced</b>	<b>Hydrant Replaced</b>	<b>Hydrant Repaired</b>	<b>Hydrant Flow</b>	<b>Hydrant Flush- Maint.</b>	<b>Hydrant Leaks</b>	<b>Hydrants out of Svc.</b>	<b>Misc. Svc. Calls</b>	<b>Concrete</b>	<b>Landscape</b>	<b>UFPO</b>	
January	11	6	7	0	2	0	0	0	474	0	0	21	0	0	291	
February	9	5	13	4	2	0		3	361	0	0	48	1	1	342	
March																
April																
May																
June																
July																
August																
September																
October																
November																
December																
<b>Totals</b>																

B. Meter Shop – Bob Reid, updated 3/11/26

1. Monthly Totals for Meter Shop Tasks

MONTH	WORK ORDERS	STOPPED METERS	Registers Replaced	Properties Tagged	INDUSTRIAL METERS READ	RESIDENTIAL METERS READ
JANUARY	74	0	4	4	0	7172
FEBRUARY	88	0	6	6	0	5197
MARCH						
APRIL						
MAY						
JUNE						
JULY						
AUGUST						
SEPTEMBER						
OCTOBER						
NOVEMBER						
DECEMBER						
<b>TOTAL</b>	162	0	10	10	0	12369

Shop obtained 5197 Residential Reads.

2. Meters Read by District, Day, and Employee

	REID		PAUL	DERUBEIS	TOTAL
<b>DISTRICT 3</b>					
1/2/26	1357		1603		2960
1/5/26	1383		854		2237
<b>TOTAL</b>	2740		2457		5197

### III. Analytical Services, Enforcement, & Industrial

#### A. Environmental Laboratory – Jordan Boyd, updated 3-3-2026.

##### 1. NYS Water Sanitary Code Part B Monitoring/Water Analysis

Monthly collection for the Distribution System was conducted in February. 60 Samples for Free Chlorine, Turbidity, Phosphate, Fluoride, Standard Plate Count & Coliform. Those results were satisfactory and were within reporting limits. All samples were analyzed in house.

Monthly sampling for TOC, DOC & UV254 on both finished and source water were collected in February. All samples were in compliance. All samples were analyzed in house.

All in-house monitoring for process water bacteriology and chemistry was within normal limits for February. No water main breaks or community complaints were sampled.

Annual Nitrate samples were collected in February and sent to Pace Analytical for analysis. Results are pending.

Quarterly Haloacetic Acid was collected in February and sent to Pace Analytical for analysis. Trihalomethane samples were collected and analyzed in-house. Results are all within limits.

##### 2. DEC Monitoring/Wastewater Analysis

The Water Plant SPDES sample collected from the freeze thaw beds was within normal limits for February. Chloroform and Dichlorobromomethane also were sampled in February according to the WTP SPDES permit.

All required samples were collected for January for the Wastewater plant State Pollutant Discharge Elimination System (SPDES) report. All parameters were in compliance for February. Total Suspended Solids, Fecal Coliform, Enterococci, Total Phosphorous, and Total Organic Carbon are analyzed in house.

Industrial billing samples were analyzed in house for Total Organic Carbon and Total Suspended Solids.

Weekly samples were collected and sent out to University at Buffalo for New York State analysis of Covid-19 in the wastewater.

##### 3. Other Laboratory Information and Updates

The Chemistry Laboratory analyzed 4 samples for Total Organic Carbon, 8 Wet Chemistry Samples for Town of Tonawanda and 3 Wet Chemistry samples from the Village of Lewiston.

The Microbiology lab analyzed 3 samples from the Village of Lewiston. All results were reported to the representative contacts.

New Agilent 8890 Gas Chromatograph with two Electron Capture Detectors for Haloacetic acid analysis was ordered from Agilent and has an estimated delivery date of 7-20-2026.

Revenue created for 2026 was \$1,00.00.

Samples analysis performed for 2026: 2,318.

## B. Industrial Pretreatment/Enforcement – Matthew LaGamba, updated 3-17-2026

### 1) Investigations/Enforcement Actions

Greenpac Show Cause order issued. Negotiation of fine is in progress. TSS violation 2/9/26.

pH monitoring is ongoing to identify source of low pH spikes. pH Probe in Niacet showed 4 spikes below 5 for the duration of a week.

Revisiting Oxy's TSS bill discrepancies. Blockages and settling discovered during timeframe WTP discharge was offline. Sources are not clearly established at this time.

Sandstone Springs was sent an industrial survey form for operations off of Highland Ave.

### 2) SIU Updates

Niagara Custom Plating has shut down due to the fire. A new building is being chosen to transfer operations. No update as of now.

The enforcement department continues to receive weekly TSS/SOC updates from Greenpac/Cascades. Cascades Mill has officially shut down as of 8/11/25.

### 3) Cross-Connections

The Cross Connection Inspector's work of conducting his inspections as a function of building sales, monitoring the annual tests results of all back flow prevention devices, along with updating our database and filing/archiving the hard copies has been progressing on schedule. Cross Connections personnel have been involved in helping address private-property issues identified in connection with LaSalle Consent Order Sanitary Sewer Evaluation Survey work.

## 4) Other Information and Updates

AECOM's work on the local limits re-evaluation commenced, but this project is paused in light of the 2024 WWTP Order on Consent and the (pending) new SPDES permit. AECOM has been requested to continue assisting Industrial Monitoring department on BHC issues and permit limits.

The hauled waste moratorium imposed on August 16, 2017, remains in effect. No landfill leachate or other hauled waste is accepted for treatment at the WWTP.

