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AGENDA

Business Meeting of the Niagara Falls Water Board February 27, 2023

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

**Board Member Technology Training at 4:30 p.m.
Business Meeting at 5:00 p.m.**

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

1. Preliminary Matters

a. Attendance:

Asklar (Board Member/Chairman of Finance/Member Exec. Staff Review Cmte.) _____

Kimble (Board Member) _____

**Larkin (Board Member/Vice Chairwoman/Governance Chairwoman/
Chairwoman Exec. Staff Review Cmte.) _____**

Leffler (Board Member/Member Exec. Staff Review Cmte.) _____

Forster (Chairman) _____

b. Public Comments (All speakers must register with the meeting clerk prior to roll call and are limited to three minutes per person – total time for all speakers may not exceed one hour).

c. Comments from Chairman Forster

- d. Presentations (none scheduled)**
 - e. Letters and Communications**
 - i. 2023-02-13 – COVID Wastewater Surveillance Update Memorandum**
 - f. Prior Meeting Minutes**
 - i. Draft January 30, 2023 Meeting Minutes**
- 2. Executive Director – Dr. Abderrahman Zehraoui**
 - a. WWTP Project Budget Tracker (CPL)**
 - b. WWTP Construction Schedule Tracker (CPL)**
 - c. Financial Award Summary (CPL)**
- 3. System Infrastructure and Operations – Russell DeFranco**
- 4. Outside Infrastructure Updates – Michael Eagler**
- 5. Engineering – Douglas Williamson**
- 6. Personnel Items – David San Lorenzo**
 - a. February 27, 2023 Personnel Actions**
- 7. Information Technology (IT) – Dr. Abderrahman Zehraoui**

8. Finance – Brian Majchrowicz

- a. Audit Update**
- b. Shutoff Program**
- c. Revenue Budget Performance Report through 12/31/2022**
- d. Sewer Fund Expense Budget Performance Report through 12/31/2022**
- c. Water Fund Expense Budget Performance Report through 12/31/2022**
- d. Board Fund Expense Budget Performance Report through 12/31/2022**
- e. Key Bank and Bank on Buffalo Balance Report**
- f. Wilmington Trust Balance Report**
- g. Treasury Account Balance Report**
- h. Budget Amendments Report**
- i. January 2023 Capital Payments**

9. Questions Regarding January 2023 Operations and Maintenance Report

10. Safety – John Accardo

11. General Counsel and Secretary – Sean Costello

- a. NYPA Solar Update**

12. From the Chairman

13. Resolutions

2023-02-001 – AWARD BID FOR WASTEWATER TREATMENT PLANT SLUDGE HAULING AND DISPOSAL

- a. WWTP Sludge Hauling and Disposal Bid Award Recommendation and Bid Tabulation**

2023-02-002 – AWARD BID FOR HAULING AND DISPOSAL OF ALUMINUM-BASED RESIDUALS FROM WATER TREATMENT PLANT

- a. WTP Residual Sludge Hauling and Disposal Award Recommendation and Bid Tally**

2023-02-003 - WATER TREATMENT PLANT GENERATOR CONTROL UPGRADE

- a. Milton CAT Generator and Switchgear Control Proposal**
- b. Ferguson Quote for Generator Control Upgrade Work**

14. Unfinished/Old Business

1) WWTP Sodium Hypochlorite Tank Replacement

- 7/14/22: The 2021 WIIA Sewer (WWTP) Grant of \$1,125,000 was awarded on April 19, 2022 that included the some of the funds necessary to complete the WWTP tank removal and replacement work. We may be able to utilize some of the remaining balance of the WWTP Phase II grant to assist with this work, as well. We need approval from the NYSDEC to include some of the WWTP tank replacement work under this WWTP Phase II grant. The draft WWTP Tank Replacement RFP that was created needs to be finalized to show the grant funding sources that have been approved for the project, before we can proceed.
- 9/22/22: Next step is requesting approval to use Phase II grant funds (will be packaged with other projects).
- 12/15/22: DEC preliminary comments on use of Phase II grant funds being reviewed and addressed.
- 1/19/23: CPL revising memorandum regarding Phase II projects for re-submission to DEC.
- 2/23/23: CPL working to revise projects to include more in Phase I, which impacts funds available and projects to be included for Phase II.

2) Whitney Ave. Water Main Replacement

- 9/22/22: Design documents to be submitted to DOH for approval by 10/1.
- 11/11/22: Received comments from NYS. Preparing response letter for submission.
- 1/19/23: Waiting for DOH reply to comment response letter.
- 2/8/23: Received DOH approval, now preparing bid documents for project, anticipated documents available late March.

3) 18th Street Water Main Replacement

- 7/14/22: 4th Generation was awarded bid at June 2022 Board meeting. 30-week lead time for material delivery.
- 9/22/22: Construction planned to commence in Spring 2023.
- 1/19/22: Still on target for Spring 2023 construction.
- 2/23/23: Received Preliminary Schedule from 4th Generation, Construction to begin late March. CPL is going to provide a proposal for Construction Administration and Inspection services soon.

4) WTP Perimeter Fence Replacement Update

- 7/14/22: The 2021 WIHA Water Grant application of \$3 million was awarded on April 19, 2022 that included some funds that can be used for the WTP perimeter fence replacement work. On 7/13/22, the capital purchase order for the \$8,000 brush hog was completed to assist with the work in-house. WTP maintenance to schedule and coordinate the fencing work.
- 9/22/22: Brush hog delivered, Outside Maintenance has used it to clear along the fence line.
- 11/10/22: Obtaining quotes related to fence and other security needs, meeting OGS-listed contractor 11/17.
- 1/19/23: Project to be attempted in Spring with outside maintenance installing posts.
- 2/23/23: South side fence break repairs in progress. Ground elevation improvements and security wire on top of south side fence scheduled for Spring when ground has hardened.

5) Paychex Payroll System Update

- 01/09/23: System is live for payroll, HR staff is currently reviewing each employee's accrued time for 2023 to ensure it was added correctly.
- 01/17/23: Downloaded, printed, and distributed 2022 W-2's.
- 02/19/23: System is live for payroll, HR staff has reviewed each employee's accrued time for 2023 to ensure it was added correctly.

15. New Business & Additional Items for Discussion

16. Executive Session (if needed)

17. Adjournment of Meeting

WASTEWATER SURVEILLANCE UPDATE

DASHBOARD | WEBSITE

DATE: February 13, 2023

TO: Niagara County Health Department, Niagara Falls Wastewater Treatment Plant, & Stakeholders

FROM: Lydia Bennett, on behalf of the New York State Wastewater Surveillance Network

RE: Niagara County Weekly Wastewater Surveillance Data Report

Wastewater samples collected on February 7, 2023 had a quantifiable detection of SARS-CoV-2 RNA in the following wastewater treatment plant catchment indicating substantial to high community-level transmission:

- City of Niagara Falls

The trend in SARS-CoV-2 over the past two weeks is increasing in the following catchment:

- City of Niagara Falls

Compared to levels found across New York State's average, levels of SARS-CoV-2 are elevated for the following catchment:

- City of Niagara Falls

Attached with this memo are several figures that you may find useful.

¹ Thank you for your continued participation in the New York State Wastewater Surveillance Network. We truly appreciate the time and service you give every week, and all of the work that you do!

² Please note that our quality control variable for the most recent sample from the City of Niagara Falls influent was lesser than expected, which suggests that we should be cautious when interpreting the results of the most recent sample.

³ If you have any questions or concerns, please contact me at lbennett@cdcfoundation.org.

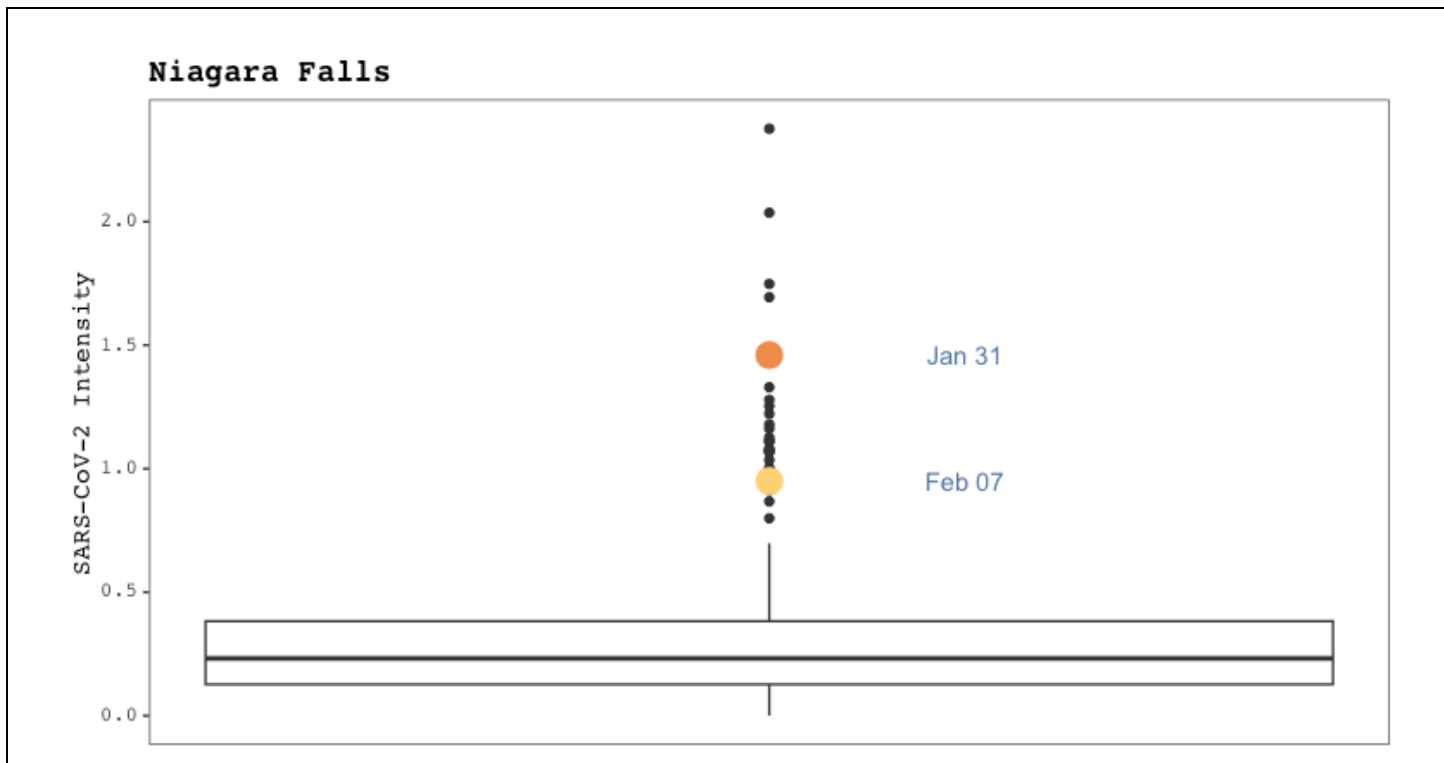


Figure 1:

Observed levels of SARS-CoV-2 intensity at the City of Niagara Falls influent compared to NYS values.

Colored points represent the SARS-CoV-2 intensity of samples taken at the influent over the last two weeks. Different colors represent different sample dates. The box plot represents all SARS-CoV-2 values from the previous two weeks as observed from wastewater treatment facilities across New York. The box plot shows the median (solid line), first and third quartiles (box edges), minimum (lower whiskers), maximum (upper whisker), and outliers (black dots) for all NY WWTP's. The concentration of SARS-CoV-2 is normalized by population, $\ln(\text{SARS-CoV-2})/\ln(\text{PMMoV})$, to give overall intensity.

- The most recent sample reveals elevated intensity at the City of Niagara Falls influent, as opposed to the rest of the state.

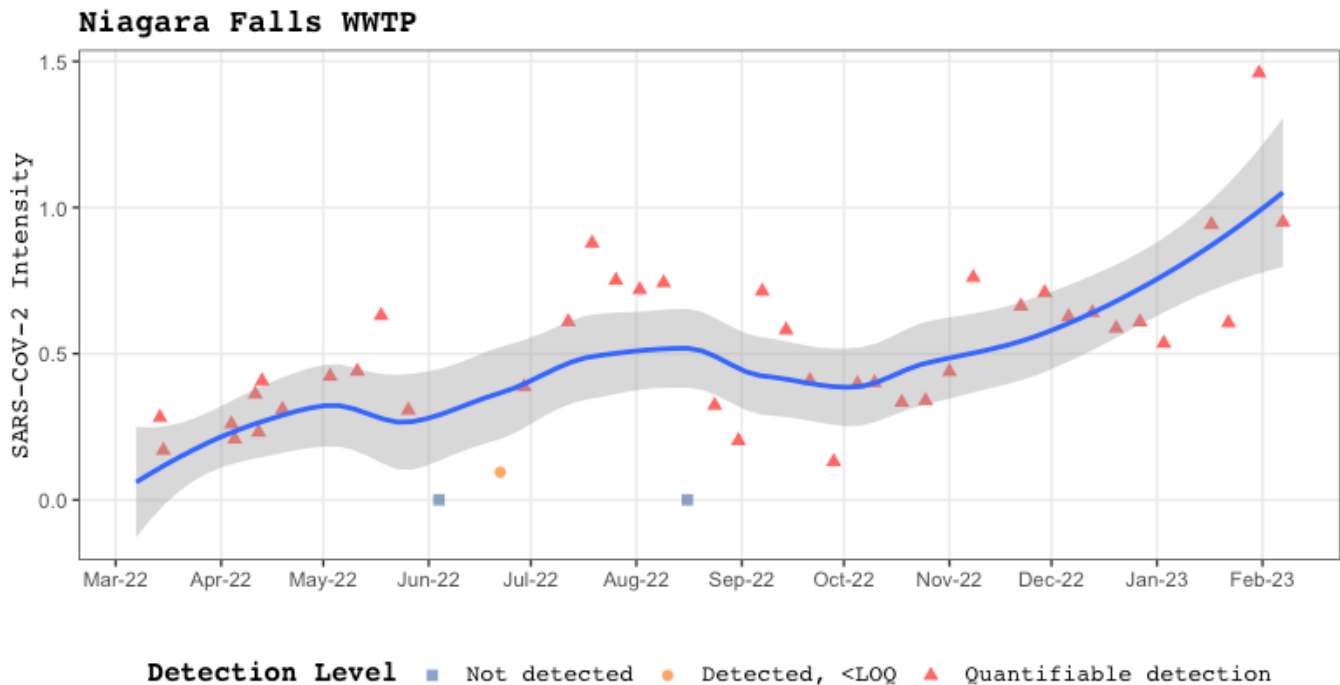


Figure 2:

SARS-CoV-2 intensity over time at the City of Niagara Falls influent.

A smoothed trend line (blue), uncertainty (gray band), and wastewater samples (points) are shown. Wastewater sample points are color coded to specify the level of SARS-CoV-2 detected. The concentration of SARS-CoV-2 is normalized by population, $\ln(\text{SARS-CoV-2})/\ln(\text{PMMoV})$, to give overall intensity.

The level of SARS-CoV-2 RNA can tell us roughly how many cases can be expected in a population.

- Not detected: low transmission, <10 cases per 100,000 in the past 7 days and <5% test positivity
- Detected, <LOQ: medium transmission, 10-50 cases per 100,000 in the past 7 days, and 5-7.9% test positivity
- Quantifiable detection: substantial to high transmission, >50 cases per 100,000 in the past 7 days, and 8.0% test positivity or higher

Over the past two weeks, the population served by the City of Niagara Falls influent is experiencing an increasing trend. This would mean that the population could expect higher daily COVID-19 cases in the coming weeks, if this trend continues. The most recent sample had a quantifiable detection, suggesting daily case incidence of greater than 50 cases per 100,000 population.



MINUTES

Business Meeting of the Niagara Falls Water Board January 30, 2023 at 5:00 p.m.

Meeting was held at Wastewater Treatment Plant Conference Room
1201 Buffalo Avenue, Niagara Falls, NY 14304.

This meeting permitted attendance in person or via videoconference.

1. Preliminary Matters

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

a. Attendance:

Asklar (Board Member/Chairman of Finance/Member Exec. Staff Review Cmte.) *Present*

Kimble (Board Member) *Absent*

Larkin (Board Member/Vice Chairwoman/Governance Chairwoman/
Chairwoman Exec. Staff Review Cmte.) *Present*

Leffler (Board Member/Member Exec. Staff Review Cmte.) *Present*

Forster (Chairman) *Present*

b. Public Comments (All speakers must register with the meeting clerk prior to roll call and are limited to three minutes per person – total time for all speakers may not exceed one hour).

c. Comments from Chairman Forster

Chairman Forster thanks the NFWB staff who assisted with the implementation of an on-site NFPD substation and for the assistance that was received regarding the press conference that

was held at the Water Treatment Plant on January 25, 2023. The Chairman explains that an on-site police substation allows for the NFWB to utilize otherwise empty space and benefits the City by reducing the need for the NFPD to travel to their headquarters while patrolling.

Chairman Forster states that the February 2023 Board meeting will be held in the newly renovated conference room at the WTP, and notes that all the renovation work, with the exception of the heat pumps, was completed in-house. The Chairman requested that all Board members report to the conference room at 4:30 p.m. for the 5:00 p.m. meeting in order to get familiar with the room and receive training on the new conference room technology and would like Mr. Costello to send out a reminder to all Board members. The Chairman also states that in addition to utilizing the conference room for Board meetings, it will also be utilized for both WTP and WWTP training.

Chairman Forster then asked that the Board enter into executive session to discuss matters leading to the appointment, employment, promotion, demotion, or removal of particular persons.

Motion by Board Member Asklar and seconded by Board Member Larkin to enter into Executive Session at 5:05 p.m.

Asklar __Y__ Forster __Y__ Kimble __absent__ Larkin __Y__ Leffler __Y__

Motion carried, 4-0.

Motion by Board Member Larkin and seconded by Board Member Asklar to exit Executive Session at 5:59 p.m.

Asklar __Y__ Forster __Y__ Kimble __absent__ Larkin __Y__ Leffler __Y__

Motion carried, 4-0.

d. Presentations (none scheduled)

e. Letters and Communications

**i. 2023-01-17 – COVID Wastewater Surveillance Update
Memorandum**

f. Prior Meeting Minutes

i. Draft December 19, 2022 Meeting Minutes

Motion by Board Member Asklar and seconded by Board Member Larkin to approve the December 19, 2022 meeting minutes.

Asklar __Y__ Forster __Y__ Kimble __absent__ Larkin __Y__ Leffler __Y__

Motion carried, 4-0.

2. Executive Director – Dr. Abderrahman Zehraoui
 - a. WWTP Project Budget Tracker (CPL)
 - b. WWTP Construction Schedule Tracker (CPL)
 - c. Financial Award Summary (CPL)
3. System Infrastructure and Operations – Russell DeFranco
4. Outside Infrastructure Updates – Michael Eagler

Mr. Eagler states a recent water main break on 95th St. in the Love Canal area was repaired promptly and was not located near to the capped off landfill area.

5. Engineering – Douglas Williamson
6. Personnel Items – David San Lorenzo
 - a. January 30, 2023 Personnel Actions
 - b. Updated Organizational Chart

Mr. San Lorenzo noted that he has been reviewing the health insurance billing received from Highmark and identified and corrected a number of issues with improper billing.

The Board discussed the hiring of an additional painter to address projects mostly at the WWTP. The cost to hire a painter as a NFWB employee is about \$20,000 less per year versus hiring one out of the Union Hall.

Motion by Board Member Larkin and seconded by Board Member Leffler to amend the Personnel Actions sheet to add hiring a painter.

Asklar __Y__ Forster __Y__ Kimble __absent__ Larkin __Y__ Leffler __Y__

Motion carried, 4-0

Motion by Board Member Larkin and seconded by Board Member Leffler to approve the January 30, 2023 Personnel Actions.

Asklar __Y__ Forster __Y__ Kimble __absent__ Larkin __Y__ Leffler __Y__

Motion carried, 4-0

7. Information Technology (IT) – Dr. Abderrahman Zehraoui

8. Finance – Brian Majchrowicz

- a. Revenue Budget Performance Report through December 31
- b. Sewer Fund Expense Budget Performance Report through December 31
- c. Water Fund Expense Budget Performance Report through December 31
- d. Board Fund Expense Budget Performance Report through December 31
- e. Key Bank and Bank on Buffalo Balance Report
- f. Wilmington Trust Balance Report
- g. Treasury Account Balance Report
- h. Budget Amendments Report
- i. December 2022 Capital Payments

Mr. Majchrowicz noted that the Water Board received \$10,950 from the recent auction of surplus property.

9. Questions Regarding December 2022 Operations and Maintenance Report

10. Safety – John Accardo

Mr. Accardo discussed a recent meeting with Stanley Security, now a sub-division of Ferguson Electric. Discussion was had regarding the implementation of card readers in certain areas of the WTP and WWTP (beginning at the WTP), to only allow limited access to vulnerable areas.

Mr. Accardo noted that vehicle 153 has minor damage to the rear bumper.

11. General Counsel and Secretary – Sean Costello

Mr. Costello advised the Board that he intends to prepare a Request for Proposals to identify a consultant to assist with cellular lease issues, in order to maximize revenue.

12. From the Chairman

13. Resolutions

2023-01-001 – LUCITY SOFTWARE SUPPORT AND MAINTENANCE RENEWAL

a. Lucity Renewal Invoice 369970

Motion by Board Member Larkin and seconded by Board Member Asklar to approve.

Asklar __Y__ Forster __Y__ Kimble __absent__ Larkin __Y__ Leffler __Y__

Motion carried, 4-0.

**2023-01-002 – AUTHORIZING PROCUREMENT OF BACKUP MAIN PUMP
VARIABLE FREQUENCY DRIVE**

a. 2023-01-04 - Rexel Quote for VFD

b. 2023-01-09 - Rexel Sole Source Letter for Allen-Bradley VFD

Board Member Leffler stated she was recusing herself from consideration of this Resolution as her son works for Kaman.

