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AGENDA

Business Meeting of the Niagara Falls Water Board May 22, 2023 at 5:00 p.m.

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

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

1. Preliminary Matters

a. Attendance:

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

Forster (Chairman) ____

Kimble (Board Member) ____

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

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

- 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). Public comments on the Water Board's 2022-2023 Stormwater Management Draft Annual Report also will be accepted during this public comment period.**

- i. Public Notice for Comments on Draft Stormwater Management Annual Report**

- c. **Comments from Chairman Forster**
 - i. **2023 Budgeted Expenses - Expenditures of User Rates, Fees, and Charges Less Debt Service**
 - d. **Presentations (none scheduled)**
 - e. **Letters and Communications**
 - i. **2023-05-18 – COVID Wastewater Surveillance Update Memorandum**
 - f. **Prior Meeting Minutes**
 - i. **Draft April 24, 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**
 - a. **Draft 2022-2023 Stormwater Annual Report**
- 6. **Personnel Items – David San Lorenzo**
 - a. **May 22, 2023 Personnel Actions**
- 7. **Information Technology (IT) – Dr. Abderrahman Zehraoui and Jonathan Joyce**

8. Finance – Brian Majchrowicz

- a. Shutoff Program Update**
- b. Revenue Budget Performance Report through 4/30/2023**
- c. Sewer Fund Expense Budget Performance Report through 4/30/2023**
- c. Water Fund Expense Budget Performance Report through 4/30/2023**
- d. Board Fund Expense Budget Performance Report through 4/30/2023**
- e. Key Bank and Bank on Buffalo Balance Report**
- f. Wilmington Trust Balance Report**
- g. Treasury Account Balance Report**
- h. Budget Amendments Report**
- i. Capital Payments**

9. Questions Regarding April 2023 Operations and Maintenance Report

10. Safety – John Accardo

- a. Fire Department and PERMA Inspections**
- b. Red Cross Training on AED Defibrillators**

11. General Counsel and Secretary – Sean Costello

12. From the Chairman

13. Resolutions

2023-05-001 – AUTHORIZING EXECUTION OF ENGINEERING PLANNING GRANT AGREEMENT FOR LASALLE SANITARY SEWER EVALUATION SURVEY PROJECT

2023-05-002 – WWTP PROJECT 3 CHANGE ORDERS FOR POLYMER SYSTEM INSTRUMENTS AND BELT FILTER PRESS DRIVE MOTORS

- a. Summary of Project 3 Change Orders**
- b. Project 3 Change Order 3-EC-002**
- c. Project 3 Change Order 3-GC-002**

2023-05-003 – AMENDMENT TO WWTP PROJECT 3 ENGINEERING SERVICES AGREEMENT

- a. Arcadis Project 3 Engineering Agreement Amendment Request**

2023-05-004 – AUTHORIZING APPLICATION TO ENVIRONMENTAL FACILITIES CORPORATION FOR BIPARTISAN INFRASTRUCTURE LAW FINANCING TO BE USED FOR WASTEWATER TREATMENT PLANT BIOLOGICAL CONVERSION WORK AND SEQR TYPE II DETERMINATION

2023-05-005 – EMERGENCY SEWER REPAIR AT 1138 FAIRFIELD AVENUE

- a. Cerrone Invoice for April 2023 Emergency Sewer Repair at 1138 Fairfield Avenue**

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).
- 5/16/23: DEC comments on proposed allocation of grant funds received.

2) Whitney Ave. Water Main Replacement

- 5/9/2023: Bid released April 24. Contractors have submitted questions and requested an extension of the bid due date. An addendum is necessary to secure competitive bids has been issued extending the bid deadline to May 31, for award at the June 2023 Board meeting.

3) 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 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.
- 5/17/23: Ground elevation correction work to be scheduled soon.

15. New Business & Additional Items for Discussion

16. Executive Session (if needed)

17. Adjournment of Meeting

Niagara Falls Water Board Stormwater Management Draft Annual Report

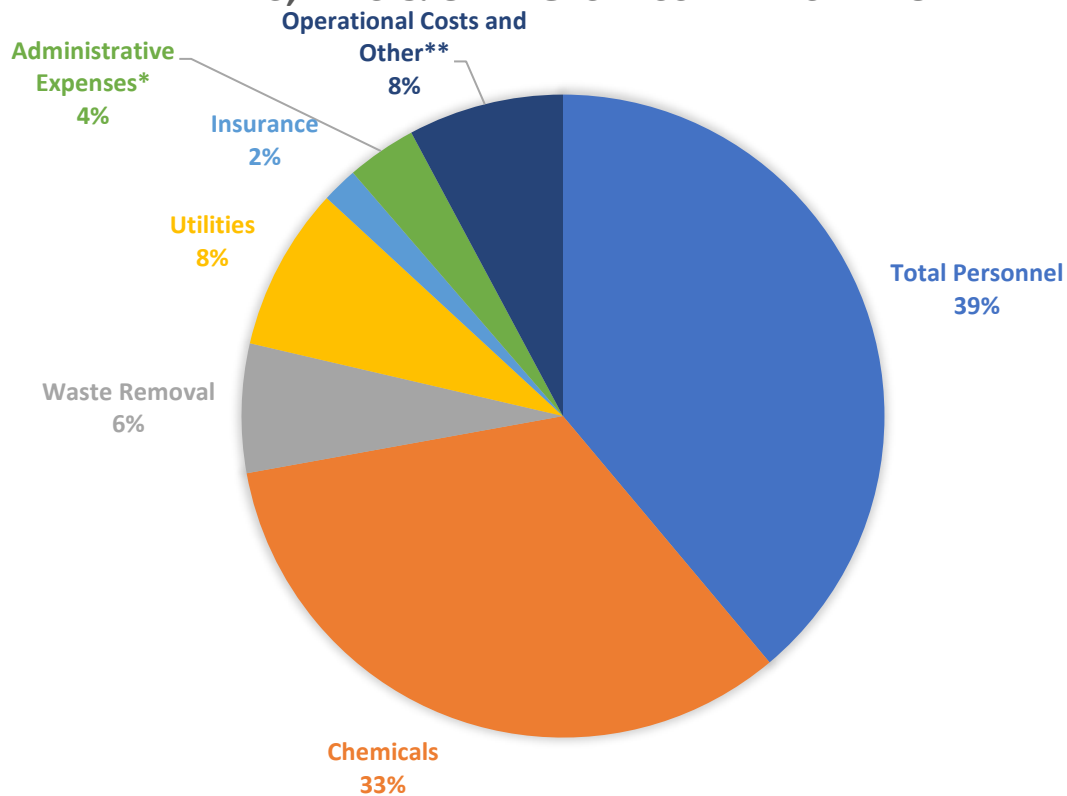
The Niagara Falls Water Board owns and operates a stormwater sewer system serving the City of Niagara Falls area. Authorization to discharge stormwater from this system has been obtained from the New York State Department of Environmental Conservation under a SPDES General Permit for Stormwater Discharges from Municipal Separate Stormwater Sewer Systems (MS4s), No. NYR20A094. One requirement of this permit is the submission of an annual report describing the activities completed during the reporting period. The public is invited to review and comment on the draft annual report for 2022-2023. Copies are available during normal business hours at the following location:

Michael C. O'Laughlin Water Treatment Facility
5815 Buffalo Avenue
Niagara Falls, NY 14304

Written comments on the draft report will be accepted until May 22nd, 2023, and may be directed to Douglas S. Williamson, at the Water Treatment Facility. In addition, public comments on the draft report are invited during the Niagara Falls Water Board meeting on Monday, May 22nd, 2023.

5/12/2023

2023 BUDGETED EXPENSES-EXPENDITURES OF USER RATES, FEES & CHARGES LESS DEBT SERVICE



	<u>2023</u>	<u>Percentage of Total</u>
Total Personnel	\$ 12,599,986	39%
Chemicals	\$ 10,775,000	33%
Waste Removal	\$ 2,100,500	6%
Utilities	\$ 2,664,500	8%
Insurance	\$ 585,000	2%
Administrative Expenses*	\$ 1,137,191	4%
Operational Costs and Other**	\$ 2,534,190	8%
Total	<u>\$ 32,396,367</u>	<u>100%</u>

* Includes Office Supplies, Training, Computer Services & Software, and Professional Services

** Includes Rentals, Auto Expenses, Leases, Tools & Small Equipment, Machinery, Materials, and Undesignated Services

WASTEWATER SURVEILLANCE UPDATE

DASHBOARD | WEBSITE

DATE: May 18, 2023

TO: Niagara County Health Department, Lewiston Master, Niagara Falls, Niagara County 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

All Samples from Niagara County From the last two weeks			
Collection Date	Detection Level	Compared to NYS	Quality Control
Lewiston Master SD			
May 02, 2023	Quantifiable detection	elevated	pass
May 09, 2023	Quantifiable detection	elevated	pass
Niagara Falls STP			
May 02, 2023	Quantifiable detection	elevated	pass
May 09, 2023	Quantifiable detection	elevated	pass
City of Lockport WWTP			
May 02, 2023	Quantifiable detection	elevated	alert ¹
May 08, 2023	Quantifiable detection	elevated	pass
May 09, 2023	Quantifiable detection	elevated	pass
Town of Newfane WWTP			
May 02, 2023	Quantifiable detection	elevated	alert ¹
May 09, 2023	Quantifiable detection	elevated	pass
Niagara County SD #1			
May 02, 2023	Not detected	lesser	pass
May 04, 2023	Not detected	lesser	pass
May 09, 2023	Quantifiable detection	elevated	pass
Somerset-Barker Sewer District			
May 02, 2023	Not detected	lesser	pass
Village of Middleport WWTF			
May 09, 2023	Quantifiable detection	elevated	pass
¹ Our quality control variable (crAssphage) came back with a lower-than-average value (< 10,000), which suggests that we should be cautious when interpreting this sample.			

The trend in SARS-CoV-2 intensity over the past two weeks is:

- **Decreasing** for the population served by the Lewiston Master SD, City of Lockport, Town of Newfane, and Village of Middleport.
- **Increasing** for the population served by the Niagara Falls STP and Niagara County SD #1.

The prediction in hospitalization shows an increase in Niagara County. There is an expected 7-day rolling average 0.19 hospitalizations per 100,000 people attributed to COVID-19 in the next 10 days.

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

¹ We genuinely 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 If you have any questions or concerns, please contact me at lbennett@cdcfoundation.org.

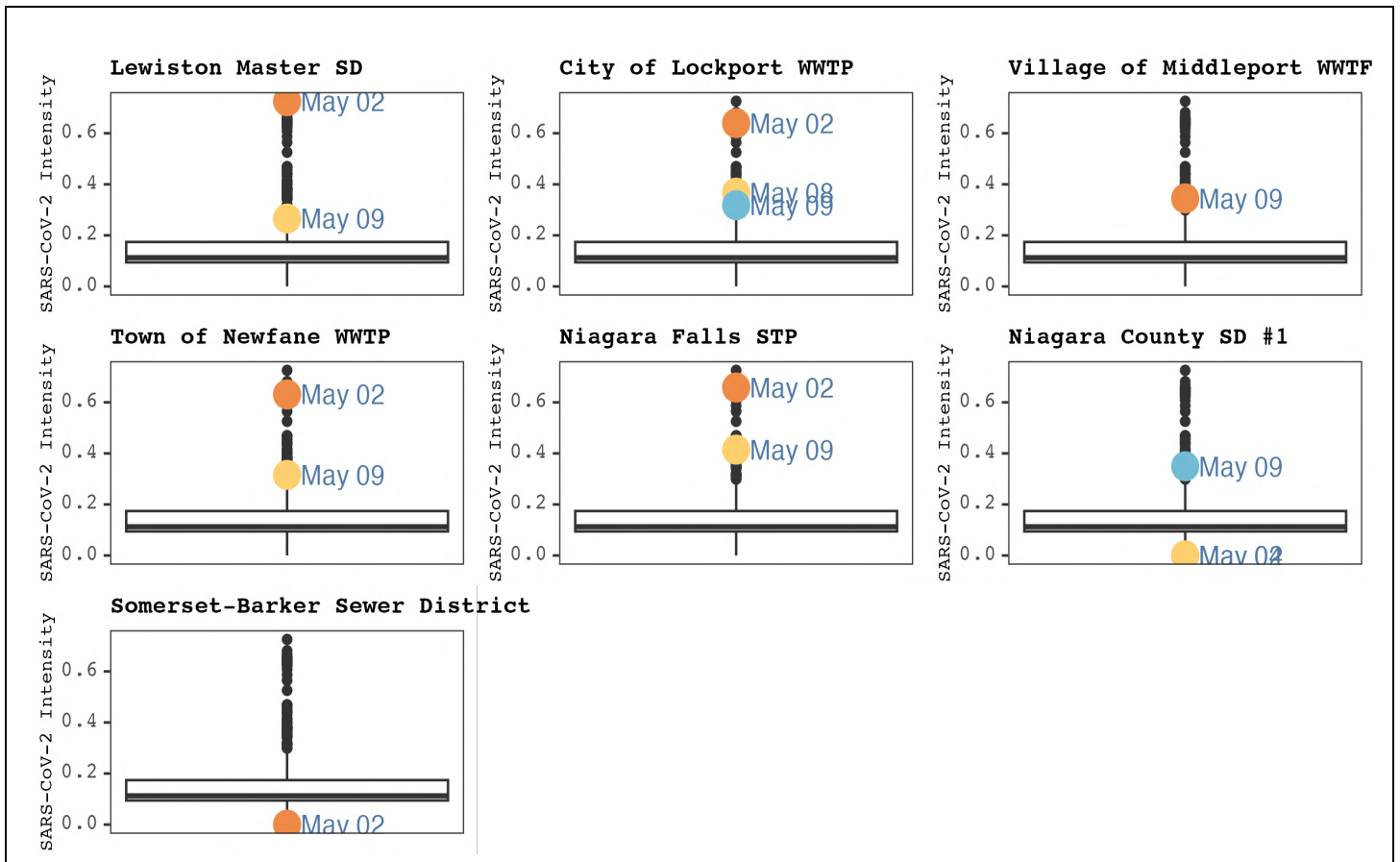


Figure 1: Observed levels of SARS-CoV-2 intensity at each of the Niagara County influents compared to NYS values.

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.

As compared to the rest of the state, the most recent Niagara County samples reveal:

- **Elevated intensity** for the population served by the Lewiston Master SD, City of Lockport WWTP, Village of Middleport WWTF, Town of Newfane WWTP, Niagara Falls STP and Niagara County SD #1 influents
- **Lesser intensity** for the population served by the Somerset-Barker Sewer District influent.

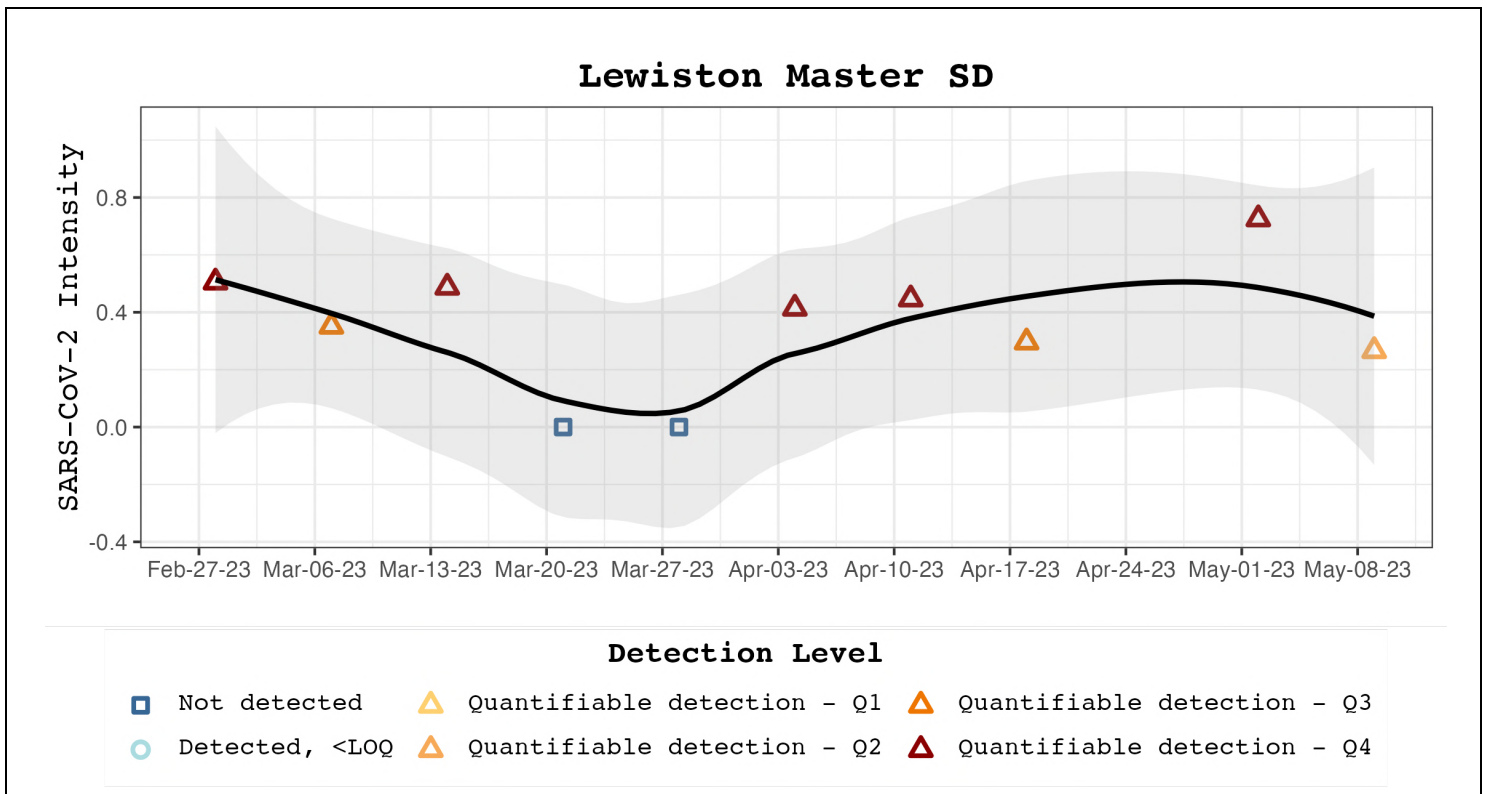


Figure 2: SARS-CoV-2 intensity over time at the Lewiston Master influent.

A smoothed trend line (black), uncertainty (gray band), and wastewater samples (points). 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
 - Quantifiable detections are categorized by quantile values based on historical data. We bin these into four categories: Q1 (0-25%), Q2 (25-50%), Q3 (50-75%), and Q4 (75-100%). The higher the quantile value, the higher state of transmission is occurring relative to past data points within the county.

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

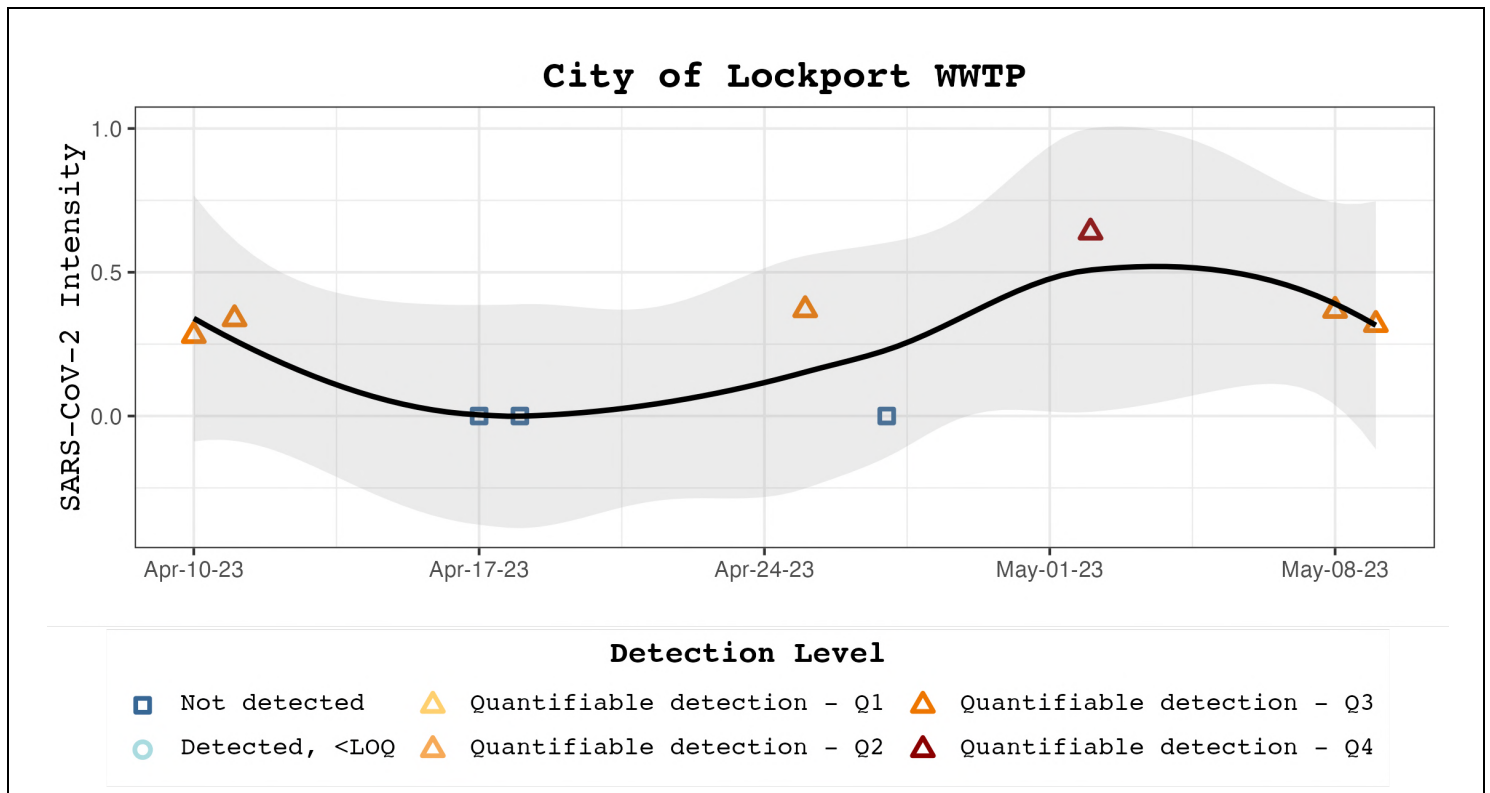


Figure 3: SARS-CoV-2 intensity over time at the City of Lockport influent.

A smoothed trend line (black) 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.

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

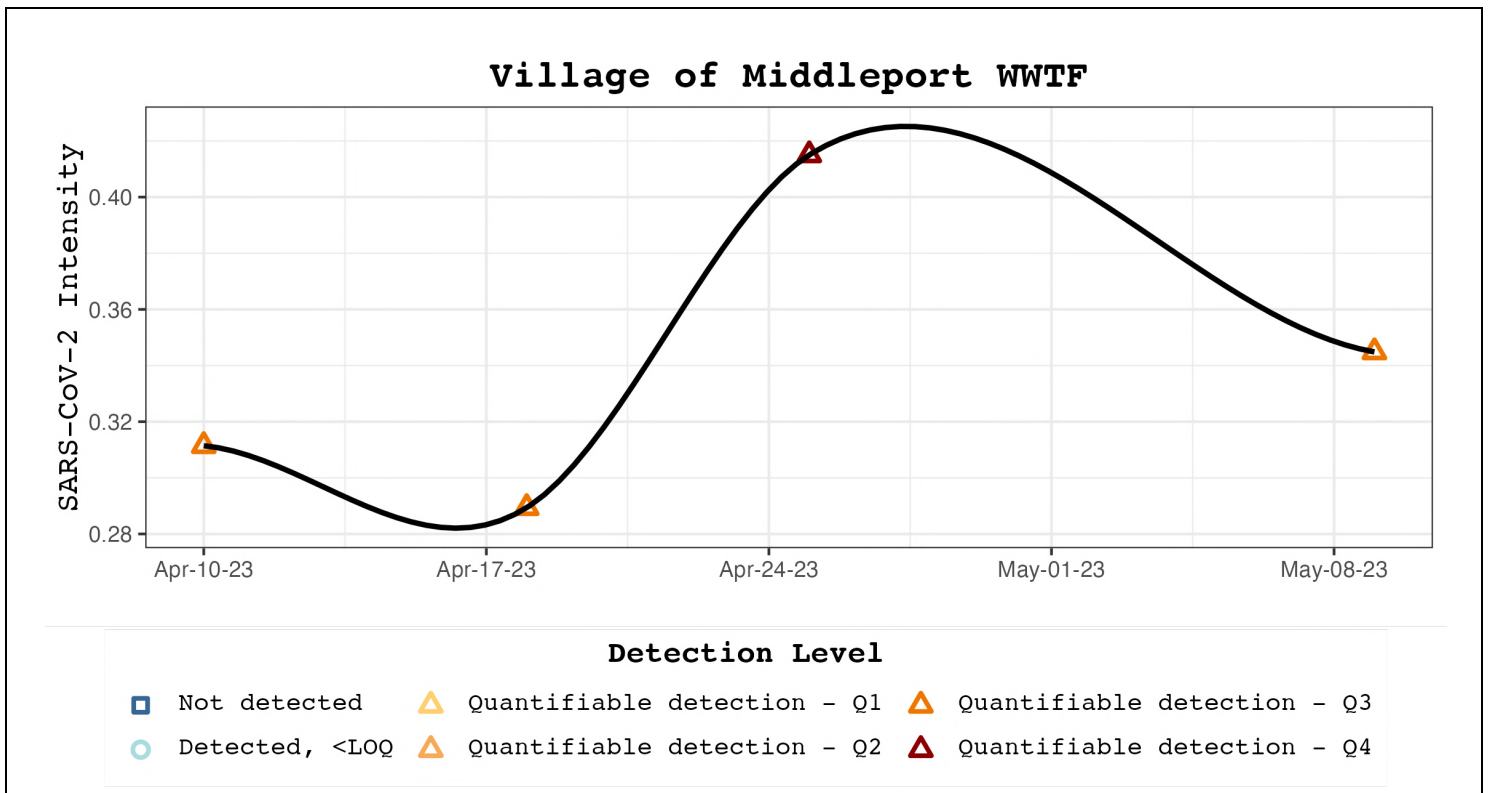


Figure 4: SARS-CoV-2 intensity over time at the Village of Middleport influent.

A smoothed trend line (black), 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.