## IV. Engineering

### A. Technical & Regulatory Services – Doug Williamson, updated 3-4-2026

#### 1. LaSalle SSO Abatement Program & Order on Consent R9-20080528-32

NFWB crews completed the Phase 1 work recommended by the engineering report in-house. Costs are being tracked under a Technical Force Account (TFA) for ultimate reimbursement under our \$800,000 NYSDEC WQIP grant.

Arcadis and JMD completed the Phase 2 and 3 SSES engineering report work in December 2025. NFWB crews completed the manhole inspection and CCTV work in the Spring of 2025. We are looking into a NYSDEC Engineering Planning grant for the Phase 2 and 3 Sanitary Sewer Evaluation Surveys in LaSalle.

It is anticipated that the Consent Order will be amended to incorporate the SSES work and to eliminate the remaining work items within the schedule that have a negligible impact on I & I.

#### 2. WWTP Phase I and II Projects & Order on Consent R9-20170906-129

In February, we continued to work with CPL as the NFWB's project manager and the design consultants on the WWTP Phase I and II projects. We continually work on the grant reimbursements and project close-outs for construction work completed.

Project 1 Sedimentation Basins and Scum Collection System Modification: Project is in the close-out phase.

Project 3 Belt Filter Press Improvements: Design work continued with Nussbaumer & Clarke in February.

Project 5 Electrical System Improvements: Power center 5 transformer work has been ongoing and is near completion. The 115 KV tie switch repair in the WWTP switchyard with Ferguson Electric will likely start in March.

Project 10 SCADA Improvements: Work continued as necessary.

Project 12 WWTP Intermediate Pumps: We drafted an RFP to pursue pump rehabilitation projects that include intermediate pump drives and speed control but the project is currently on hold due to funding.

Bi-weekly WWTP PER status coordination meetings were held on February 10<sup>th</sup>, 25<sup>th</sup> and 26<sup>th</sup>. Workshop was held on February 17<sup>th</sup>. The Final Preliminary Engineering report was submitted to the NYSDEC on February 27<sup>th</sup>.

### 3. WWTP SPDES Permit NY0026336

New NYSDEC WWTP SPDES permit continues to be on hold.

The NYSDEC WWTP annual inspection was held on February 10<sup>th</sup>.

The WWTP NetDMR was approved on February 20<sup>th</sup> for January 2026 with no violations.

NFWB Data Submittal Request for Order on Consent (R9-20230411-13), Schedule B parameters for January 2026 was provided to the NYSDEC on February 20<sup>th</sup>.

The 2025 WWTP SPDES annual flow certification was submitted to the NYSDEC on February 2<sup>nd</sup>.

The 2025 MMP and PMP Annual reports were submitted to the NYSDEC on February 27<sup>th</sup>.

### 4. Town of Niagara Sewer Flow Monitoring

We provided the 2026 Town of Niagara billing calculations to the Town on December 1<sup>st</sup>.

We are currently planning on scheduling the 2026 Spring Town of Niagara flow monitoring for the period of Monday 3/9/2026 (flow meter installs) to Monday 4/6/2026 (flow meter removals) with TECsmith and the Town of Niagara.

### 5. Stormwater Management (MS4)

The NFWB continued efforts to comply with the new statewide MS4 permit requirements. The NFWB currently needs some assistance with the MS4 stormwater program and has utilized the WNYSC for support. The executed Memorandum of Understanding was provided to the WNYSC on December 1<sup>st</sup>.

## 6. Engineering Support

In February, the engineering department continued to provide engineering and GIS support to NFWB departments, engineering consultants and developers as needed. Attended monthly WWTP meetings as needed regarding ongoing and planned projects. The Tier 2 submission for the WTP was completed on February 9<sup>th</sup>.

## 7. Capital Improvement Project Planning & Grants

In February, the 5 Year Capital Improvement Plan projects progressed, related grants and CPOs were written and continued to be monitored and tracked. We have been meeting monthly with EFC, NYSDOH and CPL regarding the CWSRF and DWSRF projects, as necessary. EFC has been provided required project updates, as necessary.

We continued working with Waterworth on O & M and capital budgets in February. There needs to be a better method of tracking forecasted capital expenditures and budgets.

We were awarded a \$5 million WIIA DWSRF 19056 grant from EFC in December 2025.

The DASNY grant 15688 (Phase 1) has formally been extended through 12/31/2028.

### a) Water Projects

Watermain design work continued to progress in February with the engineering consultants LaBella Associates and CPL. Preliminary design documents have been provided to the NYSDOH and EFC for review and approval as necessary.

LaBella Associates watermain replacement DWSRF 19056, contract 4, Laughlin Drive and contract 7, Witkop & 85<sup>th</sup> St. Loop, may go out for bid soon.

CPL continues to proceed with the design work on DWSRF 19056, contract no. 3, 20” watermain Beech Ave. to Ontario Avenue.

CPL has provided the NFWB the draft “issued for bid” drawings on the DWSRF 18587, contract no. 1A, Beech Avenue Water Storage Rehabilitation, which will go to bid first and DWSRF 18587, contract no. 1B, Beech Avenue Booster Pump Station for review on February 3<sup>rd</sup>.

DWSRF 18587, contract no.6, West Rivershore Drive Watermain Replacement (CPL) contract was awarded to the general contractor on February 4<sup>th</sup>.

Lead Service Line Inventory continued with Hazen and Sawyer in February. Costs are being tracked under a Technical Force Account (TFA) for ultimate reimbursement under a future water grant.

b) Sewer Projects

The LaSalle Phase 2 and 3 SSES engineering report was completed and provided to the NYSDEC and EFC on December 30<sup>th</sup>.