Motion by Board Member Asklar and seconded by Board Member Larkin to approve.

Asklar __Y__ Forster __Y__ Kimble __absent__ Larkin __Y__ Leffler __abstain__

Motion carried, 3-0, with 1 abstention.

2023-01-003 – AWARD BID FOR GRANULATED ACTIVATED CARBON SUPPLY AND REMOVAL

a. Granulated Activated Carbon Award Recommendation and Bid Tally

Board Member Asklar questioned how much money is in the budget for this work. Mr. Majchrowicz replied that there is only \$20,000 in the budget, and Chairman Forster noted that staff will be discussing transferring as much as \$500,000 to this line. There is some 11-year-old spent carbon that needs to be cleaned out, right now WWTP operations is keeping odors from that carbon under control by spraying it with water but disposing of the carbon will reduce water consumption and odor.

Motion by Board Member Larkin and seconded by Board Member Asklar to approve.

Asklar __Y__ Forster __Y__ Kimble __absent__ Larkin __Y__ Leffler __Y__

Motion carried, 4-0.

2023-01-004 – GHD PROJECT 2 CONSTRUCTION PHASE SERVICES AMENDMENT

a. GHD Proposal Dated January 17, 2023

Chairman Forster questioned language in GHD's proposal that CIR and Plant IQ had not been responsive and willing to help, and asked staff to meet with them as needed to get a complete understanding of why GHD included this language in its proposal.

Motion by Board Member Asklar and seconded by Board Member Larkin to approve.

Asklar __Y__ Forster __Y__ Kimble __absent__ Larkin __Y__ Leffler __Y__

Motion carried, 4-0.

2023-01-005 – WATER SUPPLY AGREEMENT WITH NIAGARA COUNTY WATER DISTRICT

a. Proposed Water Supply Agreement

Motion by Board Member Leffler and seconded by Board Member Asklar to approve.

Asklar __Y__ Forster __Y__ Kimble __absent__ Larkin __Y__ Leffler __Y__

Motion carried, 4-0.

2023-01-006 – REQUIRING ANNUAL REVIEW AND REPORT ON EMERGENCY RESPONSE PLANS

Motion by Board Member Asklar and seconded by Board Member Leffler to approve.

Asklar __Y__ Forster __Y__ Kimble __absent__ Larkin __Y__ Leffler __Y__

Motion carried, 4-0.

2023-01-007 – WWTP PROJECT 7 CHANGE ORDERS

- a. **2023-01-24 - EI Team Project 7 Change Order Recommendations**
- b. **CIR WWTP Project 7 Change Order No. 2**
- c. **Danforth WWTP Project 7 Change Order No. 1**

Motion by Board Member Larkin and seconded by Board Member Asklar to approve.

Asklar __Y__ Forster __Y__ Kimble __absent__ Larkin __Y__ Leffler __Y__

Motion carried, 4-0.

2023-01-008 – AWARD BID FOR ONE TON CHLORINE CYLINDERS

- a. **JCI Chlorine Cylinder Bid Price and Exceptions**

Motion by Board Member Larkin and seconded by Board Member Asklar to approve.

Asklar __Y__ Forster __Y__ Kimble __absent__ Larkin __Y__ Leffler __Y__

Motion carried, 4-0.

2023-01-009 – ACCEPTING PROPOSAL FOR WTP FLUORIDE SYSTEM ASSESSMENT

- a. **2023-01-25 Proposal from C&S Engineers, Inc.**

Motion by Board Member Larkin and seconded by Board Member Leffler to approve.

Asklar __Y__ Forster __Y__ Kimble __absent__ Larkin __Y__ Leffler __Y__

Motion carried, 4-0.

14. Unfinished/Old Business

1. Board Room WTP:

- 12/15/22: Proposal for videoconference equipment obtained; floor prepared for carpet installation; doorway work completed; some finish work underway; waiting for delivery of desk.
- 1/19/23: Finish work underway; plan is to be ready for the February 27 Board meeting.

2. WWTP Sodium Hypochlorite Tank Replacement

- 7/14/22: The 2021 WIIA Sewer (WWTP) Grant of \$1,125,000 was awarded on April 19, 2022 that included the some of the funds necessary to complete the WWTP tank removal and replacement work. We may be able to utilize some of the remaining balance of the WWTP Phase II grant to assist with this work, as well. We need approval from the NYSDEC to include some of the WWTP tank replacement work under this WWTP Phase II grant. The draft WWTP Tank Replacement RFP that was created needs to be finalized to show the grant funding sources that have been approved for the project, before we can proceed.
- 9/22/22: Next step is requesting approval to use Phase II grant funds (will be packaged with other projects).
- 12/15/22: DEC preliminary comments on use of Phase II grant funds being reviewed and addressed.
- 1/19/23: CPL revising memorandum regarding Phase II projects for resubmission to DEC.

3. Whitney Ave. Water Main Replacement

- 9/22/22: Design documents to be submitted to DOH for approval by 10/1.
- 11/11/22: Received comments from NYS. Preparing response letter for submission.
- 1/19/23: Waiting for DOH reply to comment response letter.

4. 18th Street Water Main Replacement

- 7/14/22: 4th Generation was awarded bid at June 2022 Board meeting. 30week lead time for material delivery.
- 9/22/22: Construction planned to commence in Spring 2023.
- 1/19/22: Still on target for Spring 2023 construction.

5. WTP Perimeter Fence Replacement Update

- 7/14/22: The 2021 WIIA Water Grant application of \$3 million was awarded on April 19, 2022 that included some funds that can be used for the WTP perimeter fence replacement work. On 7/13/22, the capital purchase order for the \$8,000 brush hog was completed to assist with the work inhouse. WTP maintenance to schedule and coordinate the fencing work.
- 9/22/22: Brush hog delivered, Outside Maintenance has used it to clear along the fence line.
- 11/10/22: Obtaining quotes related to fence and other security needs, meeting OGS-listed contractor 11/17.
- 1/19/23: Project to be attempted in Spring with outside maintenance installing posts.

6. Paychex Payroll System Update

- 01/09/23: System is live for payroll, HR staff is currently reviewing each employee's accrued time for 2023 to ensure it was added correctly.
- 01/17/23: Downloaded, printed, and distributed 2022 W-2's.

7. Review of Internal Controls on Gate Access Cards and Master Keys

- 12/15/22: R. DeFranco addressing deficiencies in stockpile of access keys and inventory control via lock and key vendor.
- 1/19/2022: Please see Security section of monthly O&M report for ongoing updates to this item.

15. New Business & Additional Items for Discussion

16. Executive Session: Anticipated motion to enter into executive session for the purpose of considering matters leading to the appointment, employment, promotion, demotion, or removal of a particular person (Public Officers Law § 105(f)).

Conducted earlier in the meeting.

17. Adjournment of Meeting

Motion by Board Member Larkin and seconded by Board Member Asklar to adjourn the meeting at 6:58 p.m.

Asklar __Y__ Forster __Y__ Kimble __absent__ Larkin __Y__ Leffler __Y__

Motion carried, 4-0.



Niagara Falls Water Board (NFWB) Overall Project Budget Summary (Phase 1 Overall Budget = \$27M)
Last Updated: 2/22/2023

Key	
Not approved	
Preliminary Estimate	

Project	Scope	Budget	Scope/Vendor	Estimated/ Final	% Billed	Recent Work Update
1	Sedimentation Basin Upgrades	\$10,390,000	Design and Bidding (AECOM - Approved)	\$409,000	100%	Work continues on Basin #4. Parkson and Temp-press startup has been completed and trainings performed.
			CA & CI (CPL - Approved)	\$470,000	53%	
			GEN Construction (Hohl - Per Bid - Approved)	\$7,836,250	64%	
			ELEC Construction (CIR - Per Bid - Approved)	\$922,769	74%	
			Project Total	\$9,638,019	66%	
			Remaining Budget	\$751,981		
2	GPS	\$4,100,000	Design and Bidding (GHD - Approved)	\$218,800	100%	GHD is currently working with contractors to address final punchlist items.
			CA & CI (GHD - Approved)	\$315,230	99%	
			GEN Construction (STC - Per Bid - Approved)	\$2,653,000	98%	
			ELEC Construction (CIR - Per Bid - Approved)	\$418,300	94%	
			HVAC Construction (Danforth - Per Bid - Approved)	\$864,400	93%	
			Project Total	\$4,469,730	97%	
3	Screens and Grit Transportation Equipment Improvements	\$1,920,000	Design and Bidding (Arcadis - Approved)	\$166,785	100%	Coordinating remaining work with Arcadis, Hohl, and CIR.
			CA & CI (Arcadis - Approved)	\$217,750	93%	
			GEN Construction (Hohl - Per Bid - Approved)	\$1,551,986	82%	
			ELEC Construction (CIR - Per Bid - Approved)	\$255,210	76%	
			Project Total	\$2,191,730	84%	
			Remaining Budget	(\$271,730)		
4	Carbon and Filter Support Gravel Replacement	\$2,000,000	Design, Bidding, and CA/CI (AECOM - Approved)	\$114,718	Final	Construction Complete.
			GEN Construction (Carbon Activated - Per Bid - Approved)	\$1,798,840	Final	
			Final Project Total	\$1,913,558	Final	
			Final Remaining Budget	\$86,442		
5	Electrical System Improvements	\$2,610,000	Design/E.I. Team - Approved	\$102,120	100%	Ferguson proceeding with transformer submittals and purchase of replacement transformer equipment. CPL Coordinating work.
			Phase 2 Design - Approved	\$198,941	100%	
			Task 1 Construction - Ferguson - Approved	\$179,010	100%	
			Task 2 Construction - Ferguson - Approved	\$1,491,000	0%	
			Project Total	\$1,971,071	100%	
			Remaining Budget	\$638,929		

6	Effluent Disinfection	\$3,650,000	Design, Bid, and CI (AECOM - Approved)	\$189,966	Final	Construction Complete.
			GEN Construction (M&B - Per Bid - Approved)	\$1,421,042	Final	
			ELEC Construction (Ferguson - Per Bid - Approved)	\$108,000	Final	
			ELEC Construction (Ferguson - Approved Proposal - Net. Imp.)	\$338,047	Final	
			CA/In-House - CPL (Included in current CPL term contract)	~ 5% or \$185,000 if by engineer		
			Project Total	\$2,057,056		
			Remaining Budget	\$1,592,944		
7	Replacement of Critical Heating and Ventilation Equipment	\$1,160,000	Design and Bidding (E.I. Team - Approved)	\$111,800	100%	Currently in construction. EI Team is providing part time inspection per their CA/CI contract. Lighting conflict resolution has been reached.
			CA/ CI (EI Team - Approved)	\$56,120	76%	
			ELEC Construction (CIR - Per Bid - Approved)	\$177,363	31%	
			HVAC Construction (Danforth - Per Bid - Approved)	\$782,000	68%	
			Running Total	\$1,127,283	62%	
			Remaining Budget	\$32,717		
8	Replacement of Blower Equipment	\$300,000	Design/In-House AECOM/ CPL (Included in current CPL contract)	N/A	N/A	Construction Complete.
			CA/CI/In-House - CPL (Included in current CPL term contract)	N/A	N/A	
			Construction (Armor Sales & Service)	\$2,478	Final	
			Construction (Core Welding)	\$950	Final	
			Construction (D&W Industrial)	\$28,222	Final	
			Construction (Mollenberg)	\$46,925	Final	
			Construction (Niagara Controls)	\$11,544	Final	
			Final Total	\$90,118		
			Final Remaining Budget	\$209,882		
9	Replacement of Process Piping	\$640,000	Piping Assessment Report (Ramboll - Approved)	\$59,770	100%	Construction Complete.
			Design, Bidding, and CA/CI (JMD - Approved)	\$63,480	100%	
			Construction - (MLP - Per Bid - Approved)	\$428,300	100%	
			Running Total	\$551,550	100%	
			Remaining Budget	(\$88,450)		
10	SCADA Improvements	\$455,000	Phase 1 Design/ Construction/Kaman - Approved	\$352,450	64%	Kaman continues SCADA integration work with Capital Project contractors.
			Phase 2 Design/ Construction - Approved (For Project #6)	\$146,200		
			Running Total	\$498,650	64%	
			Remaining Budget	(\$43,650)		

Phase 1 Budget Total =	\$27,000,000	Anticipated Total Cost (Percentage of Total Budget)	\$24,508,764	Remaining Ph. Budget	\$2,491,236
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Niagara Falls Water Board (NFWB) Overall Capital Project Budget Summary (Phase 2 Overall Budget = \$13M)

Niagara Falls Water Board (NFWB) Overall Capital Project Budget Summary (Phase 2 Overall Budget = \$13M)					Key	
					Not approved	
					Preliminary Estimate	
Project	Scope of Work	Budget	Scope/Vendor	Estimated Task	% Billed	Recent Work Update
2B	Outfall	\$1,700,000	Design, Bidding, and CA/CI (GHD - Approved)	\$37,400	100%	(See Project #2 Update)
			GEN Construction (STC - Per Bid - Approved)	\$562,000	90%	
			Running Total	\$599,400	91%	
			Remaining Budget	\$1,100,600		
11A	18" Plant Drain Upgrade	\$225,000	11A Design, Bidding, and CA/CI (JMD - Approved)	\$15,890	100%	Completed
			Const. (Danforth - Per Bid - Approved)	\$169,000	100%	
			Running Total	\$184,890	100%	
			Remaining Budget	\$40,110		
11B	Hypo and Sludge Improvements	\$975,000	11B Design, Bidding, and CA/CI (JMD - Approved)	\$68,343	76%	Pressure testing and final closeout.
			Const. (Danforth - Per Bid - Approved)	\$571,490	33%	
			Running Total	\$639,833	37%	
			Remaining Budget	\$335,167		
12	Intermediate Pumps Upgrades	\$3,075,000	Intermediate Pump Assessment (GHD - Approved)	\$21,716	83%	GHD has draft pump evaluation report.
			Running Total	\$21,716	83%	
			Remaining Budget	\$3,053,284		
Ph. 2 Budget = \$13,000,000			Phase 2 Running Total	\$4,499,123		
*Updated to reflect full available Phase 2 Budget, grant not yet approved			Phase 2 Remaining Budget	\$8,500,877		

ESTIMATED CONSTRUCTION SCHEDULE

NFWB CAPITAL IMPROVEMENT PROJECTS

Updated: 2 - 23 -23

Updated: 2 - 23 -23			2022												2023												2024																							
TASK DESCRIPTION	PLAN START	PLAN END	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D												
Project #1: Sed. Basin Upgrades (CPL) - CA/CI Approved (10-26-20)																																																		
Design and Bidding	5/22/2019	10/1/2020																																																
Mobilization	11/1/2020	2/1/2021																																																
Construction (Phase 1)	3/1/2021	6/30/2022																																																
Construction (Phase 2)	7/1/2022	2/3/2023																																																
Construction (Phase 3)	3/1/2023	2/3/2024																																																
Construction (Phase 4)	3/1/2024	11/30/2024																																																
Project #2 GPS Rehab (GHD) - CA/CI Services Approved (12-16-19)																																																		
Design and Bidding	6/3/2019	6/27/2020																																																
Construction	7/1/2020	3/31/2023																																																
Project #3 Polymer and Grit (Arcadis) - CA/CI Approved (10-26-20)																																																		
Design and Bidding	5/30/2019	10/1/2020																																																
Construction	11/1/2020	4/1/2023																																																
Project #4 Carbon (AECOM) - CA/CI Approved (11-25-19)																																																		
Design and Bidding	5/22/2019	2/22/2020	Project Complete																																															
Construction	3/1/2020	9/1/2020	Project Complete																																															
Project #5 Electrical System Improvements (EI Team)																																																		
Design and Bidding	4/25/2019	2/1/2022																																																
Construction	3/1/2022	5/1/2023																																																
Project #6 Effluent Disinfection (AECOM) - CA Services (Approved Previously)																																																		
Design and Bidding	6/25/2019	2/1/2020	Project Complete																																															
Construction	3/1/2020	4/1/2021	Project Complete																																															
Project #7 HVAC Improvements (EI Team) - CA/CI Services Approved (9-28-20)																																																		
Design and Bidding	4/25/2019	1/1/2021																																																
Construction	2/1/2021	3/31/2023																																																
Project #8 Replacement of Blower Equipment (In House) - CA Services by AECOM and CPL																																																		
Design and Bidding	2/1/2019	6/1/2019	Project Complete																																															
Construction	7/1/2019	2/1/2020	Project Complete																																															
Project #9 Replacement of Process Piping (JMD) - CA/CI Services Approved (9-28-20)																																																		
Design and Bidding	10/26/2019	3/26/2021	Project Complete																																															
Construction	4/1/2021	3/1/2022	Project Complete																																															
Project #10 SCADA Improvements (Kaman) - CA Services Not Required																																																		
Design and Bidding	6/1/2019	12/1/2019																																																
Construction	1/1/2020	11/1/2024																																																
Project #11 WWTP Additional Piping (JMD) CA/CI Services Approved (9-28-20)																																																		
Design and Bidding	10/1/2019	3/26/2021																																																
Construction	4/1/2021	2/1/2023																																																
Project #12 Int. Pump Improvements (GHD)																																																		
Design	3/23/2022	8/23/2022																																																
			J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D

NFWB Financial Award Summary

Last Updated: 2/13/23

Note: Changes from last summary are in red text



Description	Amount	Source	Status
AWARDED			
Various Watermain Improvements 2018 GRANT Portion	\$5,495,000 total \$3,000,000 grant \$2,495,000 loan 2/11/21 Agreement Date 2/11/26 use funds by	NYS EFC DWSRF 18588	City Engineer and Urban Engineers started design on two streets. CPL started design on 77th Street & Whitney Ave. EFC request more detail on City fee estimates. CPL sent NFWB email concerning this 1/31/22. City responded to NFWB inquiry that they will have no fees to NFWB for these projects.
Various Watermain Improvements 2018 LOAN Portion	\$5,495,000 total \$3,000,000 grant \$2,495,000 loan	NYS EFC DWSRF 18588	City Engineer and Urban Engineers started design on two streets. CPL started design on 77th Street & Whitney Ave. EFC request more detail on City fee estimates. CPL sent NFWB email concerning this 1/31/22. City responded to NFWB inquiry that they will have no fees to NFWB for these projects.
Sewer Plant Phase 1 Improvements	\$13,500,000 grant	NYS DASNY ID #15688	Awarded. Six reimbursements received that total \$4.81 million.
Sewer Plant Phase 1 Improvements	\$13,500,000 loan long term \$27,000,000 loan short term	NYS EFC #C9-6603-12-00	Financial agreement has been processed April 2021. Disbursement request #1 for \$1.6 million has been received by NFWB. EFC approved 2nd request paperwork in amount of \$8.8 million, payment remitted. CPL to start reimbursement #3.
Sewer Plant Phase 2 Improvements	\$13,000,000 total \$6,500,000 grant	NYS DASNY	Projects 2B, 11A, 11B and 12 are allowed to access this funding. Work is underway and progressing. NFWB staff and CPL determining what projects can be added to Phase 2 for using all \$20 million DASNY grant.
LaSalle Sewer Area Phase 2 system report update & flow monitoring	\$250,000 total \$100,000 grant \$150,000 NFWB Match	NYSDEC Engineering Planning Grant #111586	Application submitted 7/30/21. Grant awarded December 2021. May 2022 conference call with NFWB, DEC and EFC. NYS okay with revised schedule. NFWB obtained engineering proposal and awarded to consultant. When awarded, submit to EFC with remaining grant paperwork.
LaSalle Sewer Area Phase 2 Construction	\$1,000,000 total \$800,000 grant \$200,000 NFWB match	NYSDEC WQIP C01522GG #111619	Application submitted 7/30/21. Grant awarded December 2021. May 2022 conference call with NFWB, DEC and EFC. NYS okay with revised schedule. Possible improvements can be done in 2022 or 2023. NFWB staff to obtain agreement with DEC by end of March per DEC request.
LaSalle Sewer Area Phase 2 Construction	\$1,018,400 loan	NYS EFC CWSRF C9-6603-13-00	Application made to Intended Use Plan and listed. Funding can be for short & long terms to help assist with above WQIP grant. Bond resolution sent to EFC 12/23/22. EFC sent missing items letter 2/9/23. NFWB and CPL to discuss with EFC.

NFWB Financial Award Summary

Last Updated: 2/13/23

Note: Changes from last summary are in red text



Description	Amount	Source	Status
Drinking Water Fluoridation Component 1 (Planning Study for water plant upgrades)	\$25,000 grant	NYS Division of Family Health #T37250GG	Application submitted 10/1/21. Planning grant awarded 2/7/22. Requested paperwork provided to DOH 3/7/22. NFWB sent quarterly report to DOH 11/7/22. NFWB obtained proposal for study . Then provide remaining paperwork to NYS.
2021 Various Watermain & System Improvements	\$10,025,000 total \$3,000,000 grant \$7,025,000 loan	NYS EFC DWSRF 19056	Board approved resolution 10/25/21. Application to EFC made 11/19/21. Funding awarded April 2022, NFWB accepted 5/13/22. EFC to send draft agreement for review.
2021 Various Sewer & System Improvements	\$4,500,000 total \$1,125,000 grant \$3,375,000 loan	NYS EFC CWSRF C9-6603-14-00	Board approved resolution 10/25/21. Application to EFC made 11/19/21. Funding awarded April 2022, NFWB accepted 5/13/22. EFC to send draft agreement for review. EFC requesting information on backup generator. CPL working with suppliers and staff. EFC sent missing items letter 2/3/23, needed prior to receiving funds.
2022 Various Sewer & System Improvements	\$5,400,000 total \$1,250,000 grant \$4,150,000 loan	NYS EFC CWSRF C9-6603-16-00	NFWB staff & CPL met 3/7/22 to discuss. EFC submission deadline 9/9/22. Application submitted 9/8/22. EFC announced award 11/4/22. NFWB accepted award 11/16/22. EFC to provide draft agreement. EFC sent missing items letter 2/10/23, needed prior to receiving funds.