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

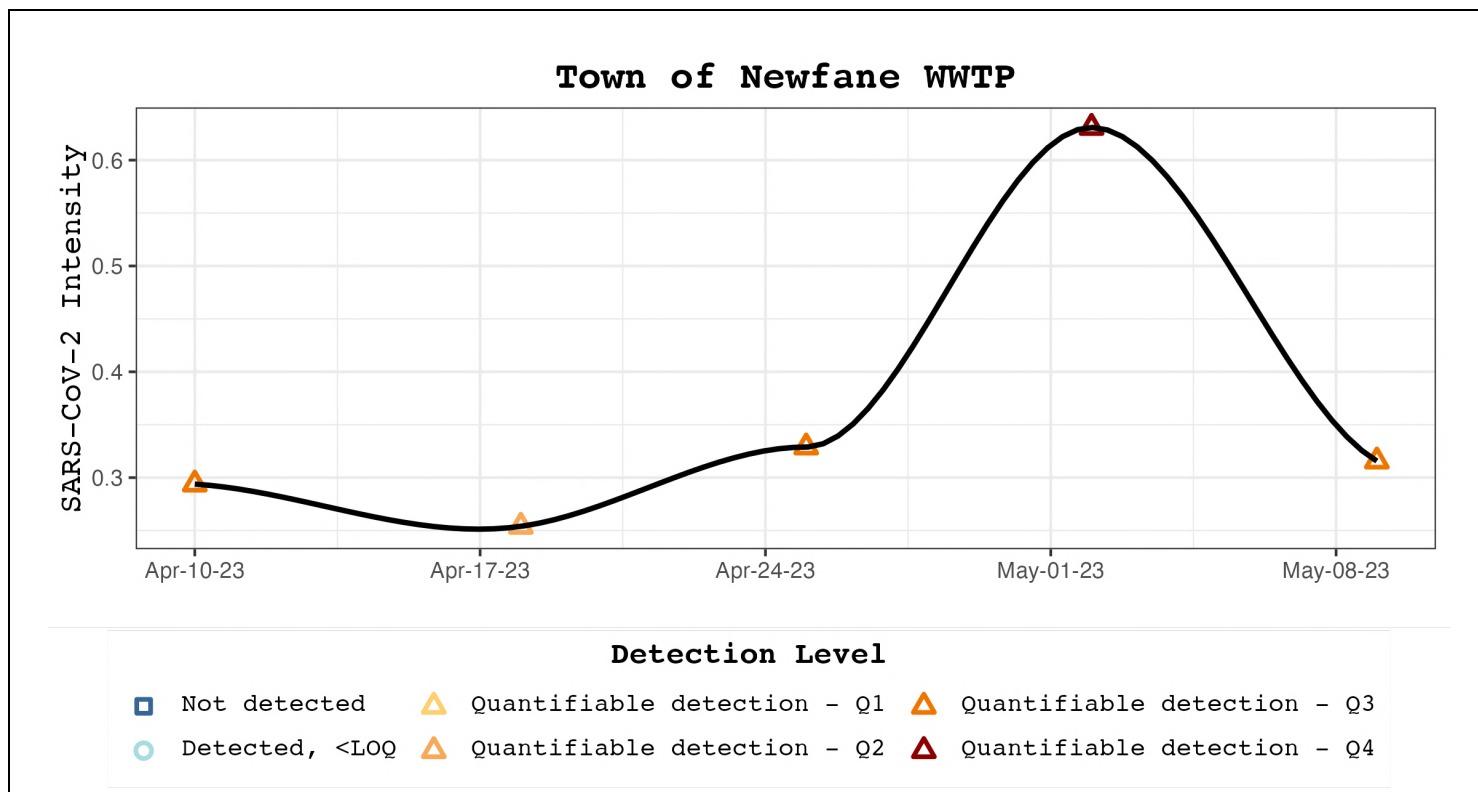


Figure 5: SARS-CoV-2 intensity over time at the Town of Newfane influent.

A smoothed trend line (black), 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.

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

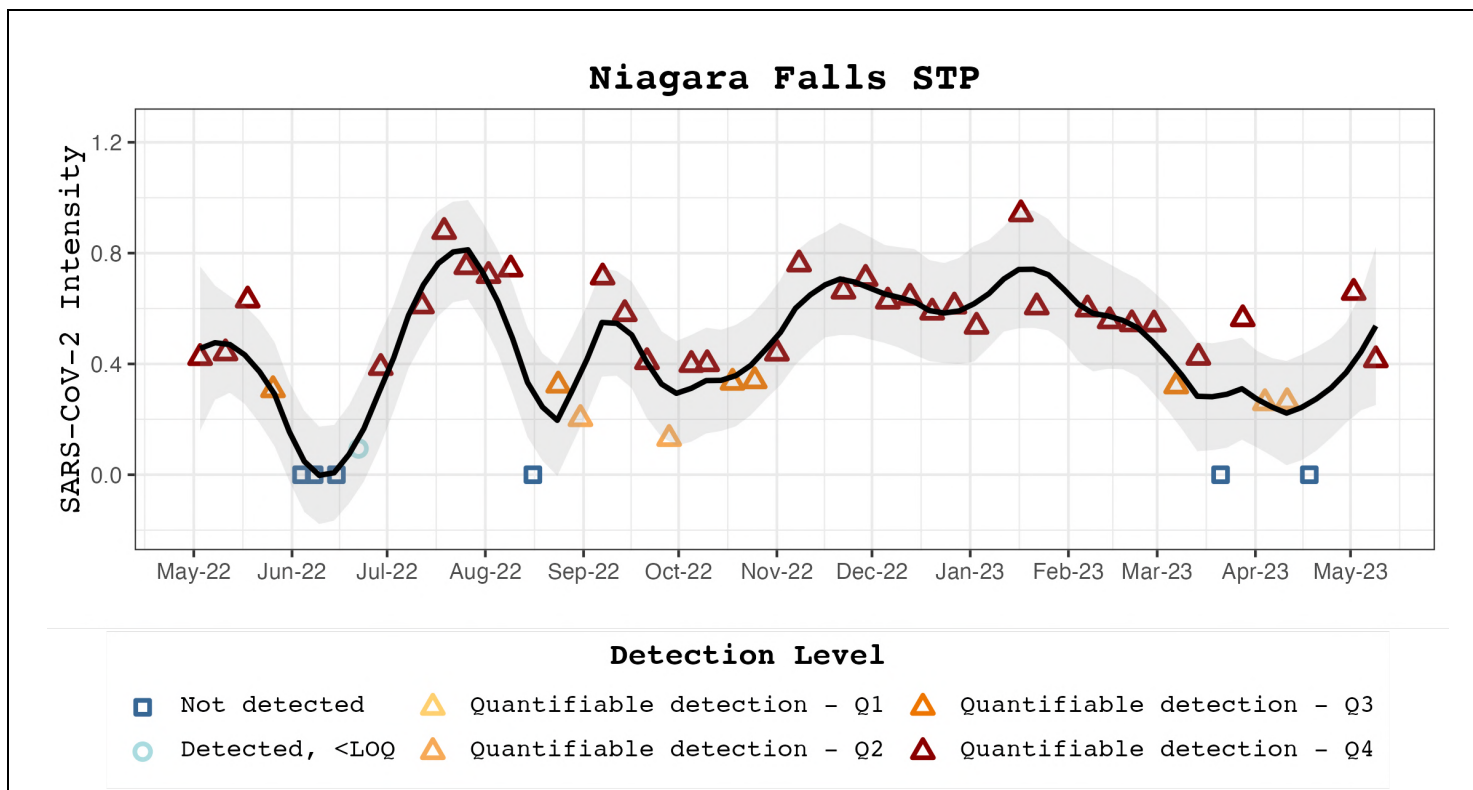


Figure 6: SARS-CoV-2 intensity over time at the Niagara Falls influent.

A smoothed trend line (black), 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.

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Over the past two weeks, the population served by the Niagara Falls STP 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 level of quantifiable detection, suggesting daily case incidence of greater than 50 cases per 100,000 population.

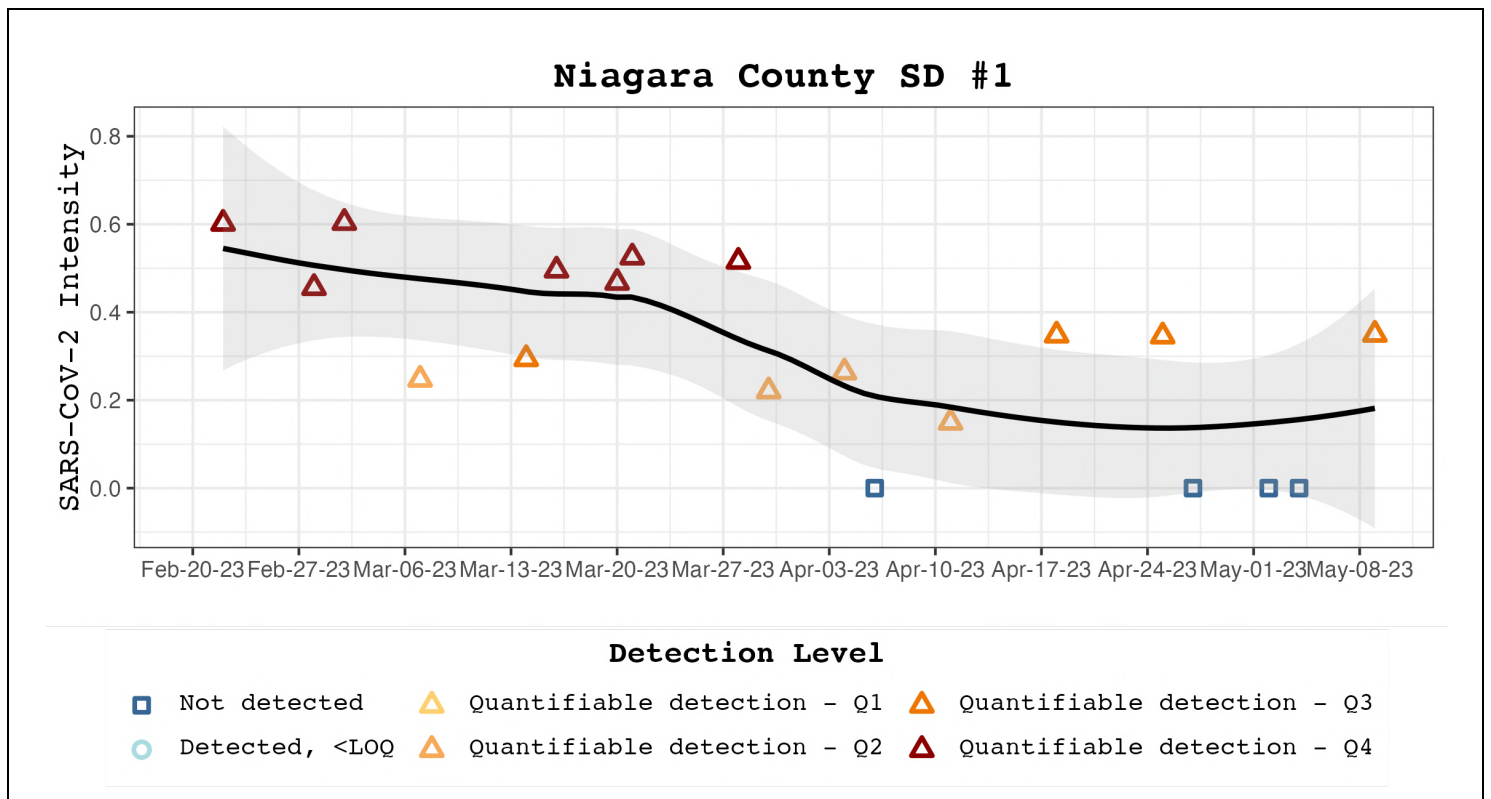


Figure 7: SARS-CoV-2 intensity over time at the Niagara County SD #1 influent.

A smoothed trend line (black), 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.

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Over the past two weeks, the population served by the Niagara County SD #1 influent is experiencing a slightly 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 level of quantifiable detection, suggesting daily case incidence of greater than 50 cases per 100,000 population.

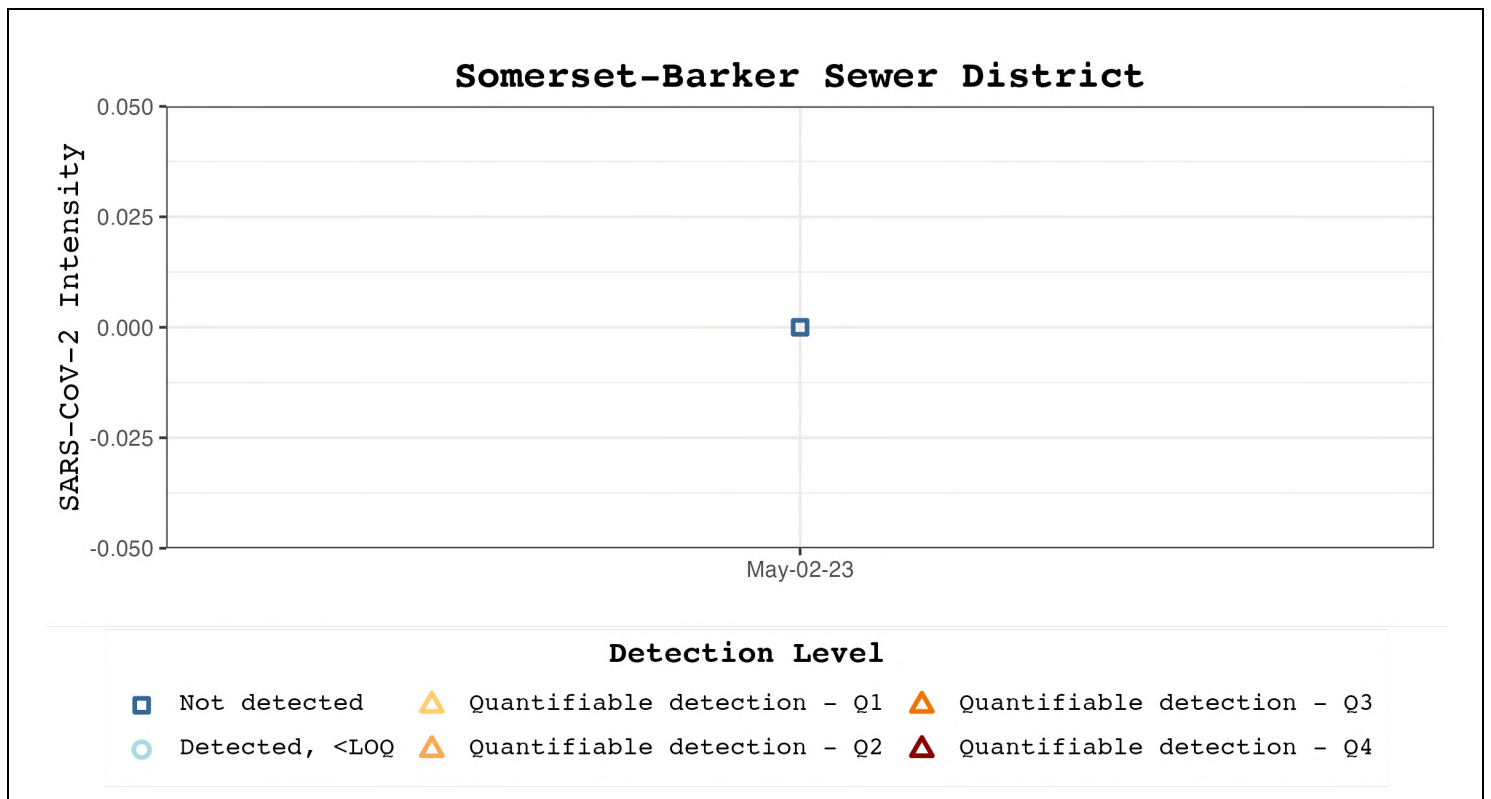


Figure 8: SARS-CoV-2 intensity over time at the Somerset-Barker Sewer District influent.

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.

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 - Quantifiable detections are categorized by quantile values based on historical data. We bin these into four categories: Q1 (0-25%), Q2 (25-50%), Q3 (50-75%), and Q4 (75-100%). The higher the quantile value, the higher state of transmission is occurring relative to past data points within the county.

While it is too early to estimate a trend in SARS-CoV-2 intensity for the population served by the Somerset-Barker Sewer District influent, their initial sample had a non-detection, suggesting daily case incidence of less than 10 cases per 100,000 people.

Niagara County Niagara Falls STP

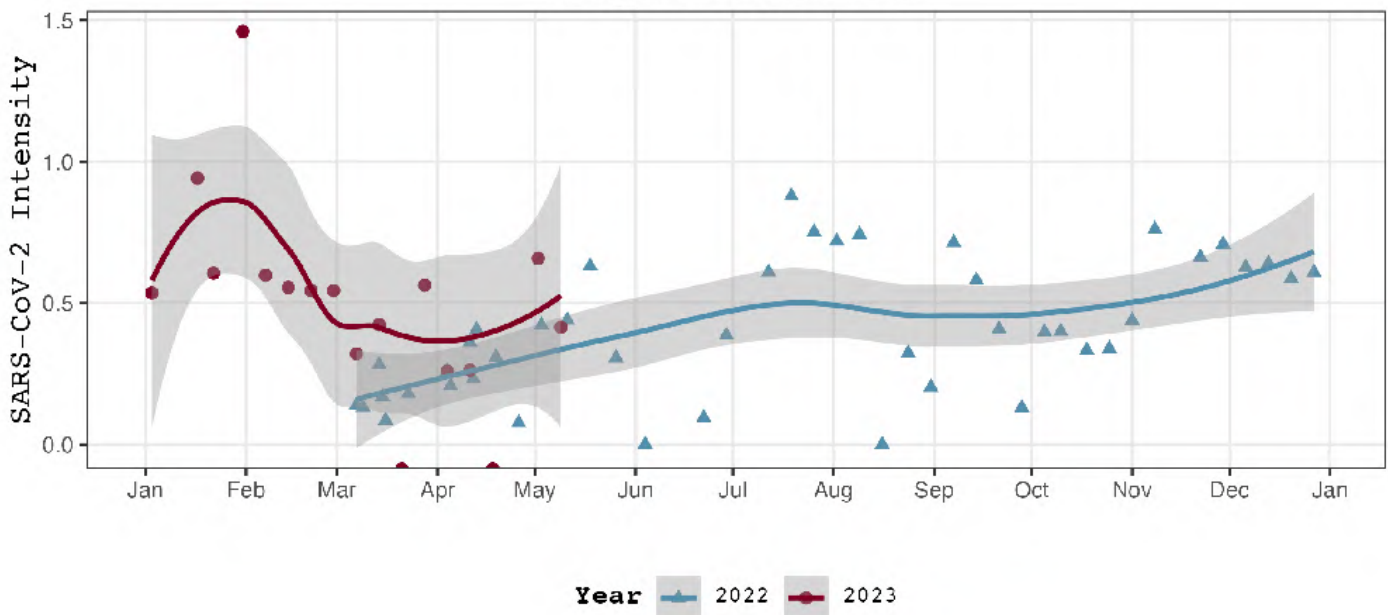


Figure 9: Annual comparison of SARS-CoV-2 intensity for each of the Niagara County sites sampling beyond one year.

Smoothed 2022, and 2023 trend lines, uncertainty (gray bands), and wastewater samples (points) are shown.

- The most recent sample from the Niagara Falls influent reveals **slightly elevated intensity** as compared to the previous year.

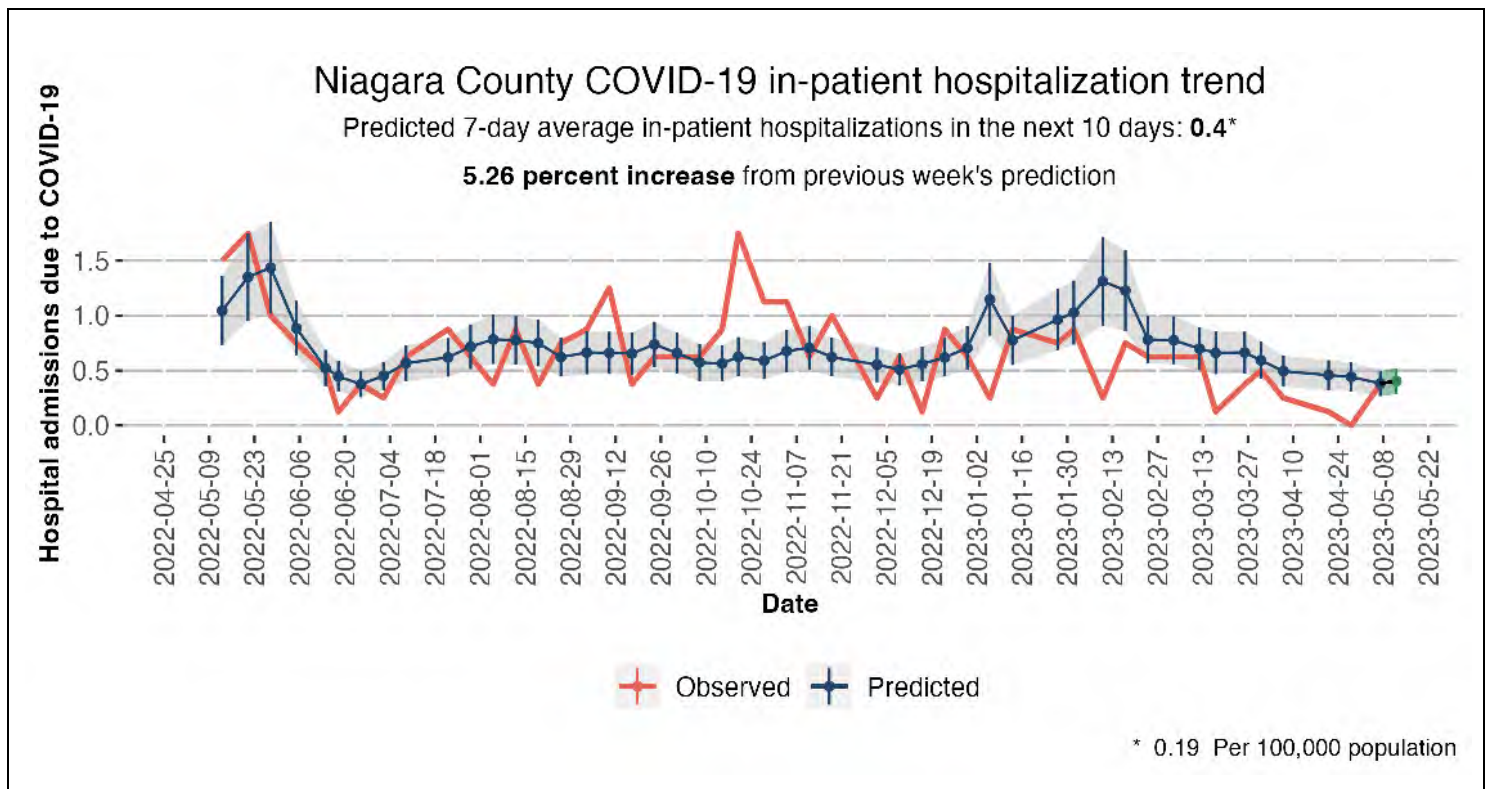


Figure 10: Observed and predicted COVID-19 attributed hospitalization trends for Niagara County.

Predictions are calculated from a generalized linear mixed model that fits wastewater data with a ten-day lag, test positivity, proportion of the county population that has full series of mRNA vaccine, along with several covariates including:

- Population over 50 years old,
- Estimated asthma and cardiovascular disease rate for the county,
- County social vulnerability from the CDC social vulnerability index,
- Whether the day was within one week of a major or minor holiday.

This model makes predictions with new data for future hospital admissions and provides uncertainty around the prediction in the form of the 95% confidence interval (the light gray and green band around the predictions).

Past predictions are in blue with the current prediction in light green. The red line is actual hospital admissions from the Department of Health HERDS or Health Electronic Response System database. These data are up-to-date for most counties. We will update these data and the models as new data are provided.

Estimated new COVID-19 hospitalizations are predictions only and come with several uncertainties including whether new variants have arisen, what the current immunization state of the county is (including booster and bivalent shots or immunity from previous infection), and other factors not captured in the model such as intervention behaviors such as masking. Week to week predictions will vary in their accuracy and the width of the confidence interval around the prediction due to changes in the data.

The current predicted 7-day average hospitalizations for the next 10 days is 0.19 hospitalizations per 100,000 people. This is a 5.26% increase from the previous week's prediction.



MINUTES

Business Meeting of the Niagara Falls Water Board April 24, 2023 at 5:00 p.m.

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

**Meeting could be attended in person
or via videoconference.**

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.) *Absent*

Forster (Chairman) *Present*

Kimble (Board Member) *Present via Videoconference*

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

Leffler (Board Member/Member Exec. Staff Review Cmte.) *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 asked that the Board enter into executive session to discuss matters leading
to the appointment, employment, promotion, demotion, or removal of a particular person.*

Jay Meyers from CPL discussed the Wastewater Treatment Plant Budget Tracker. Mr. Meyers stated Project 1 is ongoing, making progress with Basin 3. For Project 3, Hohl and Mollenberg have been working together on piping. Project 7 is close to completion.

Chairman Forster asked Mr. Meyers to touch on roof replacement at the water plant. Mr. Meyers stated the plans and specifications are done, and the bid should be available soon. He will try to schedule work for the fall, but the best time to bid for roofing is in the winter, as most companies have their schedule set for the year by this time. He recommends patching areas in dire need, and to put out a short-term bid for roof repair at an hourly rate. Chairman Forster asked Dr. Zehraoui and Mr. Meyers work together on this task.

3. System Infrastructure and Operations – Russell DeFranco

Mr. DeFranco stated that after attempting to update and purge old Lucity work orders, it has proven to be a task outside of our capabilities. With over 6,500 work orders, and many tied to employees that created them, deleting a single work order or employee can corrupt the entire system. He has contacted Lucity for help, but their solution would be to send an “Implementor,” which would cost more on top of the \$20,000/year we pay for licensing. Mr. DeFranco recommends using a different program and purging all the information in Lucity. Mr. Morock from IT is currently researching a product from New World, one of our current vendors, to see if it would be more functional, and then start over with work orders from scratch. An asset management program is a necessity for safety and accountability through both plants. He will provide an update at the next Board meeting.

Mr. DeFranco added that the deenergizing the furnace room is now planned to be done in house, which will cost approximately \$8,600, overtime included, versus the previously expected \$127,000 quote from Ferguson for that work. Chairman Forster noted that this space could be used for records storage and to create a consolidated space for the various WWTP maintenance employees.

4. Outside Infrastructure Updates – Michael Eagler

Mr. Eagler stated that the 18th Street project is moving along quickly, except for one pipe that was not a part of this project cracking. Instead of temporarily repairing the 12-foot crack, we will extend the project 192 feet and replace it. The price for this work will be the same as the rest of the main replacement, \$380 per linear foot, which can be covered by contingency money in the contract, and therefore will require a \$0 change order. The project is within budget.

There was a collapse of a 12-inch water main on Fairfield Avenue. The repair job started Friday, April 21, and will be completed by the end of this week.

The Whitney Avenue project will be put out to bid tomorrow, April 25, and it will be presented to the Board for approval at the next business meeting.

Outside Maintenance de-fleeted a vehicle, saving insurance and maintenance costs.

Potholes were filled at the Wastewater Treatment plant with the help of the City of Niagara Falls DPW.

Seth Krull from CPL spoke on the Whitney Avenue water main replacement project. Mr. Krull explained that work will take place on the sidewalks, not the street, as the City just replaced the road last year, and the cost is comparable. There will be 47 trees coming down, including stumps and some roots, and there will be the option to include the replanting of one shallow-rooted tree per property in the bid.

