

Table of Contents - NFWB March 4, 2024

1) March 4, 2024 NFWB Meeting Agenda	2
2) 2024 Budgeted Expenses - Expenditures of User Rates, Fees, & Charges, Less Debt Service	6
3) 2024-02-16 - COVID Wastewater Surveillance Update Memorandum	7
4) WWTP Order on Consent Q4 2023 Quarterly Progress Report	23
5) Draft January 22, 2024 NFWB Meeting Minutes	36
6) 2024-02-19 - CPL WWTP Project Budget Status Tracker	43
7) 2024-02-19 - CPL WWTP Construction Schedule Tracker	45
8) 2024-02-19 - CPL Financial Award Summary	46
9) March 4, 2024 Personnel Actions	50
10) Union Time Off Report	51
11) Key Bank and Bank on Buffalo Balance Report	52
12) Wilmington Trust Balance Report	53
13) Treasury Account Balance Report	54
14) January 2024 Capital Payments	55
15) Budget thru 12.31.23-Revenue Only	56
16) Budget thru 12.31.23-Expense-Sewer	61
17) Budget thru 12.31.23-Expense-Water	64
18) Budget thru 12.31.23-Expense-Board	67
19) Budget Amendments Report	68
20) January 2024 Operations and Maintenance Report	69
21) RESOLUTION 2024-03-001 - PROCUREMENT FROM NYS OFFICE OF GENERAL SERVICES INFORMATION TECHNOLOGY UMBRELLA CONTRACT	90
22) 2024-01-19 - Insight Quotation for Verkada, No. 0227038940	92
23) RESOLUTION 2024-03-002 - AWARD BID FOR WTP EMERGENCY CHLORINE SCRUBBER	95
24) WTP Chlorine Scrubber Bid Award Recommendation Letter and Bid Tabulation	97
25) RESOLUTION 2024-03-003 - SETTLE LOBIANCO PERSONAL INJURY LAWSUIT	101
26) RESOLUTION 2024-03-004 - AUTHORIZING CPL SERVICES FOR REPLACEMENT OF ADDITIONAL SECTION OF 77TH STREET WATER MAIN	103
27) 2024-01-19 - CPL Proposal for Engineering Services to Add to 77th Street Water Main Replacement Project	105
28) 77th Street Water Main Replacement Location Map	107
29) RESOLUTION 2024-03-005 - PROJECT 1 CHANGE ORDER FOR WWTP SEDIMENTATION BASIN NO 2 CATWALK CONCRETE REPAIRS	108
30) 2024-01-09 - Hohl Proposal for Sedimentation Basin No 2 Catwalk Concrete Repairs	110



AGENDA

Business Meeting of the Niagara Falls Water Board March 4, 2024 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. Please refer to work session packet posted to NFWB.org for copies of documents noted on agenda that are not part of this packet.

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).

c. Comments from Chairman Forster

i. 2024 Budgeted Expenses - Expenditures of User Rates, Fees, and Charges Less Debt Service

8. Finance – Brian Majchrowicz

- a. Audit Status Update**
- b. Key Bank and Bank on Buffalo Balance Report**
- c. Wilmington Trust Balance Report**
- d. Treasury Account Balance Report**
- e. January 2024 Capital Payments**
- f. Revenue Budget Performance Report through 12/31/2023**
- g. Sewer Fund Expense Budget Performance Report through 12/31/2023**
- h. Water Fund Expense Budget Performance Report through 12/31/2023**
- i. Board Fund Expense Budget Performance Report through 12/31/2023**
- j. Budget Amendments Report**

9. Questions Regarding January 2024 Operations and Maintenance Report

10. Safety – John Accardo

11. General Counsel and Secretary – Sean Costello

12. From the Chairman

13. Resolutions

**2024-03-001 – PROCUREMENT FROM NYS OFFICE OF GENERAL SERVICES
INFORMATION TECHNOLOGY UMBRELLA CONTRACT**

- a. 2024-01-19 - Insight Quotation for Verkada, No. 0227038940**

2024-03-002 – AWARD BID FOR WTP EMERGENCY CHLORINE SCRUBBER

- a. WTP Chlorine Scrubber Bid Award Recommendation Letter and Bid Tabulation**

**2024-03-003 – AUTHORIZING SETTLEMENT OF PERSONAL-INJURY LITIGATION
WITH WILLIAM LOBIANCO**

**2024-03-004 – AUTHORIZING CPL SERVICES FOR REPLACEMENT OF
ADDITIONAL SECTION OF 77TH STREET WATER MAIN**

- a. 2024-01-19 - CPL Proposal for Engineering Services to Add to 77th Street Water Main Replacement Project**
- b. 77th Street Water Main Replacement Location Map**