NFWB Financial Award Summary

Last Updated: 2/13/23

Note: Changes from last summary are in red text



Description	Amount	Source	Status
FUTURE			
Local Government Records Management Improvement	Grant, varies. Up to \$150,000 if submit with City	NYS Archives	Recommend NFWB partner with City to maximize grant award. If City not interested, NFWB should make application by themselves. Application period anticipated to be early 2021. NFWB met with City Feb 2021 to discuss. CPL awaiting direction.
Local Government Efficiency Program	Grant, varies. Up to \$150,000 if submit with City	NYS DOS	For projects that will achieve improvements between NFWB and other entities such as County, City, Public Safety, etc. NFWB met with City Feb 2021 to discuss. CPL awaiting direction.
Zero-Emission Vehicle Infrastructure Grant (electric charging stations)	max \$250,000 per location and max \$500,000 to NFWB, up to 20% NFWB match	NYS OCC	Stations must be accessible by public. Part of CFA process. Next application deadline anticipated July 2023.
Large Funding Request Sewer Plant Biological Conversion	\$250,000,000	NYS & Federal	Effort underway with officials for request. Several meetings with officials and WNY funding delegation. CPL submitted financial application to EFC IUP list 1/11/21. Funding request submitted to Senator Schumer 4/9/22. EFC Intended Use Plan listing updated 6/7/22. EFC updated listing August 2022 to have two components, one of \$20 million for design and second of \$230 million for construction. Easier for EFC to issue funds in phases.
Large Funding Request Lead Removal	\$70,000,000	NYS & Federal	Effort underway with officials for request. Several meetings with officials and WNY funding delegation. CPL to prepare with NFWB staff, list and cost of mains to be replaced.
Drinking Water Fluoridation Component 2 (construction funds for water plant upgrades)	up to \$1,000,000 grant	NYS Division of Family Health	To be submitted for once study prepared and approved by NYS. NYS has open submissions through 2028.
2022 Lead Service Line Removal Bipartisan Infrastructure Law (BIL)	Program details not yet available, anticipate grant money Requested \$472,780	NYS EFC DWSRF	Program offers funds to replace lead service lines from main to house. NFWB staff elected to submit 8/18/22. Application and report submitted 8/31/22. Anticipate EFC award announcement late 2022. CPL inquiring with NYSDOH on program status.
Water System Pipe Condition Assessment & Real Time Analysis			NFWB staff & CPL discussed 3/7/22 desire to perform assessments within water system. NFWB previously received proposals, however they were cost prohibitive. CPL to see if any funding programs available.

NFWB Financial Award Summary

Last Updated: 2/13/23

Note: Changes from last summary are in red text



Description	Amount	Source	Status
Additional Lead Removal Funding Programs			NFWB staff met with Senator Gillibrand staff 8/22 and obtained information on several funding programs. CPL to investigate and provide response for possible opportunities.
2023 Various Watermain & System Improvements		NYS EFC DWSRF	Board and staff to contemplate 2023 funding application to EFC. Program submission deadline anticipated September 2023. Recommend resubmitting 2022 application that was not awarded. This contains Beech Avenue tank replacement.
2023 Various Sewer & System Improvements		NYS EFC CWSRF	Board and staff to contemplate 2023 funding application to EFC. Program submission deadline anticipated September 2023.

NFWB Financial Award Summary

Last Updated: 2/13/23

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Description	Amount	Source	Status
COMPLETED / NOT ACTIVE			
LaSalle Sewer Area Phase 1 system report update & flow monitoring	\$100,000 grant	NYSDEC Engineering Planning Grant EPG #93794	Total payment of \$100,000 has been received by NFWB.
Sewer Plant Consent Order Items 11 & 14	\$500,000 grant	NYS DEC & EFC R9-20170906-129	Paperwork submitted and EFC/DEC reviewed. Payment has been issued.
Bollier Avenue Watermain Improvements 2017	\$400,000 total \$240,000 grant	NYS EFC DWSRF 18435	Funding Agreement Signed. Construction completed October 2020. All EFC reimbursements received.
Water Efficiency Green Grant Innovation Program	grant up to 75% of work \$625,000 estimated project cost	NYS CFA	Grant program to pay for meter installation, replacements or upgrades. Anticipated submission deadline July 2022. Neptune involved to help confirm cost and scope. Desire to upgrade meters from AMR to AMI type. CPL sent NFWB email regarding application requirements. NFWB not moving forward per 5/25/22 email.
2022 Various Watermain & System Improvements	\$7,785,000 total \$3,000,000 grant \$4,785,000 loan	NYS EFC	NFWB staff & CPL met 3/7/22 to discuss. EFC submission deadline 9/9/22. Application submitted 9/8/22. Not awarded with 11/4/22 EFC announcements. NFWB sent EFC email 2/3/23 noting to not accept loan and will resubmit for grant in 2023.

Niagara Falls Water Board
Personnel Actions and Report
Monday, February 27, 2023

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

A. PERSONNEL ACTIONS RECOMMEND TO HIRE				
Line Item Number	Position	Department/Location	Pay Rate or Grade	ADDITIONAL INFORMATION

B. RECOMMENDED PROMOTION / MOVE / APPOINTMENT				
Line Item Number	Name and Position	Type of labor move	Change in pay rate or grade	ADDITIONAL INFORMATION
1	Haden Jurecki	From MW2 to MW3	\$.94/hour or \$1,955/annually	Supervisor recommended

C. PREVIOUSLY TABLED PERSONNEL ACTIONS (From 2023)				
Line Item Number	Action and Position	Department/Location	Pay Rate or Grade	ADDITIONAL INFORMATION

D. OTHER PERSONNEL ACTIVITY FOR BOARD NOTIFICATION				
Name	Position	Department/Location	Pay Rate	ADDITIONAL INFORMATION

E. PERSONNEL ON LONG TERM LEAVE OF ABSENCE				
Name	Last Day Worked	Dept.	Return Status	Comments
Syverson, Jean	5/18/2022	Admin WWTP	Unknown	Workers Comp.
Milne, Robert	1/3/2023	SOS - WWTP	Unknown	FMLA
Virtuoso, Vince	1/19/2023	Meter Maint WTP	Unknown	Workers Comp.



Revenue Budget Performance Report

Fiscal Year to Date 12/31/22

Exclude Rollup Account

Account	Account Description	Adopted Budget	Budget Amendments	Amended Budget	Current Month Transactions	YTD Encumbrances	YTD Transactions	Budget - YTD Transactions	% Used/ Rec'd	Prior Year YTD
Fund	FA - Water Board - Water									
	REVENUE									
	<i>Departmental Income</i>									
2122.001	Visual Inspections	50,000.00	.00	50,000.00	2,520.00	.00	52,645.00	(2,645.00)	105	60,672.50
2140.001	District 1	1,893,780.00	.00	1,893,780.00	625,737.02	.00	1,959,420.07	(65,640.07)	103	1,653,981.91
2140.002	District 2	2,338,000.00	.00	2,338,000.00	542,632.90	.00	2,262,674.37	75,325.63	97	1,970,843.81
2140.003	District 3	1,753,500.00	.00	1,753,500.00	750,213.57	.00	1,791,646.42	(38,146.42)	102	1,542,312.70
2140.004	Non-Resident	35,070.00	.00	35,070.00	5,076.02	.00	43,454.76	(8,384.76)	124	42,264.40
2140.005	Industrial	3,099,019.00	.00	3,099,019.00	814,769.99	.00	2,418,649.92	680,369.08	78	2,151,395.94
2140.006	Industrial SIU	2,630,250.00	.00	2,630,250.00	656,121.21	.00	2,923,469.99	(293,219.99)	111	2,790,449.66
2140.008	Hydrant Usage	6,000.00	.00	6,000.00	283.61	.00	1,059.21	4,940.79	18	7,325.70
2140.599	Miscellaneous Departmental Incom	5,000.00	.00	5,000.00	.00	.00	1,750.00	3,250.00	35	1,782.39
2141.000	Allowance for Unpaid Trfd	(125,000.00)	.00	(125,000.00)	(371,117.72)	.00	(320,924.31)	195,924.31	257	(197,514.67)
2144.003	Fire Service	91,000.00	.00	91,000.00	(215,064.00)	.00	89,279.00	1,721.00	98	88,899.00
2144.005	Service Charge	455,000.00	.00	455,000.00	25,043.30	.00	451,346.60	3,653.40	99	451,267.05
2144.006	Lab Analysis	39,220.00	.00	39,220.00	5,520.50	.00	31,618.50	7,601.50	81	32,103.00
2144.008	Missing Meter Charge	25,000.00	.00	25,000.00	1,390.50	.00	15,511.00	9,489.00	62	21,551.50
2144.009	Mtr Install/Reinstall/Reactivate	5,000.00	.00	5,000.00	375.00	.00	4,775.00	225.00	96	4,275.00
2144.010	Final Meter Read/Inspect	17,000.00	.00	17,000.00	1,625.00	.00	19,725.71	(2,725.71)	116	20,825.00
2144.011	Hydrant Testing	300.00	.00	300.00	.00	.00	.00	300.00	0	.00
2144.012	Backflow Certification	7,500.00	.00	7,500.00	1,310.00	.00	10,175.00	(2,675.00)	136	10,050.00
2148.001	District 1	72,478.00	.00	72,478.00	.00	.00	98,440.47	(25,962.47)	136	66,395.55
2148.002	District 2	40,915.00	.00	40,915.00	.00	.00	56,377.58	(15,462.58)	138	44,821.39
2148.003	District 3	60,204.00	.00	60,204.00	.00	.00	76,077.23	(15,873.23)	126	62,609.87
2148.004	Non-Resident	2,338.00	.00	2,338.00	.00	.00	434.84	1,903.16	19	562.92
2148.005	Industrial	15,197.00	.00	15,197.00	.00	.00	15,524.93	(327.93)	102	13,999.32
2148.006	Industrial SIU	7,014.00	.00	7,014.00	.00	.00	.00	7,014.00	0	8,369.30
2148.599	Penalty - Miscellaneous	4,096.00	.00	4,096.00	.03	.00	1,419.21	2,676.79	35	3,450.83
	<i>Departmental Income Totals</i>	\$12,527,881.00	\$0.00	\$12,527,881.00	\$2,846,436.93	\$0.00	\$12,004,550.50	\$523,330.50	96%	\$10,852,694.07
	<i>Intergovernmental Charges</i>									
2230.A	City of Niag Falls-Generl	230,102.00	.00	230,102.00	215,064.00	.00	215,064.00	15,038.00	93	215,064.00
	<i>Intergovernmental Charges Totals</i>	\$230,102.00	\$0.00	\$230,102.00	\$215,064.00	\$0.00	\$215,064.00	\$15,038.00	93%	\$215,064.00
	<i>Use Of Money & Property</i>									
2401.000	Interest Earnings	25,000.00	.00	25,000.00	12,854.15	.00	(54,063.26)	79,063.26	-216	12,687.69
	<i>Use Of Money & Property Totals</i>	\$25,000.00	\$0.00	\$25,000.00	\$12,854.15	\$0.00	(\$54,063.26)	\$79,063.26	-216%	\$12,687.69
	<i>Licenses And Permits</i>									
2550.006	Cellular Towers	230,000.00	.00	230,000.00	18,412.09	.00	229,108.65	891.35	100	224,495.63
2590.004	Hydrant Permits & Rentals	12,000.00	.00	12,000.00	1,341.00	.00	5,142.53	6,857.47	43	11,722.85
	<i>Licenses And Permits Totals</i>	\$242,000.00	\$0.00	\$242,000.00	\$19,753.09	\$0.00	\$234,251.18	\$7,748.82	97%	\$236,218.48
	<i>Sale Of Prop/Cmp For Loss</i>									
2650.000	Sale Of Scrap	10,000.00	.00	10,000.00	2,583.99	.00	14,050.38	(4,050.38)	141	8,962.34



Revenue Budget Performance Report

Fiscal Year to Date 12/31/22

Exclude Rollup Account

Account	Account Description	Adopted Budget	Budget Amendments	Amended Budget	Current Month Transactions	YTD Encumbrances	YTD Transactions	Budget - YTD Transactions	% Used/ Rec'd	Prior Year YTD
Fund	FA - Water Board - Water									
	REVENUE									
	<i>Sale Of Prop/Cmp For Loss</i>									
2665.000	Sale-Equipment	2,723.00	.00	2,723.00	.00	.00	.00	2,723.00	0	.00
2690.001	Damages to WB Property	.00	.00	.00	.00	.00	.00	.00	+++	3,651.12
	<i>Sale Of Prop/Cmp For Loss Totals</i>	\$12,723.00	\$0.00	\$12,723.00	\$2,583.99	\$0.00	\$14,050.38	(\$1,327.38)	110%	\$12,613.46
	<i>Misc Local Sources</i>									
2701.000	Refund Appro Exp Prior Yr	.00	.00	.00	.00	.00	1,124.55	(1,124.55)	+++	(674.70)
2770.001	NSF Check Charge	8,000.00	.00	8,000.00	.00	.00	7,000.00	1,000.00	88	7,630.00
2770.599	Undesignated	5,000.00	.00	5,000.00	2,124.83	.00	8,983.93	(3,983.93)	180	8,967.16
	<i>Misc Local Sources Totals</i>	\$13,000.00	\$0.00	\$13,000.00	\$2,124.83	\$0.00	\$17,108.48	(\$4,108.48)	132%	\$15,922.46
	<i>Interfund Revenues</i>									
2801.GA	Interfd Rev WtrBd-Sewr	.00	.00	.00	139,881.00	.00	570,856.26	(570,856.26)	+++	646,517.76
	<i>Interfund Revenues Totals</i>	\$0.00	\$0.00	\$0.00	\$139,881.00	\$0.00	\$570,856.26	(\$570,856.26)	+++	\$646,517.76
	REVENUE TOTALS	\$13,050,706.00	\$0.00	\$13,050,706.00	\$3,238,697.99	\$0.00	\$13,001,817.54	\$48,888.46	100%	\$11,991,717.92
Fund	FA - Water Board - Water Totals	\$13,050,706.00	\$0.00	\$13,050,706.00	\$3,238,697.99	\$0.00	\$13,001,817.54	\$48,888.46		\$11,991,717.92



Revenue Budget Performance Report

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Exclude Rollup Account

Account	Account Description	Adopted Budget	Budget Amendments	Amended Budget	Current Month Transactions	YTD Encumbrances	YTD Transactions	Budget - YTD Transactions	% Used/ Rec'd	Prior Year YTD
Fund	FGA - Water Authority									
	REVENUE									
	<i>Misc Local Sources</i>									
2710.000	Bond Premium	.00	.00	.00	190,749.58	.00	190,749.58	(190,749.58)	+++	190,749.58
2770.599	Undesignated	.00	.00	.00	.00	.00	(1,593,255.15)	1,593,255.15	+++	.00
	<i>Misc Local Sources Totals</i>	\$0.00	\$0.00	\$0.00	\$190,749.58	\$0.00	(\$1,402,505.57)	\$1,402,505.57	+++	\$190,749.58
	REVENUE TOTALS	\$0.00	\$0.00	\$0.00	\$190,749.58	\$0.00	(\$1,402,505.57)	\$1,402,505.57	+++	\$190,749.58
Fund	FGA - Water Authority Totals	\$0.00	\$0.00	\$0.00	\$190,749.58	\$0.00	(\$1,402,505.57)	\$1,402,505.57		\$190,749.58



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Exclude Rollup Account

Account	Account Description	Adopted Budget	Budget Amendments	Amended Budget	Current Month Transactions	YTD Encumbrances	YTD Transactions	Budget - YTD Transactions	% Used/ Rec'd	Prior Year YTD
Fund	GA - Water Board - Sewer									
	REVENUE									
	<i>Departmental Income</i>									
2120.001	District 1	2,509,153.00	.00	2,509,153.00	831,541.79	.00	2,608,192.15	(99,039.15)	104	2,193,847.18
2120.002	District 2	3,056,935.00	.00	3,056,935.00	719,978.52	.00	3,006,245.08	50,689.92	98	2,617,248.76
2120.003	District 3	2,279,550.00	.00	2,279,550.00	1,005,447.15	.00	2,392,318.50	(112,768.50)	105	2,065,065.94
2120.005	Industrial CSIRU	4,664,310.00	.00	4,664,310.00	1,291,868.84	.00	3,682,247.18	982,062.82	79	3,080,373.86
2120.006	Industrial SIU	9,585,800.00	.00	9,585,800.00	3,977,235.37	.00	11,709,705.27	(2,123,905.27)	122	12,735,280.76
2120.007	Waste Hauler Fees	3,000.00	.00	3,000.00	.00	.00	.00	3,000.00	0	.00
2120.008	Hydrant Usage	10,000.00	.00	10,000.00	375.42	.00	1,401.51	8,598.49	14	10,212.92
2120.102	Town Of Niagara	631,276.00	.00	631,276.00	.00	.00	613,051.81	18,224.19	97	608,626.54
2122.001	Visual Inspections	.00	.00	.00	60.00	.00	(120.00)	120.00	+++	(180.00)
2122.002	Dye Tests	50,000.00	.00	50,000.00	2,460.00	.00	52,765.00	(2,765.00)	106	60,852.50
2128.001	District 1	90,013.00	.00	90,013.00	.00	.00	129,809.45	(39,796.45)	144	87,117.73
2128.002	District 2	64,295.00	.00	64,295.00	.00	.00	69,340.59	(5,045.59)	108	59,257.01
2128.003	District 3	79,843.00	.00	79,843.00	.00	.00	101,755.86	(21,912.86)	127	82,290.30
2128.005	Industrial	17,535.00	.00	17,535.00	.00	.00	24,719.87	(7,184.87)	141	17,257.82
2128.006	Industrial SIU	18,704.00	.00	18,704.00	.00	.00	14,787.40	3,916.60	79	191,392.01
2141.000	Allowance for Unpaid Trfd	(125,000.00)	.00	(125,000.00)	(465,750.84)	.00	(398,839.32)	273,839.32	319	(254,569.73)
	<i>Departmental Income Totals</i>	\$22,935,414.00	\$0.00	\$22,935,414.00	\$7,363,216.25	\$0.00	\$24,007,380.35	(\$1,071,966.35)	105%	\$23,554,073.60
	<i>Use Of Money & Property</i>									
2401.000	Interest Earnings	25,000.00	.00	25,000.00	15,445.95	.00	(51,471.47)	76,471.47	-206	11,006.24
	<i>Use Of Money & Property Totals</i>	\$25,000.00	\$0.00	\$25,000.00	\$15,445.95	\$0.00	(\$51,471.47)	\$76,471.47	-206%	\$11,006.24
	<i>Licenses And Permits</i>									
2590.006	SIU 5-Yr Permits	5,000.00	.00	5,000.00	.00	.00	1,500.00	3,500.00	30	1,500.00
	<i>Licenses And Permits Totals</i>	\$5,000.00	\$0.00	\$5,000.00	\$0.00	\$0.00	\$1,500.00	\$3,500.00	30%	\$1,500.00
	<i>Fines And Forfeits</i>									
2620.000	Forfeitures Of Deposits	800.00	.00	800.00	.00	.00	.00	800.00	0	.00
	<i>Fines And Forfeits Totals</i>	\$800.00	\$0.00	\$800.00	\$0.00	\$0.00	\$0.00	\$800.00	0%	\$0.00
	<i>Sale Of Prop/Cmp For Loss</i>									
2650.000	Sale Of Scrap	5,000.00	.00	5,000.00	8,552.00	.00	17,281.02	(12,281.02)	346	.00
2665.000	Sale-Equipment	.00	.00	.00	.00	.00	.00	.00	+++	70,130.00
2690.001	Damages to WB Property	84,525.00	.00	84,525.00	.00	.00	.00	84,525.00	0	.00
	<i>Sale Of Prop/Cmp For Loss Totals</i>	\$89,525.00	\$0.00	\$89,525.00	\$8,552.00	\$0.00	\$17,281.02	\$72,243.98	19%	\$70,130.00
	<i>Misc Local Sources</i>									
2701.000	Refund Appro Exp Prior Yr	.00	.00	.00	.00	.00	(2,517.27)	2,517.27	+++	(39,455.88)
2770.599	Undesignated	25,000.00	.00	25,000.00	.00	.00	17,398.28	7,601.72	70	35,288.90
	<i>Misc Local Sources Totals</i>	\$25,000.00	\$0.00	\$25,000.00	\$0.00	\$0.00	\$14,881.01	\$10,118.99	60%	(\$4,166.98)
	<i>Interfund Revenues</i>									
2801.F	Interfd Rev Fr Water	.00	.00	.00	127,823.50	.00	569,040.12	(569,040.12)	+++	672,438.64



Revenue Budget Performance Report

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Exclude Rollup Account

Account	Account Description	Adopted Budget	Budget Amendments	Amended Budget	Current Month Transactions	YTD Encumbrances	YTD Transactions	Budget - YTD Transactions	% Used/ Rec'd	Prior Year YTD
Fund	GA - Water Board - Sewer									
	REVENUE									
	<i>Interfund Revenues Totals</i>	\$0.00	\$0.00	\$0.00	\$127,823.50	\$0.00	\$569,040.12	(\$569,040.12)	+++	\$672,438.64
	REVENUE TOTALS	\$23,080,739.00	\$0.00	\$23,080,739.00	\$7,515,037.70	\$0.00	\$24,558,611.03	(\$1,477,872.03)	106%	\$24,304,981.50
Fund	GA - Water Board - Sewer Totals	\$23,080,739.00	\$0.00	\$23,080,739.00	\$7,515,037.70	\$0.00	\$24,558,611.03	(\$1,477,872.03)		\$24,304,981.50