5. Engineering – Douglas Williamson

Mr. Williamson noted there is an engineer coming this Wednesday, April 26, to do an evaluation for the Water Treatment Plant fluoride system study.

The Town of Niagara sewer flow monitoring has been completed, and he is waiting on data to do detailed billing calculations.

Mr. Williamson has advertised the Whitney Avenue water main replacement project in the NYS Contract Reporter.

6. Personnel Items – David San Lorenzo

- a. April 24, 2023 Personnel Actions**
- b. Cyber Insurance Policy Renewal**
- c. Workplace Violence Policy Renewal**

Motion by Board Member Larkin and seconded by Board Member Leffler to approve the April 24, 2023 Personnel Actions.

Asklar __absent__ Forster __Y__ Kimble __Y__ Larkin __Y__ Leffler __Y__

Motion carried, 4-0

Mr. San Lorenzo stated that he and Mr. Costello met with an insurance broker and compared quotes for Cyber Insurance and Workplace Violence Policies. After sending policies out to bid, they were able to secure significant cost savings and increased active shooter coverage.

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

Jonathan Joyce spoke on behalf of IT. Mr. Joyce discussed Mr. DeFranco's recommendation to purge Lucity work orders and start over with a new company. There are several to choose from, and he will not know the cost until it is put out to bid.

A new domain controller was installed at WTP in a new server room with temperature control and humidity sensors. Fiber line was installed today, and it will be tested tomorrow before connecting to the network. This new server will also function as a print server to help provide

centralized printing. NFWB is currently in a lease with two printer vendors until October 2024, but the goal is to have one vendor and printer management software. This software would maintain print jobs and cut down on unnecessary printing.

IT currently is updating all software and cutting off obsolete computers to protect cyber security. According to the security audit, there must be two-factor authentication on any computer that uses a VPN. This will be implemented by June 1.

IT is also working on switching from Verizon One Talk phone service to a new service provider. There will be cost savings and the new phones will tie into a future overhead paging system. Call flow will be reinvented with this new provider. The main phone line will have an automated operator with menu choices, which will cut down on unnecessary and misdirected calls.

8. Finance – Brian Majchrowicz

- a. Shutoff Program Update
- b. Revenue Budget Performance Report through 3/31/2023
- c. Sewer Fund Expense Budget Performance Report through 3/31/2023
- c. Water Fund Expense Budget Performance Report through 3/31/2023
- d. Board Fund Expense Budget Performance Report through 3/31/2023
- e. Key Bank and Bank on Buffalo Balance Report
- f. Wilmington Trust Balance Report
- g. Treasury Account Balance Report
- h. Budget Amendments Report
- i. Capital Payments

The Board discussed the dollar threshold that would trigger a property being placed on the shutoff program. Outside maintenance and finance will meet and produce a plan to implement this year's shutoff program by the next Board meeting.

Mr. Majchrowicz stated they are currently interviewing for the finance secretary position.

9. Questions Regarding March 2023 Operations and Maintenance Report

10. Safety – John Accardo

Mr. Accardo stated the Niagara Falls Fire Department will be doing their annual inspection on May 3. PERMA will be doing inspections on May 16 and 17.

11. General Counsel and Secretary – Sean Costello

12. From the Chairman

13. Resolutions

Chairman Forster asked the Board to vote to consider a resolution received after the agenda deadline, Resolution No. W2023-04-007 – Non-Revenue Water.

Motion by Board Member Leffler and seconded by Board Member Larkin to “walk on” Resolution No. W2023-04-007 – Non-Revenue Water.

Asklar __absent__ Forster __Y__ Kimble __Y__ Larkin __Y__ Leffler __Y__

Motion carried, 4-0.

2023-04-001 – DIRECTING ISSUANCE OF POLICY AND PROCEDURE FOR ON CALL EXECUTIVE STAFF IN THE EVENT THE EXECUTIVE DIRECTOR IS UNAVAILABLE

- a. 2023-03-28 Draft Policy and Procedure for On Call Executive Staff in the Event the Executive Director is Unavailable

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

Asklar __absent__ Forster __Y__ Kimble __Y__ Larkin __Y__ Leffler __Y__

Motion carried, 4-0.

2023-04-002 – AUTHORIZING PROCUREMENT OF 20 INCH SLANTED DISC CHECK VALVE FOR WTP BACKWASH PIPING

- a. 2023-04-05 - DeZurik Quote for 20 Inch Slanting Disc Check Valve

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

Asklar __absent__ Forster __Y__ Kimble __Y__ Larkin __Y__ Leffler __Y__

Motion carried, 4-0.

2023-04-003 – AWARD OF BID FOR CONEQTEC MANHOLE CUTTER

- a. 2023-04-12 - City Purchasing Award Recommendation and Bid Tally for Bid W2023-02, Manhole Cutter

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

Asklar __absent__ Forster __Y__ Kimble __Y__ Larkin __Y__ Leffler __Y__

Motion carried, 4-0.

2023-04-004 – PROCUREMENT OF FIRE HYDRANTS AND PARTS

- a. K&S Quotation for Hydrants
- b. Core and Main Quotation for Hydrant Parts

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

Asklar __absent__ Forster __Y__ Kimble __Y__ Larkin __Y__ Leffler __Y__

Motion carried, 4-0.

2023-04-005 – APPROVE AND ACCEPT 2022 AUDIT AND INVESTMENT REPORTS

- a. 2022 Audited Financial Statements and Independent Auditor's Report
- b. 2022 Audited Financial Statements - Report to the Board
- c. 2022 Management Letter
- d. 2022 Investment Compliance Report

Chairman Forster noted that the portion of the Management Letter regarding water loss control seems to him to be misleading because of the Water Board's progress in reducing non-revenue water over the past few years and because due consideration of unmetered water for fire suppression and other purposes seems to be lacking. He further notes that some of the unbilled water likely is due to theft or problems with meter accuracy. The WTP production has decreased by 5 million gallons per day in 2022, a remarkable achievement, but the auditors made no mention of this important fact. He therefore will vote to accept and approve the audit, but under protest with respect to that matter.

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

Asklar __absent__ Forster __Y__ Kimble __Y__ Larkin __Y__ Leffler __Y__

Motion carried, 4-0.

2023-04-006 – ANNUAL REVIEW OF PROCUREMENT AND INVESTMENT POLICIES AND ADOPTION OF REVISIONS

- a. Track Changes 2023-04-13 - Draft Revision to NFWB Procurement Policy v1.7
- b. 2021-12-13 Adopted NFWB Investment Policy

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

Asklar __absent__ Forster __Y__ Kimble __Y__ Larkin __Y__ Leffler __Y__

Motion carried, 4-0.

W2023-04-007 – NON-REVENUE WATER

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

Asklar __absent__ Forster __Y__ Kimble __Y__ Larkin __Y__ Leffler __Y__

Motion carried, 4-0.

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.
- 4/13/23: Revised Phase II memorandum received from CPL on 4/10/23 – anticipated to be reviewed and submitted for DEC review by end of month.

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.
- 4/13/23: Bid opening May 15, anticipated for award at May 22 Board meeting.

3) 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 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.
- 3/13/23: Soft ground conditions, will complete above work when possible. Also will use fill already on the property to widen the driveway around the freeze-thaw beds.
- 4/13/23: Ground remains too soft for work.

15. New Business & Additional Items for Discussion

16. Executive Session (if needed)

Conducted earlier in the meeting.

17. Adjournment of Meeting

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

Asklar __absent__ Forster __Y__ Kimble __Y__ Larkin __Y__ Leffler __Y__

Motion carried, 4-0.



Niagara Falls Water Board (NFWB) Overall Project Budget Summary (Phase 1 Overall Budget = \$27M)

Last Updated: 5/10/2023

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 #3.
			CA & CI (CPL - Approved)	\$470,000	53%	
			GEN Construction (Hohl - Per Bid - Approved)	\$7,836,250	73%	
			ELEC Construction (CIR - Per Bid - Approved)	\$922,769	74%	
			Project Total	\$9,638,019	73%	
			Remaining Budget	\$751,981		
2	GPS	\$4,100,000	Design and Bidding (GHD - Approved)	\$218,800	100%	GHD provided report and preliminary estimate of cost. RFP for design and bidding services is being drafted.
			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. Arcadis, Hohl, and Alfa Laval provided information on the BFP change order
			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

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: 5 - 10 - 23

Updated: 5 - 10 - 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	Project Complete																																			
Construction	7/1/2020	3/31/2023	Project Complete																																			
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	6/1/2023																																				
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	6/1/2023																																				
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	6/1/2023																																				
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	Project Complete																																			
Construction	4/1/2021	2/1/2023	Project Complete																																			
Project #12 Int. Pump Improvements (GHD)																																						
Design	3/23/2022	8/23/2022 (RFP Pending)																																				
			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: 5/8/23

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. 18th Street under construction. Whitney Ave in bid process. 77th Street under design.
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. 18th Street under construction. Whitney Ave in bid process. 77th Street under design.
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. Email sent to DEC 5/4/23 requesting projects to use remaining funds for. Awaiting DEC response.
LaSalle Sewer Area Phase 2 system report update & flow monitoring	\$250,000 total \$100,000 grant \$150,000 NFWB Match	NYSDEC Engineering Planning Grant	Application submitted 7/30/21. Grant awarded December 2021. May 2022 conference call with NFWB, DEC and EFC. NYS okay with revised schedule. EFC approved Arcadis agreement 3/13/23.
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. 4/25/23 conf call with NFWB, EFC and DEC to discuss missing items.

NFWB Financial Award Summary

Last Updated: 5/8/23

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. Provide remaining paperwork to NYS once study complete.
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 sent missing items letter 3/2/23 and request response by 3/31/23. 4/25/23 conf call with NFWB, EFC and DEC to discuss missing items.
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 and request response by 2/28/23. 4/25/23 conf call with NFWB, EFC and DEC to discuss missing items.
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 sent missing items letter 2/10/23 and request response by 3/10/23. 4/25/23 conf call with NFWB, EFC and DEC to discuss missing items.

NFWB Financial Award Summary

Last Updated: 5/8/23

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. NFWB interested in adding to Water Plant front parking lot. 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. Meeting between NFWB, EFC and DEC 4/26/23 to discuss conversion. From meeting, CPL to work with NFWB for financial application to EFC by 6/16/23 to access the \$20 million BIL funding that is currently listed on the IUP. Bond Resolution needed.
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. DOH to announce program awards after 3/10/23. NFWB is listed on Intended Use Plan.
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: 5/8/23

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 July 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 July 2023.

NFWB Financial Award Summary

Last Updated: 5/8/23

Note: Changes from last summary are in red text



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, May 22, 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.
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A. PERSONNEL ACTIONS RECOMMEND TO HIRE				
Line Item Number	Position	Department/Location	Pay Rate or Grade	ADDITIONAL INFORMATION
1	Cross Connection Inspector	Enforcement	\$49,797/Yearly	Succession Planning
2	Temporary Summer Help (Intern) Mechanical Engineering	Engineering	\$9,000 (Not to Exceed for Summer 2023)	June 1 to August 31, 2023 Dir. Tech. and Reg. Svcs. on various projects Assist

B. RECOMMENDED PROMOTION / MOVE / APPOINTMENT				
Line Item Number	Name and Position	Type of labor move	Change in pay rate or grade	ADDITIONAL INFORMATION

C. PREVIOUSLY TABLED PERSONNEL ACTIONS (From 2021)				
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
Shift Operations Supervisor	1/3/2023	WWTP Operations	Unknown	FMLA
CDT Trainee	2/15/2023	Distribution and Collection	Unknown	FMLA
Cross Connection Inspector	5/10/2023	Enforcement	Unknown	Workers Comp

Revenue Budget Performance Report

Fiscal Year to Date 04/30/23

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	2,620.00	.00	12,700.00	37,300.00	25	16,205.00
2140.001	District 1	2,101,006.00	.00	2,101,006.00	508,285.64	.00	978,792.16	1,122,213.84	47	337,435.14
2140.002	District 2	2,546,082.00	.00	2,546,082.00	1,146.88	.00	543,038.97	2,003,043.03	21	3,052.35
2140.003	District 3	1,909,562.00	.00	1,909,562.00	2,356.60	.00	456,066.93	1,453,495.07	24	141,616.11
2140.004	Non-Resident	42,000.00	.00	42,000.00	.00	.00	13,003.62	28,996.38	31	8,566.59
2140.005	Industrial	3,591,522.00	.00	3,591,522.00	554,234.25	.00	1,150,182.22	2,441,339.78	32	278,032.34
2140.006	Industrial SIU	3,189,405.00	.00	3,189,405.00	630,495.04	.00	1,284,615.87	1,904,789.13	40	691,496.27
2140.008	Hydrant Usage	6,000.00	.00	6,000.00	.00	.00	336.17	5,663.83	6	508.35
2140.599	Miscellaneous Departmental Incom	5,000.00	.00	5,000.00	.00	.00	1,350.00	3,650.00	27	750.00
2141.000	Allowance for Unpaid Trfd	(125,000.00)	.00	(125,000.00)	.00	.00	18,392.27	(143,392.27)	-15	19,762.63
2144.003	Fire Service	91,000.00	.00	91,000.00	.00	.00	.00	91,000.00	0	.00
2144.005	Service Charge	455,000.00	.00	455,000.00	55,745.40	.00	168,383.71	286,616.29	37	168,043.80
2144.006	Lab Analysis	35,000.00	.00	35,000.00	703.00	.00	8,738.07	26,261.93	25	8,739.50
2144.008	Missing Meter Charge	25,000.00	.00	25,000.00	3,631.00	.00	9,878.00	15,122.00	40	6,549.00
2144.009	Mtr Install/Reinstall/Reactivate	5,000.00	.00	5,000.00	450.00	.00	1,525.00	3,475.00	30	1,375.00
2144.010	Final Meter Read/Inspect	18,000.00	.00	18,000.00	1,250.00	.00	4,375.00	13,625.00	24	6,050.00
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	450.00	.00	3,080.00	4,420.00	41	2,640.00
2148.001	District 1	78,928.00	.00	78,928.00	24,248.40	.00	38,560.99	40,367.01	49	33,815.97
2148.002	District 2	49,005.00	.00	49,005.00	(35.43)	.00	8,855.32	40,149.68	18	8,315.48
2148.003	District 3	65,561.00	.00	65,561.00	(2.58)	.00	36,815.92	28,745.08	56	26,333.69
2148.004	Non-Resident	2,178.00	.00	2,178.00	.00	.00	157.01	2,020.99	7	89.70
2148.005	Industrial	16,549.00	.00	16,549.00	7,664.86	.00	12,038.19	4,510.81	73	6,626.79
2148.006	Industrial SIU	7,638.00	.00	7,638.00	.00	.00	.00	7,638.00	0	.00
2148.599	Penalty - Miscellaneous	4,460.00	.00	4,460.00	.03	.00	.12	4,459.88	0	1.33
	<i>Departmental Income Totals</i>	\$14,176,696.00	\$0.00	\$14,176,696.00	\$1,793,243.09	\$0.00	\$4,750,885.54	\$9,425,810.46	34%	\$1,766,005.04
	<i>Intergovernmental Charges</i>									
2230.A	City of Niag Falls-Generl	230,102.00	.00	230,102.00	.00	.00	.00	230,102.00	0	.00
	<i>Intergovernmental Charges Totals</i>	\$230,102.00	\$0.00	\$230,102.00	\$0.00	\$0.00	\$0.00	\$230,102.00	0%	\$0.00
	<i>Use Of Money & Property</i>									
2401.000	Interest Earnings	25,000.00	.00	25,000.00	9,067.90	.00	96,907.59	(71,907.59)	388	(2,626.96)
	<i>Use Of Money & Property Totals</i>	\$25,000.00	\$0.00	\$25,000.00	\$9,067.90	\$0.00	\$96,907.59	(\$71,907.59)	388%	(\$2,626.96)
	<i>Licenses And Permits</i>									
2550.006	Cellular Towers	230,000.00	.00	230,000.00	16,085.65	.00	64,195.53	165,804.47	28	73,081.48
2590.004	Hydrant Permits & Rentals	12,000.00	.00	12,000.00	.00	.00	1,725.64	10,274.36	14	2,988.32
	<i>Licenses And Permits Totals</i>	\$242,000.00	\$0.00	\$242,000.00	\$16,085.65	\$0.00	\$65,921.17	\$176,078.83	27%	\$76,069.80
	<i>Sale Of Prop/Cmp For Loss</i>									
2650.000	Sale Of Scrap	10,000.00	.00	10,000.00	1,864.28	.00	2,394.89	7,605.11	24	8,257.62

Revenue Budget Performance Report

Fiscal Year to Date 04/30/23

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
	<i>Sale Of Prop/Cmp For Loss Totals</i>	\$12,723.00	\$0.00	\$12,723.00	\$1,864.28	\$0.00	\$2,394.89	\$10,328.11	19%	\$8,257.62
	<i>Misc Local Sources</i>									
2701.000	Refund Appro Exp Prior Yr	.00	.00	.00	.00	.00	(1,454.50)	1,454.50	+++	1,124.55
2770.001	NSF Check Charge	8,000.00	.00	8,000.00	875.00	.00	3,185.00	4,815.00	40	2,415.00
2770.599	Undesignated	5,000.00	.00	5,000.00	.00	.00	.00	5,000.00	0	3,063.50
	<i>Misc Local Sources Totals</i>	\$13,000.00	\$0.00	\$13,000.00	\$875.00	\$0.00	\$1,730.50	\$11,269.50	13%	\$6,603.05
	<i>Interfund Revenues</i>									
2801.GA	Interfd Rev WtrBd-Sewr	.00	.00	.00	51,450.46	.00	191,331.46	(191,331.46)	+++	155,477.04
	<i>Interfund Revenues Totals</i>	\$0.00	\$0.00	\$0.00	\$51,450.46	\$0.00	\$191,331.46	(\$191,331.46)	+++	\$155,477.04
	REVENUE TOTALS	\$14,699,521.00	\$0.00	\$14,699,521.00	\$1,872,586.38	\$0.00	\$5,109,171.15	\$9,590,349.85	35%	\$2,009,785.59
Fund	FA - Water Board - Water Totals	\$14,699,521.00	\$0.00	\$14,699,521.00	\$1,872,586.38	\$0.00	\$5,109,171.15	\$9,590,349.85		\$2,009,785.59

Revenue Budget Performance Report

Fiscal Year to Date 04/30/23
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									
	Misc Local Sources									
2770.599	Undesignated	.00	.00	.00	.00	.00	.00	.00	+++	(1,593,255.15)
	Misc Local Sources Totals	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	+++	(\$1,593,255.15)
	REVENUE TOTALS	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	+++	(\$1,593,255.15)
Fund	FGA - Water Authority Totals	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00		(\$1,593,255.15)

Revenue Budget Performance Report

Fiscal Year to Date 04/30/23

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	2,732,467.00	.00	2,732,467.00	676,591.13	.00	1,302,920.77	1,429,546.23	48	452,407.88
2120.002	District 2	3,329,002.00	.00	3,329,002.00	1,518.08	.00	720,414.90	2,608,587.10	22	3,933.34
2120.003	District 3	2,504,700.00	.00	2,504,700.00	3,172.55	.00	606,599.71	1,898,100.29	24	186,338.80
2120.005	Industrial CSIRU	5,079,433.00	.00	5,079,433.00	722,046.64	.00	1,666,965.90	3,412,467.10	33	341,782.97
2120.006	Industrial SIU	10,438,936.00	.00	10,438,936.00	1,102,076.78	.00	3,616,718.38	6,822,217.62	35	1,103,640.68
2120.008	Hydrant Usage	10,000.00	.00	10,000.00	.00	.00	445.03	9,554.97	4	672.19
2120.102	Town Of Niagara	1,098,067.00	.00	1,098,067.00	272,716.76	.00	432,127.55	665,939.45	39	294,230.23
2122.001	Visual Inspections	.00	.00	.00	.00	.00	.00	.00	+++	(120.00)
2122.002	Dye Tests	50,000.00	.00	50,000.00	2,520.00	.00	12,600.00	37,400.00	25	16,325.00
2128.001	District 1	98,024.00	.00	98,024.00	32,400.65	.00	51,394.01	46,629.99	52	44,591.03
2128.002	District 2	70,017.00	.00	70,017.00	.00	.00	11,682.64	58,334.36	17	10,837.83
2128.003	District 3	86,948.00	.00	86,948.00	(5.32)	.00	48,469.32	38,478.68	56	34,900.81
2128.005	Industrial	19,095.00	.00	19,095.00	11,721.21	.00	17,754.66	1,340.34	93	9,769.21
2128.006	Industrial SIU	20,368.00	.00	20,368.00	1,356.05	.00	1,475.72	18,892.28	7	8,856.81
2141.000	Allowance for Unpaid Trfd	(125,000.00)	.00	(125,000.00)	.00	.00	23,103.89	(148,103.89)	-18	26,851.73
	<i>Departmental Income Totals</i>	\$25,412,057.00	\$0.00	\$25,412,057.00	\$2,826,114.53	\$0.00	\$8,512,672.48	\$16,899,384.52	33%	\$2,535,018.51
	<i>Use Of Money & Property</i>									
2401.000	Interest Earnings	25,000.00	.00	25,000.00	9,067.91	.00	96,907.59	(71,907.59)	388	(2,626.98)
	<i>Use Of Money & Property Totals</i>	\$25,000.00	\$0.00	\$25,000.00	\$9,067.91	\$0.00	\$96,907.59	(\$71,907.59)	388%	(\$2,626.98)
	<i>Licenses And Permits</i>									
2590.006	SIU 5-Yr Permits	5,000.00	.00	5,000.00	.00	.00	.00	5,000.00	0	1,000.00
	<i>Licenses And Permits Totals</i>	\$5,000.00	\$0.00	\$5,000.00	\$0.00	\$0.00	\$0.00	\$5,000.00	0%	\$1,000.00
	<i>Fines And Forfeits</i>									
2620.000	Forfeitures Of Deposits	500.00	.00	500.00	.00	.00	.00	500.00	0	.00
	<i>Fines And Forfeits Totals</i>	\$500.00	\$0.00	\$500.00	\$0.00	\$0.00	\$0.00	\$500.00	0%	\$0.00
	<i>Sale Of Prop/Cmp For Loss</i>									
2650.000	Sale Of Scrap	5,000.00	.00	5,000.00	448.50	.00	448.50	4,551.50	9	2,937.47
	<i>Sale Of Prop/Cmp For Loss Totals</i>	\$5,000.00	\$0.00	\$5,000.00	\$448.50	\$0.00	\$448.50	\$4,551.50	9%	\$2,937.47
	<i>Misc Local Sources</i>									
2701.000	Refund Appro Exp Prior Yr	.00	.00	.00	.00	.00	(12,987.36)	12,987.36	+++	2,467.98
2770.599	Undesignated	25,000.00	.00	25,000.00	.00	.00	21,557.34	3,442.66	86	17,398.28
	<i>Misc Local Sources Totals</i>	\$25,000.00	\$0.00	\$25,000.00	\$0.00	\$0.00	\$8,569.98	\$16,430.02	34%	\$19,866.26
	<i>Interfund Revenues</i>									
2801.F	Interfd Rev Fr Water	.00	.00	.00	123,294.85	.00	251,118.35	(251,118.35)	+++	170,571.16
	<i>Interfund Revenues Totals</i>	\$0.00	\$0.00	\$0.00	\$123,294.85	\$0.00	\$251,118.35	(\$251,118.35)	+++	\$170,571.16
	REVENUE TOTALS	\$25,472,557.00	\$0.00	\$25,472,557.00	\$2,958,925.79	\$0.00	\$8,869,716.90	\$16,602,840.10	35%	\$2,726,766.42
Fund	GA - Water Board - Sewer Totals	\$25,472,557.00	\$0.00	\$25,472,557.00	\$2,958,925.79	\$0.00	\$8,869,716.90	\$16,602,840.10		\$2,726,766.42

Revenue Budget Performance Report

Fiscal Year to Date 04/30/23

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	.00	.00	76,174.10	623,825.90	11	140,230.87
	<i>Use Of Money & Property Totals</i>	\$700,000.00	\$0.00	\$700,000.00	\$0.00	\$0.00	\$76,174.10	\$623,825.90	11%	\$140,230.87
	<i>Sale Of Prop/Cmp For Loss</i>									
2675.000	Gain on Disposal of Assets	.00	.00	.00	.00	.00	.00	.00	+++	16,250.60
	<i>Sale Of Prop/Cmp For Loss Totals</i>	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	+++	\$16,250.60
	<i>Proceeds Of Obligations</i>									
4990.000	Grant Revenue	.00	.00	.00	.00	.00	.00	.00	+++	258,703.75
	<i>Proceeds Of Obligations Totals</i>	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	+++	\$258,703.75
	REVENUE TOTALS	\$700,000.00	\$0.00	\$700,000.00	\$0.00	\$0.00	\$76,174.10	\$623,825.90	11%	\$415,185.22
Fund	VFG - Plant Fund Totals	\$700,000.00	\$0.00	\$700,000.00	\$0.00	\$0.00	\$76,174.10	\$623,825.90		\$415,185.22
	Grand Totals	\$40,872,078.00	\$0.00	\$40,872,078.00	\$4,831,512.17	\$0.00	\$14,055,062.15	\$26,817,015.85		\$3,558,482.08