In February, AECOM continued progress on the Calumet Avenue 48-inch brick sewer rehabilitation project (30% to 75% design). The sewer main CCTV work was recently completed, reviewed and a path forward determined on the sewer rehabilitation.

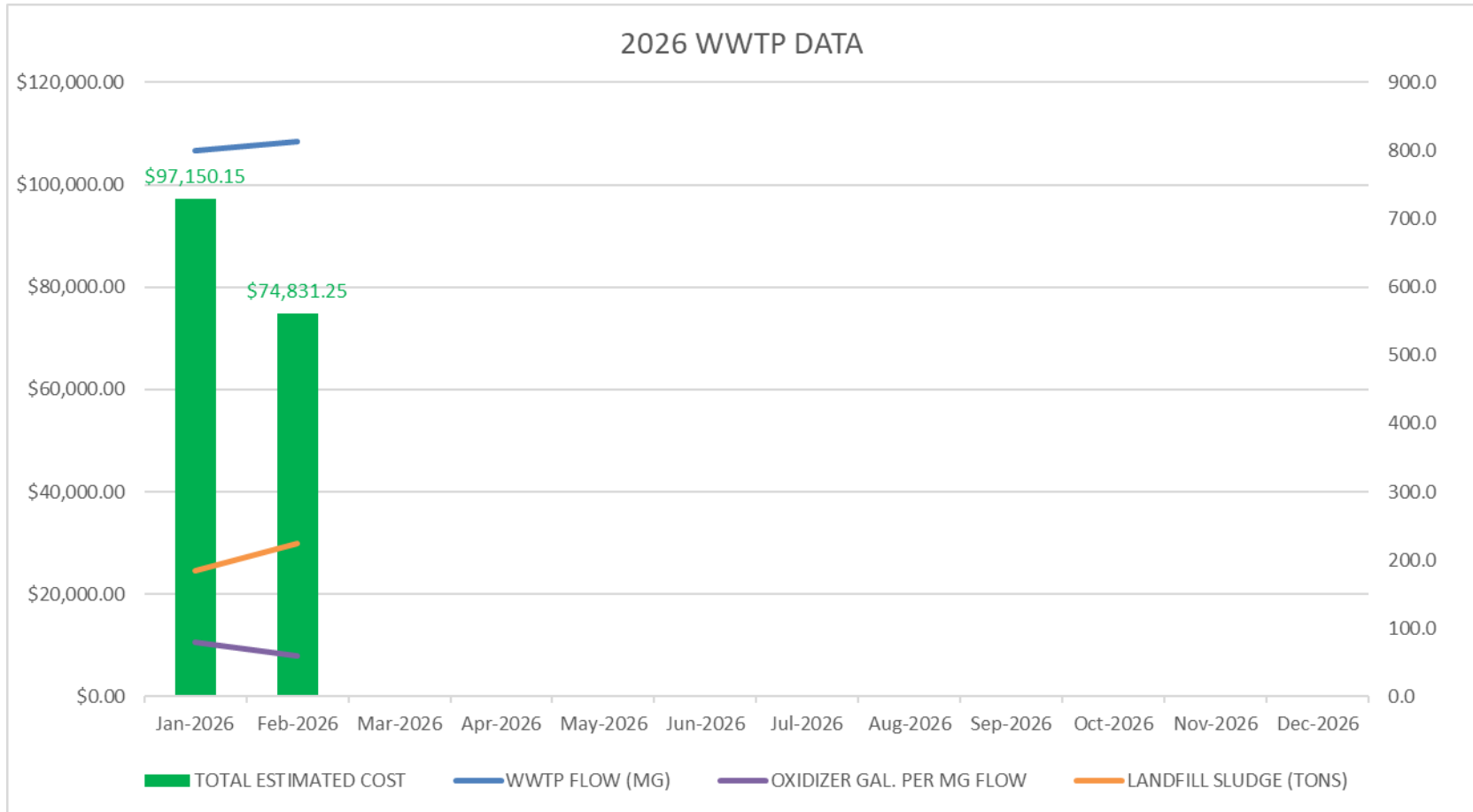
c) WTP Projects

In February, we continued to address WTP projects.

d) WWTP Projects (additional)

AECOM continued work in February on the new WWTP Capital Improvement Projects (roughly 75% design) and the Tank 216 and backwash hypo pump replacement project (bid documents nearing 100% completion but put on hold due to funding). Progress meeting was last held on February 3<sup>rd</sup> for all AECOM projects.

## 8. WWTP Flow, Oxidizer, and Sludge Data Summary



9. WWTP Oxidizer Data

a) Current Year Data

**2026 OXIDIZER BUDGET**

**BUDGET = \$5,350,000.00** for year

**COST = \$171,981.40** to date

**% USED = 3.21%** to date

**BUDGET = \$14,657.53** per day avg. **\$445,833.33** per month avg.

**COST = \$2,914.94** per day avg. **\$85,990.70** per month avg.  
**27.4** Flow (MGD) **59** total days



WWTP DATA		OXIDIZER USAGE				SLUDGE REMOVAL			
MONTH	FLOW (MG)	H2O2 (GAL)	NaOCl (GAL)	GAL PER MG FLOW	TOTAL ESTIMATED COST	LANDFILL SLUDGE (TONS)	SOLIDS TONS PER MG	FERRIC CHLORIDE (GAL)	LIME (TONS)
Jan-2026	800.4	0	63,290	79	\$97,150.15	185.1	0.23	17,200.0	24.1
Feb-2026	813.8	0	48,750	60	\$74,831.25	223.9	0.28	15,040.0	19.6
Mar-2026									
Apr-2026									
May-2026									
Jun-2026									
Jul-2026									
Aug-2026									
Sep-2026									
Oct-2026									
Nov-2026									
Dec-2026									
<b>TOTALS</b>	<b>1,614.3</b>	<b>0</b>	<b>112,040</b>	<b>69</b>	<b>\$171,981.40</b>	<b>409.0</b>	<b>0.25</b>	<b>32,240.0</b>	<b>43.7</b>