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Exclude Rollup Account

Account	Account Description	Adopted Budget	Budget Amendments	Amended Budget	Current Month Transactions	YTD Encumbrances	YTD Transactions	Budget - YTD Transactions	% Used/ Rec'd	Prior Year YTD
Fund	VFG - Plant Fund									
	REVENUE									
	<i>Use Of Money & Property</i>									
2401.000	Interest Earnings	700,000.00	.00	700,000.00	18,287.20	.00	439,620.96	260,379.04	63	421,550.95
	<i>Use Of Money & Property Totals</i>	\$700,000.00	\$0.00	\$700,000.00	\$18,287.20	\$0.00	\$439,620.96	\$260,379.04	63%	\$421,550.95
	<i>Sale Of Prop/Cmp For Loss</i>									
2675.000	Gain on Disposal of Assets	.00	.00	.00	.00	.00	.00	.00	+++	40,000.00
	<i>Sale Of Prop/Cmp For Loss Totals</i>	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	+++	\$40,000.00
	<i>Misc Local Sources</i>									
2770.000	Other Unclassif'd Revenue	.00	.00	.00	.00	.00	.00	.00	+++	1,146.16
	<i>Misc Local Sources Totals</i>	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	+++	\$1,146.16
	<i>Proceeds Of Obligations</i>									
4990.000	Grant Revenue	.00	.00	.00	2,521,665.75	.00	4,600,664.27	(4,600,664.27)	+++	3,560,973.49
	<i>Proceeds Of Obligations Totals</i>	\$0.00	\$0.00	\$0.00	\$2,521,665.75	\$0.00	\$4,600,664.27	(\$4,600,664.27)	+++	\$3,560,973.49
	REVENUE TOTALS	\$700,000.00	\$0.00	\$700,000.00	\$2,539,952.95	\$0.00	\$5,040,285.23	(\$4,340,285.23)	720%	\$4,023,670.60
Fund	VFG - Plant Fund Totals	\$700,000.00	\$0.00	\$700,000.00	\$2,539,952.95	\$0.00	\$5,040,285.23	(\$4,340,285.23)		\$4,023,670.60
	Grand Totals	\$36,831,445.00	\$0.00	\$36,831,445.00	\$13,484,438.22	\$0.00	\$41,198,208.23	(\$4,366,763.23)		\$40,511,119.60



Expense Budget Performance Report

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Fund	GA - Water Board - Sewer									
	EXPENSE									
	<i>Personnel - Position Control</i>									
0110.000	Biweekly Payroll	3,009,321.00	.00	3,009,321.00	222,645.60	.00	2,408,121.52	601,199.48	80	2,557,998.88
0153.000	Stipend	6,000.00	.00	6,000.00	.00	.00	57.69	5,942.31	1	4,096.16
	<i>Personnel - Position Control Totals</i>	\$3,015,321.00	\$0.00	\$3,015,321.00	\$222,645.60	\$0.00	\$2,408,179.21	\$607,141.79	80%	\$2,562,095.04
	<i>Personnel Services</i>									
0111.000	Biwkly Comp Differential	.00	.00	.00	.00	.00	911.12	(911.12)	+++	6,923.69
0121.000	Weekly Comp Differential	.00	.00	.00	17.37	.00	147.85	(147.85)	+++	.00
0125.000	Insurance OPT Out	104,598.00	.00	104,598.00	5,615.91	.00	92,649.17	11,948.83	89	103,501.30
0130.000	Temporary Payroll	151,000.00	.00	151,000.00	44,138.73	.00	412,852.28	(261,852.28)	273	178,627.88
0140.000	Overtime	185,500.00	.00	185,500.00	18,836.53	.00	301,638.84	(116,138.84)	163	165,701.12
0150.000	Acting Next-In-Rank Pay	12,480.00	.00	12,480.00	.00	.00	238.78	12,241.22	2	18,330.52
0151.A	Sunday Contractual Pay	36,000.00	.00	36,000.00	.00	.00	15,787.43	20,212.57	44	48,337.59
0151.000	Sunday Premium Pay	.00	.00	.00	4,491.08	.00	34,393.09	(34,393.09)	+++	.00
0152.000	Shift Premium Pay	.00	.00	.00	.00	.00	8,553.09	(8,553.09)	+++	8,348.31
0155.A	Holiday Contractual Pay	18,500.00	.00	18,500.00	4,066.66	.00	28,649.93	(10,149.93)	155	28,423.77
0155.000	Holiday Pay	.00	.00	.00	10,052.25	.00	74,831.57	(74,831.57)	+++	78,165.85
0165.000	Military Leave	.00	.00	.00	969.20	.00	14,801.97	(14,801.97)	+++	11,959.52
0170.000	Overtime Meals	6,225.00	.00	6,225.00	466.25	.00	7,597.50	(1,372.50)	122	4,635.45
0180.000	Comp. Time Earned	.00	.00	.00	2,546.71	.00	12,964.26	(12,964.26)	+++	.00
0181.000	Vacation Pay	.00	.00	.00	5,194.17	.00	71,195.50	(71,195.50)	+++	180,384.51
0182.000	Personal Time	.00	.00	.00	1,256.54	.00	3,118.83	(3,118.83)	+++	5,350.37
0183.000	Compensatory Time Off	.00	.00	.00	7,435.60	.00	76,552.21	(76,552.21)	+++	13,996.00
0184.000	Funeral Leave	.00	.00	.00	1,700.47	.00	4,708.89	(4,708.89)	+++	8,010.58
0185.000	Jury Duty	.00	.00	.00	539.52	.00	2,606.96	(2,606.96)	+++	3,891.12
0186.000	Call-In Time	16,125.00	.00	16,125.00	1,877.65	.00	26,143.38	(10,018.38)	162	20,256.16
0189.000	Sick Leave	.00	.00	.00	7,649.69	.00	69,257.86	(69,257.86)	+++	73,233.57
0197.000	Compensated Absences	.00	.00	.00	(53,861.41)	.00	(53,861.41)	53,861.41	+++	3,097.79
	<i>Personnel Services Totals</i>	\$530,428.00	\$0.00	\$530,428.00	\$62,992.92	\$0.00	\$1,205,739.10	(\$675,311.10)	227%	\$961,175.10
	<i>Capital Outlays</i>									
0210.000	Furniture & Furnishings	.00	.00	.00	.00	.00	.00	.00	+++	998.00
0220.000	Office Equipment	500.00	.00	500.00	.00	.00	.00	500.00	0	.00
0250.000	Other Equipment	.00	.00	.00	.00	.00	.00	.00	+++	6,213.76
0250.500	Safety Equipment	15,000.00	.00	15,000.00	.00	.00	4,045.78	10,954.22	27	11,362.00
	<i>Capital Outlays Totals</i>	\$15,500.00	\$0.00	\$15,500.00	\$0.00	\$0.00	\$4,045.78	\$11,454.22	26%	\$18,573.76
	<i>Contractual Expenses</i>									
0411.000	Office Supplies	2,950.00	.00	2,950.00	291.80	.00	3,498.05	(548.05)	119	2,496.76
0412.000	Uniforms	1,740.00	.00	1,740.00	120.00	.00	2,121.00	(381.00)	122	2,073.20
0413.000	Safety Shoes	11,000.00	.00	11,000.00	2,981.86	.00	9,252.61	1,747.39	84	8,064.72
0414.000	Automotive-Gas,Oil,Grease	33,000.00	.00	33,000.00	15,269.26	.00	59,433.15	(26,433.15)	180	37,596.04



Expense Budget Performance Report

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Fund	GA - Water Board - Sewer									
	EXPENSE									
	<i>Contractual Expenses</i>									
0416.000	Consumable Printed Forms	700.00	.00	700.00	.00	.00	565.04	134.96	81	624.92
0417.000	Tool Allowance	300.00	.00	300.00	.00	.00	300.00	.00	100	297.32
0419.001	Automotive Parts	30,000.00	.00	30,000.00	727.40	.00	24,138.06	5,861.94	80	29,086.96
0419.003	Cleaning/Sanitary	10,000.00	.00	10,000.00	.00	.00	7,095.37	2,904.63	71	5,991.88
0419.004	Agricultural/Botanical	40,000.00	.00	40,000.00	38,738.00	.00	38,738.00	1,262.00	97	38,970.40
0419.005	Tools & Machine Parts	207,000.00	(5,000.00)	202,000.00	10,127.16	.00	151,129.16	50,870.84	75	177,384.81
0419.006	Construction/Repair	135,000.00	210,000.00	345,000.00	46,218.66	.00	271,456.19	73,543.81	79	128,466.80
0419.008	Signals/Communication	5,000.00	.00	5,000.00	.00	.00	1,494.55	3,505.45	30	3,250.00
0419.009	Misc Chemicals	21,500.00	.00	21,500.00	1,070.38	.00	17,866.67	3,633.33	83	16,234.71
0419.010	Laboratory	26,000.00	.00	26,000.00	2,680.16	.00	24,248.16	1,751.84	93	25,091.82
0419.012	Carbon	.00	15,000.00	15,000.00	.00	.00	14,835.00	165.00	99	166,890.75
0419.014	Ferric Chloride	445,000.00	.00	445,000.00	48,238.50	.00	482,787.38	(37,787.38)	108	381,113.07
0419.016	Primary Polymer	80,000.00	.00	80,000.00	19,008.00	.00	95,040.00	(15,040.00)	119	55,704.00
0419.017	Sludge Polymer	100,000.00	.00	100,000.00	.00	.00	58,800.08	41,199.92	59	74,880.00
0419.018	Pebble Lime	150,000.00	.00	150,000.00	8,755.82	.00	131,024.70	18,975.30	87	141,534.59
0419.024	Hypochlorite Solution	7,500,000.00	(383,162.00)	7,116,838.00	522,415.19	.00	4,416,549.80	2,700,288.20	62	3,415,592.36
0419.599	Undesignated Supplies	49,350.00	75,500.00	124,850.00	12,260.13	462.71	82,697.50	41,689.79	67	40,758.85
0421.001	Phone Extension Chgs	29,500.00	.00	29,500.00	6,124.39	.00	44,112.88	(14,612.88)	150	44,844.86
0421.002	Wireless Services	10,000.00	.00	10,000.00	1,854.57	.00	10,626.99	(626.99)	106	8,736.48
0422.000	Light & Power	628,000.00	.00	628,000.00	165,578.55	.00	727,165.05	(99,165.05)	116	665,406.41
0423.000	Water/Sewer	486,000.00	.00	486,000.00	127,823.50	.00	569,040.12	(83,040.12)	117	672,438.64
0424.000	Gas	25,000.00	.00	25,000.00	2,128.22	.00	18,450.87	6,549.13	74	20,027.43
0432.000	Property Insurance	180,000.00	.00	180,000.00	248,912.82	.00	248,912.82	(68,912.82)	138	227,199.01
0433.000	Liability Insurance	135,000.00	.00	135,000.00	(124,623.27)	.00	78,740.45	56,259.55	58	72,025.30
0440.003	Motor Vehicle Equipment	80,000.00	.00	80,000.00	5,018.67	.00	57,137.85	22,862.15	71	79,732.70
0440.599	Undesignated Leases	1,050.00	.00	1,050.00	165.27	.00	811.94	238.06	77	1,084.80
0441.000	Rental Of Real Property	75.00	.00	75.00	.00	.00	41.00	34.00	55	41.00
0442.000	Rental Of Equipment	15,500.00	.00	15,500.00	20,131.15	.00	27,205.51	(11,705.51)	176	4,906.14
0442.003	Motor Vehicle Equip Rentl	.00	6,000.00	6,000.00	917.00	.00	5,586.78	413.22	93	10,001.90
0442.599	Undesignated Rentals	3,800.00	.00	3,800.00	144.23	.00	2,199.44	1,600.56	58	2,312.17
0443.000	Repair Of Real Property	35,000.00	5,000.00	40,000.00	885.00	.00	29,811.74	10,188.26	75	28,514.10
0444.000	Repair Of Equipment	150,000.00	10,000.00	160,000.00	29,401.17	.00	146,545.91	13,454.09	92	93,678.30
0446.000	Computer Services	3,500.00	.00	3,500.00	360.28	.00	4,260.33	(760.33)	122	4,199.74
0446.008	Software Maint/Licenses	.00	55,162.00	55,162.00	.00	.00	52,819.65	2,342.35	96	.00
0449.000	Billing & Collection	45,000.00	.00	45,000.00	3,771.28	.00	45,305.98	(305.98)	101	41,156.61
0449.002	Sludge Disposal	2,500,000.00	.00	2,500,000.00	222,287.04	.00	1,610,064.84	889,935.16	64	2,043,062.86
0449.004	Special Security	.00	.00	.00	.00	.00	325.00	(325.00)	+++	.00
0449.008	Hazardous Waste Displ.	200.00	.00	200.00	.00	.00	.00	200.00	0	.00



Expense Budget Performance Report

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Exclude Rollup Account

Account	Account Description	Adopted Budget	Budget Amendments	Amended Budget	Current Month Transactions	YTD Encumbrances	YTD Transactions	Budget - YTD Transactions	% Used/ Rec'd	Prior Year YTD
Fund	GA - Water Board - Sewer									
	EXPENSE									
	<i>Contractual Expenses</i>									
0449.500	Safety-Contractual	3,200.00	.00	3,200.00	2,421.90	.00	5,567.54	(2,367.54)	174	1,903.73
0449.599	Undesignated Services	186,843.00	4,000.00	190,843.00	(129,100.51)	.00	198,957.42	(8,114.42)	104	192,760.87
0451.000	Consultants	73,762.00	.00	73,762.00	21,374.59	.00	145,357.81	(71,595.81)	197	131,874.83
0454.000	Attorney Services	55,000.00	.00	55,000.00	876.25	.00	19,473.55	35,526.45	35	50,570.50
0461.000	Postage	30,000.00	.00	30,000.00	1,641.55	.00	29,594.39	405.61	99	42,179.94
0463.000	Travel & Training Expense	21,100.00	7,500.00	28,600.00	50.00	.00	22,871.34	5,728.66	80	7,164.19
0463.500	Safety Training	1,000.00	.00	1,000.00	.00	.00	.00	1,000.00	0	.00
0465.000	Laundry & Cleaning	7,500.00	.00	7,500.00	691.50	.00	8,305.21	(805.21)	111	1,247.02
0466.000	Books,Mags. & Memberships	500.00	.00	500.00	.00	.00	1,890.00	(1,390.00)	378	2,010.00
0467.000	Advertising	500.00	.00	500.00	133.82	.00	460.59	39.41	92	486.32
0471.000	Recruitment Expenditures	400.00	.00	400.00	.00	.00	689.11	(289.11)	172	476.50
	<i>Contractual Expenses Totals</i>	\$13,555,970.00	\$0.00	\$13,555,970.00	\$1,337,871.29	\$462.71	\$10,005,402.58	\$3,550,104.71	74%	\$9,202,146.31
	<i>Employee Benefits</i>									
0801.000	NYS E.R.S. Retirement	412,820.00	.00	412,820.00	267,224.00	.00	388,166.00	24,654.00	94	469,581.83
0803.000	Building Trades Benefits	.00	.00	.00	201,027.23	.00	201,027.23	(201,027.23)	+++	.00
0820.000	Worker's Compensation	240,000.00	.00	240,000.00	192,729.44	.00	201,516.52	38,483.48	84	193,133.23
0830.000	Life Insurance	12,837.00	.00	12,837.00	1,131.43	.00	13,626.95	(789.95)	106	13,399.43
0840.000	Unemployment Ins. NYS	17,253.00	.00	17,253.00	.00	.00	.00	17,253.00	0	.00
0860.000	Medical Insurance	2,245,937.00	.00	2,245,937.00	178,663.27	.00	2,207,694.45	38,242.55	98	2,190,171.67
0861.000	Dental Insurance	64,800.00	.00	64,800.00	77,652.43	.00	77,652.43	(12,852.43)	120	79,574.21
0863.000	Vision Care Insurance	5,713.00	.00	5,713.00	473.18	.00	5,583.79	129.21	98	5,706.45
0865.000	Chiropractic Insurance	930.00	.00	930.00	.00	.00	360.00	570.00	39	630.00
0890.000	Post-Employment Benefits(OPEB)	.00	.00	.00	.00	.00	.00	.00	+++	871,088.28
	<i>Employee Benefits Totals</i>	\$3,000,290.00	\$0.00	\$3,000,290.00	\$918,900.98	\$0.00	\$3,095,627.37	(\$95,337.37)	103%	\$3,823,285.10
	<i>Employee Benefit - FICA</i>									
0810.000	Social Security	270,792.00	.00	270,792.00	25,558.14	.00	274,623.45	(3,831.45)	101	262,662.55
	<i>Employee Benefit - FICA Totals</i>	\$270,792.00	\$0.00	\$270,792.00	\$25,558.14	\$0.00	\$274,623.45	(\$3,831.45)	101%	\$262,662.55
	EXPENSE TOTALS	\$20,388,301.00	\$0.00	\$20,388,301.00	\$2,567,968.93	\$462.71	\$16,993,617.49	\$3,394,220.80	83%	\$16,829,937.86
Fund	GA - Water Board - Sewer Totals	\$20,388,301.00	\$0.00	\$20,388,301.00	\$2,567,968.93	\$462.71	\$16,993,617.49	\$3,394,220.80		\$16,829,937.86
	Grand Totals	\$20,388,301.00	\$0.00	\$20,388,301.00	\$2,567,968.93	\$462.71	\$16,993,617.49	\$3,394,220.80		\$16,829,937.86



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Account	Account Description	Adopted Budget	Budget Amendments	Amended Budget	Current Month Transactions	YTD Encumbrances	YTD Transactions	Budget - YTD Transactions	% Used/ Rec'd	Prior Year YTD
Fund	FA - Water Board - Water									
	EXPENSE									
	<i>Personnel - Position Control</i>									
0110.000	Biweekly Payroll	2,437,924.00	.00	2,437,924.00	242,168.49	.00	2,232,732.31	205,191.69	92	2,057,686.11
0153.000	Stipend	10,925.00	.00	10,925.00	576.78	.00	7,306.15	3,618.85	67	10,117.72
	<i>Personnel - Position Control Totals</i>	\$2,448,849.00	\$0.00	\$2,448,849.00	\$242,745.27	\$0.00	\$2,240,038.46	\$208,810.54	91%	\$2,067,803.83
	<i>Personnel Services</i>									
0111.000	Biwkly Comp Differential	.00	.00	.00	.00	.00	1,782.63	(1,782.63)	+++	715.35
0121.000	Weekly Comp Differential	.00	.00	.00	17.41	.00	170.63	(170.63)	+++	.00
0125.000	Insurance OPT Out	54,884.00	.00	54,884.00	6,488.30	.00	72,096.45	(17,212.45)	131	54,878.31
0130.000	Temporary Payroll	20,500.00	.00	20,500.00	10,062.51	.00	106,167.79	(85,667.79)	518	15,999.32
0140.000	Overtime	90,150.00	.00	90,150.00	8,448.83	.00	91,196.55	(1,046.55)	101	71,987.13
0150.000	Acting Next-In-Rank Pay	.00	.00	.00	.00	.00	4,834.11	(4,834.11)	+++	3,466.84
0151.A	Sunday Contractual Pay	15,500.00	.00	15,500.00	.00	.00	5,443.90	10,056.10	35	16,152.26
0151.000	Sunday Premium Pay	.00	.00	.00	1,632.38	.00	11,207.54	(11,207.54)	+++	.00
0152.000	Shift Premium Pay	.00	.00	.00	.00	.00	3,360.11	(3,360.11)	+++	3,825.88
0155.A	Holiday Contractual Pay	8,000.00	.00	8,000.00	966.42	.00	7,130.24	869.76	89	7,390.75
0155.000	Holiday Pay	.00	.00	.00	11,046.24	.00	84,729.05	(84,729.05)	+++	79,882.55
0170.000	Overtime Meals	2,415.00	.00	2,415.00	193.25	.00	2,231.00	184.00	92	1,849.05
0180.000	Comp. Time Earned	.00	.00	.00	750.27	.00	7,093.21	(7,093.21)	+++	.00
0181.000	Vacation Pay	.00	.00	.00	6,084.28	.00	128,909.53	(128,909.53)	+++	200,652.57
0182.000	Personal Time	.00	.00	.00	2,176.74	.00	8,154.74	(8,154.74)	+++	14,048.25
0183.000	Compensatory Time Off	.00	.00	.00	14,320.71	.00	80,650.39	(80,650.39)	+++	3,186.49
0184.000	Funeral Leave	.00	.00	.00	1,197.14	.00	5,242.69	(5,242.69)	+++	5,827.50
0185.000	Jury Duty	.00	.00	.00	.00	.00	377.46	(377.46)	+++	.00
0186.000	Call-In Time	8,275.00	.00	8,275.00	1,154.18	.00	8,419.63	(144.63)	102	6,540.90
0189.000	Sick Leave	.00	.00	.00	5,466.55	.00	93,903.74	(93,903.74)	+++	84,628.68
0190.000	Vacation Cash Conversion	12,337.00	.00	12,337.00	.00	.00	9,288.84	3,048.16	75	2,431.92
0197.000	Compensated Absences	.00	.00	.00	12,948.46	.00	12,948.46	(12,948.46)	+++	(41,938.45)
	<i>Personnel Services Totals</i>	\$212,061.00	\$0.00	\$212,061.00	\$82,953.67	\$0.00	\$745,338.69	(\$533,277.69)	351%	\$531,525.30
	<i>Capital Outlays</i>									
0210.000	Furniture & Furnishings	4,500.00	.00	4,500.00	.00	.00	.00	4,500.00	0	5,306.52
0220.000	Office Equipment	.00	.00	.00	.00	.00	.00	.00	+++	86.40
0230.000	Motor Vehicle Equipment	5,000.00	.00	5,000.00	.00	.00	375.75	4,624.25	8	1,999.00
0250.000	Other Equipment	20,000.00	10,000.00	30,000.00	3,313.92	.00	18,600.17	11,399.83	62	23,919.16
0250.007	Computer Equipment	25,000.00	.00	25,000.00	4,245.10	.00	27,176.55	(2,176.55)	109	3,269.43
0250.500	Safety Equipment	3,000.00	.00	3,000.00	.00	.00	.00	3,000.00	0	2,664.97
	<i>Capital Outlays Totals</i>	\$57,500.00	\$10,000.00	\$67,500.00	\$7,559.02	\$0.00	\$46,152.47	\$21,347.53	68%	\$37,245.48
	<i>Contractual Expenses</i>									
0411.000	Office Supplies	10,200.00	.00	10,200.00	1,539.43	.00	8,470.53	1,729.47	83	8,829.56
0412.000	Uniforms	2,550.00	.00	2,550.00	.00	.00	1,067.00	1,483.00	42	1,183.00