Expense Budget Performance Report

Fiscal Year to Date 04/30/23

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>Personnel - Position Control</i>									
0110.000	Biweekly Payroll	3,182,606.00	.00	3,182,606.00	267,035.36	.00	803,062.99	2,379,543.01	25	855,261.11
0153.000	Stipend	.00	.00	.00	.00	.00	.00	.00	+++	57.69
	<i>Personnel - Position Control Totals</i>	\$3,182,606.00	\$0.00	\$3,182,606.00	\$267,035.36	\$0.00	\$803,062.99	\$2,379,543.01	25%	\$855,318.80
	<i>Personnel Services</i>									
0111.000	Biwkly Comp Differential	.00	.00	.00	.00	.00	.00	.00	+++	911.12
0121.000	Weekly Comp Differential	.00	.00	.00	19.12	.00	55.48	(55.48)	+++	.00
0125.000	Insurance OPT Out	102,356.00	.00	102,356.00	11,576.82	.00	33,741.92	68,614.08	33	34,232.12
0130.000	Temporary Payroll	438,990.00	(125,000.00)	313,990.00	65,981.23	.00	190,078.65	123,911.35	61	57,129.02
0140.000	Overtime	206,500.00	.00	206,500.00	20,530.47	.00	67,420.35	139,079.65	33	102,071.07
0150.000	Acting Next-In-Rank Pay	12,480.00	.00	12,480.00	.00	.00	.00	12,480.00	0	238.78
0151.A	Sunday Contractual Pay	51,000.00	.00	51,000.00	.00	.00	.00	51,000.00	0	15,787.43
0151.000	Sunday Premium Pay	.00	.00	.00	5,651.96	.00	16,738.90	(16,738.90)	+++	.00
0152.000	Shift Premium Pay	.00	.00	.00	.00	.00	.00	.00	+++	115.66
0155.A	Holiday Contractual Pay	33,500.00	.00	33,500.00	.00	.00	11,451.93	22,048.07	34	6,014.17
0155.000	Holiday Pay	.00	.00	.00	425.67	.00	30,097.38	(30,097.38)	+++	16,864.45
0165.000	Military Leave	.00	.00	.00	3,602.63	.00	6,245.24	(6,245.24)	+++	3,676.50
0170.000	Overtime Meals	8,100.00	.00	8,100.00	672.00	.00	1,966.50	6,133.50	24	2,743.25
0180.000	Comp. Time Earned	.00	.00	.00	1,162.19	.00	3,286.51	(3,286.51)	+++	.00
0181.000	Vacation Pay	.00	.00	.00	1,366.24	.00	5,189.97	(5,189.97)	+++	59,671.09
0182.000	Personal Time	.00	.00	.00	259.19	.00	979.59	(979.59)	+++	212.11
0183.000	Compensatory Time Off	.00	.00	.00	16,746.37	.00	43,012.52	(43,012.52)	+++	4,503.34
0184.000	Funeral Leave	.00	.00	.00	374.79	.00	842.29	(842.29)	+++	870.81
0186.000	Call-In Time	19,000.00	.00	19,000.00	2,630.00	.00	7,545.74	11,454.26	40	8,589.75
0189.000	Sick Leave	.00	.00	.00	8,348.20	.00	19,750.40	(19,750.40)	+++	23,932.10
	<i>Personnel Services Totals</i>	\$871,926.00	(\$125,000.00)	\$746,926.00	\$139,346.88	\$0.00	\$438,403.37	\$308,522.63	59%	\$337,562.77
	<i>Capital Outlays</i>									
0210.000	Furniture & Furnishings	2,500.00	15,000.00	17,500.00	10,951.52	1,494.91	13,578.41	2,426.68	86	.00
0220.000	Office Equipment	500.00	.00	500.00	.00	.00	.00	500.00	0	.00
0250.500	Safety Equipment	10,000.00	.00	10,000.00	158.70	1,233.65	4,317.42	4,448.93	56	681.30
	<i>Capital Outlays Totals</i>	\$13,000.00	\$15,000.00	\$28,000.00	\$11,110.22	\$2,728.56	\$17,895.83	\$7,375.61	74%	\$681.30
	<i>Contractual Expenses</i>									
0411.000	Office Supplies	3,050.00	.00	3,050.00	27.36	1,002.15	1,025.21	1,022.64	66	.00
0412.000	Uniforms	2,940.00	.00	2,940.00	76.47	.00	76.47	2,863.53	3	.00
0413.000	Safety Shoes	11,000.00	.00	11,000.00	679.67	.00	2,058.97	8,941.03	19	3,256.73
0414.000	Automotive-Gas,Oil,Grease	45,000.00	.00	45,000.00	3,858.52	.00	10,976.67	34,023.33	24	10,459.28
0416.000	Consumable Printed Forms	1,000.00	.00	1,000.00	.00	.00	34.00	966.00	3	314.39
0417.000	Tool Allowance	300.00	.00	300.00	.00	.00	.00	300.00	0	.00
0419.001	Automotive Parts	30,000.00	.00	30,000.00	593.58	.00	3,249.09	26,750.91	11	7,951.05

Expense Budget Performance Report

Fiscal Year to Date 04/30/23

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>									
0419.003	Cleaning/Sanitary	10,000.00	.00	10,000.00	.00	866.20	960.48	8,173.32	18	3,048.09
0419.004	Agricultural/Botanical	50,000.00	.00	50,000.00	.00	.00	.00	50,000.00	0	.00
0419.005	Tools & Machine Parts	212,000.00	.00	212,000.00	6,567.02	21,596.44	27,089.68	163,313.88	23	42,837.06
0419.006	Construction/Repair	175,000.00	.00	175,000.00	16,083.75	10,997.04	40,969.86	123,033.10	30	20,779.72
0419.008	Signals/Communication	5,000.00	.00	5,000.00	1,936.60	.00	1,936.60	3,063.40	39	1,494.55
0419.009	Misc Chemicals	25,000.00	.00	25,000.00	.00	2,960.09	1,884.02	20,155.89	19	2,503.89
0419.010	Laboratory	27,000.00	.00	27,000.00	.00	5,982.56	1,595.23	19,422.21	28	6,463.77
0419.012	Carbon	20,000.00	.00	20,000.00	.00	.00	.00	20,000.00	0	.00
0419.014	Ferric Chloride	700,000.00	.00	700,000.00	47,083.52	150,000.00	224,461.44	325,538.56	53	157,975.74
0419.016	Primary Polymer	120,000.00	.00	120,000.00	.00	20,000.00	.00	100,000.00	17	19,008.00
0419.017	Sludge Polymer	100,000.00	.00	100,000.00	.00	20,000.00	.00	80,000.00	20	.00
0419.018	Pebble Lime	150,000.00	.00	150,000.00	12,732.52	12,243.12	37,756.88	100,000.00	33	43,425.88
0419.024	Hypochlorite Solution	9,000,000.00	.00	9,000,000.00	450,904.67	372,672.48	1,667,842.14	6,959,485.38	23	834,037.07
0419.599	Undesignated Supplies	57,300.00	.00	57,300.00	2,289.68	4,996.58	16,627.03	35,676.39	38	10,044.01
0421.001	Phone Extension Chgs	46,500.00	.00	46,500.00	3,658.32	.00	12,904.45	33,595.55	28	12,779.57
0421.002	Wireless Services	11,000.00	.00	11,000.00	841.95	.00	2,546.36	8,453.64	23	2,410.71
0422.000	Light & Power	670,000.00	.00	670,000.00	68,279.80	.00	205,011.63	464,988.37	31	191,017.27
0423.000	Water/Sewer	574,000.00	.00	574,000.00	123,294.85	206.83	251,118.35	322,674.82	44	170,571.16
0424.000	Gas	25,000.00	.00	25,000.00	5,159.83	.00	13,541.45	11,458.55	54	5,675.23
0432.000	Property Insurance	260,000.00	.00	260,000.00	.00	.00	.00	260,000.00	0	.00
0433.000	Liability Insurance	85,000.00	.00	85,000.00	.00	.00	137,634.80	(52,634.80)	162	121,003.20
0440.003	Motor Vehicle Equipment	60,000.00	.00	60,000.00	4,357.21	.00	19,240.34	40,759.66	32	22,978.91
0440.599	Undesignated Leases	1,500.00	.00	1,500.00	78.65	.00	205.23	1,294.77	14	192.10
0441.000	Rental Of Real Property	75.00	.00	75.00	.00	.00	.00	75.00	0	.00
0442.000	Rental Of Equipment	16,500.00	.00	16,500.00	92.90	708.40	9,879.62	5,911.98	64	1,759.54
0442.003	Motor Vehicle Equip Rentl	6,000.00	.00	6,000.00	458.50	.00	917.00	5,083.00	15	1,447.50
0442.599	Undesignated Rentals	4,000.00	.00	4,000.00	.00	2,000.00	.00	2,000.00	50	647.22
0443.000	Repair Of Real Property	40,500.00	.00	40,500.00	11,778.14	8,352.16	23,855.53	8,292.31	80	23,171.67
0444.000	Repair Of Equipment	142,000.00	.00	142,000.00	14,877.97	44,387.69	53,220.96	44,391.35	69	23,056.88
0446.000	Computer Services	4,500.00	.00	4,500.00	843.42	.00	1,927.16	2,572.84	43	1,409.92
0446.007	Software	50,000.00	.00	50,000.00	.00	.00	.00	50,000.00	0	.00
0449.000	Billing & Collection	47,000.00	.00	47,000.00	4,393.01	.00	17,572.04	29,427.96	37	15,085.12
0449.002	Sludge Disposal	2,000,000.00	.00	2,000,000.00	143,733.15	250,000.00	553,495.00	1,196,505.00	40	396,648.95
0449.004	Special Security	.00	.00	.00	.00	.00	.00	.00	+++	195.00
0449.008	Hazardous Waste Displ.	500.00	.00	500.00	.00	.00	.00	500.00	0	.00
0449.500	Safety-Contractual	5,000.00	.00	5,000.00	.00	.00	343.00	4,657.00	7	70.00
0449.599	Undesignated Services	225,441.00	(19,220.00)	206,221.00	20,837.38	27,090.76	76,591.54	102,538.70	50	42,400.16
0451.000	Consultants	80,000.00	.00	80,000.00	12,731.14	16,735.00	12,731.14	50,533.86	37	22,636.61

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>									
0454.000	Attorney Services	40,000.00	.00	40,000.00	.00	.00	696.25	39,303.75	2	308.13
0461.000	Postage	30,000.00	.00	30,000.00	1,066.60	.00	2,944.62	27,055.38	10	3,800.73
0463.000	Travel & Training Expense	13,500.00	4,220.00	17,720.00	55.00	4,220.00	55.00	13,445.00	24	804.99
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	623.20	5,007.20	2,492.80	.00	100	953.27
0466.000	Books,Mags. & Memberships	500.00	.00	500.00	.00	.00	2,010.00	(1,510.00)	402	1,890.00
0467.000	Advertising	500.00	.00	500.00	.00	.00	91.29	408.71	18	164.06
0471.000	Recruitment Expenditures	800.00	.00	800.00	179.00	.00	358.00	442.00	45	501.11
	<i>Contractual Expenses Totals</i>	\$15,192,906.00	(\$15,000.00)	\$15,177,906.00	\$960,173.38	\$982,024.70	\$3,439,927.33	\$10,755,953.97	29%	\$2,227,178.24
	<i>Employee Benefits</i>									
0801.000	NYS E.R.S. Retirement	427,310.00	.00	427,310.00	.00	.00	89,074.67	338,235.33	21	120,942.00
0803.000	Building Trades Benefits	.00	125,000.00	125,000.00	12,345.97	.00	85,793.53	39,206.47	69	.00
0820.000	Worker's Compensation	240,000.00	.00	240,000.00	782.74	.00	2,423.22	237,576.78	1	2,423.22
0830.000	Life Insurance	13,237.00	.00	13,237.00	.00	.00	3,607.06	9,629.94	27	4,365.63
0840.000	Unemployment Ins. NYS	5,000.00	.00	5,000.00	.00	.00	.00	5,000.00	0	.00
0860.000	Medical Insurance	2,347,747.00	.00	2,347,747.00	175,490.89	.00	793,457.83	1,554,289.17	34	775,513.30
0861.000	Dental Insurance	80,300.00	.00	80,300.00	.00	.00	.00	80,300.00	0	.00
0863.000	Vision Care Insurance	6,204.00	.00	6,204.00	.00	.00	447.89	5,756.11	7	1,848.45
0865.000	Chiropractic Insurance	930.00	.00	930.00	50.00	.00	300.00	630.00	32	.00
	<i>Employee Benefits Totals</i>	\$3,120,728.00	\$125,000.00	\$3,245,728.00	\$188,669.60	\$0.00	\$975,104.20	\$2,270,623.80	30%	\$905,092.60
	<i>Employee Benefit - FICA</i>									
0810.000	Social Security	261,077.00	.00	261,077.00	30,311.79	.00	92,280.24	168,796.76	35	89,089.76
	<i>Employee Benefit - FICA Totals</i>	\$261,077.00	\$0.00	\$261,077.00	\$30,311.79	\$0.00	\$92,280.24	\$168,796.76	35%	\$89,089.76
	EXPENSE TOTALS	\$22,642,243.00	\$0.00	\$22,642,243.00	\$1,596,647.23	\$984,753.26	\$5,766,673.96	\$15,890,815.78	30%	\$4,414,923.47
Fund	GA - Water Board - Sewer Totals	\$22,642,243.00	\$0.00	\$22,642,243.00	\$1,596,647.23	\$984,753.26	\$5,766,673.96	\$15,890,815.78		\$4,414,923.47
	Grand Totals	\$22,642,243.00	\$0.00	\$22,642,243.00	\$1,596,647.23	\$984,753.26	\$5,766,673.96	\$15,890,815.78		\$4,414,923.47

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	FA - Water Board - Water									
	EXPENSE									
	<i>Personnel - Position Control</i>									
0110.000	Biweekly Payroll	2,502,809.00	.00	2,502,809.00	298,444.48	.00	845,312.57	1,657,496.43	34	635,250.96
0153.000	Stipend	4,925.00	.00	4,925.00	692.13	.00	2,076.39	2,848.61	42	2,018.72
	<i>Personnel - Position Control Totals</i>	\$2,507,734.00	\$0.00	\$2,507,734.00	\$299,136.61	\$0.00	\$847,388.96	\$1,660,345.04	34%	\$637,269.68
	<i>Personnel Services</i>									
0111.000	Biwkly Comp Differential	.00	.00	.00	.00	.00	.00	.00	+++	1,782.63
0121.000	Weekly Comp Differential	.00	.00	.00	19.94	.00	77.52	(77.52)	+++	.00
0125.000	Insurance OPT Out	61,479.00	.00	61,479.00	10,588.28	.00	32,063.38	29,415.62	52	20,376.91
0130.000	Temporary Payroll	106,000.00	.00	106,000.00	21,012.30	.00	44,163.55	61,836.45	42	50,779.05
0140.000	Overtime	94,150.00	.00	94,150.00	13,395.41	.00	39,420.65	54,729.35	42	28,581.24
0150.000	Acting Next-In-Rank Pay	.00	.00	.00	.00	.00	.00	.00	+++	4,399.71
0151.A	Sunday Contractual Pay	16,000.00	.00	16,000.00	.00	.00	.00	16,000.00	0	5,443.90
0151.000	Sunday Premium Pay	.00	.00	.00	1,796.09	.00	5,754.53	(5,754.53)	+++	.00
0152.000	Shift Premium Pay	.00	.00	.00	.00	.00	.00	.00	+++	120.11
0155.A	Holiday Contractual Pay	8,500.00	.00	8,500.00	.00	.00	2,899.26	5,600.74	34	1,384.42
0155.000	Holiday Pay	.00	.00	.00	1,080.69	.00	35,902.60	(35,902.60)	+++	16,628.10
0170.000	Overtime Meals	2,715.00	.00	2,715.00	290.00	.00	825.50	1,889.50	30	765.75
0180.000	Comp. Time Earned	.00	.00	.00	1,141.82	.00	3,476.56	(3,476.56)	+++	.00
0181.000	Vacation Pay	.00	.00	.00	848.33	.00	15,639.20	(15,639.20)	+++	50,428.05
0182.000	Personal Time	.00	.00	.00	121.64	.00	795.17	(795.17)	+++	1,091.08
0183.000	Compensatory Time Off	.00	.00	.00	11,603.39	.00	60,364.78	(60,364.78)	+++	1,096.70
0184.000	Funeral Leave	.00	.00	.00	876.00	.00	2,349.55	(2,349.55)	+++	1,004.58
0186.000	Call-In Time	9,350.00	.00	9,350.00	1,561.71	.00	3,653.19	5,696.81	39	2,706.48
0189.000	Sick Leave	.00	.00	.00	7,109.68	.00	27,220.97	(27,220.97)	+++	27,986.56
0190.000	Vacation Cash Conversion	12,337.00	.00	12,337.00	.00	.00	.00	12,337.00	0	.00
	<i>Personnel Services Totals</i>	\$310,531.00	\$0.00	\$310,531.00	\$71,445.28	\$0.00	\$274,606.41	\$35,924.59	88%	\$214,575.27
	<i>Capital Outlays</i>									
0210.000	Furniture & Furnishings	4,500.00	.00	4,500.00	.00	.00	987.58	3,512.42	22	.00
0230.000	Motor Vehicle Equipment	5,000.00	.00	5,000.00	.00	.00	.00	5,000.00	0	.00
0250.000	Other Equipment	30,000.00	.00	30,000.00	.00	4,869.00	230.73	24,900.27	17	97.82
0250.007	Computer Equipment	25,000.00	35,000.00	60,000.00	194.94	20,151.80	4,826.00	35,022.20	42	12,204.78
0250.500	Safety Equipment	2,000.00	.00	2,000.00	.00	20.08	1,381.81	598.11	70	.00
	<i>Capital Outlays Totals</i>	\$66,500.00	\$35,000.00	\$101,500.00	\$194.94	\$25,040.88	\$7,426.12	\$69,033.00	32%	\$12,302.60
	<i>Contractual Expenses</i>									
0411.000	Office Supplies	10,200.00	.00	10,200.00	785.92	1,848.84	3,779.28	4,571.88	55	1,547.40
0412.000	Uniforms	1,800.00	.00	1,800.00	.00	.00	.00	1,800.00	0	.00
0413.000	Safety Shoes	7,800.00	.00	7,800.00	377.77	.00	2,191.89	5,608.11	28	864.89
0414.000	Automotive-Gas,Oil,Grease	60,000.00	.00	60,000.00	4,161.41	.00	13,206.90	46,793.10	22	18,407.91
0415.000	Fuel Oil	30,000.00	.00	30,000.00	.00	.00	.00	30,000.00	0	.00

Expense Budget Performance Report

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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									
	Contractual Expenses									
0416.000	Consumable Printed Forms	1,000.00	.00	1,000.00	.00	872.35	906.35	(778.70)	178	314.38
0417.000	Tool Allowance	150.00	.00	150.00	.00	.00	35.63	114.37	24	.00
0419.001	Automotive Parts	25,000.00	.00	25,000.00	593.58	.00	7,084.20	17,915.80	28	11,001.88
0419.003	Cleaning/Sanitary	5,000.00	.00	5,000.00	162.84	1,465.97	930.63	2,603.40	48	1,626.52
0419.005	Tools & Machine Parts	92,000.00	.00	92,000.00	8,406.77	25,942.46	38,557.28	27,500.26	70	25,948.09
0419.006	Construction/Repair	200,000.00	.00	200,000.00	13,013.23	7,599.37	29,327.24	163,073.39	18	36,596.48
0419.009	Misc Chemicals	633,000.00	.00	633,000.00	81,565.04	156,118.92	219,332.91	257,548.17	59	143,224.21
0419.010	Laboratory	33,000.00	.00	33,000.00	3,365.95	924.90	6,755.30	25,319.80	23	7,593.96
0419.599	Undesignated Supplies	6,250.00	.00	6,250.00	145.68	48.95	1,628.02	4,573.03	27	2,738.66
0421.001	Phone Extension Chgs	25,000.00	.00	25,000.00	1,853.62	.00	3,716.09	21,283.91	15	5,538.76
0421.002	Wireless Services	15,000.00	.00	15,000.00	1,221.48	.00	5,912.25	9,087.75	39	3,846.07
0422.000	Light & Power	600,000.00	.00	600,000.00	54,144.90	.00	166,693.28	433,306.72	28	149,150.57
0423.000	Water/Sewer	698,000.00	.00	698,000.00	51,450.46	.00	191,331.46	506,668.54	27	155,477.04
0424.000	Gas	25,000.00	.00	25,000.00	4,255.04	.00	22,548.97	2,451.03	90	8,354.13
0432.000	Property Insurance	180,000.00	.00	180,000.00	.00	.00	.00	180,000.00	0	.00
0433.000	Liability Insurance	60,000.00	.00	60,000.00	.00	.00	92,792.20	(32,792.20)	155	90,833.80
0440.003	Motor Vehicle Equipment	84,000.00	.00	84,000.00	4,357.23	.00	19,240.39	64,759.61	23	22,978.92
0440.599	Undesignated Leases	1,500.00	.00	1,500.00	139.15	.00	323.02	1,176.98	22	306.42
0442.000	Rental Of Equipment	4,500.00	.00	4,500.00	10.00	.00	795.01	3,704.99	18	1,068.55
0442.003	Motor Vehicle Equip Rentl	5,000.00	.00	5,000.00	458.50	.00	1,375.50	3,624.50	28	1,447.50
0442.599	Undesignated Rentals	4,000.00	.00	4,000.00	98.24	1,135.96	614.04	2,250.00	44	884.85
0444.000	Repair Of Equipment	33,200.00	.00	33,200.00	.00	71.98	2,505.29	30,622.73	8	.00
0446.000	Computer Services	4,500.00	.00	4,500.00	491.41	.00	1,575.17	2,924.83	35	1,409.88
0446.008	Software Maint/Licenses	335,000.00	(35,000.00)	300,000.00	15,714.87	28,681.50	69,024.73	202,293.77	33	71,679.93
0449.000	Billing & Collection	47,000.00	.00	47,000.00	4,393.02	.00	17,572.08	29,427.92	37	15,085.12
0449.001	Sludge Removal	120,000.00	.00	120,000.00	.00	.00	3,931.31	116,068.69	3	.00
0449.003	Waste Disposal	.00	.00	.00	372.16	2,231.50	1,468.50	(3,700.00)	+++	.00
0449.008	Hazardous Waste Displ.	.00	.00	.00	.00	.00	408.63	(408.63)	+++	.00
0449.500	Safety-Contractual	5,000.00	.00	5,000.00	.00	.00	.00	5,000.00	0	70.00
0449.599	Undesignated Services	837,500.00	(3,230.00)	834,270.00	5,862.80	321.00	717,589.26	116,359.74	86	713,562.12
0451.000	Consultants	63,000.00	.00	63,000.00	13,976.79	1,103.82	14,363.32	47,532.86	25	18,191.05
0454.000	Attorney Services	35,000.00	.00	35,000.00	.00	.00	696.25	34,303.75	2	308.13
0461.000	Postage	30,000.00	.00	30,000.00	1,066.60	.00	3,139.45	26,860.55	10	3,800.69
0463.000	Travel & Training Expense	19,500.00	3,230.00	22,730.00	125.00	1,797.00	5,476.16	15,456.84	32	17,690.05
0465.000	Laundry & Cleaning	1,500.00	.00	1,500.00	.00	700.00	.00	800.00	47	.00
0466.000	Books,Mags. & Memberships	500.00	.00	500.00	.00	.00	.00	500.00	0	287.00
0467.000	Advertising	500.00	.00	500.00	.00	.00	91.30	408.70	18	164.07
0471.000	Recruitment Expenditures	800.00	.00	800.00	660.00	.00	660.00	140.00	82	850.12

Expense Budget Performance Report

Fiscal Year to Date 04/30/23

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									
	EXPENSE									
	<i>Contractual Expenses Totals</i>	\$4,340,200.00	(\$35,000.00)	\$4,305,200.00	\$273,229.46	\$230,864.52	\$1,667,579.29	\$2,406,756.19	44%	\$1,532,849.15
	<i>Employee Benefits</i>									
0801.000	NYS E.R.S. Retirement	213,655.00	.00	213,655.00	.00	.00	44,537.33	169,117.67	21	60,471.00
0820.000	Worker's Compensation	225,000.00	.00	225,000.00	583.82	.00	1,677.46	223,322.54	1	1,715.46
0830.000	Life Insurance	10,515.00	.00	10,515.00	.00	.00	2,749.69	7,765.31	26	3,259.12
0840.000	Unemployment Ins. NYS	5,000.00	.00	5,000.00	.00	.00	.00	5,000.00	0	.00
0860.000	Medical Insurance	1,549,847.00	.00	1,549,847.00	135,459.04	.00	505,804.79	1,044,042.21	33	508,546.34
0861.000	Dental Insurance	54,350.00	.00	54,350.00	.00	.00	.00	54,350.00	0	.00
0863.000	Vision Care Insurance	4,125.00	.00	4,125.00	.00	.00	313.65	3,811.35	8	1,236.16
0865.000	Chiropractic Insurance	2,000.00	.00	2,000.00	200.00	.00	660.00	1,340.00	33	440.00
	<i>Employee Benefits Totals</i>	\$2,064,492.00	\$0.00	\$2,064,492.00	\$136,242.86	\$0.00	\$555,742.92	\$1,508,749.08	27%	\$575,668.08
	<i>Employee Benefit - FICA</i>									
0810.000	Social Security	220,451.00	.00	220,451.00	27,741.85	.00	83,980.24	136,470.76	38	59,925.13
	<i>Employee Benefit - FICA Totals</i>	\$220,451.00	\$0.00	\$220,451.00	\$27,741.85	\$0.00	\$83,980.24	\$136,470.76	38%	\$59,925.13
	EXPENSE TOTALS	\$9,509,908.00	\$0.00	\$9,509,908.00	\$807,991.00	\$255,905.40	\$3,436,723.94	\$5,817,278.66	39%	\$3,032,589.91
Fund	FA - Water Board - Water Totals	\$9,509,908.00	\$0.00	\$9,509,908.00	\$807,991.00	\$255,905.40	\$3,436,723.94	\$5,817,278.66		\$3,032,589.91
	Grand Totals	\$9,509,908.00	\$0.00	\$9,509,908.00	\$807,991.00	\$255,905.40	\$3,436,723.94	\$5,817,278.66		\$3,032,589.91

Expense Budget Performance Report

Fiscal Year to Date 04/30/23

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	FGB - Water Board									
	EXPENSE									
	<i>Contractual Expenses</i>									
0419.599	Undesignated Supplies	4,700.00	.00	4,700.00	617.92	.00	2,165.03	2,534.97	46	1,039.81
0451.000	Consultants	60,000.00	.00	60,000.00	4,500.00	.00	47,317.90	12,682.10	79	4,916.25
0454.000	Attorney Services	40,000.00	.00	40,000.00	1,356.00	.00	4,678.74	35,321.26	12	.00
0459.000	Auditors	28,000.00	.00	28,000.00	12,500.00	.00	26,500.00	1,500.00	95	26,000.00
0461.000	Postage	250.00	.00	250.00	.00	.00	.00	250.00	0	.00
0466.000	Books,Mags. & Memberships	7,050.00	.00	7,050.00	1,134.54	.00	1,134.54	5,915.46	16	.00
	<i>Contractual Expenses Totals</i>	\$140,000.00	\$0.00	\$140,000.00	\$20,108.46	\$0.00	\$81,796.21	\$58,203.79	58%	\$31,956.06
	EXPENSE TOTALS	\$140,000.00	\$0.00	\$140,000.00	\$20,108.46	\$0.00	\$81,796.21	\$58,203.79	58%	\$31,956.06
Fund	FGB - Water Board Totals	\$140,000.00	\$0.00	\$140,000.00	\$20,108.46	\$0.00	\$81,796.21	\$58,203.79		\$31,956.06
	Grand Totals	\$140,000.00	\$0.00	\$140,000.00	\$20,108.46	\$0.00	\$81,796.21	\$58,203.79		\$31,956.06

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	5,198,449.50
	X4899	Depository-BOB	4,681,372.45	4,099,830.73	-	(3,644,910.34)	454,920.39	5,136,292.84	8,318,028.71
	X9220	Depository-Keybank	558,495.95	166,599.72	-	-	166,599.72	725,095.67	626,535.69
	X4906	Payroll	161,396.74	-	(740,673.19)	733,913.19	(6,760.00)	154,636.74	109,421.19
	X4914	Benefits	6,735.75	-	(10,029.00)	15,887.25	5,858.25	12,594.00	5,954.75
	X0643	Operating	1,281,584.64	-	(3,325,817.09)	2,895,081.90	(430,735.19)	850,849.45	837,462.93
	X4445	Grants	1,709,955.74	-	(1,700,015.00)	28.00	(1,699,987.00)	9,968.74	298,917.78
		Totals	13,689,615.59	4,266,717.90	(5,776,821.73)	-	(1,510,103.83)	12,179,511.76	15,486,395.37