Low value for year

High value for year

b) Prior-Year Oxidizer Data for Comparison

**2025 OXIDIZER BUDGET**

**BUDGET = \$6,350,000.00** for year

**COST = \$3,312,909.60** to date

**% USED = 52.17%** to date

**BUDGET = \$17,397.26** per day avg. **\$529,166.67** per month avg.

<b>COST = \$9,076.46</b> per day avg.	<b>\$276,075.80</b> per month avg.
<b>23.1</b> Flow (MGD)	<b>365</b> total days



WWTP DATA		OXIDIZER USAGE				SLUDGE REMOVAL			
MONTH	FLOW (MG)	H2O2 (GAL)	NaOCI (GAL)	GAL PER MG FLOW	TOTAL ESTIMATED COST	LANDFILL SLUDGE (TONS)	SOLIDS TONS PER MG	FERRIC CHLORIDE (GAL)	LIME (TONS)
Jan-2025	665.1	0	303,280	456	\$475,543.04	276.6	0.42	17,660.0	58.5
Feb-2025	688.7	0	281,850	409	\$441,940.80	326.5	0.47	18,360.0	65.7
Mar-2025	868.2	0	258,900	298	\$405,955.20	344.1	0.40	22,740.0	64.2
Apr-2025	770.6	0	73,035	95	\$114,518.88	377.6	0.49	18,250.0	57.2
May-2025	763.6	0	143,860	188	\$225,572.48	373.9	0.49	21,320.0	57.6
Jun-2025	620.6	0	199,470	321	\$312,768.96	270.0	0.44	18,520.0	50.5
Jul-2025	642.8	0	272,550	424	\$427,358.40	290.8	0.45	17,780.0	56.4
Aug-2025	632.1	0	222,220	352	\$348,440.96	277.3	0.44	19,360.0	38.5
Sep-2025	613.8	0	105,310	172	\$165,126.08	257.4	0.42	17,500.0	35.8
Oct-2025	709.1	0	65,920	93	\$103,362.56	204.3	0.29	17,740.0	27.8
Nov-2025	680.6	0	114,950	169	\$180,241.60	237.9	0.35	13,980.0	29.0
Dec-2025	760.3	0	71,480	94	\$112,080.64	264.0	0.35	17,640.0	40.9
<b>TOTALS</b>	<b>8,415.5</b>	<b>0</b>	<b>2,112,825</b>	<b>256</b>	<b>\$3,312,909.60</b>	<b>3,500.4</b>	<b>0.42</b>	<b>220,850.0</b>	<b>582.0</b>

Low value for year

High value for year

## V. Information Systems & Technology

Information Technology (IT) – Jonathan Joyce,  
updated 3-17-2026

### Primary System Statuses

- Scale Environment – No issues to report.
- New World Cloud – No issues to report.
- Exchange Office 365 – No issues to report.
- Network WTP/WWTP/Gorge – No issues to report.
- Network Security – No incidents to report.

### Updates & Projects

- Deployment of new network switches will be scheduled during off-hours.
- Two quotes have been received for the UPS units at the Wastewater Treatment Plant. These units are expected to help address the ongoing power issues.
- Testing is underway for a new SCADA platform at the Water Treatment Plant, coordinated with the upcoming operating system upgrade. This solution may offer notable cost savings and improved efficiency.
- Deploying 2FA for all NFWB employees
- Test new backup software for faster recovery
- The BSI software is being upgraded to a cloud-based system. Data being converted.



*Water You Can Trust.*

memo



To: Sean Costello, Niagara Falls Water Board  
From: E3communications  
Date: March 18, 2026  
Re: January – February Report

---

Please find below a recap of our activities on behalf of the Niagara Falls Water Board for February 19, 2026 and March 18, 2026.

- Biweekly planning meetings with S. Costello to discuss projects and tasks.
- Scheduled tour of wastewater treatment plant with Matt Wrobel and Emma Deforest, US Senator Charles Schumer (NOTE: meeting being rescheduled due to last minute cancellation).
- Teams Meeting with Hazen and Sawyer to discuss preliminary report/study regarding wastewater treatment plant costs.
- Attended tour of wastewater treatment plant with C. Ball, Western New York Regional Director for US Senator Kirsten Gillibrand.
- Prepared leave behind document for Senator Gillibrand's officed reviewed slide deck for presentation.
- Various communications with C. Ball, Western New York Regional Director for US Senator Kirsten Gillibrand regarding Congressionally Directed Spending (CDS) project application.
- Drafted support letters to submit with Congressionally Directed Spending (CDS) project application.

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**e3communications**

Public Relations Public Affairs

# memo



- Continued edits to slide deck regarding funding request to New York State.
- Monitored and tracked relevant legislative items and regulatory matters.