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Fund	FA - Water Board - Water									
	EXPENSE									
	<i>Contractual Expenses</i>									
0413.000	Safety Shoes	7,800.00	.00	7,800.00	2,901.90	.00	6,428.67	1,371.33	82	6,097.46
0414.000	Automotive-Gas,Oil,Grease	45,000.00	.00	45,000.00	15,034.07	.00	75,345.13	(30,345.13)	167	48,020.70
0415.000	Fuel Oil	30,000.00	.00	30,000.00	.00	.00	.00	30,000.00	0	8,083.56
0416.000	Consumable Printed Forms	1,000.00	.00	1,000.00	.00	.00	565.04	434.96	57	729.98
0417.000	Tool Allowance	150.00	.00	150.00	.00	.00	150.00	.00	100	149.22
0419.001	Automotive Parts	20,000.00	.00	20,000.00	1,103.35	.00	20,926.15	(926.15)	105	18,207.85
0419.003	Cleaning/Sanitary	5,000.00	.00	5,000.00	.00	.00	3,369.18	1,630.82	67	1,902.40
0419.005	Tools & Machine Parts	87,500.00	10,000.00	97,500.00	6,358.37	.00	85,612.54	11,887.46	88	61,316.20
0419.006	Construction/Repair	174,000.00	.00	174,000.00	12,976.99	.00	172,079.45	1,920.55	99	159,594.56
0419.009	Misc Chemicals	491,000.00	.00	491,000.00	73,548.69	.00	473,039.72	17,960.28	96	368,759.53
0419.010	Laboratory	31,000.00	5,000.00	36,000.00	222.48	.00	27,623.77	8,376.23	77	20,855.73
0419.599	Undesignated Supplies	9,150.00	.00	9,150.00	358.00	.00	5,178.31	3,971.69	57	5,002.01
0421.001	Phone Extension Chgs	25,000.00	.00	25,000.00	3,715.86	.00	22,255.87	2,744.13	89	22,424.06
0421.002	Wireless Services	14,000.00	.00	14,000.00	2,587.07	.00	15,012.39	(1,012.39)	107	13,243.71
0422.000	Light & Power	550,000.00	.00	550,000.00	135,377.15	.00	595,201.82	(45,201.82)	108	599,740.23
0423.000	Water/Sewer	698,000.00	.00	698,000.00	139,881.00	.00	570,856.26	127,143.74	82	646,517.76
0424.000	Gas	18,000.00	.00	18,000.00	9,501.09	.00	25,795.71	(7,795.71)	143	15,044.59
0432.000	Property Insurance	120,000.00	.00	120,000.00	179,872.14	.00	179,872.14	(59,872.14)	150	161,570.34
0433.000	Liability Insurance	90,000.00	.00	90,000.00	(97,012.44)	.00	52,493.63	37,506.37	58	48,856.20
0440.003	Motor Vehicle Equipment	84,000.00	.00	84,000.00	5,018.67	.00	57,137.89	26,862.11	68	78,734.63
0440.599	Undesignated Leases	1,250.00	.00	1,250.00	216.60	.00	1,286.98	(36.98)	103	1,254.28
0441.000	Rental Of Real Property	.00	.00	.00	.00	.00	24.00	(24.00)	+++	24.00
0442.000	Rental Of Equipment	4,000.00	.00	4,000.00	.00	.00	3,323.55	676.45	83	3,945.11
0442.003	Motor Vehicle Equip Rentl	5,000.00	.00	5,000.00	917.00	.00	5,586.78	(586.78)	112	10,001.88
0442.599	Undesignated Rentals	4,000.00	.00	4,000.00	133.45	.00	3,430.01	569.99	86	1,916.03
0444.000	Repair Of Equipment	23,700.00	.00	23,700.00	10,071.84	.00	19,461.73	4,238.27	82	14,192.58
0446.000	Computer Services	4,000.00	.00	4,000.00	360.29	.00	4,260.31	(260.31)	107	4,199.66
0446.008	Software Maint/Licenses	335,000.00	.00	335,000.00	142,411.80	.00	367,694.55	(32,694.55)	110	320,842.01
0449.000	Billing & Collection	45,000.00	.00	45,000.00	3,771.28	.00	45,255.36	(255.36)	101	41,156.55
0449.001	Sludge Removal	60,000.00	.00	60,000.00	38,901.43	.00	38,901.43	21,098.57	65	136,888.60
0449.500	Safety-Contractual	1,500.00	5,000.00	6,500.00	1,130.22	.00	7,992.33	(1,492.33)	123	5,823.90
0449.599	Undesignated Services	830,000.00	(27,500.00)	802,500.00	52,330.80	.00	809,383.91	(6,883.91)	101	835,580.36
0451.000	Consultants	53,000.00	(2,500.00)	50,500.00	24,320.21	.00	123,135.90	(72,635.90)	244	90,311.40
0454.000	Attorney Services	50,000.00	.00	50,000.00	876.25	.00	16,774.86	33,225.14	34	48,772.95
0461.000	Postage	30,000.00	.00	30,000.00	1,671.78	.00	29,624.61	375.39	99	42,179.95
0463.000	Travel & Training Expense	23,300.00	.00	23,300.00	515.01	.00	20,362.29	2,937.71	87	4,883.62
0465.000	Laundry & Cleaning	1,500.00	.00	1,500.00	105.60	.00	1,157.83	342.17	77	980.53
0466.000	Books,Mags. & Memberships	300.00	.00	300.00	.00	.00	558.00	(258.00)	186	210.00



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Fund	FA - Water Board - Water									
	EXPENSE									
	<i>Contractual Expenses</i>									
0467.000	Advertising	500.00	.00	500.00	133.83	.00	460.61	39.39	92	443.37
0471.000	Recruitment Expenditures	800.00	.00	800.00	.00	.00	1,864.12	(1,064.12)	233	342.50
	<i>Contractual Expenses Totals</i>	\$3,986,200.00	(\$10,000.00)	\$3,976,200.00	\$770,851.21	\$0.00	\$3,899,020.36	\$77,179.64	98%	\$3,858,812.56
	<i>Employee Benefits</i>									
0801.000	NYS E.R.S. Retirement	206,410.00	.00	206,410.00	133,612.00	.00	194,083.00	12,327.00	94	234,790.92
0820.000	Worker's Compensation	225,000.00	.00	225,000.00	194,357.96	.00	186,371.30	38,628.70	83	218,515.66
0830.000	Life Insurance	10,465.00	.00	10,465.00	904.57	.00	10,001.59	463.41	96	10,438.62
0840.000	Unemployment Ins. NYS	5,000.00	.00	5,000.00	.00	.00	.00	5,000.00	0	.00
0860.000	Medical Insurance	1,336,959.00	.00	1,336,959.00	105,884.99	.00	1,424,077.34	(87,118.34)	107	1,410,178.33
0861.000	Dental Insurance	50,100.00	.00	50,100.00	49,960.42	.00	49,960.42	139.58	100	51,263.24
0863.000	Vision Care Insurance	4,115.00	.00	4,115.00	335.58	.00	3,757.17	357.83	91	3,779.67
0865.000	Chiropractic Insurance	1,680.00	.00	1,680.00	70.00	.00	1,325.00	355.00	79	1,490.00
0890.000	Post-Employment Benefits(OPEB)	.00	.00	.00	.00	.00	.00	.00	+++	341,102.72
	<i>Employee Benefits Totals</i>	\$1,839,729.00	\$0.00	\$1,839,729.00	\$485,125.52	\$0.00	\$1,869,575.82	(\$29,846.82)	102%	\$2,271,559.16
	<i>Employee Benefit - FICA</i>									
0810.000	Social Security	208,230.00	.00	208,230.00	22,569.91	.00	216,904.04	(8,674.04)	104	201,232.55
	<i>Employee Benefit - FICA Totals</i>	\$208,230.00	\$0.00	\$208,230.00	\$22,569.91	\$0.00	\$216,904.04	(\$8,674.04)	104%	\$201,232.55
	EXPENSE TOTALS	\$8,752,569.00	\$0.00	\$8,752,569.00	\$1,611,804.60	\$0.00	\$9,017,029.84	(\$264,460.84)	103%	\$8,968,178.88
Fund	FA - Water Board - Water Totals	\$8,752,569.00	\$0.00	\$8,752,569.00	\$1,611,804.60	\$0.00	\$9,017,029.84	(\$264,460.84)		\$8,968,178.88
	Grand Totals	\$8,752,569.00	\$0.00	\$8,752,569.00	\$1,611,804.60	\$0.00	\$9,017,029.84	(\$264,460.84)		\$8,968,178.88



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Fund	FGB - Water Board									
	EXPENSE									
	<i>Contractual Expenses</i>									
0419.599	Undesignated Supplies	3,000.00	.00	3,000.00	642.37	.00	4,476.65	(1,476.65)	149	4,364.33
0451.000	Consultants	61,700.00	.00	61,700.00	14,011.05	.00	46,528.80	15,171.20	75	80,744.57
0454.000	Attorney Services	60,000.00	.00	60,000.00	928.00	.00	3,969.50	56,030.50	7	27,495.20
0459.000	Auditors	28,000.00	.00	28,000.00	.00	.00	26,000.00	2,000.00	93	32,941.50
0461.000	Postage	250.00	.00	250.00	.00	.00	.00	250.00	0	22.04
0466.000	Books,Mags. & Memberships	7,050.00	.00	7,050.00	386.21	.00	4,919.71	2,130.29	70	4,509.00
	<i>Contractual Expenses Totals</i>	\$160,000.00	\$0.00	\$160,000.00	\$15,967.63	\$0.00	\$85,894.66	\$74,105.34	54%	\$150,076.64
	EXPENSE TOTALS	\$160,000.00	\$0.00	\$160,000.00	\$15,967.63	\$0.00	\$85,894.66	\$74,105.34	54%	\$150,076.64
Fund	FGB - Water Board Totals	\$160,000.00	\$0.00	\$160,000.00	\$15,967.63	\$0.00	\$85,894.66	\$74,105.34		\$150,076.64
	Grand Totals	\$160,000.00	\$0.00	\$160,000.00	\$15,967.63	\$0.00	\$85,894.66	\$74,105.34		\$150,076.64

BANK ON BUFFALO & KEYBANK

BANK BALANCES-FY 2023

MONTH	ACCT #	Account Name	STARTING VALUE	DEPOSITS	WITHDRAWALS	TRANSFERS	NET CHANGE IN VALUE	MONTH ENDING VALUE	PY MONTH ENDING VALUE
JANUARY	X4873	Board Expense Account	91,624.82	-	-	-	-	91,624.82	91,624.82
	X4881	O&M Reserve	5,198,449.50	287.45	(287.45)	-	-	5,198,449.50	5,026,155.08
	X4899	Depository-BOB	4,681,372.45	4,099,830.73	-	(3,644,910.34)	454,920.39	5,136,292.84	2,973,320.83
	X9220	Depository-Keybank	558,495.95	166,599.72	-	-	166,599.72	725,095.67	297,702.76
	X4906	Payroll	161,396.74	-	(740,673.19)	733,913.19	(6,760.00)	154,636.74	109,324.31
	X4914	Benefits	6,735.75	-	(10,029.00)	15,887.25	5,858.25	12,594.00	12,880.50
	X0643	Operating	1,281,584.64	-	(3,325,817.09)	2,895,081.90	(430,735.19)	850,849.45	872,159.27
	X4445	Grants	1,709,955.74	-	(1,700,015.00)	28.00	(1,699,987.00)	9,968.74	56,308.39
		Totals	13,689,615.59	4,266,717.90	(5,776,821.73)	-	(1,510,103.83)	12,179,511.76	9,439,475.96

Wilmington Trust

BANK BALANCES-FY 2023

MONTH	ACCT #	Account Name	STARTING VALUE	DEPOSITS	Payments	Change in Market Value	NET CHANGE IN VALUE	MONTH ENDING VALUE
JANUARY	X3250	Debt Service	7,736,729.24	515,620.29	(586,441.40)	26,638.40	(44,182.71)	7,692,546.53
	X3251	Construction	877.47	-	-	2.76	2.76	880.23
	X3252	Debt Service Reserve	7,123,949.38	-	-	26,713.75	26,713.75	7,150,663.13
	X9279	Expense Account	16,079.32	-	-	-	-	16,079.32
	X4118-0	2022A DSF	916,276.56	101,621.42	(914,592.70)	1,770.90	(811,200.38)	105,076.18
	X4118-1	2022A Issuance	9,619.92	-	-	-	-	9,619.92
	X2722	Capital Fund Construction	156,507.22	10,506,458.18	(704,638.57)	21,048.29	9,822,867.90	9,979,375.12
		Totals	15,960,039.11	11,123,699.89	(2,205,672.67)	76,174.10	8,994,201.32	24,954,240.43

WEALTH ADVISORS- 2643

Treasury Reconciliation FY 2023

<u>MONTH</u>	<u>STARTING VALUE</u>	<u>DEPOSITS/WITHDRAWALS</u>	<u>TRANSFERS</u>	<u>CHANGE IN VALUE</u>	<u>MONTH ENDING VALUE</u>	<u>PY MONTH ENDING VALUE</u>
JAN	15,227,145.81	(25,383.34)	-	53,171.98	15,254,934.45	15,436,824.17
FEB	15,254,934.45	-	-	-	15,254,934.45	15,433,352.18
MAR	15,254,934.45	-	-	-	15,254,934.45	15,430,135.70
APR	15,254,934.45	-	-	-	15,254,934.45	15,424,553.53
MAY	15,254,934.45	-	-	-	15,254,934.45	15,421,170.00
JUN	15,254,934.45	-	-	-	15,254,934.45	15,397,568.19
JUL	15,254,934.45	-	-	-	15,254,934.45	15,398,795.06
AUG	15,254,934.45	-	-	-	15,254,934.45	15,322,422.45
SEP	15,254,934.45	-	-	-	15,254,934.45	15,233,218.27
OCT	15,254,934.45	-	-	-	15,254,934.45	15,174,647.51
NOV	15,254,934.45	-	-	-	15,254,934.45	15,229,644.66
DEC	15,254,934.45	-	-	-	15,254,934.45	15,227,145.81
FY TOTAL		(25,383.34)	-	53,171.98		

NFWB Live

Budget Amendments Report

From Date: 1/1/2023 - To Date: 1/31/2023

Account	G/L Date	Journal	Description	Increases	Decreases	Amended Balance
Fund: FA Water Board - Water						
Department: 1930 Judgements & Claims						
Sub Department: 0000 .						
0449.599 - Undesignated Services				Amended Balance as of: 1/1/2023		\$15,000.00
	01/06/2023	2023-00000015	TRANSFER FUNDS FOR PROGRAMMER CERTIFICATION COURSE	\$0.00	\$3,230.00	\$11,770.00
				\$0.00	\$3,230.00	\$11,770.00
Sub Department: 0000 . Totals:				\$0.00	\$3,230.00	
Department: 1930 Judgements & Claims Totals:				\$0.00	\$3,230.00	
Department: 8310 Water						
Sub Department: 6350 Engineering						
0463.000 - Travel & Training Expense				Amended Balance as of: 1/1/2023		\$1,000.00
	01/06/2023	2023-00000015	TRANSFER FUNDS FOR PROGRAMMER CERTIFICATION COURSE	\$3,230.00	\$0.00	\$4,230.00
				\$3,230.00	\$0.00	\$4,230.00
Sub Department: 6350 Engineering Totals:				\$3,230.00	\$0.00	
Department: 8310 Water Totals:				\$3,230.00	\$0.00	
Fund Totals: Water Board - Water				\$3,230.00	\$3,230.00	
Grand Totals:				\$3,230.00	\$3,230.00	

BANK PAID DATE	Req #	Invoice Date	PP # of #	VENDOR	Project Name	DESCRIPTION	INVOICE	AMOUNT	CIP FUNDING ACCOUNT
1/12/2023	2023-001	7/31/2022	3	John W. Danforth	Replacement of Critical Heating & Ventilation equipment	Construction	PB109903	\$ 53,722.50	WWTP-7
1/12/2023	2023-002	10/31/2022	4	John W. Danforth	Replacement of Critical Heating & Ventilation equipment	Construction	PB110230	\$ 323,760.00	WWTP-7
1/12/2023	2023-003	11/30/2022	5	John W. Danforth	Replacement of Critical Heating & Ventilation equipment	Construction	PB110381	\$ 70,290.50	WWTP-7
1/12/2023	2023-004	9/21/2022	24	Arcadis	WWTP project 3	Construction Administration	34321223	\$ 19,063.19	WWTP-3
1/12/2023	2023-005	11/9/2022	25	Arcadis	WWTP project 3	Construction Administration	34330808	\$ 15,787.69	WWTP-3
1/12/2023	2023-006	12/15/2022	N/A	CPL	Combined Projects-Miscellaneous	Professional Services-Capital Work Management	87527	\$ 21,889.10	C-5
1/12/2023	2023-007	12/1/2022	N/A	Dival	Chlorine Systemn Upgrades	Sensors	3200562	\$ 14,950.00	WTP-6.1
1/12/2023	2023-008	7/29/2022	N/A	Ferguson Electric	WTP Conference Room	Relocation of Fiber Cable	141842	\$ 9,218.00	WTP-6
1/12/2023	2023-009	12/13/2022	N/A	Ferguson Electric	Garage Door	Garage door controls	142992	\$ 6,522.00	W-30
1/12/2023	2023-010	9/6/2022	38	GHD	Gorge Pump Station Rehab	Reporting & Construction Administration	337-0004360	\$ 4,655.00	WWTP-2
1/12/2023	2023-011	12/13/2022	12	Hohl Industrial	Gen/Mech-Screenings & Grit transport	Construction	179421-12	\$ 8,971.98	WWTP-3
1/12/2023	2023-012	10/31/2022	17	CIR Electric	Screenings & Grit Transport	Electrical	45686	\$ 34,517.29	WWTP-1
1/12/2023	2023-013	11/30/2022	18	CIR Electric	Screenings & Grit Transport	Electrical	45849	\$ 15,541.06	WWTP-1
1/12/2023	2023-014	11/30/2022	5	CIR Electric	Replacement of Critical Heating & Ventilation equipment	Construction	45862	\$ 8,000.42	WWTP-7
1/12/2023	2023-015	12/12/2022	N/A	Best Line Equipment	Hydraulic Breaker	Hydraulic Breaker	E12252	\$ 12,586.34	S-8
1/12/2023	2023-016	10/4/2022	12	EI Team	Replacement of Critical Heating & Ventilation equipment	Professional Services	23665	\$ 4,312.50	WWTP-7
1/12/2023	2023-017	10/28/2022	13	EI Team	Replacement of Critical Heating & Ventilation equipment	Professional Services	23668	\$ 3,737.50	WWTP-7
1/12/2023	2023-018	9/28/2022	30	Kaman Automation	SCADA Upgrade	SCADA Upgrade	CTR0047994	\$ 4,725.00	WWTP-10
1/12/2023	2023-019	10/24/2022	31	Kaman Automation	SCADA Upgrade	SCADA Upgrade	CTR0048146	\$ 1,050.00	WWTP-10
1/12/2023	2023-020	11/23/2022	32	Kaman Automation	SCADA Upgrade	SCADA Upgrade	CTR0048474	\$ 4,425.00	WWTP-10
1/12/2023	2023-021	10/20/2022	N/A	RB Uren	Demolition Old Lime Sfeeding Syustem	Lift Rentals	23209	\$ 9,600.00	WWTP-14.2
1/19/2023	2023-022	9/20/2022	1	4th Generation	10 inch SS Repair	8200 Lindberg	N/A	\$ 57,313.50	S-8
								\$ 704,638.57	



Monthly O&M Report **For the Month of January 2023**

1. Treatment & Plant Maintenance

1.1. Water – Robert Rowe, updated 02/16/2023.

OPERATIONS AND MAINTENANCE

Total water production for the month of January was 613 million gallons. The average daily water production was 19.8 million gallons. The plant data summary table is included below for your reference.