MONTH	ACCT #	Account Name	STARTING VALUE	DEPOSITS	WITHDRAWALS	TRANSFERS	NET CHANGE IN VALUE	MONTH ENDING VALUE	PY MONTH ENDING VALUE
FEBRUARY	X4873	Board Expense Account	91,624.82	-	-	-	-	91,624.82	91,624.82
	X4881	O&M Reserve	5,198,449.50	-	-	-	-	5,198,449.50	5,198,449.50
	X4899	Depository	5,136,292.84	2,206,728.13	-	(2,217,773.53)	(11,045.40)	5,125,247.44	4,741,214.88
	X9220	Depository-Keybank	725,095.67	122,279.91	-	-	122,279.91	847,375.58	726,516.00
	X4906	Payroll	154,636.74	-	(560,735.75)	563,294.07	2,558.32	157,195.06	112,953.28
	X4914	Benefits	12,594.00	-	(8,850.25)	10,028.00	1,177.75	13,771.75	13,610.75
	X0643	Operating	850,849.45	-	(1,843,078.82)	1,644,451.46	(198,627.36)	652,222.09	831,085.27
	X4445	Grants	9,968.74	-	-	-	-	9,968.74	588,812.22
		Totals	12,179,511.76	2,329,008.04	(2,412,664.82)	0.00	(83,656.78)	12,095,854.98	12,304,266.72

MONTH	ACCT #	Account Name	STARTING VALUE	DEPOSITS	WITHDRAWALS	TRANSFERS	NET CHANGE IN VALUE	MONTH ENDING VALUE	PY MONTH ENDING VALUE
MARCH	X4873	Board Expense Account	91,624.82	-	-	-	-	91,624.82	91,624.82
	X4881	O&M Reserve	5,198,449.50	-	-	-	-	5,198,449.50	5,198,449.50
	X4899	Depository	5,125,247.44	2,095,085.04	-	(3,474,042.46)	(1,378,957.42)	3,746,290.02	4,089,034.55
	X9220	Depository-Keybank	847,375.58	172,169.66	-	-	172,169.66	1,019,545.24	878,782.30
	X4906	Payroll	157,195.06	-	(561,461.37)	545,426.41	(16,034.96)	141,160.10	110,393.08
	X4914	Benefits	13,771.75	-	(9,833.00)	10,669.00	836.00	14,607.75	6,901.75
	X0643	Operating	652,222.09	-	(2,304,076.27)	2,917,947.05	613,870.78	1,266,092.87	810,472.87
	X4445	Grants	9,968.74	-	-	-	-	9,968.74	1,800,665.70
		Totals	12,095,854.98	2,267,254.70	(2,875,370.64)	-	(608,115.94)	11,487,739.04	12,986,324.57

MONTH	ACCT #	Account Name	STARTING VALUE	DEPOSITS	WITHDRAWALS	TRANSFERS	NET CHANGE IN VALUE	MONTH ENDING VALUE	PY MONTH ENDING VALUE
APRIL	X4873	Board Expense Account	91,624.82	-	-	-	-	91,624.82	91,624.82
	X4881	O&M Reserve	5,198,449.50	-	-	-	-	5,198,449.50	5,198,449.50
	X4899	Depository	3,746,290.02	4,458,012.13	-	(2,136,323.10)	2,321,689.03	6,067,979.05	6,406,191.73
	X9220	Depository-Keybank	1,019,545.24	207,953.90	-	(1,000,000.00)	(792,046.10)	227,499.14	207,776.99
	X4906	Payroll	141,160.10	-	(543,644.09)	553,011.55	9,367.46	150,527.56	99,991.56
	X4914	Benefits	14,607.75	-	(10,622.00)	-	(10,622.00)	3,985.75	11,127.75
	X0643	Operating	1,266,092.87	-	(2,747,375.04)	2,583,311.55	(164,063.49)	1,102,029.38	832,948.86
	X4445	Grants	9,968.74	-	-	-	-	9,968.74	650.70
		Totals	11,487,739.04	4,665,966.03	(3,301,641.13)	-	1,364,324.90	12,852,063.94	12,848,761.91

Wilmington Trust

BANK BALANCES-FY 2022

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

MONTH	ACCT #	Account Name	STARTING VALUE	DEPOSITS	Payments	Change in Market Value	NET CHANGE IN VALUE	MONTH ENDING VALUE
FEBRUARY	X3250	Debt Service	7,692,546.53	515,620.29	-	26,287.33	541,907.62	8,234,454.15
	X3251	Construction	880.23	-	-	2.69	2.69	882.92
	X3252	Debt Service Reserve	7,150,663.13	-	-	24,705.02	24,705.02	7,175,368.15
	X9279	Expense Account	16,079.32	-	-	-	-	16,079.32
	X4118-0	2022A DSF	105,076.18	-	-	320.74	320.74	105,396.92
	X4118-1	2022A Issuance	9,619.92	-	-	-	-	9,619.92
	X2722	Capital Fund Construction	9,979,375.12	-	(1,488,476.76)	28,515.38	(1,459,961.38)	8,519,413.74
		Totals	24,954,240.43	515,620.29	(1,488,476.76)	79,831.16	(893,025.31)	24,061,215.12

MONTH	ACCT #	Account Name	STARTING VALUE	DEPOSITS	Payments	Change in Market Value	NET CHANGE IN VALUE	MONTH ENDING VALUE
MARCH	X3250	Debt Service	8,234,454.15	515,620.29	-	32,411.31	548,031.60	8,782,485.75
	X3251	Construction	882.92	-	-	3.07	3.07	885.99
	X3252	Debt Service Reserve	7,175,368.15	-	-	27,462.69	27,462.69	7,202,830.84
	X9279	Expense Account	16,079.32	-	-	-	-	16,079.32
	X4118-0	2022A DSF	105,396.92	80,735.84	-	647.97	81,383.81	186,780.73
	X4118-1	2022A Issuance	9,619.92	-	-	-	-	9,619.92
	X2722	Capital Fund Construction	8,519,413.74	-	(327,236.85)	28,754.58	(298,482.27)	8,220,931.47
		Totals	24,061,215.12	596,356.13	(327,236.85)	89,279.62	358,398.90	24,419,614.02

MONTH	ACCT #	Account Name	STARTING VALUE	DEPOSITS	Payments	Change in Market Value	NET CHANGE IN VALUE	MONTH ENDING VALUE
APRIL	X3250	Debt Service	8,782,485.75	1,035,740.58	(4,500.00)	33,905.64	1,065,146.22	9,847,631.97
	X3251	Construction	885.99	3.12	-	-	3.12	889.11
	X3252	Debt Service Reserve	7,202,830.84	-	-	26,739.73	26,739.73	7,229,570.57
	X9279	Expense Account	16,079.32	-	-	-	-	16,079.32
	X4118-0	2022A DSF	186,780.73	182,357.26	-	1,000.43	183,357.69	370,138.42
	X4118-1	2022A Issuance	9,619.92	-	-	-	-	9,619.92
	X2722	Capital Fund Construction	8,220,931.47	-	(338,712.21)	28,414.34	(310,297.87)	7,910,633.60
		Totals	24,419,614.02	1,218,100.96	(343,212.21)	90,060.14	964,948.89	25,384,562.91

WEALTH ADVISORS- 2643

Treasury Reconciliation FY 2023

MONTH	STARTING VALUE	DEPOSITS/WITHDRAWALS	TRANSFERS	CHANGE IN VALUE	MONTH ENDING VALUE	PY MONTH ENDING VALUE
JAN	15,227,145.81	(25,383.34)	-	53,171.98	15,254,934.45	15,436,824.17
FEB	15,254,934.45	(26,552.96)	-	(7,432.01)	15,220,949.48	15,433,352.18
MAR	15,220,949.48	(46,834.27)	-	129,939.40	15,304,054.61	15,430,135.70
APR	15,304,054.61	(51,111.64)	-	18,135.81	15,271,078.78	15,424,553.53
MAY	15,271,078.78	-	-	-	15,271,078.78	15,421,170.00
JUN	15,271,078.78	-	-	-	15,271,078.78	15,397,568.19
JUL	15,271,078.78	-	-	-	15,271,078.78	15,398,795.06
AUG	15,271,078.78	-	-	-	15,271,078.78	15,322,422.45
SEP	15,271,078.78	-	-	-	15,271,078.78	15,233,218.27
OCT	15,271,078.78	-	-	-	15,271,078.78	15,174,647.51
NOV	15,271,078.78	-	-	-	15,271,078.78	15,229,644.66
DEC	15,271,078.78	-	-	-	15,271,078.78	15,227,145.81
FY TOTAL		(149,882.21)	-	193,815.18		

NFWB Live

Budget Amendments Report

From Date: 4/1/2023 - To Date: 4/30/2023

Account	G/L Date	Journal	Description	Increases	Decreases	Amended Balance
Fund: FA Water Board - Water						
Department: 8150 Information Technology						
Sub Department: 0000 .						
0250.007 - Computer Equipment				Amended Balance as of: 4/1/2023		\$25,000.00
	04/10/2023	2023-00001130	Transfer to cover Desktop/Laptop upgrades	\$35,000.00	\$0.00	\$60,000.00
				\$35,000.00	\$0.00	\$60,000.00
0446.008 - Software Maint/Licenses				Amended Balance as of: 4/1/2023		\$335,000.00
	04/10/2023	2023-00001130	Transfer to cover Desktop/Laptop upgrades	\$0.00	\$35,000.00	\$300,000.00
				\$0.00	\$35,000.00	\$300,000.00
Sub Department: 0000 . Totals:				\$35,000.00	\$35,000.00	
Department: 8150 Information Technology Totals:				\$35,000.00	\$35,000.00	
Fund Totals: Water Board - Water				\$35,000.00	\$35,000.00	
Fund: GA Water Board - Sewer						
Department: 8130 Sewage Trtmt/Disposal						
Sub Department: 0200 Maintenance						
0130.000 - Temporary Payroll				Amended Balance as of: 4/1/2023		\$298,990.00
	04/10/2023	2023-00001132	Transfer from Salaries to Building Trade Benefits	\$0.00	\$125,000.00	\$173,990.00
				\$0.00	\$125,000.00	\$173,990.00
Sub Department: 0200 Maintenance Totals:				\$0.00	\$125,000.00	
Department: 8130 Sewage Trtmt/Disposal Totals:				\$0.00	\$125,000.00	
Department: 9020 Building Trades Benefits						
Sub Department: 0000 .						
0803.000 - Building Trades Benefits				Amended Balance as of: 4/1/2023		\$0.00
	04/10/2023	2023-00001132	Transfer from Salaries to Building Trade Benefits	\$125,000.00	\$0.00	\$125,000.00
				\$125,000.00	\$0.00	\$125,000.00
Sub Department: 0000 . Totals:				\$125,000.00	\$0.00	
Department: 9020 Building Trades Benefits Totals:				\$125,000.00	\$0.00	
Fund Totals: Water Board - Sewer				\$125,000.00	\$125,000.00	
Grand Totals:				\$160,000.00	\$160,000.00	

BANK PAID DATE	Req #	Invoice Date	PP # of #	VENDOR	Project Name	DESCRIPTION	INVOICE	AMOUNT	CIP FUNDING ACCOUNT
4/12/2023	2023-059	12/20/2022	5	RB Uren	WWTP Old Lime System Demolition	Lift Rentals	23209g-1, 23209h-1, 23209i-1	\$ 6,132.00	WWTP-14.2
4/12/2023	2023-060	2/28/2023	8	CIR Electric	Replacement of critical Heating & Ventelation Equipment	HVAC Electrical	46446	\$ 1,055.89	WWTP-7
4/12/2023	2023-061	2/28/2023	21	CIR Electric	Basin Modifications-Phase 4A	Electrical work	46476	\$ 2,706.67	WWTP-1
4/12/2023	2023-062	12/31/2022	22	CIR Electric	Screenings & Grit Transport	Electrical	46226	\$ 9,528.50	WWTP-2
4/12/2023	2023-063	10/14/2022	27	AECOM	Consent Order Services	CO Services Exclusive of 11&14	2000678748	\$ 8,938.73	WWTP-4
4/12/2023	2023-064	11/18/2022	28	AECOM	Consent Order Services	CO Services Exclusive of 11&14	2000691374	\$ 14,551.84	WWTP-4
4/12/2023	2023-065	1/20/2023	29	AECOM	Consent Order Services	CO Services Exclusive of 11&14	200713922	\$ 1,294.97	WWTP-4
4/12/2023	2023-066	2/16/2023	8	CPL	Basin Upgrades	Construction Administreaton	88816	\$ 10,505.00	WWTP-1
4/12/2023	2023-067	1/31/2023	6	John W. Danforth	Gorge Pump Station Rehab	Gorge Pump Station Rehab- General Contractor	PB110616	\$ 14,810.50	WWTP-2
4/12/2023	2023-068	2/28/2023	13	Hohl Industrial	Gen/Mech-Screenings & Grit transport	Construction	179421-13	\$ 49,438.00	WWTP-3
4/12/2023	2023-069	2/28/2023	17	Hohl Industrial	Basin Modifications	Construction	179324-17	\$ 54,530.00	WWTP-1
4/12/2023	2023-070	3/21/2023	N/A	DeNora Water Technologies, Inc.	Chlorine System Upgrades	Chlorine Gas Regulator	9200071454	\$ 2,231.12	WTP-6.1
4/12/2023	2023-071	3/22/2023	4	Ti-Sales	Meter Replacements	6" Neptune HP Protectus(2)	INV0155217	\$ 10,716.24	C-2
4/12/2023	2023-072	3/17/2023	5	Ti-Sales	Meter Replacements	3" & 4" Neptune E-coder(3)	INV0155083	\$ 9,407.96	C-2
4/12/2023	2023-073	6/7/2022	3	GHD	Intermdieate Pump Station Evaluation	Intermdieate Pump Station Evaluation	337-0003379	\$ 638.00	WWTP-12
4/12/2023	2023-074	9/6/2022	4	GHD	Intermdieate Pump Station Evaluation	Intermdieate Pump Station Evaluation	337-0004356	\$ 3,798.00	WWTP-12
4/12/2023	2023-075	10/11/2022	5	GHD	Intermdieate Pump Station Evaluation	Intermdieate Pump Station Evaluation	337-0004730	\$ 5,531.00	WWTP-12
4/12/2023	2023-076	11/7/2022	6	GHD	Intermdieate Pump Station Evaluation	Intermdieate Pump Station Evaluation	337-0005051	\$ 2,767.00	WWTP-12
4/12/2023	2023-077	11/26/2022	7	GHD	Intermdieate Pump Station Evaluation	Intermdieate Pump Station Evaluation	337-0005216	\$ 4,638.00	WWTP-12
4/12/2023	2023-078	2/7/2023	8	GHD	Intermdieate Pump Station Evaluation	Intermdieate Pump Station Evaluation	337-0006141	\$ 568.00	WWTP-12
4/27/2023	2023-079	3/13/2023	N/A	CPL	Combined Projects-Misceleneous	Professional Services-Capital Work Management	89370	\$ 43,579.77	C-5
4/27/2023	2023-080	3/29/2023	1-Final	DCB Elevator	Miscellaneous Infrastructure	Pump Room Elevator Drive	89925	\$ 27,195.00	WWTP-17
4/27/2023	2023-081	3/14/2023	1	DeNora Water Technologies, Inc.	WTP Chlorine System Upgrades	Machine Upgrades	9200071168	\$ 12,294.67	WTP-6.1
4/27/2023	2023-082	3/28/2023	2	DeNora Water Technologies, Inc.	WTP Chlorine System Upgrades	Machine Upgrades	9200071975	\$ 6,704.00	WTP-6.1
4/27/2023	2023-083	4/11/2023	14	Hohl Industrial	Gen/Mech-Screenings & Grit transport	Construction	179421-14	\$ 30,438.00	WWTP-3
4/27/2023	2023-084	3/28/2023	Retention	John W. Danforth	Conference Room	HVAC Relocation	Retention	\$ 4,713.35	WTP-6
								\$ 338,712.21	



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

1. Treatment & Plant Maintenance

1.1. Water – Robert Rowe, updated 05/10/2023.

OPERATIONS AND MAINTENANCE

Total water production for the month of April was 598 million gallons. The average daily water production was 19.9 million gallons. The plant data summary table is included below for your reference.

2023 TOTALS AND AVERAGES

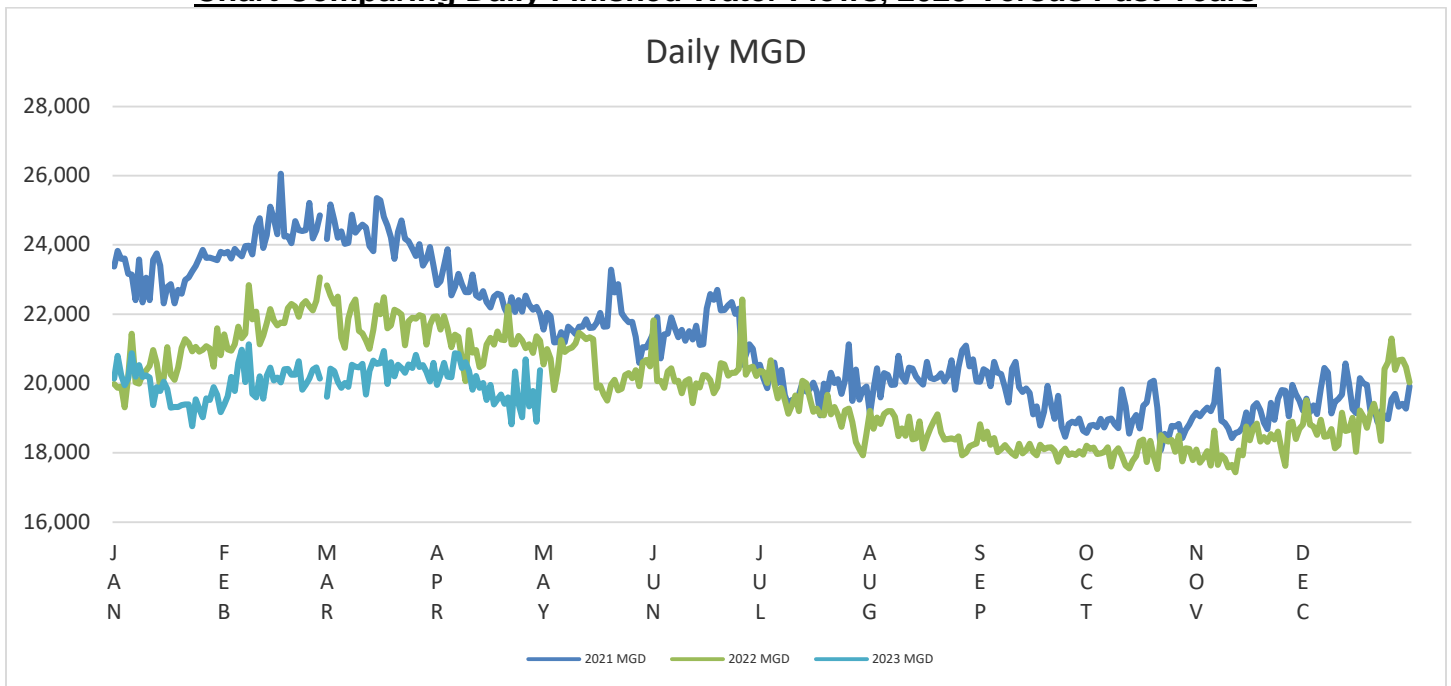
	R/W	PRE CL2	PACL	H2SiF6	PO4	POST CL2	F/W 1000 GAL/ DAY
	PUMPAGE	LBS	LBS	LBS	LBS	LBS	
JAN	612909	7237	154400	15124	1634	3720	19771
FEB	564652	6502	120100	14151	1547	3353	20166
MAR	630959	6898	138000	15821	1742	3980	20354
APR	598023	7137	122000	14989	1624	3782	19934
MAY							
JUN							
JUL							
AUG							
SEP							
OCT							
NOV							
DEC							
TOTAL	2406543	27774	534500	60085	6547	14835	80225



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	14.7	8.1	0.57	1.24	0.047	7.5	0.67
MAR	8.0	8.1	0.56	1.24	0.031	7.6	0.67
APR	6.1	8.0	0.55	1.24	0.038	7.4	0.71
MAY							
JUN							
JUL							
AUG							
SEP							
OCT							
NOV							
DEC							
AVG	12.0	8.0	0.57	1.24	0.040	7.5	0.68

Operations and Maintenance Highlights

Operations welcomes our new Operator Trainee, Jason Sandonato, and we congratulate Operator Trainee, Kevin Lubkowski, for recently attending and passing the NY State Operator Certification training. Once fully trained and all time requirements are met, Kevin will have his interview with DOH and move into one of our currently open shifts (hopefully by the end of this year).

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



Wastewater – Dennis Kirkland, Acting Chief Operator- updated 05/4/23

April 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. Sed Basin #4 is also done other than the Sprocket Motion Monitor and tipping pole sensors. Hohl took over Sed Basin #3 and has dismantled all the equipment and now building the forms for concrete.

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. NFWB to build pressure gauge board GHD to provide plans. HVAC has been changed to our specifications.

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. Concrete forming is complete for second set of tanks and hoppers, floor drains are being cored out as well. Drain piping installed on grit conveyor.

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 is just about complete at the facility. We had some necessary changes that needed to be made. The control and monitoring P.C. has been setup and the program is being installed and fine-tuned for our system.

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 completed as well, 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
	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	24.78	42.82	13.82	1.6	1.0	1092.0	319.0	575.0	2139.0	16920	23.3	0	175760	26.8
March	33.05	48.46	15.03	1.5	1.6	1487.0	401.0	1408.0	2475.0	22820	46.5	0	242440	34.1
April	28.34	42.67	13.48	1.5	2.7	1378.0	386.0	1317.0	2235.0	21090	51.3	0	139155	17.4
May														
June														
July														
August														
September														
October														
November														
December														
Totals	29.00	45.10	14.11	1.6	6.0	5317.0	1471.0	4329.0	9238.0	80520	160.8	0	756205	110.2

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 05/04/2023

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	151	16590	500	56	24.92	7	4	4	7	3
March	156	33201	931	135	145.5	2	5	1	2	4
April	148	29160	937	476	41.1	4	2	0	2	5
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	7	5	12	3	1	1	1	0	102	0	0	151	0	0	500
March	2	8	15	3	0	15	1	0	237	0	0	156	2	0	931
April	5	11	17	8	2	13	3	12	188	0	0	148	13	5	1023
May															
June															
July															
August															
September															
October															
November															
December															
Totals															



3. Analytical Services

3.1 Water Laboratory – Jordan Boyd, updated 5/4/2023

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

- Monthly collection for the Distribution System was conducted in April. 60 Samples for Free Chlorine, Turbidity, Phosphate, Fluoride, Standard Plate Count & Mf Coliform. Those results were satisfactory and were within reporting limits.
- Monthly sampling for TOC, DOC & UV254 on both finished and source water were collected in April. All samples were in compliance.
- First quarter UCMR5 samples (Unregulated Contaminant Monitoring Rule 5) were collected in March and sent out to Pace Analytical for analysis. Those results were satisfactory and were well reporting limits.

2. In-house/DEC Monitoring

- All in-house monitoring for process water bacteriology and chemistry was within normal limits for April.
- No water main breaks or community complaints were sampled in April.
- The monthly SPDES sample collected from the freeze thaw beds was within normal limits for April. Chloroform and Dichlorobromomethane were sampled in April according to the new SPDES permit established for 2023.
- Samples analyzed for 2023: 4,176.

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 6 samples for Total Organic Carbon and 19 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 20 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 \$9,994.50

3.2 Wastewater Laboratory - Brian Eldridge 5/10/2023

1. The data for April's State Pollutant Discharge Elimination System (SPDES) report is currently being compiled.
2. All CSO sampling was completed for the month of April.



4. Customers & Compliance

4.1. Meter Shop – Bob Reid Updated 5/9/23

Shop read 7184 Residential Meters. Also obtained 29 N.R. reads.

MONTH:	WORK ORDERS	STOPPED METERS	Registers Replaced	Properties Tagged	INDUSTRIAL METERS READ	RESIDENTIAL METERS READ
JANUARY	75	7	6	7	0	7186
FEBRUARY	76	5	7	12	0	5244
MARCH	72	2	14	11	570	5418
APRIL	76	0	6	7	0	7184
MAY						
JUNE						
JULY						
AUGUST						
SEPTEMBER						
OCTOBER						
NOVEMBER						
DECEMBER						
TOTAL	299	14	33	37	570	25032

METER READINGS:

DISTRICT 2	B.REID	M.MYERS	V.Virtuoso	J.PAUL	F.DERUBEIS	TOTAL
4/3/23	944			1611		2555
4/4/23	2123			1705		3828
4/5/23	791					791
4/6/23					10	10
TOTAL	3858			3316	10	7184
NR'S						
4/24/23	29					29
TOTAL	3887			3316	10	7213



4. Industrial Pretreatment Monitoring / Enforcement – Joel Paradise updated 5/04/2023

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.
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 was finalized in early 2023.



4. Industrial Pretreatment Monitoring / Enforcement (continued) updated 5/04/2022

7. 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.

8. The electronic copy Niagara Falls Water Board's 2022 Industrial Pretreatment Program's Annual Report to the USEPA due March 1st, 2023 was sent out in the AM on Monday, February 27th, 2023. The hard copies were postmarked for delivery via USPS on 3/27/2023 and received on 3/3/2023.

9. On Tuesday, March 7th, 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.

10. The new combined Cascades / Greenpac discharge permit #80 "Greenpac Mill LLC" was issued on April 13, 2023.

11. Phone calls were held with the NYSDEC, the USEPA and Rob Rowe, Chief WTP Operator, to discuss the proposal by the NFWB Water Treatment Plant (WTP) to divert the flow of sludge from its current treatment location at the WTP into an onsite sanitary sewer to convey that sludge to the NFWB WWTP for treatment there. A meeting was held at the WTP with Rob Rowe to start the development of the Discharge Permit with the WWTP. Rob submitted the draft of the permit application to the Executive Director for his approval and signature. Samples necessary for the development of the discharge permit were collected on Thursday May 27th, and sent for analysis.

12. The NFWB received the report of the results of the NFWB Pretreatment Compliance Audit conducted on behalf of the EPA on Tues. 2/14 - 2/15/2023. The report arrived on Tuesday, April 25th in the form of an "Information Request" and "Administrative Compliance Order". A meeting was held on Thursday, April 27th, 2023 to plan and begin the process of the response from the NFWB.

4. Safety – John Accardo, Updated 5/9/2023

1. NF. Fire Dept. to perform their annual inspection on May 3 at 9:00 a.m.
2. PERMA to complete their annual inspection May 16th and 17th.
3. Scrubber is repaired.
4. Life preservers and throw ropes in place on basins at WWTP.
5. Smoke detector replacement at WTP in progress.