**2024-03-005 – PROJECT 1 CHANGE ORDER FOR WWTP SEDIMENTATION BASIN
NO 2 CATWALK CONCRETE REPAIRS ***

****Note: This is Resolution No. 2024-01-004, renumbered but otherwise the same as resolution
tabled at January 22, 2024 meeting.***

- a. **2024-01-09 - Hohl Proposal for Sedimentation Basin No 2 Catwalk Concrete
Repairs**

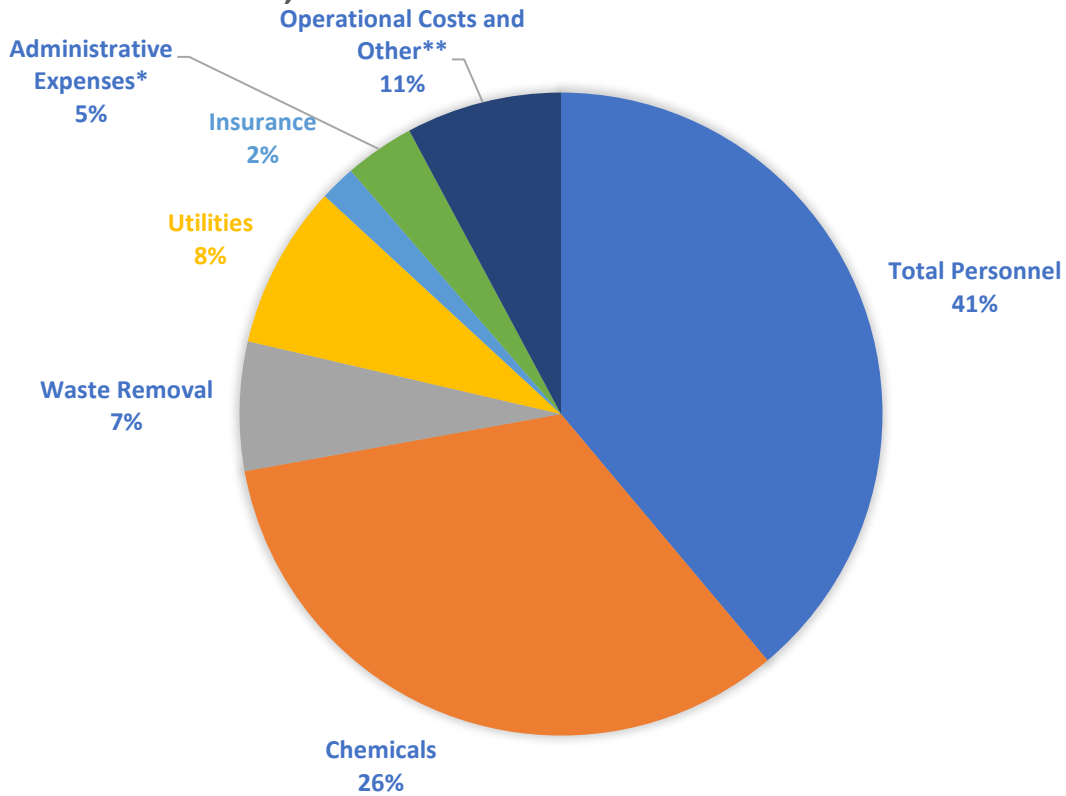
14. Unfinished/Old Business

15. New Business & Additional Items for Discussion

16. Executive Session (if needed)

17. Adjournment of Meeting

**2024 BUDGETED EXPENSES-EXPENDITURES OF USER
RATES, FEES & CHARGES LESS DEBT SERVICE**



	<u>2024</u>	<u>Percentage of Total</u>
-	-	
Total Personnel	\$ 13,546,292	41%
Chemicals	\$ 8,390,000	26%
Waste Removal	\$ 2,200,500	7%
Utilities	\$ 2,651,000	8%
Insurance	\$ 630,000	2%
Administrative Expenses*	\$ 1,549,650	5%
Operational Costs and Other**	<u>\$ 3,646,107</u>	<u>11%</u>
Total	<u>\$ 32,613,549</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: February 16, 2023