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Public Relations Public Affairs

*NIAGARA FALLS WATER BOARD RESOLUTION # 2026-03-001*

**ELECTION OF OFFICERS AND  
COMMITTEE CHAIRPERSONS**

**WHEREAS**, Article VI, Section 1 of the Niagara Falls Water Board By-Laws states: “The Officers of the Board shall consist of a chair, a vice-chair, and a treasurer, who shall be Members of the Board and a secretary, who need not be a Member of the Board”; and

**WHEREAS**, the Board also appoints chairpersons for its Governance Committee, Finance and Audit Committee, Executive Staff Review Committee, and Wastewater Treatment Plant Upgrades Committee; and

**WHEREAS**, Article VI, Section 2 of the Niagara Falls Water Board By-Laws provides that these officers and committee chairpersons shall be elected at the Board’s annual meeting held in March and unless removed and replaced as provided by the Board’s By-Laws, shall hold office until the next annual meeting; and

**WHEREAS**, nominations for the officer and committee chairperson positions having been duly made and closed;

\* CONTINUED ON NEXT PAGE \*

**NOW THEREFORE BE IT**

**RESOLVED**, that the following Board Officers and Board Committee Chairpersons are appointed to serve until the Board’s next annual business meeting, unless removed and replaced earlier in accordance with the Board’s by-laws:

- Board Chairperson:
- Board Vice-Chairperson:
- Board Treasurer:
- Board Secretary:
- Governance Committee Chairperson:
- Finance and Audit Committee Chairperson:
- Executive Staff Review Committee Chairperson:
- Wastewater Treatment Plant Upgrade (WWTP-UP) Committee Chairperson:

On March 23, 2026, the question of the adoption of the foregoing Resolution was duly put to a vote on roll call, which resulted as follows:

	<b>Yes</b>	<b>No</b>	<b>Abstain</b>	<b>Absent</b>
Board Member Cole	[ ]	[ ]	[ ]	[ ]
Board Member Dean	[ ]	[ ]	[ ]	[ ]
Board Member Kimble	[ ]	[ ]	[ ]	[ ]
Board Member Weiss	[ ]	[ ]	[ ]	[ ]
Chairman Sirianni	[ ]	[ ]	[ ]	[ ]

Vote Witnessed By:

---

Sean W. Costello, Secretary to Board

*NIAGARA FALLS WATER BOARD RESOLUTION # 2026-03-002*

**ACCEPTING PROPOSAL FOR WWTP HYDRAULIC STUDY**

**WHEREAS**, the Niagara Falls Water Board's Order on Consent R9-20230411-13 with the New York State Department of Environmental Conservation required the Water Board to prepare and submit a preliminary engineering report (PER) addressing modifications deemed necessary for the wastewater treatment plant (WWTP) to address phenolics, Biochemical Oxygen Demand (BOD), dieldrin, total residual chlorine, sulfides, and the optical appearance of the WWTP's treated effluent as it discharges into its receiving water, the lower Niagara River; and

**WHEREAS**, the Water Board retained Hazen and Sawyer to prepare the PER, which was completed and submitted in advance of the Order on Consent deadline; and

**WHEREAS**, the PER recommends that the WWTP be upgraded to include a secondary biological treatment process utilizing new moving bed biofilm reactors and disc filters; and

**WHEREAS**, the proposed improvements will alter the hydraulic profile and WWTP operations; and

**WHEREAS**, to evaluate the impact of the proposed improvements and to further the work required to design these improvements, an updated hydraulic profile for the WWTP including accurate elevation surveys for various WWTP components is required; and

**WHEREAS**, the data collection and analysis required in connection with developing an updated hydraulic profile will take six to eight months, and the compliance schedule in the Order on Consent includes just 18 months for detailed design, so this work needs to be completed prior to detailed design; and

**WHEREAS**, information from the hydraulic study will be analyzed to evaluate whether it is possible to reduce the size – and therefore the cost – of the treatment process units recommended in the PER through de-rating the plant's permitted daily capacity, with this analysis either being conducted as a separate effort after the hydraulic study is completed or as part of the detailed design; and

**WHEREAS**, to advance this necessary step, Water Board staff obtained a proposal from Hazen and Sawyer to conduct the hydraulic study, which that firm has proposed to complete on a time-and-material basis for a total fee not to exceed \$97,700; and

**WHEREAS**, this related scope of work can be approved as an amendment to Hazen and Sawyer's contract for preparation of the PER; and

**WHEREAS**, the Water Board has a Bipartisan Infrastructure Law grant that will cover one-half of the cost of this work, and long-term financing for the remainder of the project costs under Clean Water State Revolving Fund Project No. C9-6603-15-00;

**NOW THEREFORE BE IT**

**RESOLVED**, that on behalf of the Niagara Falls Water Board, the Executive Director is hereby authorized to amend the contract with Hazen and Sawyer for completion the WWTP Preliminary Engineering Report to incorporate the hydraulic study and scope of work described in that firm’s March 17, 2026 proposal on a time-and-material basis and for a total fee not to exceed \$97,700.

On March 23, 2026, the question of the adoption of the foregoing Resolution was duly put to a vote on roll call, which resulted as follows:

	<b>Yes</b>	<b>No</b>	<b>Abstain</b>	<b>Absent</b>
Board Member Cole	[ ]	[ ]	[ ]	[ ]
Board Member Dean	[ ]	[ ]	[ ]	[ ]
Board Member Kimble	[ ]	[ ]	[ ]	[ ]
Board Member Weiss	[ ]	[ ]	[ ]	[ ]
Chairman Sirianni	[ ]	[ ]	[ ]	[ ]

Vote Witnessed By:

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Sean W. Costello, Secretary to Board



Hazen and Sawyer  
1 Seneca Street, Suite 2875  
Buffalo, NY 14203 • 716.316.5886

March 17, 2026

Sean W. Costello  
Executive Director & General Counsel  
Niagara Falls Water Board  
5815 Buffalo Avenue  
Niagara Falls, NY 14304

**Re: WWTP Professional Engineering Services – Hydraulic Study**

Dear Mr. Costello:

Hazen and Sawyer (Hazen) is pleased to submit our qualifications for professional engineering services to perform a hydraulic study of the Niagara Falls Water Board (NFWB) Wastewater Treatment Plant (WWTP). The project objectives are to evaluate the WWTP hydraulics to confirm the PER proposed approach and produce a new hydraulic profile for NFWB’s use going forward.