6. Technical Services – Doug Williamson, updated 5/5/2023

1. LaSalle SSO Abatement Program and Consent Order (R9-20080528-32):

LaSalle SSES Phase 1 kickoff meeting was held with Arcadis on February 22nd. LaSalle SSO project work for night-time weiring (12:00am and 6:00am) was performed on March 29, 30, and 31 to identify sewer system defects. Smoke testing was performed the week of April 10th.

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 April, 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.3 continued in April.

Project 2 GPS Rehabilitation – Final Project close-out documents were received on March 31st.

Project 3 Screenings and Grit Transport Equipment Improvements – Construction is ongoing in the polymer area.

Project 5 Electrical System Improvements – Waiting on power center 2 and 5 transformer delivery for Phase II work with Ferguson Electric.

Project 7 Replacement of Critical Heating & Ventilation Equipment – Weekly inspection progress reports have been provided along with HVAC and Electrical punch lists. Construction is nearing completion.

Project 10 SCADA Improvements – work continued as necessary.

Project 11 Exterior Piping Improvements – has been completed except for site restoration.

Project 12 WWTP Intermediate Pumps Condition Assessment report was received from GHD on January 23rd and has been under review. We continue to meet with CPL to determine how to proceed with the project.



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

Items:

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

The PCBMP Annual Report for 2022 was submitted to the NYSDEC on April 7th.

The BHC PMP Annual Report for 2022 was submitted to the NYSDEC on May 1st.

Addressed 2022 CSO BMP annual report comments in April.

The WWTP NetDMR was approved in April for February 2023. There continue to be violations for the alpha BHC limit each month. A report of non-compliance event was provided to the NYSDEC.

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

The 2023 Spring Town of Niagara flow monitoring was completed for the period of 3/13/23 (flow meter installs) to 4/10/23 (flow meter removals). The Spring of 2023 average flow total was calculated.

We are looking into renegotiating the Agreement in early 2024.

5. **Stormwater Management**

WNYSC meeting was held in April. 2022 Stormwater annual report will be due at the end of May.

6. **Engineering Support**

In April, the engineering department continued to provide engineering and GIS support to NFWB departments, engineering consultants and developers as Needed. Attended weekly **WWTP and WTP O & M meetings** regarding ongoing and planned projects.

Certificate for CBS No. 9-000155, NIAGARA FALLS WASTEWATER FACILITY was received on April 27th.

7. **Capital Improvement Projects:**

In April, the **5 Year Capital Improvement Plan** project statuses and progress continued to be tracked. Met with EFC and CPL in April regarding CWSRF projects and plan to meet quarterly, if necessary. CPL memo that was updated on April 24th regarding **WWTP Phase II Projects** was submitted to NYSDEC/EFC for approval on May 4th. Grants status update meeting was held on April 4th with CPL, AECOM and NFWB staff and plan to meet monthly.



Water Projects

The **Whitney Avenue** watermain replacement project was advertised for bids on April 26th with the bid opening on May 16th at 2 pm.

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

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

The **2022 WIIA grant for water projects** was not awarded and may be resubmitted in 2023.

Sewer Projects

RFP 2023-02 Local Limits Reevaluation to reevaluate the local limits established on our significant industrial user's sanitary sewer discharges was awarded to AECOM at the March Board meeting and the agreement was signed in April.

WTP Projects

Water Treatment Plant Fluoride System Assessment kick-off meeting with C & S Engineers, Inc. was held on March 13th to develop an engineering report accessing the fluoride system, under Drinking Water Fluoridation Component 1 (Planning Study for water plant upgrades), NYS Division of Family Health Grant #T37250GG. The 3rd quarterly report was submitted on March 30th and revised on April 4th. Watts Engineers was on site April 26th to inspect the Fluoride room.

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 plan on using some of the **2021 WIIA Sewer (WWTP) Grant** 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.



2023 OXIDIZER BUDGET

BUDGET = \$9,000,000.00 for year

COST = \$1,817,802.05 to date

% USED = 20.20% to date

BUDGET = \$24,657.53 per day avg. \$750,000.00 per month avg.

COST = \$15,148.35 per day avg. \$454,450.51 per month avg.

29.1 Flow (MGD) 120 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-2023	924.9	0	203,550	223	\$486,280.95	364.8	136.7	36.9	39.7
Feb-2023	693.8	0	175,760	258	\$419,890.64	319.5	181.2	31.7	23.3
Mar-2023	1,024.5	0	242,440	172	\$579,189.16	255.7	77.1	42.8	44.8
Apr-2023	850.2	0	139,155	330	\$332,441.30	385.6	111.0	39.5	51.3
May-2023									
Jun-2023									
Jul-2023									
Aug-2023									
Sep-2023									
Oct-2023									
Nov-2023									
Dec-2023									
TOTALS	3,493.5	0	760,905	246	\$1,817,802.05	1,325.6	118.1	151.0	159.1

Low value for year

High value for year

2022 Oxidizer Figures for Comparison:

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.

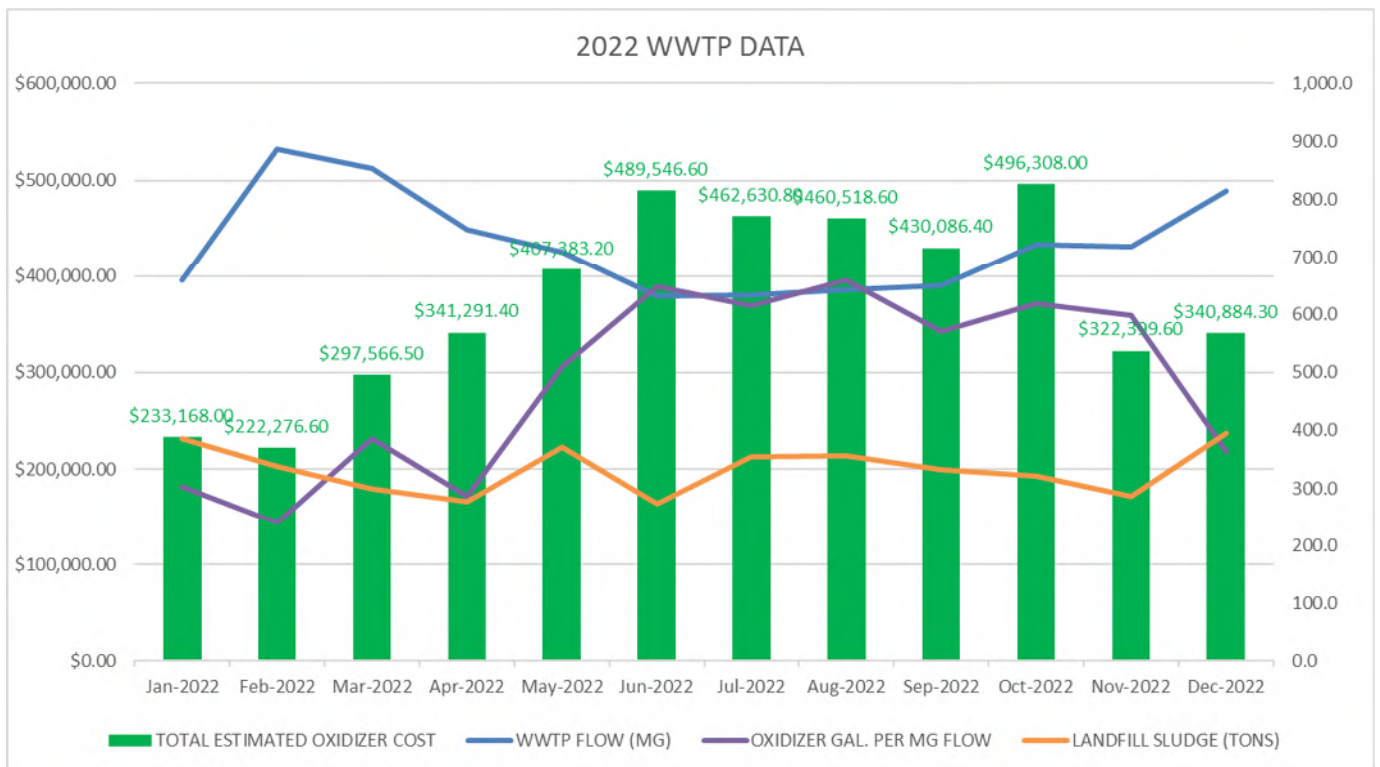
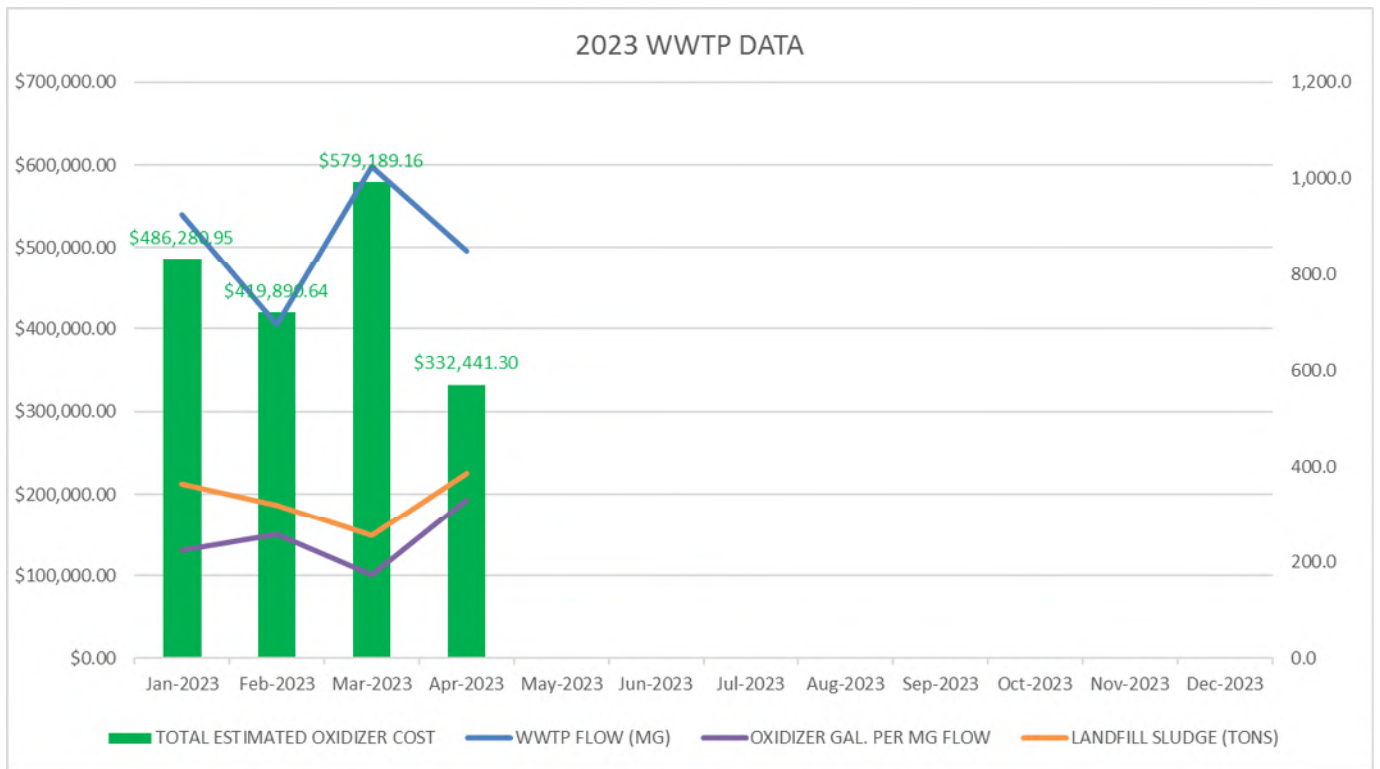
23.8 Flow (MGD) 365 total days



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	831.7	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	\$495,308.00	321.6	92.0	41.8	64.3
Nov-2022	718.8	0	273,220	589	\$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










7. SECURITY REPORT— John Accardo 5/10/2023

1. No WWTP security incidents were reported in April.
2. Awaiting revised quote from Ferguson Electric for WTP security upgrades.

8. INFORMATION TECHNOLOGY (I.T.) 5/13/2023

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)**

NFWB – WTP – The IT server room and AC are installed. Fiber has been installed. IT infrastructure is still running on the temporary network. Need to purchase some additional equipment to switch to the fiber connection, as well as plan a time and date for cutover with the least amount of downtime.

NFWB – WTP - Lucity software is running on Server 2012 which will no longer be supported after Oct 10, 2023. Upgrade to new OS tentative for August 2023

NFWB – WTP – NFWB cyber insurance vendor now requires all VPN users to have 2FA enabled by the end of June 2023. We are currently testing this software and plan on implementing it in early June 2023.

NFWB – WWTP - New Domain Controller was installed successfully at WWTP. It is now the primary Domain Controller.

NFWB – The wireless access points are being tested and getting ready for deployment at both sites.

NFWB – 3CX Phone System tested successfully. We received quotes from Spectrum and are currently working on a project to implement the new phone system. The deployment will include the equipment needed for installation. It provides detailed deployment guidelines and deployment phases. It will involve preparation, installation, testing, and verification.



Project planning:

- TBD: Upgrade WTP Main Security Gate. We've determined that we will need a trench dug so we can run conduit with direct burial Ethernet or Fiber to the gate. From there we will need to seek a new Gate/Intercom that will interface with our existing Verkada security system. Due to weather and the Gate intercom no available yet, estimated potential kick-off May/June

9. SYSTEM INFRASTRUCTURE AND OPERATIONS – Russell DeFranco 4/13/2023

WTP

1. Freeze-thaw beds – permit for sending WTP wastewater directly to WWTP with induction is in progress.
2. Chlorine piping gallery vent repair drawings completed by CPL. Next step is to release bid.
3. Roof repair estimate in progress, roof above Power Center 1 to be repaired first.
4. Awaiting quote for additional repairs to backup generator transfer switch and Power Centers 1, 2, and 3.

WWTP

1. Need drawing for electricians to complete A/C compressor work for Administration Building.

NIAGARA FALLS WATER BOARD RESOLUTION # 2023-05-001

**AUTHORIZING EXECUTION OF ENGINEERING PLANNING
GRANT AGREEMENT FOR LASALLE
SANITARY SEWER EVALUATION SURVEY PROJECT**

WHEREAS, the Niagara Falls Water Board (“the Water Board”), pursuant to NYS Department of Environmental Conservation (“DEC”) Order on Consent R-9-20080528-32, is required to perform certain work to mitigate sanitary sewer overflows in the LaSalle area sanitary sewer system; and

WHEREAS, in connection with the requirements of the Order on Consent, in December 2022 Water Board awarded a contract for sanitary sewer evaluation survey work in a portion of the LaSalle sanitary sewer system to Arcadis, for a total fee not to exceed \$126,935; and

WHEREAS, the Water Board applied for and was awarded Engineering Planning Grant No. 111586 in the amount of \$100,000 from the NYS Environmental Facilities Corporation to offset the cost of this necessary work; and

WHEREAS, disbursement of the grant funds requires a formal agreement with EFC, which now has been prepared for execution;

* CONTINUED ON NEXT PAGE *

NOW, THEREFORE, BE IT

RESOLVED, that the Niagara Falls Water Board hereby authorizes the Executive Director to execute an agreement with the NYS Environmental Facilities Corporation for Engineering Planning Grant No. 111586, providing \$100,000 in grant funding for LaSalle sanitary sewer evaluation survey work, as well as any other documents necessary or convenient for the administration or disbursement of those grant funds.

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

Water Board Budget Line or Capital Plan Item with Funds for this Resolution:
Not applicable.

On May 22, 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	[]	[]	[]	[]
Chairperson Forster	[]	[]	[]	[]

Signed By:

Vote Witnessed By:

Nicholas J. Forster, Chairman

Sean W. Costello, Secretary to Board

**WWTP PROJECT 3 CHANGE ORDERS FOR POLYMER SYSTEM INSTRUMENTS
AND BELT FILTER PRESS DRIVE MOTORS**

WHEREAS, the Niagara Falls Water Board (“Water Board”) has underway a construction project that it refers to as wastewater treatment plant (“WWTP”) Project 3 – Screenings and Grit Transport Equipment Improvements, Polymer Equipment Upgrades, and Dewatering Equipment Control Upgrades, required pursuant to Order on Consent R9-20170906-129 with the New York State Department of Environmental Conservation (“Project 3”); and

WHEREAS, the original scope of work for Project 3 nearly is complete, but several small project changes have been identified and requested by Water Board staff in order to increase the utility of the improvements made to the belt filter presses and polymer system in connection with Project 3; and

WHEREAS, the change orders that are the subject of this Resolution include work required to utilize existing variable frequency drives to control the speed of each belt filter press drive motor and improvements to the instrumentation and controls for the polymer system including improved tank pressure transducers and connecting tank level transmitters to the new polymer system’s local control panels; and

WHEREAS, Arcadis, as the Water Board’s engineers for Project 3, has prepared the plans and specifications for the desired work and has negotiated change orders for the desired work, with Change Order 3-EC-002 representing the cost for CIR Electrical Construction Corp. to perform the necessary electrical work for the improvements described above for a total cost not to exceed \$11,136.50 and Change Order 3-GC-002 representing the cost for Hohl Industrial Services, Inc., to perform the necessary general contractor work for the improvements for a total cost not to exceed \$16,052.59; and

WHEREAS, these change orders include an extension of the contract times as is required to complete the additional work; and

WHEREAS, the Water Board will seek reimbursement of one-half of the cost of this work under its State and Municipalities “SAM” Grant, Phase 1 – Upgrade and Improve the Niagara Falls Waste Water Treatment Plant, Project ID: 15688; and

* CONTINUED ON NEXT PAGE *

NOW THEREFORE BE IT

RESOLVED, that the Executive Director hereby is authorized to execute on behalf of the Niagara Falls Water Board Change Order 3-EC-002 to the Project 3 contract with CIR Electrical Construction Corp., for a net increase of \$11,136.50 in the contract amount; and

IT IS FURTHER RESOLVED, that the Executive Director hereby is authorized to execute on behalf of the Niagara Falls Water Board Change Order 3-GC-002 to the Project 3 contract with Hohl Industrial Services, Inc., for a net increase of \$16,052.59 in the contract amount.

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 Plan Item: WWTP 3

On May 22, 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

Outstanding Change Issues Log
Niagara Falls Water Board
Niagara Falls Wastewater Treatment Plant - Project 3

BELT FILTER PRESS

Contractor	Change Issue	Description of Change Item	Amount (\$)	Comments
HOHL	3-GC-004a	Belt Filter Press Improvements	-	To be completed under a separate Change Order
HOHL	3-GC-009	BFP HMI modifications for TSP selection and speed control	-	NFWB will self-perform this work
HOHL	3-GC-010a	BFP Belt Drive Motor - Existing VFD Re-Use	-	Change issue will not be considered further. Belt drive motors will be powered through the new VFDs in the Alfa Laval control panels
HOHL	3-GC-018	Replacement of Polymer Flow Switches	-	To be completed under a separate Change Order
CIR	3-EC-007	Additional conduit and wire between BFP junction boxes and LCPs	-	NFWB will self-perform this work
CIR	3-EC-008a	BFP Belt Drive Motor - Existing VFD Re-Use	-	Change issue will not be considered further. Belt drive motors will be powered through the new VFDs in the Alfa Laval control panels
CIR	3-EC-008b	BFP Belt Drive Motor - Use New LCP VFD's	\$1,517.82	
TOTAL			\$1,517.82	

POLYMER SYSTEM

Contractor	Change Issue	Description of Change Item	Amount (\$)	Comments
HOHL	3-GC-013	Swapping of Polymer System Pressure Transducers	\$12,692.09	
HOHL	3-GC-015a	Additional 4-20mA Signals from Existing Polymer Tank Level Transmitters to New LCPs	\$3,370.50	
HOHL	3-GC-016	Provide dehumidifiers for the dry polymer hoppers	-	NFWB to self-perform this work
CIR	3-EC-012	Swapping of Polymer System Pressure Transducers	\$1,643.59	
CIR	3-EC-014	Additional 4-20mA Signals from Existing Polymer Tank Level Transmitters to New LCPs	\$7,975.09	
TOTAL			\$25,681.27	

Total CIR: \$11,136.50
Total Hohl: \$16,062.59
Total Amount for Change Order No. 2: \$27,199.09

CHANGE ORDER 3-EC-002

Owner: Niagara Falls Water Board Owner's Project No.: 3
Engineer: Arcadis of New York, Inc. Engineer's Project No.: 30066326
Contractor: CIR Electrical Construction Corp. Contractor's Project No.: 2002042
Project: Project No. 3
Contract Name: Electrical Contract 3E
Date Issued: April 6, 2023 Effective Date of Change Order: April 6, 2023

The Contract is modified as follows upon execution of this Change Order:



Description:

1. Provide all necessary Work, that is currently not part of Project 3, to utilize the VFDs within the Alfa Laval control panels for speed control of each belt filter press belt drive motor.
2. Provide additional electrical Work to replace the dry polymer system mix/aging tank pressure transducers.
3. Provide additional conduit and wiring to transmit the existing 4-20mA signals from the existing polymer tank level transmitters to the new polymer system local control panels.

Attachments:

1. 3/29/2023 Change Proposal and 1/27/2023 Proposal Request for change issue 3-EC-008b.
2. 10/12/2022 Change Proposal and 10/11/2022 Proposal Request for change issue 3-EC-012.
3. 3/28/2023 Change Proposal and 3/18/2023 Proposal Request for change issue 3-EC-014.

Change in Contract Price	Change in Contract Times (Calendar Days)
Original Contract Price: \$ 140,800.00	Original Contract Times: Substantial Completion: 172 Ready for final payment: 200
[Increase] [Decrease] from previously approved Change Orders: \$ 64,322.07	[Increase] [Decrease] from previously approved Change Orders: Substantial Completion: 0 Ready for final payment: 0
Contract Price prior to this Change Order: \$ 205,122.07	Contract Times prior to this Change Order: Substantial Completion: 172 Ready for final payment: 200
[Increase] [Decrease] per this Change Order: \$ 11,136.50	[Increase] [Decrease] this Change Order: Substantial Completion: 832 Ready for final payment: 832
Contract Price incorporating this Change Order: \$ 216,258.57	Contract Times with all approved Change Orders: Substantial Completion: 1004 (8/31/2023) Ready for final payment: 1032 (9/28/2023)

	Recommended by Engineer	Accepted by Contractor
By:	<u></u>	<u></u>
Title:	<u>Project Manager</u>	<u>President</u>
Date:	<u>April 6, 2023</u>	<u>4-6-2023</u>
	Authorized by Owner	Approved by Funding Agency (if applicable)
By:	<u> </u>	<u> </u>
Title:	<u> </u>	<u> </u>
Date:	<u> </u>	<u> </u>



CHANGE ORDER RECAP

Job Name:	NFWB Project #3	Date:	2/7/2023
Contract No.:	Change Order No.:18	Job No.:	2002042

Description:

Provide labor and materials to install additional electrical work for the existing BFP Drive Motor VFD demo per RFP 3-EC-008b. Work is for all three units as requested.

Material	Material Total	Labor	Hours	Rate	Labor Total
See the attached	\$ 66.60				\$ -
		Foreman	15	\$ 83.55	\$ 1,253.25
	\$	Journeyman	-	\$ 100.12	\$ -
		Foreman	-	\$ 108.84	\$ -
		Journeyman	-	\$ 77.73	\$ -
					\$ -
					\$ -
					\$ -
					\$ -
					\$ -
Material Subtotal:	\$ 66.60				\$ -
Job Expenses:		Supervision (12.5%)	0.000	\$ 125.00	\$ -
Document Control		Tool Usage (4% of Labor)			\$ -
Travel Time Costs		Total Labor Costs:			\$ 1,253.25
Telephone		SUBTOTAL(L+M+JE)			\$ 1,319.85
Transportation		Research & Layout		0%	\$ -
Storage / Warehouse		Material Handling		0%	\$ -
Safety (3% of Labor)	\$	Clean Up Costs:		0%	\$ -
Inspections & Permits					
Record Drawings					
Fuel Surcharges (4% of Material)		SUBTOTAL:			\$ 1,319.85
		Overhead & Profit		15%	\$ 197.97
Total Job Expenses	\$			0%	\$ -
Qualifications & Clarifications: 1.) Sales Tax is NOT included 2.) Straight Time only-NO overtime included 3.) No cutting and patching included 4.) Schedule Impact		Subcontract			
		Subcontract Mark-up	5%		\$ -
		TOTAL:			\$ 1,517.82
		Tax on Total	-		\$ -
		Bond Cost	2%		
QUOTE TOTAL					\$ 1,517.82

We reserve the right to correct any and all errors and omissions

	Description	Quantity	Trade Price	Unit	Disc %	Link Price	Net Cost	Labor	Unit	Total Material	Total Hours
1	3/4" PLUG RSCD - MALL	12	377.00	C	0.00	555.00	555.00	5.50	C	66.60	0.66
2	#12/3C + GRD MOTOR TERM TO 600V	3	0.00	E	0.00	0.00	0.00	0.75	E	0.00	2.25
3	Demo and dispose of existing VFD	3	0.00	E	0.00	0.00	0.00	1.00	E	0.00	3.00
4	Demo conduit & wiring back to source	3	0.00	E	0.00	0.00	0.00	2.00	E	0.00	6.00
5	Demo VFD componants	3	0.00	E	0.00	0.00	0.00	1.00	E	0.00	3.00
	Totals	24								66.60	14.91



NIAGARA FALLS WATER BOARD
NIAGARA FALLS WASTEWATER TREATMENT PLANT – PROJECT NO. 3

PROPOSAL REQUEST

Proposal Request No.: 3-EC-008b Date: January 27, 2023

Contract Name and No.: Electrical

Contractor: CIR Electrical Construction Corp.

Other Contracts Involved in Proposed Change: General

TO CONTRACTOR: Please submit a complete Change Order proposal for the proposed modifications described below. If the associated Change Order proposal is approved, a Change Order will be issued to authorize adjustment to the scope of Work. This Proposal Request is not a Change Order, Work Change Directive, or an authorization to proceed with the proposed Work described below.

SCOPE OF PROPOSED WORK:

1. *Change Issue 3-EC-008b: Existing BFP Drive Motor VFDs Demolition*

- Provide all necessary work, that is currently not part of Project 3, to utilize the VFD's within the Alfa Laval Control Panels for speed control of each belt filter press belt drive motor. This includes:
 - Remove and dispose of the existing speed controller and all wire/conduit associated with the speed controller.
 - Plug speed controller conduit entrance into VFD box to ensure watertightness.
 - Remove and dispose of all existing VFD wire/conduit back to its source.
 - Remove components of the existing VFD and re-use as a junction box to splice the wires from the Alfa Laval VFD's to the existing motor leads.

Proposal Requested By: Arcadis of New York, Inc.

Signature of Requestor: 



CHANGE ORDER RECAP

Job Name:	NFWB Project #3	Date:	10/12/2022
Contract No.:	Change Order No.:17	Job No.:	2002042
Description: Provide labor and materials to install additional electrical work for the pressure transducer replacement per CI 3-EC-012.			