2023 TOTALS AND AVERAGES

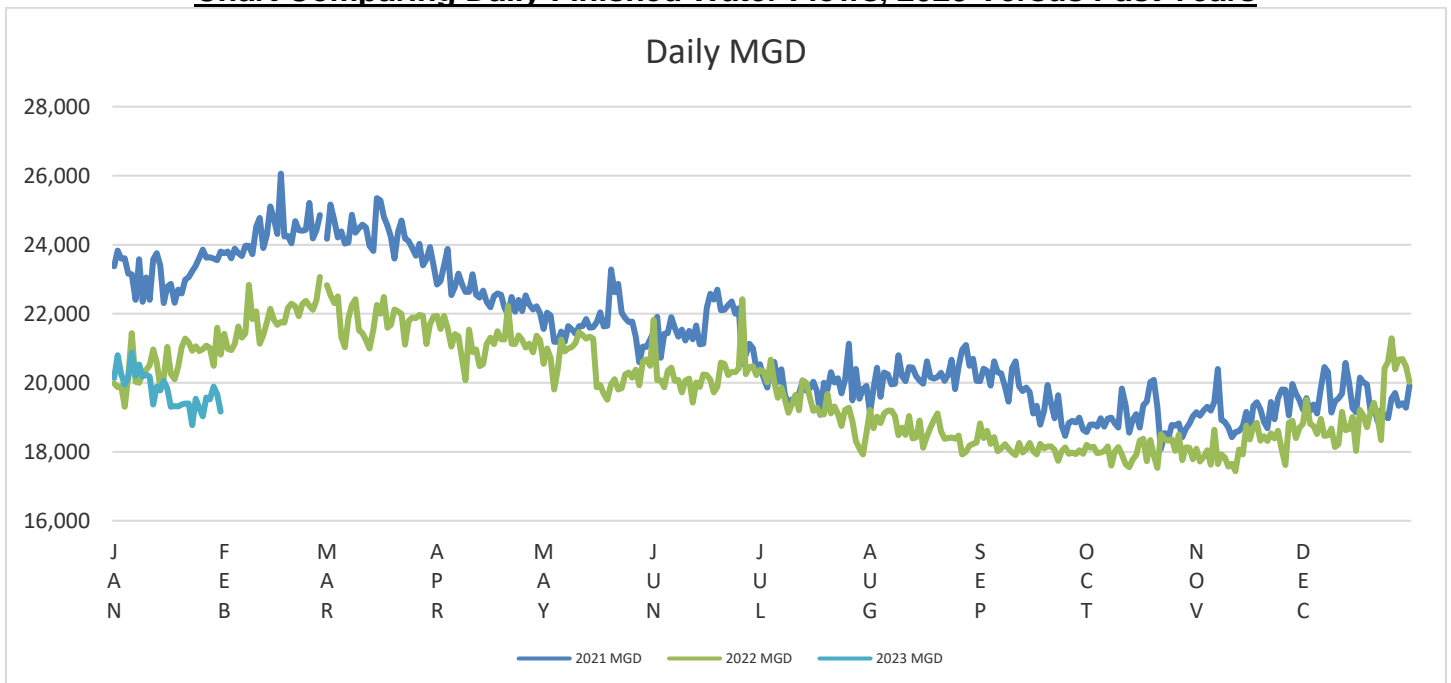
	R/W	PRE CL2	PACL	H2SiF6	PO4	POST CL2	F/W 1000 GAL/ DAY
	PUMPAGE	LBS	LBS	LBS	LBS	LBS	
JAN	612909	7237	154400	15124	1634	3720	19771
FEB							
MAR							
APR							
MAY							
JUN							
JUL							
AUG							
SEP							
OCT							
NOV							
DEC							
TOTAL	612909	7237	154400	15124	1634	3720	19771



FOR COMPARISON: 2022 TOTALS AND AVERAGES

	R/W	PRE CL2	PACL	H2SiF6	PO4	POST CL2	F/W 1000 GAL/ DAY
	PUMPAGE	LBS	LBS	LBS	LBS	LBS	
JAN	637659	6204	121300	15499	1680	4054	20570
FEB	612048	6616	111900	15155	1682	3718	21859
MAR	677306	7211	139500	17187	1854	4264	21849
APR	636257	7744	116500	15914	1757	3999	21209
MAY	635991	7910	108200	16438	1732	4341	20516
JUN	608333	8066	82900	16195	1625	4035	20278
JUL	600130	8528	89200	16400	1606	4134	19359
AUG	577218	8690	95700	15248	1728	3748	18620
SEP	543695	8185	95900	13682	831	3452	18123
OCT	559128	6949	100100	13280	1548	3352	18036
NOV	545795	6661	107800	13006	1495	3416	18193
DEC	596240	7564	147800	13954	1619	3513	19234
TOTAL	7229800	90328	1316800	181958	19157	46026	237844

Chart Comparing Daily Finished Water Flows, 2023 Versus Past Years





2023 ANALYTICAL RESULTS

	RAW TURB NTU	RAW pH	PRE Cl2 RES.mg/l	POST Cl2 RES.mg/l	EFF TURB NTU	EFF pH	F. RES mg/l
JAN	19.3	8.0	0.58	1.24	0.043	7.5	0.67
FEB							
MAR							
APR							
MAY							
JUN							
JUL							
AUG							
SEP							
OCT							
NOV							
DEC							
AVG	19.3	8.0	0.58	1.24	0.043	7.5	0.67

Operations and Maintenance Highlights

Senior Operator Nick Conde has resigned from his position after 8 years of service - best of luck to Nick in his future endeavors. This leaves us with a growing deficit in Operations staffing. We have now lost two of our licenses in the past 12 months, suggesting a need to address minimum staffing levels and compensation for certifications and shift work. The WTP cannot run without our certifications. We are working to hire a trainee diligently, but it will still be a minimum of one year before DOH grants approvals for licensing/certification of the new hire if they succeed with all the required training and testing.

The need for a booster pump system to aid and back-up our Chlorine dosing into the raw water has been discussed and has become more evident. We have started the process of sourcing equipment and drawing up plans.

We have received approval to move forward from DOH

NY State has granted approvals for the state drinking water fluoride program. Bid received for engineering work.

Freeze Thaw Beds 1 & 2 have been consolidated into bed 1. Repairs were made to bed 2 and it is now in service. This leaves bed 1 very full and in need of drying and solids removal to determine if repairs are necessary, as Operating Engineers reported that there is likely damage to the liner. Solids hauling being scheduled for end of February or early March for bed 1.



Wastewater – Dennis Kirkland, Acting Chief Operator- updated 02/20/23

January 2023

Sampling Notes - None

Project #1 (Sedimentation Basins and Screening) Sed basin #5 is majority done other than a few punch-list items and SCADA incorporations. The level sensor, floating baffle. Once the tipping is added we can incorporate everything into SCADA (Project 10). Sed Basin #4 is also done other than the Sprocket Motion Monitor and tipping pole sensors. Next month there will be training and start up.

Project #2 (GPS) All gorge pumps are up and running. The few things left need to be discussed with GHD, CIR and Plant IQ. It is on NFWB to incorporate the HOA and Speed POT. We met on how to proceed with the Seal water and Pressure gauge board along with which option we want for the HVAC system (touch screen or lights, buttons and switches) NFWB to build board GHD to provide plans.

Project #3 (Poly, Grit Conveyor, BFP (Belt Filter Press) Controls) The BFP portion is held up on materials and approvals of change orders. The Grit conveyor is in operation and both Operations and Maintenance have received training. Polymer booster pump concrete pad poured, and our Maintenance crew piped in what's needed for install. NFWB also piped in Sed 5 Poly pump lines/bypass. Arcadis is getting us plans on the controls aspect of the pump and our system.

Project #5 (Electrical) At June Board meeting Ferguson was authorized to replace transformers for two power centers, other portions of Project 5 are being re-evaluated by CPL. Timeline for transformer replacement not yet final.

Project #7 (HVAC) Work continues with the duct work throughout the facility. We had some necessary changes that needed to be made. They are now Finishing up above the Main wet well area that will improve the ventilation. Also chose the location of where the control PC will be for the units.

Project #9 & #11 (Inside/Outside Piping) Project #9 is completed. Danforth finished all the replacement valves in the thickened sludge building and all the temporary piping is set up in the basement of the facility. Project 11 is 98% completed just need to wait for spring so our OSM crew could rake and seed the grass and put in the driveway again. All the piping in the ground will all be GPS as well.

Project #10 (Kaman – Overall Controls) Kaman is still waiting for components for 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. Kaman would be involved in the HOA switch on each Gorge Pump. Kaman is waiting on the level sensor and tipping pole sensors to move forward with project #1 Sed basins incorporation. They also worked on the HMI and level sensor incorporation. In the scum building.

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 getting done the way we have envisioned and in a timely manner



WASTEWATER TREATMENT PLANT OPERATING DATA														
2023	FLOWS			Chlorine	Rainfall	SLUDGE		Polymer		FeCl3	LIME	H2O2	NaOCl	Grit
	INF/EFF	CBE	GPS	Residual		NET	LANDFILL	BFP	PRIM					
MONTH	MGD	MGD	MGD	PPM	inches	(Tons)	(Tons)	(Lbs)	(Lbs)	(gals.)	(Tons)	(gals.)	(gals.)	(Tons)
January	29.84	46.43	14.12	1.7	0.7	1360.0	365.0	1029.0	2389.0	19690	39.7	0	198850	31.9
February														
March														
April														
May														
June														
July														
August														
September														
October														
November														
December														
Totals	29.84	46.43	14.12	1.7	0.7	1360.0	365.0	1029.0	2389.0	19690	39.7	0	198850	31.9

Explanation of data abbreviations:

INF: Influent

EFF: Effluent

CBE Carbon Bed Effluent

GPS: Gorge Pump Station

MGD: Millions of Gallons per Day

PPM: Parts Per Million

BFP: Belt Filter Press

PRIM: Primary

FeCl3: Ferric Chloride

H2O2: Peroxide

NaOCl: Sodium Hypochlorite

2021 Data for Comparison Purposes

WASTEWATER TREATMENT PLANT OPERATING DATA														
2021	FLOWS			Chlorine	Rainfall	SLUDGE		Polymer		FeCl3	LIME	H2O2	NaOCl	Grit
	INF/EFF	CBE	GPS	Residual		NET	LANDFILL	BFP	PRIM					
MONTH	MGD	MGD	MGD	PPM	inches	(Tons)	(Tons)	(Lbs)	(Lbs)	(gals.)	(Tons)	(gals.)	(gals.)	(Tons)
January	32.12	41.31	13.50	2.2	0.3	2421.0	643.0	3664.0	4398.0	27380	121.8	0	367350	18.8
February	23.60	43.20	12.12	1.8	0.6	1721.0	518.0	2391.0	3107.0	19700	45.7	0	424560	12.0
March	24.32	45.57	12.00	2.0	0.7	2805.0	816.0	3397.0	3430.0	21380	79.0	0	301700	41.2
April	24.18	45.25	12.28	1.8	0.7	2150.0	582.0	2800.0	3335.0	22160	86.1	0	478895	26.0
May	20.59	42.66	11.12	1.6	0.8	1674.0	463.0	2334.0	3345.0	22500	69.8	0	697120	46.4
June	20.69	41.20	11.28	1.6	0.7	1735.0	524.0	2641.0	3363.0	21800	67.8	810	763300	65.3
July	26.76	48.23	12.75	1.4	6.1	1516.0	455.0	2544.0	3629.0	24780	55.7	6140	711170	15.9
August	19.49	36.87	11.21	1.3	0.4	1544.0	440.0	2846.0	3368.0	21420	91.6	0	739870	15.6
September	24.36	43.10	12.14	1.9	0.7	1775.0	533.0	2943.0	3931.0	24840	100.1	0	817405	23.5
October	25.66	44.13	12.74	1.9	2.2	1281.0	394.0	1753.0	3854.0	25100	82.4	0	744630	15.8
November	24.03	35.73	12.71	2.0	1.0	1624.0	470.0	1899.0	3573.0	23360	77.6	0	431430	11.0
December	25.02	35.86	13.47	1.7	0.5	1418.0	409.0	1351.0	3470.0	23660	42.9	0	288885	14.4
Totals	24.24	41.93	12.28	1.8	14.7	21664.0	6247.0	30563.0	42803.0	278080	920.5	6950	6766315	305.9



2.1. Sewer Collection & Water Distribution Michael Eagler, updated 02/20/2023

Sewer Collections System										
2023	Service Calls	Flushing (Feet)	UFPO Responses	Receivers Cleaned	Bypass Pumping (Hours)	Catch Basins	Manholes	Main	Connections	Lateral
January	138	13210	559	47	50.3	4	6	3	3	4
February										
March										
April										
May										
June										
July										
August										
September										
October										
November										
December										
Totals										

Water Distribution															
2023	Main Break	Svc. Leaks	Curb Box Reset	Valve Repaired	Valve Replaced	Hydrant Replaced	Hydrant Repaired	Hydrant Flow	Hydrant Flush-Winterized	Hydrant Leaks	Hydrants out of Svc.	Misc. Svc. Calls	Concrete	Landscape	UFPO
January	5	8	17	0	4	0	2	0	67	0	0	138	0	0	559
February															
March															
April															
May															
June															
July															
August															
September															
October															
November															
December															
Totals															



3. Analytical Services

3.1 Water Laboratory – Jordan Boyd, updated 2/16/2023

1. New York State Water Sanitary Code Part V Monitoring/Reporting

- January samples have been collected & analyzed in-house for TOC, DOC & UV254 on both finished and source water. All samples were in compliance.
- Monthly collection and reporting for the Distribution System were conducted for December. 60 Samples for Free Chlorine, Turbidity, Phosphate, Fluoride, Standard Plate Count & Mf Coliform. Those results were satisfactory and were within reporting limits.

2. In-house/DEC Monitoring

- All in-house monitoring for process water bacteriology and chemistry have been within normal limits for January.
- One community complaint was sampled in January. No water main breaks were sampled.
- The monthly SPDES sample collected from the freeze thaw bed was within normal limits for January. Chloroform and Dichlorobromomethane were sampled according to the new SPDES permit established for 2023.
- Samples analyzed for 2023: 1,001.

3. Laboratory Contract Analysis

- The Chemistry Laboratory Analyzed 8 Trihalomethanes and 8 Haloacetic Acids samples for The Town of Tonawanda and City of Lockport. The Laboratory also analyzed 9 samples for Total Organic Carbon and 9 Wet Chemistry Samples for City of Lockport and Town of Tonawanda, 3 Wet Chemistry samples from the Village of Lewiston, and 1 Total Suspended Solids sample from Niagara County Water District.
- The Microbiology lab analyzed 17 samples from the Aquarium of Niagara's indoor and outdoor pools and 3 samples from the Village of Lewiston. All results were reported to the representative contacts
- Revenue created for 2023 was \$1,763.00

3.2 Wastewater Laboratory - Brian Eldridge 2/17/2023

1. The data for January's State Pollutant Discharge Elimination System (SPDES) report is currently being compiled.



4. Customers & Compliance

4.1. Meter Shop – Bob Reid Updated 2/15/23

MONTH:	WORK ORDERS	STOPPED METERS	Registers Replaced	SCRAPPED METERS	INDUSTRIAL METERS READ	RESIDENTIAL METERS READ
JANUARY	75	7	6	0	0	7186
FEBRUARY						
MARCH						
APRIL						
MAY						
JUNE						
JULY						
AUGUST						
SEPTEMBER						
OCTOBER						
NOVEMBER						
DECEMBER						
TOTAL	75	7	6	0	0	7186

METER READINGS:

DISTRICT 2	B.REID	M.MYERS	V.Virtuoso	J.PAUL	F.DERUBEIS	TOTAL
1/3/23	1761					1761
1/4/23	1308			1611		2919
1/5/23	791			1705		2496
					10	10
TOTAL	3860			3316	10	7186
NR ACCT'S						
1/23/23	29					29
TOTAL	3889			3316	10	7215

Shop read 7186 Residential Meters and also 29 NR Meters.



4.2. Industrial Pretreatment Monitoring / Enforcement – Joel Paradise updated 2/21/2023

Hauled Waste Program – The Hauled waste moratorium imposed on August 16th, 2017 is still in effect. All indications are that this program will not be reinstated.

Investigations/Enforcement – All inspections have been conducted and Notices of Violation have been issued as required.

SIU Updates:

1. All SIU (Significant Industrial User) whose discharge permits nearing expiration in the next several months have been sent their renewal applications for our review and eventual reissuance of their NFWB wastewater discharge permit. This is an ongoing and continuing process.
The Cross Connection Inspectors 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.
2. SIU discharge permits are being continually updated using the most recent data generated by Steve Stewart to verify / adjust discharge limits.
3. The RFP for the Local Limits re-evaluation was released 2/10/2023 with proposals due in March.
4. NFWB and the DEC continues to closely monitor Cascades which has made significant progress getting their ETP back working as designed and appears to have turned the corner with their discharge permit compliance. The weekly reports submitted by Cascades indicate that they have maintained effluent discharges for SOC well below their discharge permit limits consistently now since June 10th, 2022 although there have been several instances where the TSS valued on the discharge to the WWTP were above their discharge permit limits. We continue to monitor the situation through site visits, sampling, and their required weekly progress reports. We are in the process of writing an Order on Consent and assessing violations and associated fines. The consolidation of discharge permits #50 and #73 is almost ready to be issued.
5. The 2021 Annual IPP Report to the USEPA, copied to NYSDEC has been completed , mailed out, and was received in a timely fashion. We are still awaiting their comments.



4.3. Industrial Pretreatment Monitoring / Enforcement (continued) updated 2/21/2022

6. SIU #59 North American Hoganas (NAH) ceased the “wash process” on Friday, July 1st, 2022. It was this “wash process” that prompted NAH to renew their discharge permit in March 2022. As of that July 1 date the plan was to complete the sale of the property and for NAH to vacate the property. At North American Hoganas’ request, the NFWB terminated their discharge permit (#59) with the NFWB thus NAH will no longer be classified as an SIU. The sale of the property is pending but has been delayed beyond what was anticipated and as of November 4th it has yet to be finalized.

7. Negotiations with the DEC, the NFWB, and Olin Chemical to accept excess process brine wastewater from SIU #23 were commenced on Monday, June 27th, 2022. It was agreed at that meeting at Olin on Monday, June 27th that this brine wastestream would not be compatible for treatment at the WWTP at this time. It was instead recommended that the possibility of discharging it to their SPDES discharge point 008 be looked into. The DEC will discuss this situation with the Buffalo office and with DEC officials in Albany and have a preliminary report of those discussions for Olin by August 1st, 2022. As of November 30th Olin had still not received an update from the DEC.

8. On Thursday, November 8th we collected the required quarterly collection system BHC samples. As in prior BHC sampling events, the samples were delivered to the Lab and sent out for analysis.

9. On Monday, November 14th we collected Mercury samples which are required semi-annually (2X per year) in the NFWB sewer collection system. As in prior Mercury sampling events, the samples were then delivered to the Lab, logged in and sent out for analysis.

10. The new combined Cascades / Greenpac discharge permit #80 will be issued shortly. The name discharge permit #78 will be changed to appropriately reflect the legal name associated with discharge Permit #80. The permit name on discharge permit #79 will also change to reflect the new name on discharge permit #80.

11. The 2022 Annual Pretreatment Compliance Report to the USEPA and the NYSDEC for the period 2022-01-01 through 2022-12-31 is being compiled. Dr. Zehraoui should have it for signing by 2/24.

12. The EPA conducted their quinquennial (every 5 years) NFWB Pretreatment Compliance Audit on Tues. 2/14 - 2/15/2023. There were no major surprises. As has been the case in past audits, we will have to correct any deficiencies noted when the final report is issued in approximately 60 days.



5. Safety – Russell DeFranco, Updated 2/23/2023

1. The following programs/procedures have been created and/or updated:

- Electrical Safety – Portable Plug & Cord
- Emergency Response and Fire Protection Plan
- Respiratory Protection Program
- Personal Protective Equipment

Note: topics covered during monthly safety training; training & implementation of some of the above are pending – see training matrix/calendar for 2023

2. Respiratory Protection Program has been fully implemented at WWTP and is 95% implemented as of mid- January 2018 at WTP (two employees to complete medical monitoring).

3. PPE Assessments: In progress for only WWTP and WTP laboratory personnel.

Must complete for all areas of WWTP and WTP and create PPE matrix upon completion.

4. Fall Protection:

Provided at Gorge Pumping Station screen room. A contact representative should return to WWTP to evaluate adding overhead Tether Track system for fall protection at sed basins; goal is to be completed by 7/31/2023.

5. Purchased portable barricades to close off loading dock at WTP.

6. Located, mapped, and numerically identified fire extinguishers throughout WTP & WWTP.

7. Tested and replaced weak batteries in AEDs throughout WTP & WWTP.

8. Replaced and repaired defective fire EXIT signs throughout WTP & WWTP.

9. Posted “Right to Know” signage on Union bulletin boards at WTP & WWTP.

10. PPE training and equipment provided to staff.

11. Safety needs assessment in progress at WTP & WWTP.

12. Inspection, identification, and mapping update of fire extinguisher locations at WTP & WWTP.

13. Defective Smoke detector replacement with pull alarms at WTP at a savings of approximately \$10,000.

14. Project proposals to replace rotten stainless-steel chlorine vent pipe with CPVC pipe that would remove of harmful chlorine gases from piping gallery at WTP.



Note: Monthly safety meeting and safety committee meeting attendance to begin April 2023. Attendance is crucial to understanding our safety policies and programs. Additionally, safety committee has an added advantage of helping employees stay engaged in safety programs, i.e., monthly safety & housekeeping inspections; and continuing to sharpen their ability to identify and mitigate hazards.

6. Technical Services – Doug Williamson, updated 2/13/2023

1. **LaSalle SSO Abatement Program and Consent Order (R9-20080528-32):**
The **RFP 2022-01** engineering consultant work was awarded to Arcadis for **Phase 1 SSES work** to begin in the Spring of 2023. We have a second NYSDEC Engineering Planning grant of \$100,000 in place for new Sanitary Sewer Evaluation Surveys in LaSalle along with the engineering report. We also have an NYSDEC WQIP grant of \$800,000 in place for the construction improvements recommended by this engineering report. A revised work plan that included Phase 1, 2 and 3 LaSalle sewer shed work areas was approved by the NYSDEC on May 24th. Upon approval of the plan, the NFWB immediately began sanitary sewer cleaning and CCTV work in the approved sewer shed areas. We are planning on revising the current LaSalle consent order for years 12 - 18 and eliminate the remaining work items within the schedule that have a negligible impact on I & I.
2. **NYSDEC Consent Order (R9-20170906-129) WWTP Phase I and II Projects:**
In January, we continued to support CPL and the design consultants on the WWTP Phase I and II projects and continually work on the grant reimbursements for construction work completed. Construction progress meetings are being held for ongoing projects, as necessary.

Project 1 Sedimentation Basins and Scum Collection System Modification –Construction at sedimentation basin no.4 is still ongoing.

Project 2 GPS Rehabilitation - Final walk through meeting was held on August 16th. Project close-out and punch list items continued to be addressed in January. A meeting was held with GHD and NFWB staff on January 10th regarding close-out items.

Project 3 Screenings and Grit Transport Equipment Improvements – progress meeting was held on January 19th regarding project status. Construction is ongoing.

Project 5 Electrical System Improvements – Phase II work has been proceeding with Ferguson Electric. Meeting was held on November 9th to discuss status.



Project 7 Replacement of Critical Heating & Ventilation Equipment – Progress meeting regarding project change orders was held on January 24th. Weekly inspection progress reports have been provided and construction is ongoing.

Project 10 SCADA Improvements – Change order to scope of work provided on December 7th for additional Project No.2 Gorge Pump Station work.

Project 11 Exterior Piping Improvements – progress meeting was held on January 4th and a final meeting was held on January 25th. Change order construction work on exterior sludge lines was substantially completed by the end of January.

Project 12 WWTP Intermediate Pumps Condition Assessment report was received from GHD on January 23rd and has been under review.