TO: Niagara County Health Department, Wastewater Treatment Plants, & Stakeholders¹

FROM: Haley Kappus-Kron, MPH²

RE: Niagara County Weekly Wastewater Surveillance Data Report

Collection Site	Collection Date	Detection Level	Compared to NYS	Two-Week Trend
Lockport	Tue, Feb 6, 2024	Quantifiable detection	elevated	decreasing
	Mon, Feb 5, 2024	Quantifiable detection	elevated	
	Tue, Jan 30, 2024	Quantifiable detection	elevated	
	Mon, Jan 29, 2024	Quantifiable detection	elevated	
Middleport	Mon, Feb 5, 2024	Not detected	lesser	decreasing
	Mon, Jan 29, 2024	Quantifiable detection	elevated	
Newfane	Tue, Feb 6, 2024	Quantifiable detection	elevated	increasing
	Tue, Jan 30, 2024	Quantifiable detection	elevated	
Niagara County SD	Mon, Feb 5, 2024	Quantifiable detection	elevated	increasing
	Thu, Feb 1, 2024	Quantifiable detection	elevated	
	Mon, Jan 29, 2024	Quantifiable detection	elevated	
Niagara Falls	Mon, Feb 5, 2024	Quantifiable detection	elevated	increasing
	Mon, Jan 29, 2024	Quantifiable detection	elevated	

There is an expected 7-day rolling average of 0.27 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 Thank you for your continued participation in the New York State Wastewater Surveillance Network. We appreciate the time and service you give every week. Because of people like you, we can use wastewater data to provide an early warning to communities, forecast hospitalizations, and look at trends of SARS-CoV-2 in the sewershed, county, region, and state.

² Please feel free to contact me if you have any questions or concerns (315-777-2727 or haley.kappus-kron@health.ny.gov)