Material	Material Total	Labor	Hours	Rate	Labor Total
See the attached	\$ 700.54				\$ -
		Foreman	5	\$ 83.55	\$ 417.75
	\$ -	Journeyman	-	\$ 100.12	\$ -
		Foreman	-	\$ 108.84	\$ -
		Journeyman	4	\$ 77.73	\$ 310.92
					\$ -
					\$ -
					\$ -
					\$ -
Material Subtotal:	\$ 700.54				\$ -
Job Expenses:		Supervision (12.5%)	0.000	\$ 125.00	\$ -
Document Control		Tool Usage (4% of Labor)			\$ -
Travel Time Costs		Total Labor Costs:			\$ 728.67
Telephone		SUBTOTAL(L+M+JE)			\$ 1,429.21
Transportation		Research & Layout		0%	\$ -
Storage / Warehouse		Material Handling		0%	\$ -
Safety (3% of Labor)	\$ -	Clean Up Costs:		0%	\$ -
Inspections & Permits					
Record Drawings					
Fuel Surcharges (4% of Material)		SUBTOTAL:			\$ 1,429.21
		Overhead & Profit		15%	\$ 214.38
Total Job Expenses	\$ -			0%	\$ -
Qualifications & Clarifications: 1.) Sales Tax is NOT included 2.) Straight Time only-NO overtime included 3.) No cutting and patching included 4.) Schedule Impact		Subcontract			
		Subcontract Mark-up		5%	\$ -
		TOTAL:			\$ 1,643.59
		Tax on Total		-	\$ -
		Bond Cost		2%	
		QUOTE TOTAL			\$ 1,643.59

We reserve the right to correct any and all errors and omissions

	Description	Quantity	Trade Price	Unit	Disc %	Link Price	Net Cost	Labor	Unit	Total Material	Total Hours
1	3/4" 2-H STRAP - EMT - STEEL	4	58.30	C	20.00	54.70	54.70	6.00	C	2.19	0.24
2	3/4" FLEX - LIQUIDTIGHT METALLIC - GRAY	12	148.08	C	20.00	200.39	200.39	4.95	C	24.05	0.59
3	3/4" CONN STRAIGHT - LIQUIDTIGHT DIECAST	4	271.51	C	20.00	593.05	593.05	17.00	C	23.72	0.68
4	3/4" CONN 90 DEG - LIQUIDTIGHT NYLON	4	682.18	C	20.00	923.82	923.82	9.80	C	36.95	0.39
5	#16- 1P CTRL-AUDIO-INST SPIRAL SHIELD	250	2,430.31	M	0.00	0.00	2,430.31	11.20	M	607.58	2.80
6	CABLE TAG	8	0.75	E	0.00	0.00	0.75	0.10	E	6.00	0.80
7	#10x 1 F/H SELF-TAP SCREW	1	8.99	C	40.00	0.00	5.39	0.00	C	0.05	0.00
8	#16 WIRE CONTROL TERM	24	0.00	E	0.00	0.00	0.00	0.07	E	0.00	1.68
9	Disconnect existing wiring	4	0.00	E	0.00	0.00	0.00	0.50	E	0.00	2.00
	Totals	311								700.54	9.19



NIAGARA FALLS WATER BOARD
NIAGARA FALLS WASTEWATER TREATMENT PLANT – PROJECT NO. 3

PROPOSAL REQUEST

Proposal Request No.: 3-EC-012 Date: October 11, 2022

Contract Name and No.: Electrical

Contractor: CIR Electrical Construction Corp.

Other Contracts Involved in Proposed Change: General


TO CONTRACTOR: Please submit a complete Change Order proposal for the proposed modifications described below. If the associated Change Order proposal is approved, a Change Order will be issued to authorize adjustment to the scope of Work. This Proposal Request is not a Change Order, Work Change Directive, or an authorization to proceed with the proposed Work described below.

SCOPE OF PROPOSED WORK:

1. *Change Issue 3-EC-012, Replacement of New Polymer System Pressure Transducers:*

- Disconnect each polymer mix/aging tank pressure transducer cable from each new dry polymer system local control panel (LCP). Removal of each pressure transducer and the associated cable will be by the General Contractor.
- Provide new 2C#16TSP in existing 3/4-inch diameter conduit for each dry polymer system and terminate at each LCP and each replaced pressure transducer.
- Provide flexible electrical conduit in accordance with Section 26 05 33.16, Flexible Conduits to enclose the new pressure transducer cables.

Proposal Requested By: Arcadis of New York, Inc.

Signature of Requestor: 



CHANGE ORDER RECAP

Job Name:	NFWB Project #3	Date:	3/28/2023
Contract No.:	Change Order No.:19	Job No.:	2002042
Description: Provide labor and materials to install 4-20ma signals from existing polymer tank transmitters to the LCPs per RFP 3-EC-014.			
Material	Material Total	Labor	Labor Total
See the attached	\$ 1,649.61		\$ -
		Foreman 40	\$ 83.55 \$ 3,342.00
	\$ -	Journeyman	\$ 100.12 \$ -
		Foreman	\$ 108.84 \$ -
		Journeyman 25	\$ 77.73 \$ 1,943.25
			\$ -
			\$ -
			\$ -
			\$ -
Material Subtotal:	\$ 1,649.61		\$ -
Job Expenses:		Supervision (12.5%) 0.000	\$ 125.00 \$ -
Document Control		Tool Usage (4% of Labor)	\$ -
Travel Time Costs		Total Labor Costs:	\$ 5,285.25
Telephone		SUBTOTAL(L+M+JE)	\$ 6,934.86
Transportation		Research & Layout 0%	\$ -
Storage / Warehouse		Material Handling 0%	\$ -
Safety (3% of Labor)	\$ -	Clean Up Costs: 0%	\$ -
Inspections & Permits			
Record Drawings			
Fuel Surcharges (4% of Material)		SUBTOTAL:	\$ 6,934.86
		Overhead & Profit 15%	\$ 1,040.23
Total Job Expenses	\$ -	0%	\$ -
Qualifications & Clarifications: 1.) Sales Tax is NOT included 2.) Straight Time only-NO overtime included 3.) No cutting and patching included 4.) Schedule Impact		Subcontract	
		Subcontract Mark-up 5%	\$ -
		TOTAL:	\$ 7,975.09
		Tax on Total -	\$ -
		Bond Cost 2%	
		QUOTE TOTAL	\$ 7,975.09

We reserve the right to correct any and all errors and omissions

	Description	Quantity	Trade Price	Unit	Disc %	Link Price	Net Cost	Labor	Unit	Total Material	Total Hours
1	3/4" CONDUIT - RMC - GALV	200	442.90	C	55.00	205.36	205.36	9.00	C	410.72	18.00
2	3/4" CONN THRD HUB INSUL - RMC - MALL OR STL	18	1,041.85	C	9.76	779.56	779.56	18.00	C	140.32	3.24
3	3/4" TYPE LB STD CONDUIT BODY W/ CVR & GSKT - RMC	2	13.93	E	12.00	0.00	12.26	0.75	E	24.52	1.50
4	3/4" TYPE T STD CONDUIT BODY W/ CVR & GSKT - RMC	6	16.24	E	12.00	0.00	14.29	0.85	E	85.74	5.10
5	3/4" MEASURE CUT & THREAD - GRC	8	0.00	C	0.00	0.00	0.00	20.00	C	0.00	1.60
6	3/4" 2-H STRAP - EMT - STEEL	1	58.30	C	20.00	54.70	54.70	6.00	C	0.55	0.06
7	1" EMT & 3/4" RMC 1-PC STRUT CLAMP W/ SADDLE - P	25	129.38	C	0.00	210.62	210.62	5.65	C	52.66	1.41
8	3/4" 1-H STRAP - RMC - MALL	20	73.04	C	20.00	161.06	161.06	5.65	C	32.21	1.13
9	3/4" FLEX - LIQUIDTIGHT METALLIC - GRAY	3	148.08	C	20.00	209.74	209.74	7.43	C	6.29	0.22
10	3/4" CONN STRAIGHT - LIQUIDTIGHT DIECAST	8	271.51	C	20.00	593.05	593.05	25.50	C	47.44	2.04
11	#12 THHN BLACK	150	221.44	M	63.00	169.67	169.67	7.73	M	25.45	1.16
12	#16- 1P TWISTED CABLE SHLD	600	1.16	E	0.00	0.00	1.16	6.75	M	696.00	4.05
13	24x20x 9" CABINET - NEMA 1	1	0.00	E	0.00	0.00	0.00	2.60	E	0.00	2.60
14	#10x1 F/H SELF-TAP SCREW	1	8.99	C	40.00	0.00	5.39	0.00	C	0.05	0.00
15	LIT - LEVEL IND ELEMENT	4	0.00	E	0.00	0.00	0.00	1.00	E	0.00	4.00
16	20/1 BREAKER TERM LABOR	1	0.00	E	0.00	0.00	0.00	0.15	E	0.00	0.15
17	20A 1P BREAKER BOLT-ON	1	27.16	E	25.00	67.65	67.65	0.35	E	67.65	0.35
18	#12 WIRE POWER TERM	6	0.00	E	0.00	0.00	0.00	0.09	E	0.00	0.54
19	#16 WIRE CONTROL TERM	48	0.00	E	0.00	0.00	0.00	0.07	E	0.00	3.36
20	Demo existing 4-20ma cables	8	0.00	E	0.00	0.00	0.00	1.00	E	0.00	8.00
21	cable tags	40	1.50	E	0.00	0.00	1.50	0.16	E	60.00	6.40
	Totals	1,151								1,649.61	64.91



NIAGARA FALLS WATER BOARD
NIAGARA FALLS WASTEWATER TREATMENT PLANT – PROJECT NO. 3

PROPOSAL REQUEST

Proposal Request No.: 3-EC-014 Date: March 18, 2023

Contract Name and No.: Electrical

Contractor: CIR Electrical Construction Corp.

Other Contracts Involved in Proposed Change: General

TO CONTRACTOR: Please submit a complete Change Order proposal for the proposed modifications described below. If the associated Change Order proposal is approved, a Change Order will be issued to authorize adjustment to the scope of Work. This Proposal Request is not a Change Order, Work Change Directive, or an authorization to proceed with the proposed Work described below.

SCOPE OF PROPOSED WORK:

1. *Change Issue 3-EC-014 Additional 4-20 mA Signals from the Existing Polymer Tank Transmitters to the New Polymer Local Control Panels (LCPs):* Provide additional conduit and cable to transmit the existing polymer tank level sensor signals to the associated dry polymer mixing system LCPs and PLC-IP3 as shown on the attached drawing.

The 4-20mA signal from each existing tank's level transmitter will be connected to the new dry polymer mixing system LCP's through a new signal duplicator panel being installed under the General Contract. Signals will be connected as follows:

- o Existing Polymer Mix Tank No. 1 level transmitter will supply 4-20mA signal to the LCP for Dry Polymer Mixing Systems No. 1 and No. 2.
- o Existing Polymer Feed Tank No. 1 level transmitter will supply 4-20mA signal to the LCP for Dry Polymer Mixing Systems No. 1 and No. 2.
- o Existing Polymer Mix Tank No. 4 level transmitter will supply 4-20mA signal to the LCP for Dry Polymer Mixing Systems No. 3 and No. 4.
- o Existing Polymer Feed Tank No. 4 level transmitter will supply 4-20mA signal to the LCP for Dry Polymer Mixing Systems No. 3 and No. 4.

Proposal Requested By: Arcadis of New York, Inc.

Signature of Requestor: 

1. EXISTING ULTRASONIC TANK LEVEL TRANSMITTERS:

- POLY FEED TANK No. 1
- POLY MIX TANK No. 1
- POLY FEED TANK No. 4
- POLY MIX TANK No. 4

3. PROVIDE NEW 120VAC CIRCUIT TO NEW TANK LEVEL
 DUPLICATOR PANEL WITH 3/4" C, 2#12, 1#12G. EXTEND EXISTING
 CIRCUIT FROM WITHIN CHEMICAL MIX ROOM.

Diagram illustrating the installation of a new wireway (WCC-50) above an existing wireway (WCC-50). The new wireway is located at an elevation of 583.00. The existing wireway is labeled "EXISTING WIRING TROUGH (WCC-50)". The temperature of the existing wiring is specified as 382.185 (171.4°C). The location of the new duct is indicated as "LOCATION OF NEW DUCT (ABOVE)".

- 3-PHASE CIRCUIT BREAKER IN EXISTING PANEL 50-1 FOR NEW PUMP, (BROADER
TIE-UP WITH EXISTING MANUFACTURER AND HAVE SIMILAR RATINGS.)
- SUPPORT STAND FOR SEDIMENTATION BASIN NO. 5 POLYMER FEED PUMP VFD.
6. PROVIDE NEW 0.75" POLYMER 3-PHASE (SEE PAKEDRAWING FOR POWER DISTRIBUTION TO NEW
ADDITIONAL DETAILS.)
7. PROVIDE NEW CABLE FEEDER TO 63-PS FROM EXISTING MCC-B (LOCATED ON UPPER FLOOR,
ELEV. 370.000). RUN FEEDER TO EXISTING THROUGH DIRECTLY BELOW MCC-B IN LOADING DOCK AREA.
8. PROVIDE NEW CONTROL WIRING FROM NEW POL. MCC-B TO EXISTING PLC-PS (LOCATED AT
ELEV. 360.000). SEE DWG. E-6000 FOR LOCATION.
9. RECONNECT EXISTING 3/4" CONDUIT (FROM REMOVED
SYSTEM NO. 2 LUMP, PROVIDE NEW CAT-6 CABLE TO LD-1)
10. PROVIDE 1" 1st AND 1- 3" CONDUIT FROM EXISTING WIRING
FOR EXTENDING/RECONNECTING CONTROL WIRING FROM MCC-B TO NEW DMCP
11. CORE DRILL FLOOR BELOW NEW DMCP AND CONNECT NEW CONDUITS FOR CO
(TYP.)
12. PULL BACK /REMOVE EXISTING CONTROL WIRING FROM EXISTING DEWATERING CONTROL
FROM ON-RAIL MOUNTED TERMINAL BLOCKS AS EXISTING WIRING TO NEW DMCP.
13. PULL BACK CONTROL WIRING FROM MCC-B AND REWIRE/REMOVE TO NEW DMCP VIA NEW 2"
FIBER OPTIC CONDUIT. REMOVE FIBER FROM EXISTING BLOCKS TO DMCP THROUGH EXISTING CONDUITS.
SEPARATE DIGITAL AND ANALOG SIGNALS AS REQUIRED.



SCALE: 3/16" = 1'-0"



SCALE: $3/16" = 1'-0"$

REUSE EXISTING CONDUIT
TO PLC-IP3 FOR NEW CAT-8
CABLE (ORIG. CONTRACT)

3/4" C, 2C#16SH
(TYP. FOR EA.)
SEE NOTE 2

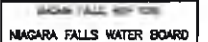
104AC - SEE
NOTE 2

EXISTING TANK
LEVEL XMTRS
(TYP. FOR 4)

**NEW TANK LEVEL
DUPLICATOR PANEL**

BLOCK DIAGRAM

CONNECT TO PLC ANALOG
INPUTS (TYPICAL)

**NIAGARA FALLS WATER BOARD**

WASTEWATER TREATMENT
PLANT UPGRADES
PROJECT NO.3

PROJECT NO.3

WISCONSIN POLICE NO. 2000048

CITY OF NEW YORK,

2020

AUGUST 2020

PROJECT NO.: 300030-48

FIG. 10. (continued)

1000

DRAWN BY: J. ASH

CHECKED BY: D. [Signature]

WFO FILE

ELECTRICAL

SLUDGE BUILDING

SLUDGE BUILDING
CHEMICAL MIX ROOM

SB04 AND POLYMER

STORAGE ROOM S116

POWER PLANS

SECRET

EA.)

4. (20%)

E-004

PAGE 27 OF 28

CHANGE ORDER 3-GC-002

Owner: Niagara Falls Water Board Owner's Project No.: 3
Engineer: Arcadis of New York, Inc. Engineer's Project No.: 30066326
Contractor: Hohl Industrial Services, Inc. Contractor's Project No.: 179421
Project: Project No. 3
Contract Name: General Contract 3G
Date Issued: April 6, 2023 Effective Date of Change Order: April 6, 2023

The Contract is modified as follows upon execution of this Change Order:

Description:

1. Replace the dry polymer system mix/aging tank pressure transducers with units with enclosed cables.
2. Furnish and install a signal duplicator panel to transmit the existing polymer tank level sensor signals to the associated dry polymer mixing system LCPs.

Attachments:

1. 9/20/2022 Change Proposal for change issue 3-GC-013.
2. 3/30/2023 Change Proposal for change issue 3-GC-015.

Change in Contract Price		Change in Contract Times (Calendar Days)	
Original Contract Price:		Original Contract Times:	
\$ 1,527,000.00		Substantial Completion:	172
		Ready for final payment:	200
[Increase] [Decrease] from previously approved Change Orders:		[Increase] [Decrease] from previously approved Change Orders:	
\$ 24,985.56		Substantial Completion:	0
		Ready for final payment:	0
Contract Price prior to this Change Order:		Contract Times prior to this Change Order:	
\$ 1,551,985.56		Substantial Completion:	172
		Ready for final payment:	200
[Increase] [Decrease] per this Change Order:		[Increase] [Decrease] this Change Order:	
\$ 16,062.59		Substantial Completion:	832
		Ready for final payment:	832
Contract Price incorporating this Change Order:		Contract Times with all approved Change Orders:	
\$ 1,567,048.15		Substantial Completion:	1004 (8/31/2023)
		Ready for final payment:	1032 (9/28/2023)

	Recommended by Engineer	Accepted by Contractor
By:		
Title:	Project Manager	President, Hohl Industrial Services, Inc.
Date:	April 6, 2023	April 6, 2023
	Authorized by Owner	Approved by Funding Agency (if applicable)
By:	_____	_____
Title:	_____	_____
Date:	_____	_____

**NIAGARA FALLS WATER BOARD
WASTEWATER TREATMENT PLANT UPGRADES
PROJECT NO. 3**

CHANGE PROPOSAL

Owner: Niagara Falls Water Board
 Project Name: Wastewater Treatment Plant Upgrades Project No. 3
 Change Proposal No.: _____ Date: _____
 Submitted in Response to Proposal Request No.: 3-GC-013
 Contract Name and No.: _____
 Contractor: _____
 Subject: _____

The following changes to the Contract are proposed:

SCOPE OF WORK: *(attach and list supporting information as required)*

1. *Item:*
2. *Item:*

JUSTIFICATION:

1. *Item:*
2. *Item:*

CHANGES IN CONTRACT PRICE AND CONTRACT TIMES:

We propose that the Contract Price and Contract Times be changed as follows:

For Contract Price, attach detailed cost breakdowns for Contractor and Subcontractors, Supplier quotations, and other information required.

For the Contract Times, state increase, decrease, or no change to Contract Times for Substantial Completion, readiness for final payment, and Milestones, if any. If increase or decrease, state specific number of days for changes to the Contract Times.

Description	Amount	Contract Times (days)	
		Substantial	Final
1. Item		0	0
2. Item	\$0.00	0	0
Total This Change Proposal	\$12,692.09	0	0

Changes to Milestones, if any: _____

Contractor represents that supporting data attached to this Change Proposal are accurate and complete. The requested time or price adjustment indicated in this Change Proposal is the entire adjustment to which Contractor believes it is entitled as a result of the proposed change(s) indicated herein.

Change Proposal by: _____

Signature of Proposer: _____



Request for Change (RCO)

Project: NFWB Project 3	RCO # 3-GC-013
Contractor: Hohl Industrial Services	Original PO#
Contract No.: 3G	Proj.No.: 179421
Scope: Pressure Sensors	PCO. No.: 3
Subject:	

DESCRIPTION:

Subcontract Work: Name	Qty	Unit	@	Unit Price	=	Cost
			@		=	0.00
			@		=	0.00
			@		=	0.00
			@		=	0.00

Note: Copies of Sub-Quote

Break-Downs Required.

Sub-Total Material costs..... \$ 0.00

Overhead & Profit @ 15% = \$ 0.00

Total Subcontractor Costs:

\$0.00

Mat'l / Eqpmnt Costs: description	Qty	Unit	@	Unit Price	=	Cost
Concrete/Grout/Anchors/Rebar	1.0	1.00	@	250.00	=	250.00
		1.00	@	0.00	=	0.00
		1.00	@	0.00	=	0.00
		1.00	@	0.00	=	0.00

Note: Copies of Invoices Required

Sub-Total Material costs..... \$ 250.00

Overhead & Profit @ 15% = \$ 37.50

Total Material/ Equipment Costs:

\$287.50

Labor Costs: Description	Mnhrs	Class	@	Mnhr Ttl Rate **	=	Cost
Millwright Foreman	12.0	MWJ	@	135.25	=	1,623.00
		0.00	@	0.00	=	0.00
		0.00	@	0.00	=	0.00
		0.00	@	0.00	=	0.00
		0.00	@	0.00	=	0.00
MWF offload/relocate parts Item 4		0.00	@	0.00	=	0.00

** Bare Cost Rate Break-Down to be provided (no OH&P)

Sub-Total Labor costs..... \$ 1623.00

Overhead & Profit @ 15% = \$ 243.45

Total Labor Costs:

\$1,866.45

Total adjustment to Contractor's Contract.....

\$2,153.95

____ T&M Not to Exceed; ☒ Lump Sum ____ To be Applied to Contract Allowance

Signed by:

Date:

Name: Brad Roberts

Contact Phone: 716-332-0466 Ext.

Recommended by:

Date:

Owner Approved by:

Date:



RCO#: 3-GC-013

Original PO#

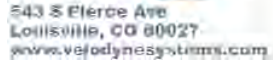
DATE: 9/20/2022

Proj.No.: 179421

PCO. No.: 3

[illegible]

Sub-Total Labor Costs: \$1,623.00



Our Quotation # 204917-00
07/25/2022

Duplicate Copy

To :
VELOCITY DYNAMICS (QUOTES)
543 S. Pierce Ave
LOUISVILLE CO 80027
United States

Quotation Valid Thru : 10/25/2022
Terms : Cash On Delivery

VeloDyne is pleased to offer the following proposal for your consideration.

Item	Facility / Part / Rev / Description / Details	Quantity Quoted	Unit Price	Extended Price
001	Default 182-0598 Rev A U/M EA SENSOR, LEVEL, PRESSURE, 1/2" MNPT	4.000	2,764.00	US\$ 11,056.00
002	Default 194-0405 Rev 000 U/M EA REDUCER BUSH 1"X1/2 TXT SCH80 PVC	4.000	9.08	US\$ 36.32

Total Items Price	US\$ 11,092.32
--------------------------	-----------------------

PO must be in PDF form and state terms of NET 30 with pricing and addresses
Credit card payments have an administration fee on purchases over \$1000
Shipping is ORIGIN PPADD unless otherwise agreed
Sales tax will be applied to CO, CA, WA, and MO unless exempt
\$100 minimum order
Thanks again for your interest in VeloDyne.

PMP71-U4R1/0 Cerabar S PMP71


Pressure, piezoresistive.
 Compact.
 Application: pressure/level.
 Membrane: metal, welded.
 :: High reliability through process monitoring.
 :: High long term stability.
 :: Modular.

Feature model text	Feature	Length	Feature text
Approval:	A		Non-hazardous area
Output; Operating:	B		4-20mA HART; inside + LCD
Housing; Cover Sealing; Cable Entry:	C		T14 Alu IP66/67 NEMA6P; EPDM; NPT1/2 thread, T14 = side cover
Sensor Range; Sensor Overload Limit:	1F		400mbar/40kPa/6psi gauge; 6bar/600kPa/90psi
Calibration; Unit:	6		Sensor range; psi
Membrane Material:	1		316L
Process Connection:	RA		Thread ANSI MNPT1/2 FNPT1/4, 316L
Fill Fluid:	A		Silicone oil
Additional Option 1:	A		Not selected
Additional Option 2:	A		Not selected

Field text	Field content	Field unit name
Pressure type (0=sensor,1=gauge)	0	
Span limit minimal	99.99900	mbar
Max. upper range value	500.00000	bar
Factor	0	
Low range value	0	mbar
Upper range value	400.00000	mbar
Min. low range value	-440.00000	mbar
Max. low range value	436.00000	mbar
Min. upper range value	-440.00000	mbar
Max. upper range value	436.00000	mbar
Span limit minimal	5.00000	mbar
Span	400.00000	mbar
Span limit maximal	872.00000	mbar
Turndown error	80.00000	
Turndown information	10.00000	
Min. upper range value 2	40.00000	mbar
Maximum working pressure(MWP)	4.00000	bar
Overpressure single side	6.00000	bar
Max. pressure	6.00000	bar
Factor	1	
Low range value	0	psi

Factor	0	
Maximum working pressure(MWP)	400.00000	bar
Overpressure single side	600.00000	bar
Max. pressure	600.00000	bar
Factor	0	
Maximum working pressure(MWP)	770.00000	bar
Overpressure single side	0	
Max. pressure	770.00000	bar
Min. upper range value	0.04000	bar

[Print](#)
[Close](#)

Technical Information

Cerabar S PMC71, PMP71, PMP75

Process pressure measurement



Pressure transmitter with ceramic and metal sensors

Applications

The device is used for the following measuring tasks:

- Absolute pressure and gauge pressure measurement in gases, steams or liquids in all areas of process engineering and process measurement technology
- Level, volume or mass measurements in liquids
- High process temperatures
 - up to 150 °C (302 °F) without diaphragm seal
 - up to 400 °C (752 °F) with typical diaphragm seals
- High pressures up to 700 bar (10 500 psi)
- MID part certificate according to OIML R117-1 Edition 2007 (E) and EN 12405-1/A1 Edition 2006

Your benefits

- Very good reproducibility and long-term stability
- High reference accuracy up to ± 0.025 %
- Turn down up to 100:1, higher on request
- Used for process pressure monitoring up to SIL 3, certified to IEC 61508 by TÜV SÜD
- High level of safety during operation thanks to function monitoring from the measuring cell to the electronics
- The patented TempC membrane for the diaphragm seal reduces measured errors caused by environmental and process temperature influences to a minimum
- Easy electronic replacement guaranteed with HistoROM®/M-DAT
- Uniform platform for differential pressure, hydrostatics and pressure (Deltabar S – Deltapilot S – Cerabar S)
- Practical user navigation for quick and easy commissioning
- Extensive diagnostic functions

**NIAGARA FALLS WATER BOARD
WASTEWATER TREATMENT PLANT UPGRADES
PROJECT NO. 3**

CHANGE PROPOSAL

Owner: Niagara Falls Water Board
 Project Name: Wastewater Treatment Plant Upgrades Project No. 3
 Change Proposal No.: _____ Date: _____
 Submitted in Response to Proposal Request No.: _____
 Contract Name and No.: _____
 Contractor: _____
 Subject: _____

The following changes to the Contract are proposed:

SCOPE OF WORK: *(attach and list supporting information as required)*

1. *Item:*
2. *Item:*

JUSTIFICATION:

1. *Item:*
2. *Item:*

CHANGES IN CONTRACT PRICE AND CONTRACT TIMES:

We propose that the Contract Price and Contract Times be changed as follows:

For Contract Price, attach detailed cost breakdowns for Contractor and Subcontractors, Supplier quotations, and other information required.