3. **NYSDEC WWTP SPDES Permit NY0026336 and Consent Order (R9-20170906-129)**

Items:

In January, we continued to address the WWTP SPDES Permit NY0026336 and Consent Order (R9-20170906-129) items.

The NYSDEC Annual WWTP Meeting and Inspection was held with AECOM and NFWB staff on January 17th.

The CSO BMP Annual Report for 2022 was completed on January 26th and submitted on the NYSDEC portal electronically.

The 2022 WWTP SPDES Annual Flow Certification was completed on January 31st and submitted on the NYSDEC portal electronically.

The WWTP NetDMR was approved on January 23rd for December 2022. There was a violation for the alpha BHC limit for the month of December 2022. A report of non-compliance event was provided to the NYSDEC.

4. **Town of Niagara Sewer Flow Monitoring**

The 2022 Fall Town of Niagara flow monitoring for the period of 9/8/22 (flow meter installs) to 10/10/22 (flow meter removals) was completed. The 2022 average flow results were provided to the Town of Niagara on October 20th. 2023 billing rate has been calculated with 8.9% rate increase.

We are looking into renegotiating the Agreement in early 2024.

5. **Stormwater Management**

WNYSC meeting was not held in January.

6. **Engineering Support**

In January, the engineering department continued to provide engineering and GIS support to NFWB departments, engineering consultants and developers as needed.



In January, attended several Emergency Plan meetings. Met with Rodan Energy regarding electrical demand response at WTP and WWTP. Met with AECOM and NFWB regarding BHC local limits evaluation and Cascades issues.

Received revised WTP SPDES permit from the NYSDEC on January 24th.

7. **Capital Improvement Projects:**

In January, the **5 Year Capital Improvement Plan** project statuses and progress continued to be tracked. Determined potential WWTP projects to be submitted for the remaining balance of the existing WWTP Phase II grant. CPL memo was updated on January 30th regarding **WWTP Phase II Projects** to submit to NYSDEC/EFC for approval. Grants status update meeting was held on January 31st with CPL, AECOM and NFWB staff.

Water Projects

The **Whitney Avenue** watermain replacement project drawings were submitted to the NYSDOH in December.

The **18th Street watermain** - Ontario Avenue to Whitney Avenue construction submittals are ongoing.

The **2021 WIIA Water Grant** of \$3 million was awarded on April 19th, 2022. Water replacement projects are being planned.

The **2022 WIIA grant for water projects** was not awarded.

Sewer Projects

The NFWB has been performing sanitary sewer cleaning and CCTV work in the approved LaSalle Consent Order sewer shed and other areas. The **RFP 2022-01** engineering consultant work was awarded to Arcadis for **Phase 1 SSES work** to begin in the Spring of 2023.

WTP Projects

Water Treatment Plant Conference room expansion work was ongoing in January. Met in January regarding emergency generator auto-transfer switch.

Drinking Water Fluoridation Component 1 (Planning Study for water plant upgrades), NYS Division of Family Health Grant #T37250GG, quarter 2 report was submitted on December 29th.

An **RFP 2023-01 Water Treatment Plant Fluoride System Assessment** was issued on January 5th to engineering consultants. A mandatory pre-proposal information session was held on January 11th at the WTP and Fluoride room. We only received one proposal from C & S Engineers, Inc. on January 25th to develop an engineering report accessing the fluoride system that was approved at the Board meeting on January 30th.



WWTP Projects (additional)

The **2021 WIIA Sewer (WWTP) Grant** of \$1,125,000 was awarded on April 19th, 2022. We are planning on how to proceed with these projects.

The **2022 WIIA grant for WWTP and sewer projects** of \$1,350,000 was awarded on November 4th, 2022. We are planning on how to proceed with these projects.

We are still hoping to utilize some of the remaining **WWTP Phase II grant** money (requires NYSDEC approval) to remove and **replace sodium hypochlorite tank #216** (14,750 gallons). The (2) ferric chloride tanks #214 and #215 (7,000 gallons each) may be a more difficult task. Draft drawings and specifications have been assembled for the RFP.



2022 OXIDIZER BUDGET

BUDGET = \$7,500,000.00 for year

COST = \$4,504,060.00 to date

% USED = 60.05% to date

BUDGET = \$20,547.95 per day avg. \$625,000.00 per month avg.

COST = \$12,339.89 per day avg. \$375,338.33 per month avg.
23.8 Flow (MGD) 365 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 THROUGH PUT (%)	FERRIC CHLORIDE (TONS)	LIME (TONS)
Jan-2022	659.8	0	197,600	302	\$233,168.00	386.3	152.1	39.4	73.2
Feb-2022	886.9	0	188,370	240	\$222,276.60	338.3	116.1	45.4	67.6
Mar-2022	854.3	0	252,175	387	\$297,566.50	299.7	129.1	45.5	42.7
Apr-2022	748.2	0	289,230	287	\$341,291.40	276.1	98.3	44.3	54.8
May-2022	709.3	0	345,240	509	\$407,383.20	371.1	131.2	46.8	57.0
Jun-2022	631.7	0	414,870	649	\$489,546.60	273.4	119.8	43.0	25.4
Jul-2022	633.7	0	392,060	615	\$462,630.80	354.7	111.7	45.0	76.1
Aug-2022	642.7	0	390,270	660	\$460,518.60	355.5	140.0	42.8	44.9
Sep-2022	649.6	0	364,480	571	\$430,086.40	332.1	89.1	37.1	55.7
Oct-2022	722.5	0	420,600	619	\$496,308.00	321.6	92.0	41.8	64.3
Nov-2022	718.8	0	273,220	599	\$322,399.60	286.8	102.3	40.8	80.1
Dec-2022	815.8	0	288,885	364	\$340,884.30	394.6	96.6	44.4	42.9
TOTALS	8,673.3	0	3,817,000	484	\$4,504,060.00	3,990.3	112.2	516.2	684.4

Low value for year

High value for year

2021 Oxidizer Figures for Comparison:

2021 OXIDIZER BUDGET

BUDGET = \$2,050,000.00 for year

COST = \$3,341,237.44 to date

% USED = 162.99% to date

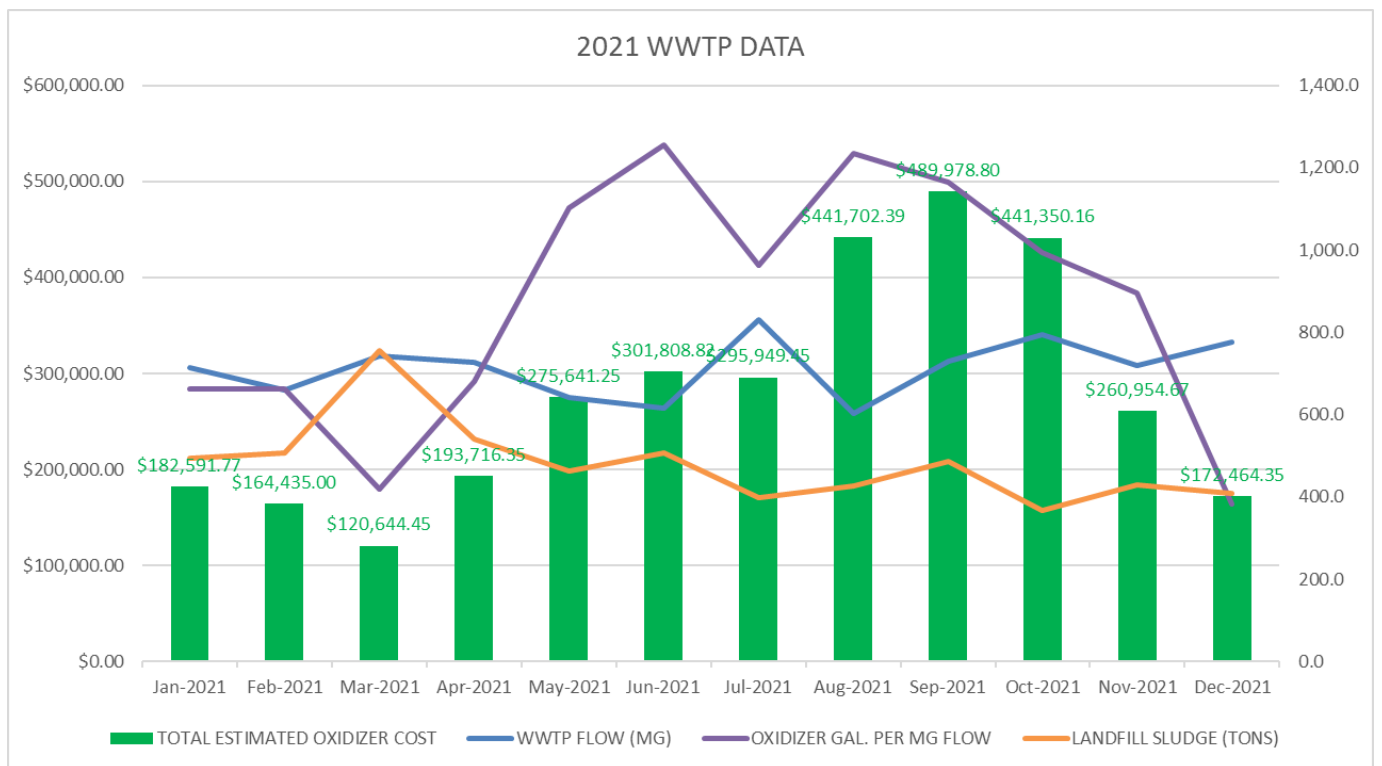
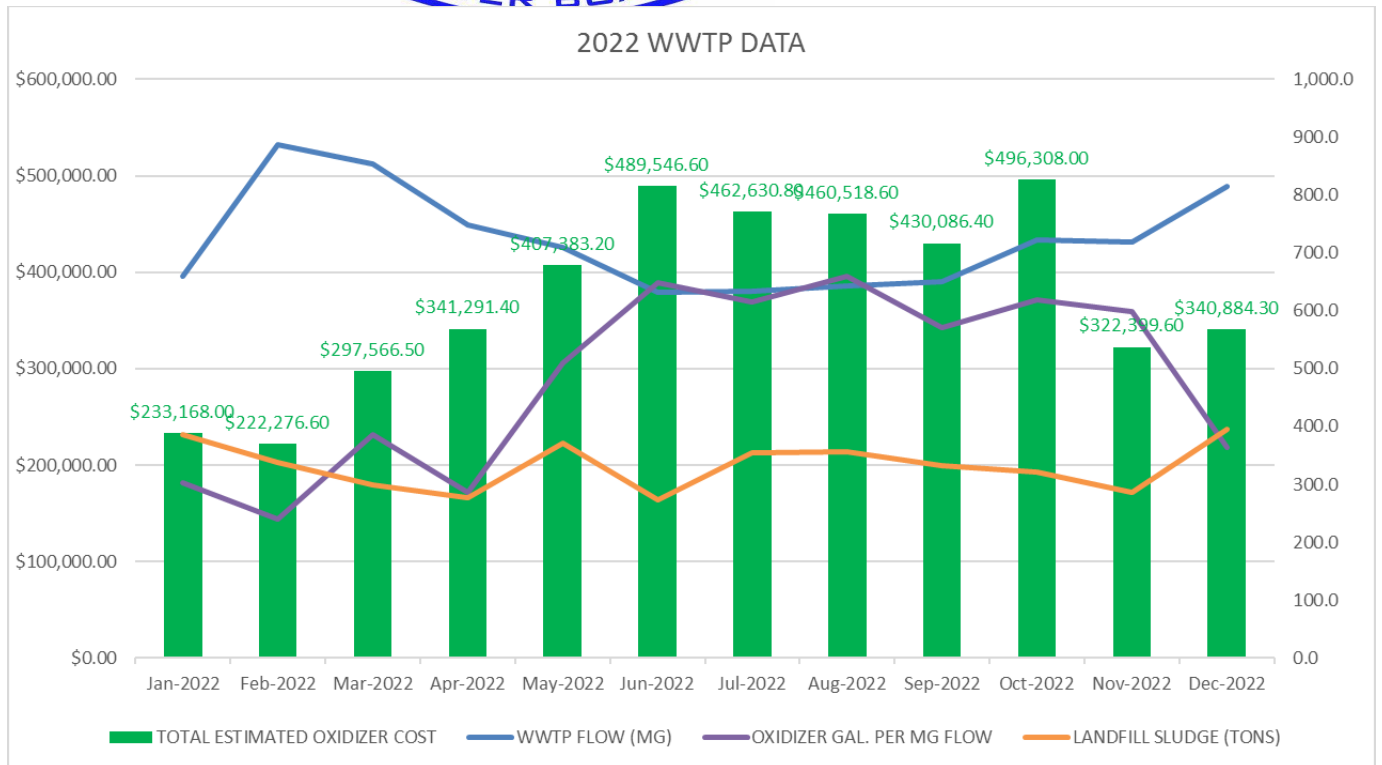
BUDGET = \$5,616.44 per day avg. \$170,833.33 per month avg.

COST = \$9,154.08 per day avg. \$278,436.45 per month avg.
23.4 Flow (MGD) 365 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 THROUGH PUT (%)	FERRIC CHLORIDE (TONS)	LIME (TONS)
Jan-2021	714.9	0	461,790	663	\$182,591.77	494.8	88.2	40.7	66.8
Feb-2021	660.8	0	415,870	664	\$164,435.00	507.8	62.0	37.0	42.7
Mar-2021	742.1	0	305,120	419	\$120,644.45	756.2	102.7	40.1	81.9
Apr-2021	726.4	0	489,925	682	\$193,716.35	540.3	94.4	41.8	78.9
May-2021	640.6	0	697,120	1102	\$275,641.25	463.4	125.2	42.2	69.8
Jun-2021	616.1	0	763,300	1256	\$301,808.82	508.3	134.8	39.4	65.4
Jul-2021	831.1	6,020	707,480	964	\$295,949.45	399.2	114.6	46.6	51.7
Aug-2021	604.1	0	739,870	1236	\$441,702.39	426.6	110.1	40.2	90.6
Sep-2021	729.8	0	820,735	1164	\$489,978.80	487.0	100.0	45.4	97.6
Oct-2021	795.4	0	739,280	993	\$441,350.16	366.3	119.1	47.0	80.4
Nov-2021	720.6	0	437,110	895	\$260,954.67	429.8	162.8	43.7	67.2
Dec-2021	775.6	0	288,885	383	\$172,464.35	408.8	180.0	44.4	42.9
TOTALS	8,557.5	6,020	6,866,485	868	\$3,341,237.44	5,788.5	106.1	508.3	836.0

Low value for year

High value for year





7. SECURITY REPORT— Russell DeFranco 2/23/2023

1. West Guard Shack to be fully operational by mid-March 2023. The HVAC, plumbing, and masonry work completed. Awaiting tie in from water supply. Mike Eagler and Eric Smith crew's instrumental to the success of the project.
2. Removal of unauthorized locks on doorways that were a violation of City Fire Code completed as discovered.
3. Board room security cameras installed.
4. Security cameras for clear well vent house, inside and outside; in progress.
5. WTP south side fence repairs to breaks in fence in progress.
6. Ground elevation improvements and security wire on top of fence to WTP south side fence scheduled for spring 2023 (when ground has hardened).
7. WTP clear well vent house security door and security screen on louvers in progress.

8. INFORMATION TECHNOLOGY (I.T.) 2/21/2023

Primary System Statuses

VMware 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 – All systems secured, no incidents to report.

Updates/Issues Addressed/Resolved for the Current Month: **(Not Included: Daily tasks/User Issues)**

WTP – Conference room all systems installed and tested. Vendor Park place provided training and will offer support indefinitely.

NFWB – We set up email addresses for every employee so they can receive special notifications and messages from administration and vendors.



NFWB – deployed a mobile device for the WWTP guard shack so that our security personnel can be contacted anywhere they go on the grounds.

NFWB – WTP – Kiosk was set up for all employees to check email.

NFWB – WWTP – 2 kiosk stations set up for all WWTP to check email.

NFWB – we have begun the initial setup and configurations for the new 3cx phone system, we are testing a phone server and 3cx software backend. Next phase will be to convert all of our existing desk phones over to 3cx, beyond that we will have to set up call groups, extensions, voicemail boxes and extensions. We have lots to do but this will be significantly easier to manage and bring with it substantial yearly cost savings.

Project planning:

- TBD: Explore PA/intercom options using a digital IP based system to address the need for alarm or PA system for each plant.
- TBD: Have discussed potential thin client PC deployment hosting options with a vendor. This will allow for very granular control of a PC and simplify setting up and deploying devices to end users; it's also very cost effective but a lot of pre- planning is required to build departmental images and configure a PXE environment.
- TBD: Wi-Fi – The plan is to set up 2 Wi-Fi networks – one being a production network and the other a guest network on its own VLAN to ensure our network is not accessible. As simple as this is security is the top concern. Wi-Fi may not include internet access in some locations but will allow devices to talk to one another (for example, PC to printer).
- On December 3 our domain controller server at our wastewater building went offline. As a result, all VoIP phones and computers at the location did not have an Internet connection. The server would not turn back on. We were temporarily able to repair the connection by moving the DHCP role to the Sophos firewall and moving the DNS service to our other server at our other site. This is a temporary fix, and the Wastewater domain controller will need to be replaced ASAP. I am waiting for a quote from a vendor to replace that server.

NIAGARA FALLS WATER BOARD RESOLUTION # 2023-02-001

**AWARD BID FOR WASTEWATER TREATMENT PLANT
SLUDGE HAULING AND DISPOSAL**

WHEREAS, the Niagara Falls Water Board (“Water Board”) wastewater treatment plant (“WWTP”) treatment process removes solids from wastewater, which are dewatered using belt filter presses, lime stabilized, and disposed of in a landfill pursuant to DEC regulations; and

WHEREAS, the Water Board contracts for hauling and disposal of the sludge; and

WHEREAS, with the assistance of its engineers, CPL, the Water Board issued an invitation to bid for Project No. 2023002, for Wastewater Treatment Plant Sludge Hauling and Disposal for the period of April 1, 2023 through March 31, 2025; and

WHEREAS, the Water Board received two bids on February 2, 2023 for the work, and Modern Disposal Services, Inc., provided the lowest responsible bid; and

WHEREAS, bid amounts were for comparison purposes only, with the actual contract amount to be based on sludge production, and Modern’s base bid totals \$1,834,588.75 versus the base bid by Environmental Service Group of \$2,588,114; and

WHEREAS, CPL has reviewed the bids received and recommends awarding the contract for Hauling and Disposal of Wastewater Plant Residuals to Modern Disposal Services, Inc. as the low bidder and qualified to perform the work;

* CONTINUED ON NEXT PAGE *

NOW THEREFORE BE IT

RESOLVED, that on behalf of the Niagara Falls Water Board, its Executive Director hereby is authorized to contract with Modern Disposal Services, Inc., for Wastewater Treatment Plant Sludge Hauling and Disposal for the period of April 1, 2023 through March 31, 2025.

Water Board Personnel Responsible for Implementation of this Resolution:
Executive Director

Water Board Budget Line or Capital Plan Item with Funds for this Resolution:
8130.0100.0449.002, Sludge Disposal
Budget Line Supplied by: B. Majchrowicz
Available Funds Confirmed by: B. Majchrowicz

On February 27, 2023, the question of the adoption of the foregoing Resolution was duly put to a vote on roll call, which resulted as follows:

	Yes	No	Abstain	Absent
Board Member Asklar	[]	[]	[]	[]
Board Member Kimble	[]	[]	[]	[]
Board Member Larkin	[]	[]	[]	[]
Board Member Leffler	[]	[]	[]	[]
Chairman Forster	[]	[]	[]	[]

Signed By:

Vote Witnessed By:

Nicholas J. Forster, Chairman

Sean W. Costello, Secretary to Board

February 20, 2023

Sean Costello, Attorney
Michel C. O’Laughlin Water Treatment Plant
5825 Buffalo Ave
Niagara Falls NY 14304

RE: Niagara Falls Water Board – Project 2023002
Award Recommendation:
Hauling and Disposal of Aluminum Based Residuals for NFWB from March 1,
2023, through February 28, 2025
CPL PROJECT NO. 14143.02

Dear Mr. Costello,

The bids for the Hauling and Disposal of Wastewater Plant Residuals for NFWB from April 1, 2023, through March 31, 2025, were opened on Wednesday February 2, 2023. A copy of our bid tabulation is enclosed for your information and review.

Two Bids proposal was received.

Modern Disposal Services	\$1,834,588.75
Environmental Service Group	\$2,588,114.00

Clark Patterson Lee recommends awarding to Modern Disposal Services as the lowest responsible bidder for the total base bid of \$1,834,588.75.

Very truly yours,

Clark Patterson Lee



Jay F. Meyers, P.E.

Enclosure

c:

File

**Hauling and Disposal of Wastewater Plant Residuals for Niagara Falls Water Board
from April 1, 2023 through March 31, 2025**

Project#-2023002

Bid Opening Date: February 2, 2023

Environmental Service Group of NY, Inc.

ITEM	QUANTITY	VIM	DESCRIPTION	UNIT PRICE	TOTAL PRICE
1	13,000	TONS	DISPOSAL WWP RESIDUALS/TON	\$85.00	\$1,105,000.00
2	1249	TRIPS	ONSITE RELOCATION & TRANSPORTATION	\$490.00	\$612,010.00
3	4160	HOURS	HOURLY RATE M-F 6PM-5:59AM	\$150.00	\$624,000.00
4	832	HOURS	HOURLY RATE SAT-SUN 1:00 PM-11:59PM	\$198.00	\$164,736.00
5	416	HOURS	HOURLY RATE SUN-MON 12:00AM-5:59 AM	\$198.00	\$82,368.00
				TOTAL	\$2,588,114.00

MODERN DISPOSAL SERVICE, INC.