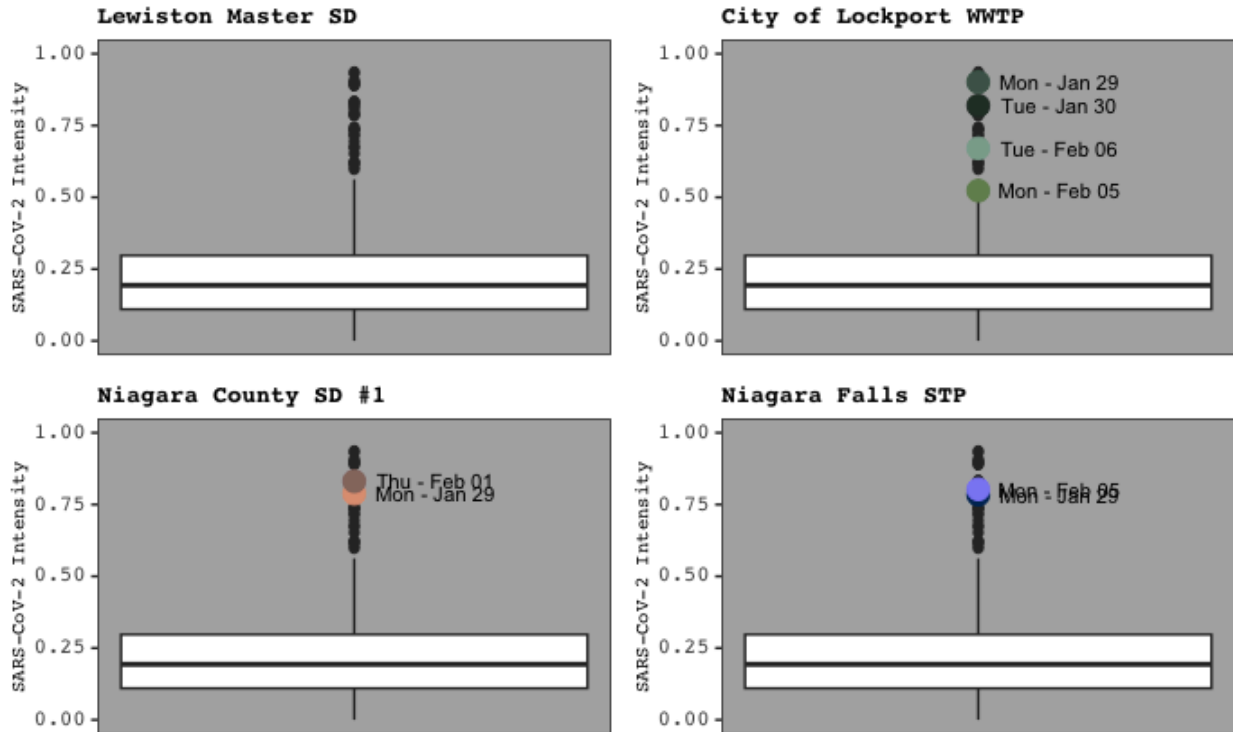


Figure 1: Observed levels of SARS-CoV-2 intensity at each of the Niagara County influents compared to NYS values.

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.

- Lewiston-Master
 - N/A
- Niagara County SD #1
 - Mon, Feb 5, 2024 - elevated
 - Thu, Feb 1, 2024 - elevated
 - Mon, Jan 29, 2024 - elevated
- Lockport
 - Tue, Feb 6, 2024 - elevated
 - Mon, Feb 5, 2024 - elevated
 - Tue, Jan 30, 2024 - elevated
 - Mon, Jan 29, 2024 - elevated
- Niagara Falls STP
 - Mon, Feb 5, 2024 - elevated
 - Mon, Jan 29, 2024 - elevated

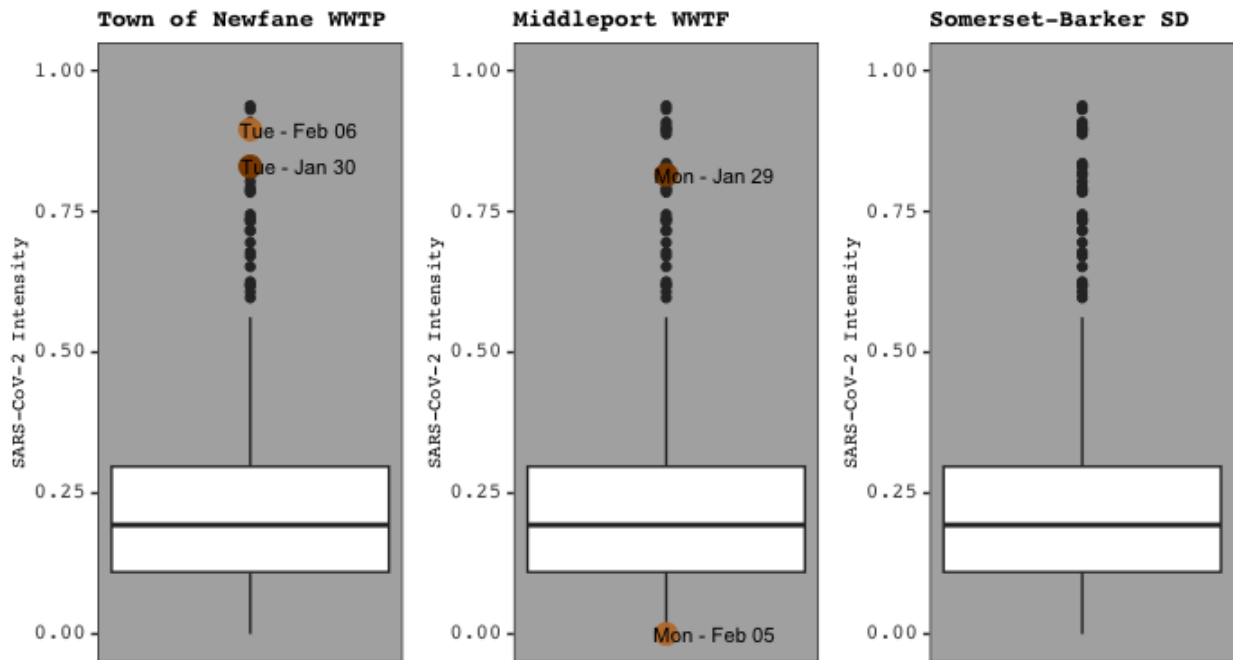


Figure 2: Observed levels of SARS-CoV-2 intensity at each of the Niagara County influents compared to NYS values. (continued)

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.