Hazen is prepared to immediately begin supporting NFWB on these tasks and we will provide continuity in staffing with this assignment. Key differentiators of our firm include:

- Our recent work with NFWB gives us thorough knowledge of NFWB staff and facilities: we know you, understand the facility, and are familiar with these processes.
- Hazen completed the most recent *Preliminary Engineering Report (PER)*, which recommended these studies. The team who developed the PER will be integrally involved in this work.
- Hazen offers NFWB the combined strength of a local firm with more than 22 staff in our Buffalo office, while leveraging our national expertise with a network of over 2,200 staff, including 240 New York State (NYS) licensed Professional Engineers (PE).
- Hazen continues to lead the region and country, designing the most innovative, well-performing, and cost-effective BNR facilities that outperform conventional technology.

We have successfully completed many similar hydraulic studies and capacity evaluations that inform regulatory negotiations with NYSDEC, including over the past 25 years at NYC DEP’s Bowery Bay Wastewater Treatment Plant (WWTP).

Job No. 1020-361

We appreciate the opportunity to support NFWB and your ratepayers with innovative solutions that will provide the foundation for regulatory, financial, and operational success. If there are any questions regarding our proposal, please reach out at 215.592.4520 or [mblate@hazenandsawyer.com](mailto:mblate@hazenandsawyer.com), or to Project Director, Mark Lenz, PE, at 716.316.5886 or [mlenz@hazenandsawyer.com](mailto:mlenz@hazenandsawyer.com).

Kind Regards,



Micah Blate, PE  
Project Manager



Mark Lenz, PE  
Vice President

## NFWB WWTP – Professional Engineering Services Hydraulic Study

### 1. Project Understanding

The NFWB WWTP, which discharges to the lower Niagara River, entered into an Order on Consent (R9-202330411-13) with the New York State Department of Environmental Conservation (NYDEC) to reduce visible turbidity in discharge waters. Hazen and Sawyer (Hazen) understand that the NFWB must modify the WWTP to address the requirements of the 2024 Order on Consent and to meet future anticipated more stringent limits to the State Pollution Discharge Elimination System (SPDES) permit (NY0026336).

The NFWB retained Hazen to develop the 2026 *Preliminary Engineering Report* (PER) that recommended the existing physical-chemical WWTP be upgraded to include a secondary biological treatment process utilizing new moving bed biofilm reactors (MBBRs) and disc filters.

A recommendation of the PER is to complete a hydraulic study, as the proposed improvements will significantly alter the hydraulic profile and WWTP operations. Currently, NFWB only has a single documented hydraulic profile for a 65 mgd flow condition, and given the major upgrades, it is prudent a thorough evaluation of the hydraulics at various flow conditions be undertaken.

Hazen is pleased to submit this proposal to serve NFWB by:

- Conducting a hydraulic study for the WWTP which will evaluate the impact the addition of new MBBRs and disc filters will have on the existing plant. The hydraulic study will evaluate flows through the WWTP and provide hydraulic profiles to understand hydraulics at various flow conditions.

#### 1.1 Project Background

The NFWB owns and operates a physical-chemical WWTP, permitted to treat 48 mgd on a monthly average basis, which treats a combination of domestic, industrial, and stormwater flows. The WWTP was constructed in 1977 and currently treats approximately 23.7 and 31.7 mgd on an average annual (AA) and maximum month (MM) basis, respectively. The liquid treatment process utilizes screening, grit removal, chemically enhanced primary clarification with ferric chloride and polymer addition, activated carbon filtration, and effluent chlorine disinfection with sodium hypochlorite. WWTP effluent flows through the Adams Tail Race Tunnel (ATRT) to discharge into the lower Niagara River. The WWTP process was designed to target industrial discharges, however industries in the region have closed and the resident population has declined, therefore the rated WWTP capacity exceeds typical dry weather flows and loads treated at the plant.

Hazen recently completed a PER which evaluated alternatives for modifications to the WWTP in response to a second Order of Consent between NYSDEC and NFWB executed in May 2024, which cites

turbid effluent that causes substantial visible contrast. Moreover, in December 2024, the NFWB received a new Draft SPDES permit that includes more stringent requirements for the effluent quality of the NFWB, with new or tighter limits to several parameters.

## 2. Project Approach

### 2.1 Scope of Work

The following list summarizes the proposed tasks to accomplish the scope of work as outlined in the project approach, and additional scope items Hazen recommends including in the project.

#### Task 1: Hydraulic Study

- *Data Collection & Review*: review existing drawings and available data, submit a request for information (RFI), if necessary.
  - *Field Visits*: up to two (2) field day visits planned to take measurements at the WWTP and speak with WWTP staff to understand plant operations to aid in the hydraulic model development.
  - *Survey*: up to two (2) days planned for survey shots of WWTP equipment to aid in hydraulic model development. The survey effort includes up to 100-point shots including benchmarks.
  - *Flow Monitoring*: up to five (5) locations are planned to install ultrasonic level sensors for a period of up to four (4) months to understand how water surface elevation responds to incoming WWTP flow variations.
- *Hydraulic Model Development*: the hydraulic model will be developed in HazenPro from record drawings, field measurements, flow data, and survey elevations. HazenPro is an excel based model that has been used to evaluate and/or design hundreds of facilities across the country.
- *Hydraulic Model Alternatives Analyses*: the hydraulic model alternatives analyses will include developing a hydraulic grade line profile for up to a total of six (6) different flow scenarios for existing conditions and proposed conditions at various flow conditions.
- *Hydraulic Study Workshop*: Hazen will conduct up to one (1) workshop with NFWB to discuss the results of the hydraulic study.