For the Contract Times, state increase, decrease, or no change to Contract Times for Substantial Completion, readiness for final payment, and Milestones, if any. If increase or decrease, state specific number of days for changes to the Contract Times.

Description	Amount	Contract Times (days)	
		Substantial	Final
1. Item		0	0
2. Item	\$0.00	0	0
Total This Change Proposal	\$0.00	0	0

Changes to Milestones, if any: _____

Contractor represents that supporting data attached to this Change Proposal are accurate and complete. The requested time or price adjustment indicated in this Change Proposal is the entire adjustment to which Contractor believes it is entitled as a result of the proposed change(s) indicated herein.

Change Proposal by: _____

Signature of Proposer: _____



PCO. No.:

Sub-Total Labor Costs: \$120.97

Brad Roberts

March 30, 2023

Hohl Industrial

Subject: Polymer Signal Duplicator CO – Motion AI Proposal 201614-3

Mr. Roberts:

In response to your request for a proposal for a polymer level signal duplicator panel, we are pleased to submit Motion AI proposal #201614-2 for your review and acceptance.

Work Scope

1. Engineering Submittal will be provided covering the following:
 - a. Polymer Level Signal Duplicator Control Panel, NEMA 4x, 316SS
 - i. Qty. (1) Phoenix 24VDC Power Supply
 - ii. Qty. (4) Phoenix Contact Signal Duplicators
 - iii. Phoenix Contact Terminal Blocks
 - iv. Phoenix Contact Fuse Holders
 - v. Ancillary equipment for a functional panel including but not limited to wire, wire duct, din rail, mounting hardware etc.
2. Engineering Submittal Format
 - a. All control system drawings and BOM will be submitted for approval prior to procurement of materials and start of manufacturing.
 - b. All control panel documentation will be developed using AutoCAD software.
 - c. Engineering Submittal and Final Drawing Documentation will be supplied on 11" x 17" paper and in electronic.dwg formats.
 - d. NFPA Ladder format schematic documentation will be provided on customer title block.
 - e. All documentation will be provided on Standard KAI title block unless an alternate title block is provided.
 - f. Manufacturers cut sheets will be provided for the material being provided with red box identification or specific component model numbers and certifications (i.e. UL listing, etc.), where applicable.

Exceptions and Clarifications

1. Lead times are relevant at the time of quotation. Various materials may be unavailable due to COVID-19 related supply chain interruptions and may be substituted with form, fit, and function equivalents. KAI will discuss part substitutions (if any) with NFWB prior to procurement.
2. The engineering submittal is limited to control panel upgrade documentation only. Other drawings, if required, are not included in this proposed work scope.

Pricing Summary

- Schedule of Values (SOV)

Item #	Description	Qty.	Price Ea.	Ext. Price
1	Polymer Signal Duplicator Panel	1	\$3,310.00	\$3,310.00
			Total	\$3,310.00

Terms & Conditions

- See full Terms and Conditions listed below.
- Shipping: FOB Kaman Automation Shipping Dock, Rochester, NY
- Freight: Prepaid & Add
- Invoicing: Net 30 days
 - Invoicing to follow SOV line items as defined in Pricing Summary
- Remit To:

Kaman Automation
1000 University Ave., Suite 800
Rochester, NY 14607
- Delivery:
 - Final delivery schedule will be determined at the time of order
 - Engineering Submittal: 4-6 weeks after receipt and acceptance of purchase order
 - Material: 10-12 weeks after receipt of approved Engineering Submittal
 - Expediting fees to be applied when understood, as needed and with customer approval
- Purchase order acceptance is expressly based upon KAI standard terms and conditions.
- Purchase Order must match line-item breakdown as identified in the Pricing Summary SOV.
- Cancellation Policy:
 - Please note that the assemblies listed in this proposal are custom, made to order, items and cannot be returned. In the event this order is cancelled or modified for any reason, Waste Management is obligated for cost and expenses incurred by KAI as a result of the cancellation, modification, returns, progress being stopped or other changes from proposed quantities and conditions specified herein.
- Warranty:
 - Kaman Automation guarantees all workmanship for a period of 12 months from date of shipment. Component Warranties are limited to that provided by the manufacturers—component warranties will be transferred to Waste Management.
- Proposal is Valid for 30 days

I look forward to reviewing this proposal with you at your earliest convenience. Please let me know of any questions or need for additional information.

Best regards,

Matt Klimek

Matt Klimek

AMENDMENT TO WWTP PROJECT 3 ENGINEERING SERVICES AGREEMENT

WHEREAS, the Niagara Falls Water Board (“Water Board”) has underway a construction project that it refers to as wastewater treatment plant (“WWTP”) Project 3 – Screenings and Grit Transport Equipment Improvements, Polymer Equipment Upgrades, and Dewatering Equipment Control Upgrades, required pursuant to Order on Consent R9-20170906-129 with the New York State Department of Environmental Conservation (“Project 3”); and

WHEREAS, the Water Board selected Arcadis as its engineer for Project 3; and

WHEREAS, the original schedule for Project 3 as set forth in the Water Board’s March 2019 agreement with Arcadis called for substantial completion by May 21, 2021 and for the project to be ready for final payment by June 18, 2021; and

WHEREAS, the construction of the Project 3 improvements was substantially delayed due to the COVID-19 pandemic which resulted in labor shortages and delays in material/equipment fabrication and delivery; and

WHEREAS, Arcadis has continued to provide construction administration and inspection services over the extended construction period and performed additional design changes/additions at the request of Water Board staff that were not part of the original project, and the change orders that are the subject of Water Board Resolution 2023-05-002 are anticipated to result in a final completion date for the work authorized to date for Project 3 in September 2023; and

WHEREAS, in its April 10, 2023 request for an amendment to its contract, Arcadis notes that it has incurred over 120 labor hours since December 2022 that it has not charged to the Water Board and for which it will not seek payment, which the Water Board believes is appropriate as some of these hours resulted from issues with project management attributable at least in part to Arcadis staff previously assigned to the project; and

WHEREAS, Arcadis has held its labor rates to those set forth in its September 2018 proposal, despite contractual provisions permitting certain increases in those rates; and

WHEREAS, Arcadis has cooperated with efforts by Water Board staff to transfer the engineering services for a significant proposed change order for belt filter press rehabilitation to another engineering firm which will have a resident inspector on site for another project during the time the rehabilitation work will be under construction, which will result in a significant cost savings to the Water Board; and

WHEREAS, notwithstanding the potential additional change order for belt filter press rehabilitation that will be handled by another engineering firm, Arcadis’s request for an amendment to authorize an additional fee for construction administration and inspection services on a time-and-material basis and in an amount not to exceed \$49,947.29 will bring the Project 3 work authorized to date to completion; and

WHEREAS, the Water Board will seek reimbursement of one-half of the cost of this work under its State and Municipalities “SAM” Grant, Phase 1 – Upgrade and Improve the Niagara Falls Waste Water Treatment Plant, Project ID: 15688;

NOW THEREFORE BE IT

RESOLVED, that the Niagara Falls Water Board hereby authorizes the Executive Director to execute an amendment to the engineering services contract with Arcadis for Wastewater Treatment Plant Project 3 to authorize an additional fee for construction administration and inspection services on a time-and-material basis and in an amount not to exceed \$49,947.29.

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 Plan Item: WWTP 3

On May 22, 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

April 10, 2023

Mr. Nick Bayer
CPL
26 Mississippi Street
Buffalo, New York 14203

Arcadis of New York, Inc.
50 Fountain Plaza
Suite 600
Buffalo
New York 14202
Phone: 716 667 0900
www.arcadis.com

Subject: Niagara Falls Water Board Wastewater Treatment Plant Project No. 3
Amendment for Engineering Services

Dear Mr. Bayer:

This letter is our formal request for an amendment to our agreement for engineering services for the aforementioned Niagara Falls Water Board (NFWB) Project.

Current Billing Status

Current expenditures as of 3/31/2023 are as follows:

Task	Total	Completed	Percent Complete	Remaining
Design and Bidding	\$166,786.00	\$166,786.00	100.0%	\$0.00
Construction Administration	\$129,499.00	\$129,499.00	100.0%	\$0.00
Resident Project Representative	\$88,250.00	\$72,887.29	82.59%	\$15,362.71
TOTAL	\$384,535.00	\$369,172.29	96.0%	\$15,362.71

Construction Schedule

The original Contract Times were established as follows:

- Substantial Completion: May 21, 2021
- Ready for final payment: June 18, 2021

Hohl indicated in an email to Arcadis on April 5, 2023, that they expect to be substantially complete within four months of the pending Change Order authorization. Based on this schedule, we anticipate the Contract Times to be completed as follows:

- Substantial Completion: August 31, 2023
- Ready for final payment: September 28, 2023

These dates have been included in the proposed Change Orders for Hohl and CIR that are currently under consideration by the NFWB.

Mr. Nick Bayer
CPL
April 10, 2023

Arcadis Commitment to Project Completion

Arcadis is committed to the successful completion of this project. Over 120 labor hours have been incurred by our project team since mid-December 2022 to progress many outstanding Changes Issues to a successful conclusion that directly impact completion of this project. These labor hours have not been charged to the NFWB and are not included in the amendment proposal outlined below.

Furthermore, Arcadis is not requesting an increase in staff hourly rates that were outlined in our September 2018 proposal and incorporated into the March 2019 Engineering Agreement. Arcadis has experienced significant inflationary pressures on staff salaries to maintain cost of living and remain competitive in the industry labor market. We are not requesting that NFWB cover these additional costs.

Lastly, Arcadis' breakdown of monthly construction administration services has been approximately 20 hours per month for senior engineering staff and 24 hours for junior engineering staff. Our amendment proposal assumes approximately 10 hours per month for senior staff and 20 hours per month for junior staff, even though we anticipate the remaining work will require a similar effort to our historic monthly average. These additional costs will also not be invoiced to the NFWB.

Amendment Proposal

Due to additional engineering services already expended due to significant delays caused by force majeure events (i.e., the COVID pandemic, resulting in labor shortages and delays in material/equipment fabrication and delivery times), additions to the Work as requested by NFWB that Arcadis designed during the construction phase, and for the next 6 months of construction (based on the Contractor's estimate to completion) **Arcadis is requesting an additional \$49,947.29** in accordance with the table below. The table on the following page provides a breakdown of the total planned hours and subcontractor costs through project completion.

Task	Current Budget	Projected Final Budget	Current Budget Remaining	Amendment Increase Requested
Construction Administration	\$129,499.00	\$161,209	\$0.00	\$31,710.00
Resident Project Representative	\$88,250.00	\$121,850	\$15,362.71	\$18,237.29
TOTAL	\$217,749.00	\$283,059.00	\$15,362.71	\$49,947.29

The fee requested includes sufficient hours for engineering construction administration services to implement the additional Work, if approved via Change Order.

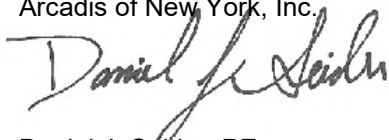
As a reminder, our agreement with NFWB is on a time-and-materials basis. Any funds remaining at the end of the project will not be invoiced.

If you need additional information or justification, have questions or comments, or would like to discuss, please contact me. We appreciate your and NFWB's consideration.

Mr. Nick Bayer
CPL
April 10, 2023

Sincerely,

Arcadis of New York, Inc.

A handwritten signature in black ink, appearing to read "Daniel J. Seider". The signature is fluid and cursive, with the first name "Daniel" and last name "Seider" clearly distinguishable.

Daniel J. Seider, PE
Project Manager

E-mail: daniel.seider@arcadis.com
Direct Line: 716 667 6670

Copies: Sean Costello, NFWB
Ted Donner, PE
Jay Meyers, PE

Niagara Falls Water Board WWTP Project No. 3 Construction Administration Engineering TOTAL COST TO COMPLETE													
Task Description	Arcadis								Subcontractors				Total Costs
	Seider/ Williams	Camarda/ Chirico	Ash	Cox	Kasperek	Kotlak/ Kearns	Total Hours	Total Costs	JM Davidson		Encorus		
	Principal Engineer	Senior Engineer	Staff Engineer	Engineer	Drafter II	Project Assistant			Base Fee	Subcontractor Mark-Up (5%)	Base Fee	Subcontractor Mark-Up (5%)	
	\$210	\$175	\$125	\$115	\$85	\$120	(hr)	(\$)	(\$)	(\$)	(\$)	(\$)	
Task 00400, Construction Administration	50	25	4	125	16	5	225	\$31,710					\$31,710
<i>Process/Mechanical</i>	50			125			175	\$24,875					
<i>Electrical</i>		25					25	\$4,375					
<i>Instrumentation and Controls</i>			4				4	\$500					
<i>Record Drawings</i>					16		16	\$1,360					
<i>Administration/Invoicing</i>						5	5	\$600					
Task 00500, RPR	0	0	0	0	0	0	0	\$0	\$31,500	\$1,575	\$500	\$25	\$33,600
<i>RPR¹</i>								\$0	\$31,500	\$1,575			
<i>Special Inspections</i>								\$0			\$500	\$25	
Totals	50	25	4	125	16	5	225	\$31,710	\$31,500	\$1,575	\$500	\$25	\$65,310

Note:

1. Task 00500, RPR, includes 300 labor hours for onsite construction observation by JM Davidson.

NIAGARA FALLS WATER BOARD RESOLUTION # 2023-05-004

**AUTHORIZING APPLICATION TO ENVIRONMENTAL FACILITIES
CORPORATION FOR BIPARTISAN INFRASTRUCTURE LAW FINANCING TO BE
USED FOR WASTEWATER TREATMENT PLANT BIOLOGICAL CONVERSION
WORK AND SEQR TYPE II DETERMINATION**

WHEREAS, the Niagara Falls Water Board (“Water Board”) is seeking approximately \$250 million in funding for the anticipated cost to convert the wastewater treatment plant from a costly, inefficient, maintenance-intensive, and failure-prone physical/chemical treatment process to a biological treatment process, which is the appropriate treatment technology for the wastewater received at the plant and can consistently meet expected effluent permit limits; and

WHEREAS, the Water Board’s funding request follows an engineering report from AECOM dated October 31, 2019 and entitled “Evaluation of the Conversion and Modification of the Niagara Falls Water Board Wastewater Treatment Plant into a Biological Treatment Process” which establishes the feasibility of biological conversion and estimated the cost of conversion to be approximately \$223 million in 2019 dollars; and

WHEREAS, the Water Board has advised the NYS Environmental Facilities Corporation (“EFC”) of its intended project, and EFC has listed costs necessary to the project on its Intended Use Plan in two places, \$234,600,000 under project C9-6603-15-01, which would relate to construction costs of the project if designed and approved by all applicable authorities, and \$20 million under project C9-6603-15-00, which would cover the costs of such further engineering studies, surveys, and subsurface investigations as are necessary to develop the project to a design, as well as the anticipated cost of engineering feasibility study and design work for the project; and

WHEREAS, EFC has advised the Water Board that it has until June 16, 2023 to submit a complete application under project C9-6603-15-00 to secure \$20 million in Bipartisan Infrastructure Law (“BIL”) low or zero-interest hardship financing for the conversion project, and that the Water Board may seek to convert up to \$10 million of that sum into BIL grant funding if in a future year the project becomes eligible based on its score under EFC/BIL criteria; and

WHEREAS, the funding application does not obligate the Water Board to spend the funds and Water Board staff continue to work with consultants to identify comprehensive funding for wastewater treatment plant conversion costs, but to avoid losing the opportunity to secure the \$20 million in hardship financing that currently is available, it necessary to complete an application by June 16, and that application must be supported by a resolution of the Niagara Falls Public Water Authority to authorize the issuance of bonds in the total amount of \$20 million; and

WHEREAS, the exact costs of this work are not yet known, and any funds remaining from the \$20 million are anticipated to be applied to necessary site work or other construction costs, subject to EFC approval and review pursuant to the requirements of the State Environmental Quality Review Act (“SEQR”); and

WHEREAS, for the actions now planned to be undertaken, to wit the engineering studies, surveys, subsurface investigation, and preparation of design documents, the Water Board must consider pursuant to criteria set forth in SEQR the environmental implications of the actions; and

WHEREAS, the Water Board intends to declare itself as the Lead Agency for SEQR review of the projects; and

WHEREAS, certain actions are classified under SEQR as Type II actions; and

WHEREAS, Type II actions are those actions, or classes of actions, which have been found categorically not to have significant adverse impacts on the environment, or actions that have been statutorily exempted from SEQR review, and Type II actions do not require preparation of an Environmental Assessment Form, a negative or positive declaration, or an Environmental Impact Statement; and

WHEREAS, Type II actions do not require any further SEQR review; and

WHEREAS, the Water Board has considered under SEQR the projects now planned to be undertaken as described above, and finds that pursuant to 6 NYCRR Sections 617.5 (c) (24) and 617.5 (c) (27), these constitute “information collection including basic data collection and research, water quality and pollution studies, engineering studies, surveys, subsurface investigations and soils studies that do not commit the agency to undertake, fund or approve any Type I or Unlisted action” or “concurrent environmental, engineering, economic, feasibility and other studies and preliminary planning and budgetary processes necessary to the formulation of a proposal for action [that] do not commit the agency to commence, engage in or approve such action,” and therefore require no further SEQR review by the Water Board;

NOW, THEREFORE, BE IT

RESOLVED, that the Water Board hereby declares its intention to serve as the SEQR Lead Agency for the proposed actions and will accordingly take such actions as may be required pursuant to such declaration; and

IT IS FURTHER RESOLVED, that the projects now planned as described above constitute SEQR Type II Actions and do not require an environmental impact statement or any other determination or procedure; and

IT IS FURTHER RESOLVED, that the Water Board hereby authorizes the preparation and submittal to EFC of such applications and other documents which may be required to secure the \$20 million hardship loan described in the body of this Resolution as well as any documents necessary to apply for or obtain BIL grant funding to offset a portion of that \$20 million; and

IT IS FURTHER RESOLVED, that the Water Board hereby authorizes and designates CPL, engineers, as its Authorized Representative for the purpose of submitting loan applications and documentation, and to submit any documents or applications needed for potential BIL grant funding, and the Executive Director is authorized to execute any documents and agreements necessary or convenient to apply for, to accept, or required for disbursement of grant and loan funds in connection with project C9-6603-15-00; and

IT IS FURTHER RESOLVED, to the extent required to apply for up to \$10 million in BIL grant funding in connection with project C9-6603-15-00, that the Water Board authorizes and obligates matching funds equal to the amount of the grant; and

IT IS FURTHER RESOLVED, that based upon the requirements described in the body of this Resolution, the Water Board hereby requests that the Niagara Falls Public Water Authority authorize the issuance of Bonds to finance \$20 million in improvements to the System to be performed at the wastewater treatment plant plus any reserve required and costs of issuance associated therewith.

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

Water Board Budget Line or Capital Plan Item with Funds for this Resolution:
To be determined.

On May 22, 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

NIAGARA FALLS WATER BOARD RESOLUTION # 2023-05-005

EMERGENCY SEWER REPAIR AT 1138 FAIRFIELD AVENUE

WHEREAS, in April 2023, Niagara Falls Water Board (“Water Board”) crews discovered a collapsed section of 12” sewer main in the street near 1138 Fairfield Avenue that required immediate repair to protect human health and property; and

WHEREAS, the sewer main collapse was too deep for the Water Board’s equipment to safely make the repair, and pursuant to the Water Board’s previously bid and awarded emergency repair contract Mark Cerrone, Inc., was engaged to perform necessary excavation and repair work on a time and material basis pursuant to that firm’s bid item pricing; and

WHEREAS, to reduce the overall cost of the repair, Water Board crews performed necessary saw cutting, the work with City crews to complete the necessary restoration, and Water Board personnel acted as inspectors during the work; and

WHEREAS, Mark Cerrone, Inc., has presented an itemized invoice for its emergency repair services totaling \$90,569.68, which has been reviewed for accuracy in the hours, materials, and rates claimed and which Water Board staff recommend be approved for payment;

NOW, THEREFORE, BE IT

RESOLVED, that the Water Board hereby authorizes payment totaling \$90,569.68 to Mark Cerrone, Inc., pursuant to the terms of the Emergency Repair Bid, for services rendered in connection with the emergency sewer repair at 1138 Fairfield Avenue in April 2023.

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

Water Board Budget Line or Capital Plan Item with Funds for this Resolution:
S-8 Sewer Infrastructure Projects-Miscellaneous

On May 22, 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



General Contractors

Telephone - (716) 282-5244

Facsimile - (716) 282-5245

E-Mail - Info@MarkCerrone.com

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

Date: 5/5/2023

MCI # **22-1137**

Project # **20220002**

NFWB Invoice #: **01** **Apr 2023**

Pay Period: **4/1/2023** - **4/30/2023**

On-Call Repair	MCI #	Description	Date	Unit Cost	Quantity	Total
	221137	1138 Fairfield Avenue	20-Apr			
		1A6	HR	\$ 250.00	13.25	\$ 3,312.50
		1A9	HR	\$ 35.00	16	\$ 560.00
		1B6	HR	\$ 195.00	8	\$ 1,560.00
		1B7	HR	\$ 150.00	14	\$ 2,100.00
		2A2	HR	\$ 150.00	8	\$ 1,200.00
		2B	HR	\$ 517.00	8	\$ 4,136.00
						\$ 12,868.50
	221137	1138 Fairfield Avenue	21-Apr			
		1A6	HR	\$ 250.00	3	\$ 750.00
		1A9	HR	\$ 35.00	16	\$ 560.00
		1B6	HR	\$ 195.00	8	\$ 1,560.00
		1B7	HR	\$ 150.00	16.5	\$ 2,475.00
		2A2	HR	\$ 150.00	8	\$ 1,200.00
		2B	HR	\$ 517.00	8	\$ 4,136.00
						\$ 10,121.00
	221137	1138 Fairfield Avenue	24-Apr			
		1A9	HR	\$ 35.00	20	\$ 700.00
		1B6	HR	\$ 195.00	10	\$ 1,950.00
		1B7	HR	\$ 150.00	20	\$ 3,000.00
		2A2	HR	\$ 150.00	10	\$ 1,500.00
		2B	HR	\$ 517.00	10	\$ 5,170.00
						\$ 12,320.00
	221137	1138 Fairfield Avenue	25-Apr			
		1A6	HR	\$ 250.00	3.25	\$ 812.50
		1A9	HR	\$ 35.00	18	\$ 630.00
		1B6	HR	\$ 195.00	9	\$ 1,755.00
		1B7	HR	\$ 150.00	18.5	\$ 2,775.00
		2A2	HR	\$ 150.00	9	\$ 1,350.00
		2B	HR	\$ 517.00	9	\$ 4,653.00
						\$ 11,975.50



221137	1138 Fairfield Avenue	26-Apr				
	1A6	HR	\$	250.00	5.75	\$ 1,437.50
	1A9	HR	\$	35.00	18	\$ 630.00
	1B6	HR	\$	195.00	9	\$ 1,755.00
	1B7	HR	\$	150.00	18	\$ 2,700.00
	2A2	HR	\$	150.00	9	\$ 1,350.00
	2B	HR	\$	517.00	9	\$ 4,653.00
						\$ 11,895.50
221137	1138 Fairfield Avenue	27-Apr				
	1A9	HR	\$	35.00	20	\$ 700.00
	1B6	HR	\$	195.00	10	\$ 1,950.00
	1B7	HR	\$	150.00	20	\$ 3,000.00
	2A2	HR	\$	150.00	10	\$ 1,500.00
	2B	HR	\$	517.00	10	\$ 5,170.00
						\$ 12,320.00
221137	1138 Fairfield Avenue	28-Apr				
	1A6	HR	\$	250.00	18	\$ 4,500.00
	1A9	HR	\$	35.00	16	\$ 560.00
	1B6	HR	\$	195.00	8	\$ 1,560.00
	1B7	HR	\$	150.00	16.25	\$ 2,437.50
	2A2	HR	\$	150.00	8	\$ 1,200.00
	2B	HR	\$	517.00	8	\$ 4,136.00
						\$ 14,393.50

MATERIALS						
221137	1138 Fairfield Avenue					
	8'x8' Trench Box	WK	\$	330.00	1	\$ 330.00
	6'x8' Trench Box	WK	\$	300.00	1	\$ 300.00
	Trench Box Delivery	EA	\$	250.00	1	\$ 250.00
	Tax - Rented Equipment	LSM	\$	70.40	1	\$ 70.40
	Dival - Safety Supplies	LSM	\$	212.04	1	\$ 212.04
	ROC, 2"	TON	\$	16.00	230.07	\$ 3,681.12
	CLEAN, #1 Stone	TON	\$	22.00	85.42	\$ 1,879.24
	12 PVC SDR35 SWR Pipe	LF	\$	27.72	39	\$ 1,081.08
	12x6 PVC SDR35 SWR WYE	EA	\$	280.28	4	\$ 1,121.12
	12 CLAY/PVC CPLG	EA	\$	43.99	2	\$ 87.98
	12 PVC/PVC CPLG	EA	\$	43.99	1	\$ 43.99
	6 PVC SDR35 SWR Pipe	LF	\$	6.82	25	\$ 170.50
	6 PVC SDR35 45	EA	\$	21.40	7	\$ 149.80
	6 CLAY/PVC CPLG	EA	\$	16.31	3	\$ 48.93
	6 PVC/PVC CPLG	EA	\$	16.31	1	\$ 16.31
						\$ 9,442.51



Grand Total	\$	95,336.51
Retention 5%	\$	4,766.83
Invoice Total	\$	90,569.68

Additional Document Displayed and Discussed During May 22, 2023 Meeting

Year To Date Union Time Off

Full name	Earnings amounts	Earnings hours	Pay item name	Benefits	Total including Benefits
USW Employee 1	\$2,366.59	93.00	Union Business Hours	\$938.94	\$3,305.53
USW Employee 2	\$3,157.46	112.00	Union Business Hours	\$1,937.60	\$5,095.06
USW Employee 3	\$1,320.47	51.00	Union Business Hours	\$515.10	\$1,835.57
USW Employee 4	\$1,011.60	45.00	Union Business Hours	\$454.50	\$1,466.10
USW Employee 5	\$146.10	6.00	Union Business Hours	\$60.60	\$206.70
USW Employee 6	\$427.15	15.00	Union Business Hours	\$259.50	\$686.65
USW Employee 7	\$323.99	10.50	Union Business Hours	\$181.65	\$505.64
USW Employee 8	\$3,668.67	110.00	Union Business Hours	\$1,111.00	\$4,779.67
USW Employee 9	\$1,074.15	54.00	Union Business Hours	\$545.40	\$1,619.15
USW Employee 10	\$219.12	9.00	Union Business Hours	\$90.90	\$310.02
IBEW Employee	\$1,140.38	37.50	Union Business Hours	\$648.75	\$1,789.13
	\$14,855.68	543.00		\$6,743.94	\$21,599.22

1/1/2023-5/18/2023