- Newfane
 - Tue, Feb 6, 2024 - elevated
 - Tue, Jan 30, 2024 - elevated
- Middleport
 - Mon, Feb 5, 2024 - lesser
 - Mon, Jan 29, 2024 - elevated
- Somerset-Barker
 - N/A

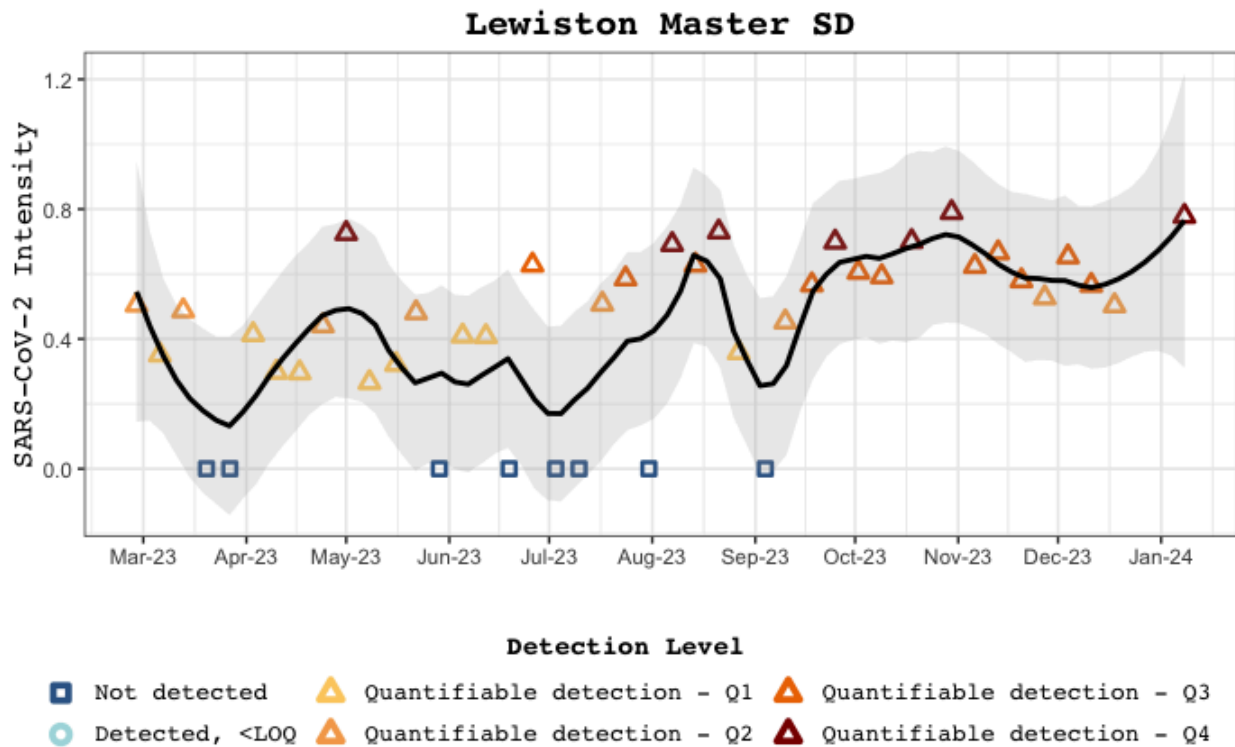


Figure 3: SARS-CoV-2 intensity over time at the Lewiston Master influent.

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.

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

- o Not detected: <10 cases per 100,000
- o Detected, <LOQ: 10-50 cases per 100,000
- o Quantifiable detection: more than 50 cases per 100,000
 - o Quantifiable detections are categorized by quantile values based on UB’s 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.

Over the past two weeks, the population served by the Lewiston Master 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.