#### Deliverables:

- *Hydraulic Profiles*
- *Detailed Workshop Slides*
- *Survey Files from Frandina*
- *Flow Monitoring Files from TECSmith*

## 3. Fee Proposal and Hourly Rates

### 3.1 Assumptions for Fee Proposal

The costs presented in the Fee Proposal and Rates Summary below were developed using the following assumptions:

1. Task 1 pricing includes two days in the field for two Hazen staff members to collect necessary data like weir and gate measurements to perform the hydraulic study. It was assumed that the field days would be conducted at the same time as the survey.
2. Task 1 pricing includes a subcontractor estimate for survey of pertinent WWTP equipment like the 100-foot weir. Survey includes two days in the field and approximately 50-to-100-point shots at the WWTP facility. Topographic contour lines will not be developed as part of this survey effort.
3. Task 1 pricing includes a subcontractor estimate for water level data collection. Water level data collection includes installation and monitoring with ultrasonic water level indicators at up to five locations at the WWTP facility for up to four (4) months of data collected.
4. Task 1 subcontracting costs are included up to \$47,000.
5. Until preliminary discussions are had with NYSDEC, it is not yet understood whether or not SPDES permit modifications will be required. SPDES permit modification request (and supporting Engineering assistance) is not included in this scope of work, but can be added by contract amendment when and if required.
6. Project duration is assumed to be 6 – 8 months.
7. Hazen assumes up to one (1) workshop with NFWB to discuss the outcomes of the hydraulic study. Additional milestone meetings can be added by contract amendment.
8. No wastewater quality sampling is included in this proposal.

### 3.2 Fee Proposal and Rates

Hazen proposes to complete the scope of work described above, as a “Not to Exceed” (NTE) Time and Materials basis using the rate tables agreed upon in the PER Contract.

Task 1 includes the Subconsultant fees for survey by Frandina Engineering and Land Surveying, PC and for water level monitoring by TECSmith, Inc. Hazen looks forward to further discussions with NFWB to refine the project scope and budget prior to beginning work.

**Table 1 Fee Table**

Scope of Work	Labor	Other Direct Costs	Subconsultants	Total Fee Proposal
Task 1 – Hydraulic Study	\$49,200	\$1,500	\$47,000	\$97,700
<b>Total</b>	<b>\$49,200</b>	<b>\$1,500</b>	<b>\$47,000</b>	<b>\$97,700</b>

The Level of Effort in hours for the hydraulic study is shown in Table 2.

**Table 2 Hydraulic Study Level of Effort (Hazen Staff)**

Hydraulic Study Subtasks	Vice President	Sr. Associate	Sr. Principal Engineer	Assistant Engineer	Engineer	QAQC
Data Collection/ Site Visit	2	2	30	30		
Survey	1		2	4		
Hdyraulic Model Development	2	12	20	40		8
Alternatives Evaluation	2	8	10	24		10
Hydraulic Profile Development					30	
Workshop	1	1	1	4		
<b>Total</b>	<b>8</b>	<b>23</b>	<b>63</b>	<b>102</b>	<b>30</b>	<b>18</b>

The proposed schedule is shown in Table 3 for Task 1, assuming the Notice to Proceed occurs in March 2026. The total project duration is estimated to be six to eight months with the final deliverables in October 2026, pending coordination and comment period by NYSDEC.

**Table 3 Proposed Schedule**

Scope of Work	Schedule	Duration (days)
Task 1 – Hydraulic Study	Mar to Oct	210
<b>Total</b>		<b>210</b>

**ACCEPTING PROPOSAL FOR WWTP  
UNINTERRUPTIBLE POWER SUPPLY REPLACEMENTS**

**WHEREAS**, the Niagara Falls Water Board’s Wastewater Treatment Plant (“WWTP”) has numerous electronic controls that are impacted by voltage fluctuations which occur at the plant and which may be damaged and rendered inoperable by power outages, including components of the plant’s Supervisory Control and Data Acquisition (“SCADA”) system; and

**WHEREAS**, an Uninterruptible Power Supply (“UPS”) acts as a battery backup providing instant temporary power during outages and regulates voltage to prevent damage from power surges; and

**WHEREAS**, at many locations in the WWTP, the existing UPS is non-functional or not reliable and must be replaced; and

**WHEREAS**, upgrading the WWTP UPS units will ensure reliability and add useful functionality because modern UPS units include network-based monitoring and management functions that will allow Water Board staff to monitor systems, run diagnostic tests, and access data logs to pinpoint potential issues; and

**WHEREAS**, Water Board staff have obtained a quotation from Motion Industries pursuant to the Board’s existing SCADA Service and Maintenance Contract to supply and install the necessary UPS units, including supplying updated engineering drawings, for a proposed price of \$62,238.96;

\* CONTINUED ON NEXT PAGE \*

**NOW THEREFORE BE IT**

**RESOLVED**, that on behalf of the Niagara Falls Water Board, the Executive Director is hereby authorized accept the February 13, 2026 proposal from Motion Industries to furnish and install Uninterruptible Power Supply units at the Wastewater Treatment Plant, as described in that firm’s proposal and pursuant to the terms of the SCADA Service and Maintenance contract, for a total fee not to exceed \$62,238.96.

Capital Plan Item: WWTP-17, WWTP Infrastructure Projects – Misc.