ITEM	QUANTITY	VIM	DESCRIPTION	UNIT PRICE	TOTAL PRICE
1	13,000	TONS	DISPOSAL WWP RESIDUALS/TON	\$98.18	\$1,276,340.00
2	1249	TRIPS	ONSITE RELOCATION & TRANSPORTATION	\$288.75	\$360,648.75
3	4160	HOURS	HOURLY RATE M-F 6PM-5:59AM	\$0.00	\$0.00
4	832	HOURS	HOURLY RATE SAT-SUN 1:00 PM-11:59PM	\$150.00	\$124,800.00
5	416	HOURS	HOURLY RATE SUN-MON 12:00AM-5:59 AM	\$175.00	\$72,800.00
				TOTAL	\$1,834,588.75

NIAGARA FALLS WATER BOARD RESOLUTION # 2023-02-002

**AWARD BID FOR HAULING AND DISPOSAL OF
ALUMINUM-BASED RESIDUALS FROM WATER TREATMENT PLANT**

WHEREAS, the Niagara Falls Water Board (“Water Board”) water treatment plant (“WTP”) has outdoor sludge beds which are used to settle trace contaminants contained in raw water using non-toxic chemical coagulants; and

WHEREAS, from time to time the resulting residuals, commonly known as alum or aluminum sludge, accumulate to the point where they must be removed from the outdoor sludge beds and disposed of; and

WHEREAS, an invitation to bid for Project No. 2023001, Hauling and Disposal of Aluminum-Based Residuals for the period from March 1, 2023 through February 28, 2025 was issued on behalf of the Water Board by Clark Patterson Lee engineers; and

WHEREAS, using estimated quantities for bid comparison purposes, the base bid from Modern Disposal Services was \$22,180 and the base bid from Environmental Service Group was \$60,690; and

WHEREAS, the actual cost of the service will depend on the total quantity of materials actually removed; and

WHEREAS, Clark Patterson Lee recommends awarding the bid to Modern Disposal Services, Inc., as the lowest responsible bidder;

* CONTINUED ON NEXT PAGE *

NOW THEREFORE BE IT

RESOLVED, that on behalf of the Niagara Falls Water Board, its Executive Director hereby is authorized to contract with Modern Disposal Services, Inc., for Hauling and Disposal of Aluminum-Based Residuals from the Water Treatment Plant for the period of March 1, 2023 through February 28, 2025.

Water Board Personnel Responsible for Implementation of this Resolution:
Executive Director

Water Board Budget Line or Capital Plan Item with Funds for this Resolution:
8330.0100.0449.001, Sludge Disposal
Budget Line Supplied by: B. Majchrowicz
Per B. Majchrowicz, \$120,000 budgeted, amounts in excess will require budget transfer.

On February 27, 2023, the question of the adoption of the foregoing Resolution was duly put to a vote on roll call, which resulted as follows:

	Yes	No	Abstain	Absent
Board Member Asklar	[]	[]	[]	[]
Board Member Kimble	[]	[]	[]	[]
Board Member Larkin	[]	[]	[]	[]
Board Member Leffler	[]	[]	[]	[]
Chairman Forster	[]	[]	[]	[]

Signed By:

Vote Witnessed By:

Nicholas J. Forster, Chairman

Sean W. Costello, Secretary to Board

February 20, 2023

Sean Costello, Attorney
Michel C. O’Laughlin Water Treatment Plant
5825 Buffalo Ave
Niagara Falls NY 4304

RE: Niagara Falls Water Board – Project 2023001
Award Recommendation:
Hauling and Disposal of Aluminum Based Residuals for NFWB from March 1,
2023, through February 28, 2025
CPL PROJECT NO. 14143.02

Dear Mr. Costello,

The bids for the Hauling and Disposal of Aluminum Based Residuals for NFWB from March 1, 2023, through February 28, 2025, were opened on Wednesday February 2, 2023. A copy of our bid tabulation is enclosed for your information and review.

Two Bids proposal was received.

Modern Disposal Services	\$22,180.00
Environmental Service Group	\$60,690.00

Clark Patterson Lee recommends awarding to Modern Disposal Services as the lowest responsible bidder for the total base bid of \$22,180.00.

Very truly yours,

Clark Patterson Lee



Jay F. Meyers, P.E.

Enclosure

c:

File

**Hauling and Disposal of Aluminum Based Plant Residuals for Niagara Falls Water Board
from March 1,2023 through February 28. 2025**

Project#-2023001

Bid Opening Date: February 2, 2023

Environmental Service Group of NY, Inc.

ITEM	QUANTITY	VIM	DESCRIPTION	UNIT PRICE	TOTAL PRICE
1	40	LOADS	20yard Pick-up & Hauling	\$588.00	\$23,520.00
2	1	TON	Disposal	\$85.00	\$85.00
3	40	LOADS	On Call Pick-up	\$925.00	\$37,000.00
4	1	TON	Disposal	\$85.00	\$85.00
				TOTAL	\$60,690.00

MODERN DISPOSAL SERVICE, INC.

ITEM	QUANTITY	VIM	DESCRIPTION	UNIT PRICE	TOTAL PRICE
1	40	LOADS	20yard Pick-up & Hauling	\$275.00	\$11,000.00
2	1	TON	Disposal	\$90.00	\$90.00
3	40	LOADS	On-Call Pick-up	\$275.00	\$11,000.00
4	1	TON	Disposal	\$90.00	\$90.00
				TOTAL	\$22,180.00

WATER TREATMENT PLANT GENERATOR CONTROL UPGRADE

WHEREAS, the Niagara Falls Water Board (“Water Board”) Water Treatment Plant (“WTP”) is equipped with two CAT brand emergency backup generators sufficient to maintain vital operations in the event of a power failure to the WTP; and

WHEREAS, these generators are original to the WTP and from time to time require repairs and refurbishment in order to continue to provide reliable emergency backup power; and

WHEREAS, Water Board staff have identified a need to upgrade the generator and switchgear controls, which originally were constructed in 1995; and

WHEREAS, the 1995 controls are technologically obsolete and replacement parts no longer are available; and

WHEREAS, Water Board staff have obtained a quote in the amount of \$259,789 to replace and upgrade the controls from Milton CAT, the sole source for original equipment manufacturer authorized repair and maintenance services, which includes a rental generator while the work is completed; and

WHEREAS, the Milton CAT proposal is based off of Sourcewell Contract No. 120617-CAT, from which the Water Board is authorized to make procurements pursuant to General Municipal Law § 103(16); and

WHEREAS, the Milton CAT proposal does not include certain necessary wiring work and the project also presents the opportunity to complete maintenance on generator breakers while they are de-energized and to replace the generator relays which have failed; and

WHEREAS, the Water Board has obtained a proposal from Ferguson Electric Service Co., Inc., to perform the necessary wiring, maintenance, and generator-relay replacement work pursuant to the previously bid indefinite delivery/indefinite quantity (“IDIQ”) electrical work contract that was awarded to that firm for a total fee of \$49,889; and

WHEREAS, a portion of the work described in this resolution may be eligible for reimbursement pursuant to the Water Board’s Drinking Water State Revolving Fund Grant No. 19056;

* CONTINUED ON NEXT PAGE *

NOW THEREFORE BE IT

RESOLVED, that on behalf of the Niagara Falls Water Board, its Executive Director hereby is authorized to contract with Milton CAT to upgrade the Water Treatment Plant generator and switchgear controls for a sum not to exceed \$259,789 as described in that firm's proposal dated June 9, 2022;

AND IT IS FURTHER RESOLVED, that the Executive Director hereby is authorized to pay to Ferguson Electric Service Co., Inc., up to \$49,889 to perform necessary wiring, maintenance, and generator-relay replacement work consistent with that firm's June 15, 2022 proposal.

Water Board Personnel Responsible for Implementation of this Resolution:
Executive Director

Water Board Budget Line or Capital Plan Item with Funds for this Resolution:
Capital Line WTP-6.2, Emergency Backup Generator Upgrades
and NYS EFC DWSRF Grant No. 19056
Capital Line Supplied by: D. Williamson

On February 27, 2023, the question of the adoption of the foregoing Resolution was duly put to a vote on roll call, which resulted as follows:

	Yes	No	Abstain	Absent
Board Member Asklar	[]	[]	[]	[]
Board Member Kimble	[]	[]	[]	[]
Board Member Larkin	[]	[]	[]	[]
Board Member Leffler	[]	[]	[]	[]
Chairman Forster	[]	[]	[]	[]

Signed By:

Vote Witnessed By:

Nicholas J. Forster, Chairman

Sean W. Costello, Secretary to Board



**Milford, MA
Batavia, NY
North Reading, MA**

**Londonderry, NH
Binghamton, NY
Richmond, VT**

**Clifton Park, NY
Brewer, ME
Wareham, MA**

**Syracuse, NY
Scarborough, ME
Cranston, RI**

TO: Niagara Falls Water Board
ATTN: Joe Argona

Opp: 21-27423 rev2
DATE: 6/9/22

PROJECT

Generator and Switchgear Modernization - Sourcewell Member #87692

We are pleased to present you with a proposal to upgrade your generator and switchgear controls. After visiting the site and reviewing the drawings and system documentation we have some recommendations for modifications to this system. The generators and switchgear were built in 1995 and since then technologies have advanced and many components are now obsolete and create a risk as direct replacements are no longer available.

Each of the Caterpillar 3512 generators at Niagara Falls Water Board currently uses an EMCP 2 generator controller. The EMCP 2 generator controllers have become obsolete and parts to support this platform are no longer available. Milton Cat strongly recommends upgrading these generator controls to the new EMCP 4 platform proactively.

Additionally the Zenith Paralleling switchgear is over 20 years old and has many obsolete components. Many of the programming, relays, and controllers are no longer supported.

Milton Cat recommends replacing the EMCP 2 generator controls with EMCP 4.4 controllers. Retrofitting the new EMCP 4.4 controller onto these generators will have the controls platform on a new, currently supported platform. We have also included an EMCP 4.4 Master Control panel to provide control of the switchgear and a touchscreen user interface.

Included in this proposal:

- Replace Caterpillar EMCP 2 Controllers with CAT EMCP 4.4 control panel
- Replace Switchgear controls with Caterpillar EMCP 4.4 Master Control panel
 - New PT's
 - New CT's
- Install remote monitoring hardware on each generator
 - Connect
- Provide load banks for system tuning
 - 2640 kw load bank
 - 480 V 4160 V transformer
 - 100' cables
- Engineering and as built drawings for new system
- XQ2000 Rental Generator with transformer
 - Up to 1 month onsite
 - 100' cables
 - 480 V to 4160 V transformer
 - 40 hrs runtime per week
 - Transportation to/from site
- System testing



No sequence of operations was provided for this project so this system was designed using a standard sequence of operations.

- The automatic transfer switches are in the normal position serving utility power to the loads.
- The generator set main breakers are open.
- The automation is standing by to act in response to a run request from associated automatic transfer switches.

1. Entry
 - d. Automatic Transfer Switch Run Request Initiated
 - e. Where applicable, load shed sequence is executed.
 - f. All available generators are started.
 - g. The first generator up to voltage and frequency is closed to the bus.
 - h. Critical loads and load shed priority 1 loads are powered in less than 10 seconds.
 - i. The remaining generator sets are synchronized and paralleled to the bus as they come up to voltage and frequency.
 - j. As additional generators are paralleled to the emergency bus, Load Shed Priority levels are added, powering their associated loads.
 - k. The system is now in emergency mode.
2. Exit
 - a. Automatic transfer switches sense the utility source is within acceptable operational tolerances for a time duration set at the automatic transfer switch.
 - b. As each automatic transfer switch transfers back to utility power, it removes it's run request from the generator plant.
 - c. When the last automatic transfer switch has retransferred to the utility and all run requests have been removed from the generator plant, all generator set main circuit breakers shall opened.
 - d. The generator sets are allowed to run for their programmed cool down period and shut down.
 - e. The system is returned to automatic/standby mode.

**Net Price, F.O.B. Job
Site/Tailgate**



- All running of wires is by others, a list or wires needed will be provided after engineering is complete
- Anything not specifically mentioned in this proposal is excluded
- All third-party testing is excluded
- All NETA Testing is excluded
- All permits, fees, permissions, registrations, and inspections are excluded
- All fuel and DEF, including fuel and DEF for any rental generators is excluded
- All arc flash studies are excluded
- All coordination studies are excluded
- All Ground Fault and Arc Flash testing and studies are excluded
- Milton Cat reserves the right to correct errors and omissions
- Videotaping of training provided by Milton CAT technicians is strictly prohibited
- Federal, state, and local code compliance is strictly the responsibility of the owner
- Buyer may not cancel a purchase order or return equipment without Milton Cat's written consent
- Customer electrician required for connection of load banks and rental generators
- No warranty on existing equipment has been expressed or implied, all existing equipment is assumed to be functional. A quote will be issued for any components that are found to be not functional
- Existing customer system interfacing is the customers sole responsibility for proper functional interface with new equipment
- No background checks, drug tests, health screenings, or safety training is included in this proposal
- All documentation will be delivered in electronic format
- Customer to provide free and clear access to all generators and switchgear, some work may happen outside of normal business hours and over weekends
- Prevailing Wages are included
- Engine, Switchgear, and surrounding areas must be free and clear of oil, glycol, dirt, and debris for safety and reduced contamination



Payment Terms:

Pricing is based on CAT Sourcewell Contract #120617-CAT.

With Credit Department Approval – Net 30 Days

Sales tax is not included.

Credit card payments are not accepted.

This is a quotation on the goods named above and subject to the conditions noted herein:

The estimate provided to you is based on what can be reasonably observed by a Milton Cat Product Support Representative. If, during actual repairs, additional worn or failed components are discovered, you will be contacted with an updated estimate that will include a breakdown of additional parts and/or labor. No additional repairs will be made without the customers signed approval. Transportation, freight, tax, miscellaneous supplies, and environmental charges are not included unless otherwise noted. We greatly appreciate the opportunity to estimate this repair for you and look forward to providing you the best service in the industry.

This price is firm for thirty (30) days. Please see attached Terms and Conditions. Please note sales tax, if applicable, is not included in our price. We appreciate this opportunity to quote you on your equipment requirements and hope to be favored with your valued order.

We look forward to serving your future purchase and/or rental needs.

Sincerely,

Justin Peterson / Product Support Consultant / Cell: (603) 260-3568 / Email: Justin_Peterson@miltoncat.com



A) Customer is responsible for any and all installation of the equipment supplied by **Milton Cat Power Systems**, unless otherwise specified in writing. All equipment needed to perform any loading or unloading of the equipment supplied by **Milton Cat Power Systems** is the responsibility of the buyer. All permits, fees and regulatory requirements are the responsibility of the buyer.

C) Milton Cat Power Systems reserves the right to correct any errors or omissions. Standard warranty of the manufacturer applies. Copies are available upon request.

E) Contracts which include penalty or liquidated damage clauses, waivers of subrogation, or naming a third party additionally insured are not acceptable or binding on **Milton Cat Power Systems, unless accepted and confirmed in writing by an officer of **Milton Cat Power Systems**.**

G) Milton Cat Power Systems will not be responsible for any labor or material charges by others associated with the start-up and installation of this equipment unless previously agreed upon, in writing by **Milton Cat**

Name (print)

Company

Title

Signature/Date

Service Division

Your exclusive TEGG® Service provider

- o Electrical preventative maintenance programs
- o 24-hour emergency service
- o Troubleshooting and repair

June 15, 2022

Niagara Falls Water Board
Municipal Water Plant
5815 Buffalo Avenue
Niagara Falls, NY 14304

Attention: Mr. Joseph Argona

Re: Water Treatment – Generator Upgrades; FES# PD23585

Dear Mr. Argona,

We are pleased to submit this proposal for the assistance with the upgrade of the generator controller.

We will:

- Connect and disconnect the temporary generator.
- Provide power to the temporary generator for batteries, block heaters, etc.
- Provide a start/stop control circuit to temporary generator.
- Furnish and install power and communication conduits and wiring to both existing generators, new controllers, and remote panels.
- Perform de-energized maintenance on the generator breakers and cubicles.

Our price for the above is **TWENTY-EIGHT THOUSAND THREE HUNDRED THIRTY-TWO DOLLARS (\$28,332.00)**. Our price is subject to all applicable sales tax unless otherwise directed by your order to proceed. Our price is based on performing the work during straight-time hours, 7:00 a.m. – 3:30 p.m., Monday through Friday, excluding Sundays or holidays.

Adder #1: Generator Relay Replacement.

- Replacement of defective relays.
 - o During our recent preventive maintenance, it was determined that the protection relays associated with the 5,000volt generator breakers no longer work and should be replaced. Currently, you have no protection.

Our price for adder #1 is **\$21,557.00**.

Notes:

- We will perform all work strictly according to Article 70E of the NFPA dealing with the Arc Flash Protection.

We appreciate the opportunity to work with the **Niagara Falls Water Board**.

We await your written authorization of acceptance so that we may begin work on this project in a timely, satisfactory manner.

If there are questions, please do not hesitate to contact me.

Respectfully Submitted,

FERGUSON ELECTRIC SERVICE CO., INC.



Daniel R. Schultz
Electrical Services Manager

**CONSTRUCTION ADMINISTRATION AND INSPECTION ENGINEERING
SERVICES FOR 18TH STREET WATER MAIN REPLACEMENT
BETWEEN WHITNEY AND ONTARIO AVENUES**

WHEREAS, the Niagara Falls Water Board (“Water Board”) has identified the need to replace portions of an existing 20-inch water transmission main along 18th Street, approximately 0.6 miles long and running between Whitney and Ontario Avenues; and

WHEREAS, by way of Resolution 2021-10-005, the Water Board retained CPL as its engineer to prepare the required design and bid specifications for the project; and

WHEREAS, through Resolution 2022-06-001, the Water Board awarded the bid for the construction work, which will replace the existing 20-inch main with a 16-inch PVC main while maintaining the necessary capacity, to 4th Generation Construction, Inc.; and

WHEREAS, 4th Generation Construction is prepared to begin construction in March 2023, and in order to administer the project and to ensure the orderly construction of the project according to the engineered plans, the Water Board requires construction administration and inspection engineering services for the duration of the project; and

WHEREAS, CPL has presented a proposal dated February 20, 2023 to provide the necessary construction-phase engineering services for \$72,500; and

WHEREAS, the Water Board has been awarded a Drinking Water State Revolving Fund Grant (Project No. 18588) which will cover up to 60% of the project cost;

* CONTINUED ON NEXT PAGE *

NOW THEREFORE BE IT

RESOLVED, that on behalf of the Niagara Falls Water Board, its Executive Director hereby is authorized to contract with CPL for construction administration and inspection engineering services for the 18th Street water main replacement project for a total fee not to exceed \$72,500.

Water Board Personnel Responsible for Implementation of this Resolution:
Executive Director

Water Board Budget Line or Capital Plan Item with Funds for this Resolution:
CIP Item W-10, 18th Street Main, Ontario to Whitney Avenue
Capital Line Supplied by: D. Williamson
Funds Confirmed by: B. Majchrowicz

On February 27, 2023, the question of the adoption of the foregoing Resolution was duly put to a vote on roll call, which resulted as follows:

	Yes	No	Abstain	Absent
Board Member Asklar	[]	[]	[]	[]
Board Member Kimble	[]	[]	[]	[]
Board Member Larkin	[]	[]	[]	[]
Board Member Leffler	[]	[]	[]	[]
Chairman Forster	[]	[]	[]	[]

Signed By:

Vote Witnessed By:

Nicholas J. Forster, Chairman

Sean W. Costello, Secretary to Board



February 20, 2023

Chairman Nicholas Forster
Niagara Falls Water Board
5815 Buffalo Avenue
Niagara Falls, NY 14304

**RE: Proposal for Construction Phase Engineering Services
18th Street Water Main Replacement**

Dear Chairman Forster:

We are pleased to submit our proposal to provide construction phase engineering services for replacement of an existing 20" transmission water main along 18th Street (from Whitney Ave. to Ontario Ave.) in the City of Niagara Falls. This project is consistent with the Niagara Falls Water Board (NFWB) Capital Improvement Plan. As you review our proposal, please consider our firm's strengths, which include:

Firsthand Knowledge: CPL has successfully completed water infrastructure projects throughout New York State. This work includes complete municipal water system design, source water development, water treatment, storage and distribution. We are knowledgeable on the latest construction techniques, AWWA guidelines, NYSDOH regulations, and OSHA standards.

Full-Service Capabilities: We are a full-service engineering and architecture firm with nearly 40 licensed professional engineers on staff and over 450 employees. We have the in-house capability to fully support every phase of your project including civil design, bidding, construction management, construction administration and construction inspection. We offer a hands-on approach that ensures each project is completed as designed.

Responsiveness/Proximity: With our office in downtown Buffalo, we can respond efficiently and immediately to project demands and issues as they arise.

Under our previous authorization, CPL has successfully completed, design, permitting, and bidding of the water main replacement project. This proposal is for Construction Phase services.

During construction we will have a full-time construction inspector on site at the jobsite to ensure the project is constructed in substantial conformance with our contract documents.



Our fee for each project is as follows:

18th Street Construction Services

Task 1:	Construction Administration	\$ 24,500.00
Task 2:	Construction Inspection	\$ 45,750.00**
	Total	\$ 72,500.00**

****** Note that Construction Inspection work will be billed hourly at \$110 per hour. We will bill for actual hours worked plus mileage at the federally accepted rate and miscellaneous inspection equipment that will be required.

Thank you for the opportunity to submit our qualifications. I am deeply proud of our ability to provide you with quality service at a fair rate. This is what we do, and we do it well. If you have any questions or require any additional information, please feel free to contact me via email at rhenry@cplteam.com or by phone at 716.852.2100, extension 7579.

Very truly yours,
CPL

A handwritten signature in blue ink, reading "Richard B. Henry III".

Richard B. Henry III, P.E.
President





18th Street Water Main Replacement

Cost Proposal - February 2023

		Hours per Task		
Title	Hourly Rate	Task 1 Construction Administration	Task 2 Construction Inspection	Total
CPL				
Engineering Project Manager	\$150.00	160	0	160
Construction Engineer	\$110.00	0	400	400
Total Hours		160	400	560
Expense		\$500	\$1,750	\$2,250
Total Budget		\$24,500	\$45,750	\$70,250
Total Fee				\$72,500