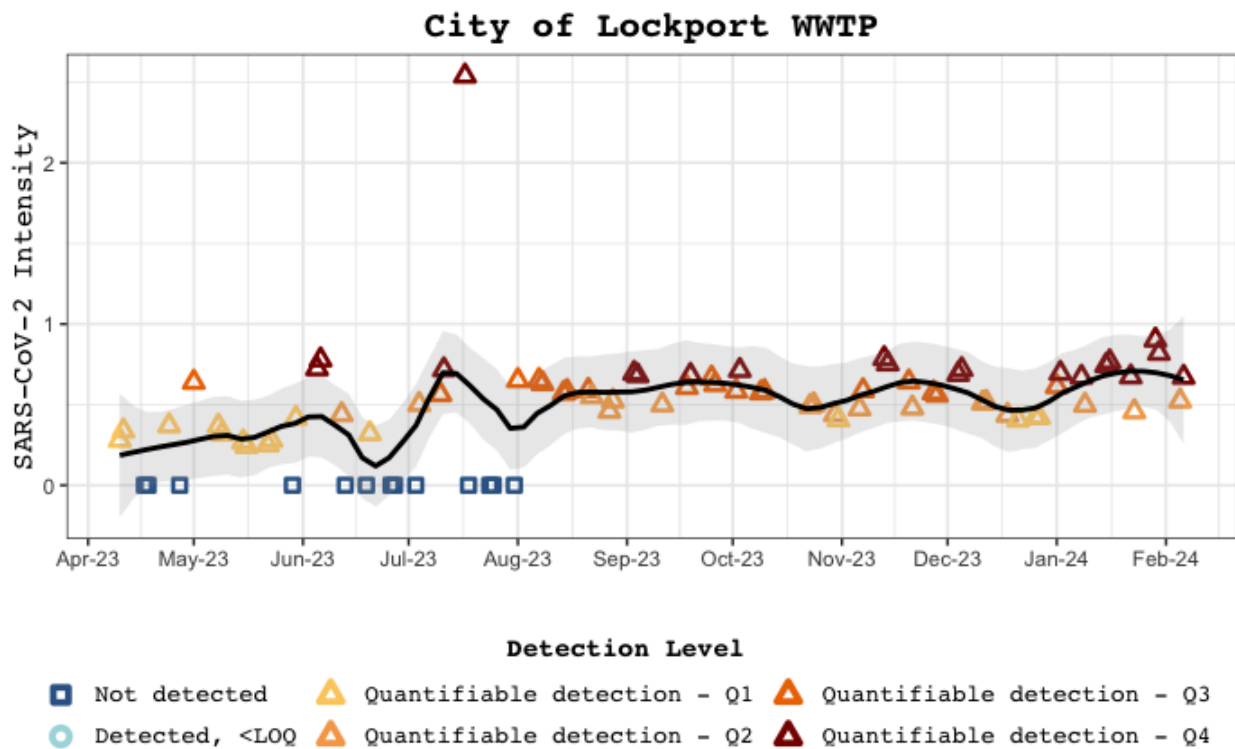


Figure 4: SARS-CoV-2 intensity over time at the City of Lockport influent.

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 City of Lockport influent is experiencing a decreasing trend. This would mean that the population could expect lower 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.