On March 23, 2026, the question of the adoption of the foregoing Resolution was duly put to a vote on roll call, which resulted as follows:

	<b>Yes</b>	<b>No</b>	<b>Abstain</b>	<b>Absent</b>
Board Member Cole	[ ]	[ ]	[ ]	[ ]
Board Member Dean	[ ]	[ ]	[ ]	[ ]
Board Member Kimble	[ ]	[ ]	[ ]	[ ]
Board Member Weiss	[ ]	[ ]	[ ]	[ ]
Chairman Sirianni	[ ]	[ ]	[ ]	[ ]

Vote Witnessed By:

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Sean W. Costello, Secretary to Board

Motion Industries Proposal #260125-1

February 13, 2026

Subject: UPS Replacement

Elton Mensah-Selby:

We are submitting the following Motion Industries proposal #260125-1 for the UPS Replacement project.

The following Work Scope identifies deliverables associated with the above listed project.

**Work Scope**

Engineering Submittal will be provided covering the following:

1. Shipped Loose Material
  - a. Admin Server Room
    - i. Qty. (2) UPS SRT1500RMXLA-NC
    - ii. Qty. (1) UPS Foot Kit
  - b. IP2 Power Center 1
    - i. Qty. (1) UPS S4K4U6000D
  - c. Operation Center
    - i. Qty. (2) UPS SRT1500RMXLA-NC
    - ii. Qty. (2) UPS Foot Kit
  - d. Denmark
    - i. Qty. (1) UPS SRT1500RMXLA-NC
    - ii. Qty. (1) UPS Foot Kit
  - e. SCADA
    - i. Qty. (2) UPS SRT1500RMXLA-NC
    - ii. Qty. (2) UPS Foot Kit
  - f. CFCPA
    - i. Qty. (1) UPS SRT1500RMXLA-NC
    - ii. Qty. (1) UPS Foot Kit
  - g. Odor Panel
    - i. Qty. (2) UPS Battery 1274118
  - h. CCT Panel
    - i. Qty. (2) UPS Battery 1274118
  - i. CFCPB
    - i. Qty. (1) UPS SRT1500RMXLA-NC
    - ii. Qty. (1) UPS Foot Kit
  - j. IP3
    - i. Qty. (2) UPS Battery 1133819
    - ii. Qty. (1) UPS 1136813
    - iii. Qty. (1) load calculation will be provided on drawings for approval
  - k. IP3A
    - i. Qty. (2) UPS Battery 1133819
    - ii. Qty. (1) UPS 1136813
    - iii. Qty. (1) load calculation will be provided on drawings for approval
  - l. Control Panels Idle UPS
    - i. Qty. (1) UPS SRT1500RMXLA-NC
    - ii. Qty. (1) UPS Foot Kit

2. Drawing Updates
  - a. Drawing updates will be provided for IP3 and IP3A. These updates consist of adding the UPS and Battery to the appropriate circuit page and panel layout drawing. The drawing updates are not for a complete book of plans. CAD files will need to be provided for drawing updates to be made.
3. Engineering Submittal Format
  - a. All control system drawings and BOM will be submitted for approval prior to procurement of materials and start of manufacturing.
  - b. All control panel documentation will be developed using CAD software.
  - c. Engineering Submittal and Final Drawing Documentation will be supplied on 11” x 17” paper and in electronic.dwg formats.
  - d. NFPA Ladder format schematic documentation will be provided on customer title block.
  - e. All documentation will be provided on Standard Motion Industries title block unless an alternate title block is provided.
  - f. Manufacturers cut sheets will be provided for the material being provided with red box identification or specific component model numbers and certifications (i.e. UL listing, etc.), where applicable.
4. Installation and Startup
  - a. Motion Industries personnel will travel to the site and install the material being provided in this proposal. Once the material is installed it will be verified that it is working properly.

**Pricing Summary**

- Schedule of Values (SOV)

Item No.	Description	Qty.	Price Ea.	Ext. Price
1	Proposal Price	1	\$62,238.96	\$62,238.96
-		1	<b>Total</b>	<b>\$62,238.96</b>

Pricing excludes any subsequent tariffs or fees which may be imposed. If new tariffs or fees are introduced, an order will be quoted/repriced, and an updated PO will be requested. If order cancellation is requested, cancellation fees may apply. If an order is non-cancellable, fees may include full-price and applicable tariffs and fees.

**Terms & Conditions**

- Full Terms and Conditions of Sale listed in Appendix A.
- Shipping: FOB Motion Industries, Rochester, NY 14607
- Freight: Pre-Pay and Add
- Invoicing: Net. 30 days
  - Invoicing to follow an agreed Schedule of Values determined at time of Purchase Order
- Delivery:
  - Engineering Submittal: 6 weeks after receipt and acceptance of purchase order
  - Shipped Loose Material: 12 weeks after approved Engineering Submittal
- Purchase order acceptance is expressly based upon Motion Industries standard terms and conditions
- Cancellation Policy:
  - Please note that the products and services listed in this proposal are custom, made to order items, and cannot be returned. In the event this order is cancelled or modified for any reason, the Contractor is obligated for cost and expenses incurred by Motion Industries as a result of the cancellation, modification, returns, progress being stopped or other changes from proposed quantities and conditions specified herein.
- Warranty:

- Motion Industries guarantees all workmanship for a period of 12 months from date of shipment. Component Warranties are limited to that provided by the manufacturers—component warranties will be transferred to the owner.
- Proposal is Valid for: 30 days
- Remit To:  
Motion Industries  
62303 Collections Center Dr  
Chicago, IL 60693-0623

Please let me know of any questions or need for additional information.

Best regards,

*Michael Avery*

Michael Avery