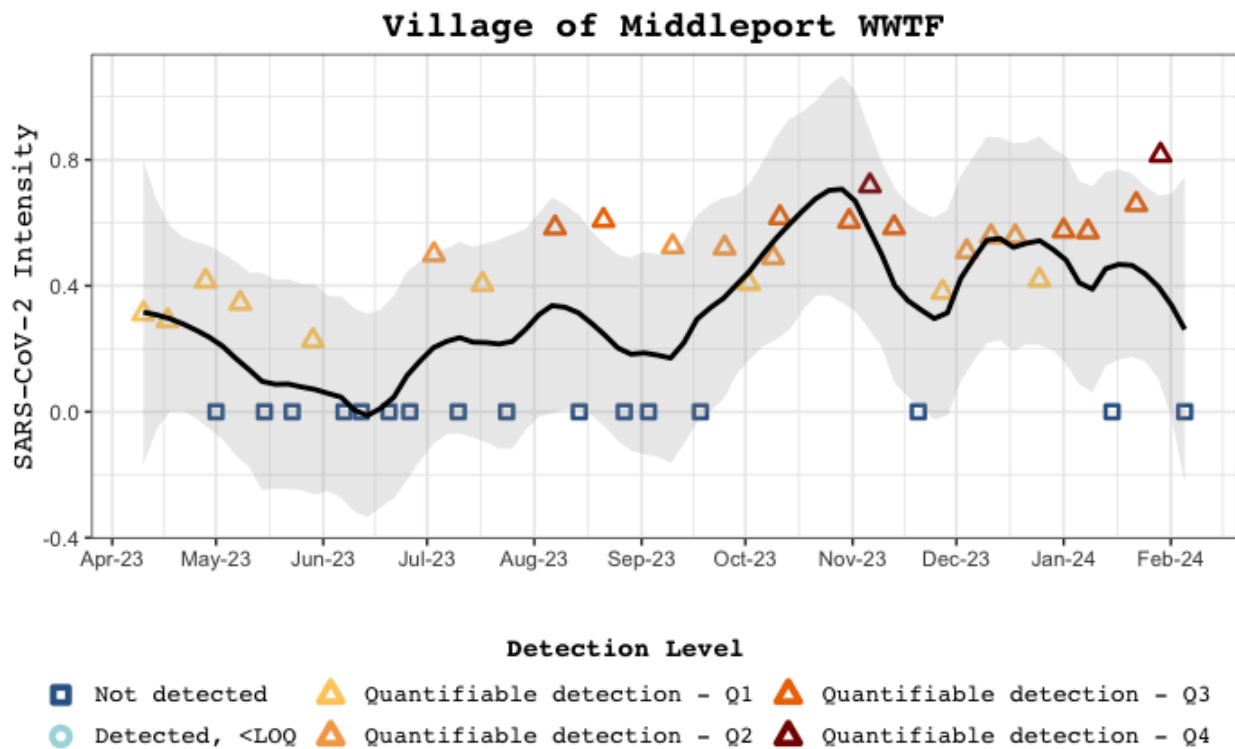


Figure 5: SARS-CoV-2 intensity over time at the Village of Middleport influent.

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 Village of Middleport influent is experiencing a decreasing trend. This would mean that the population could expect fewer daily COVID-19 cases in the coming weeks, if this trend continues. The most recent sample had a level of non-detection, suggesting daily case incidence of less than 10 cases per 100,000 population.

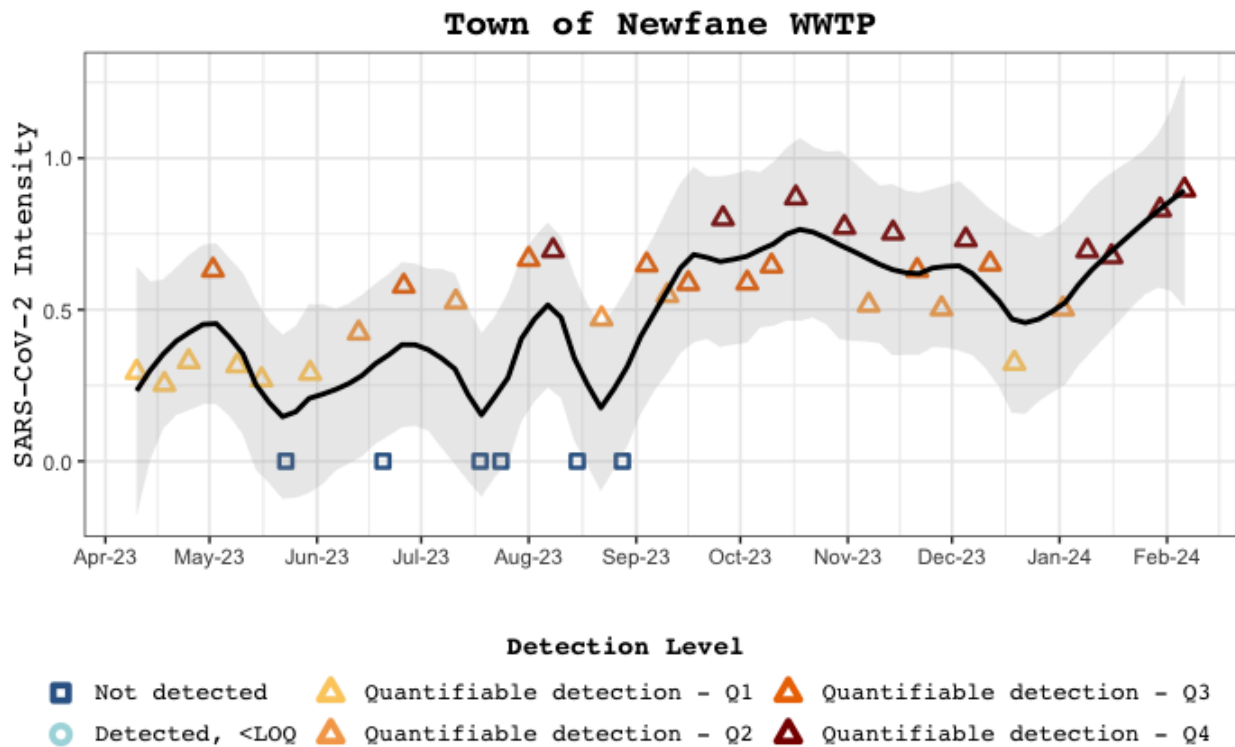


Figure 6: SARS-CoV-2 intensity over time at the Town of Newfane influent.

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 Town of Newfane 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.

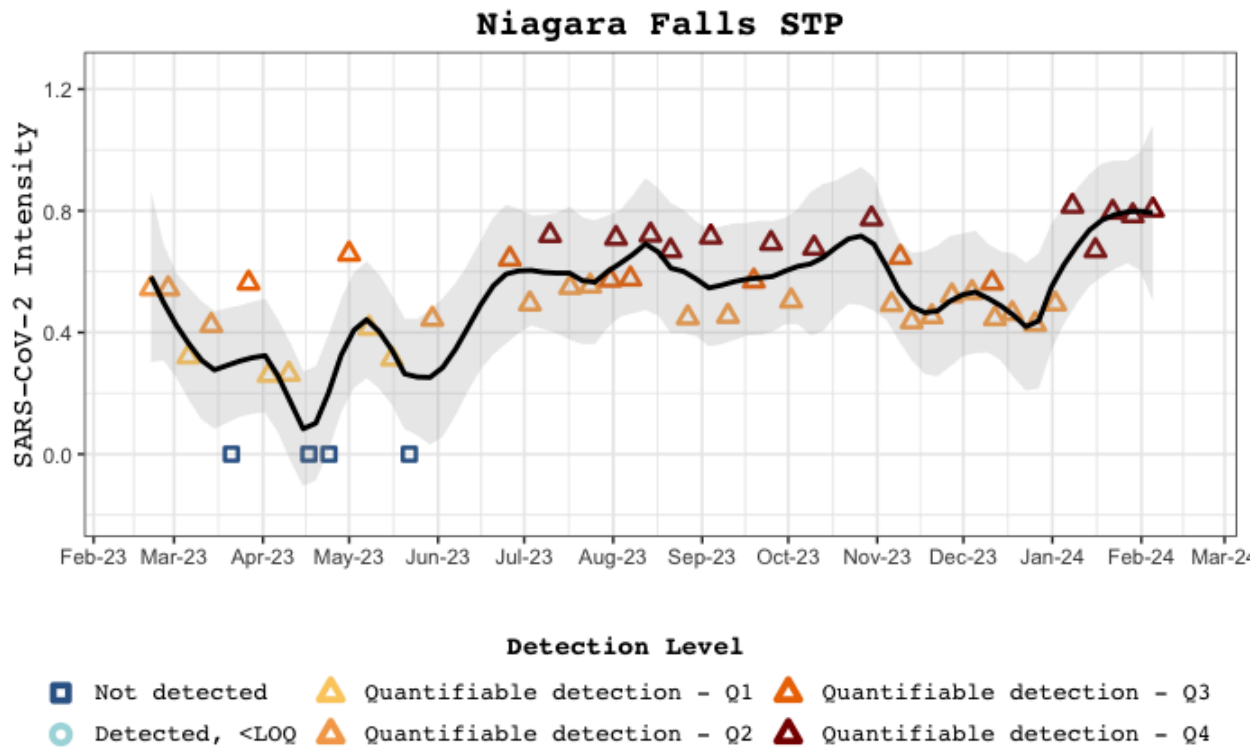


Figure 7: SARS-CoV-2 intensity over time at the Niagara Falls influent.

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.

Niagara County SD #1

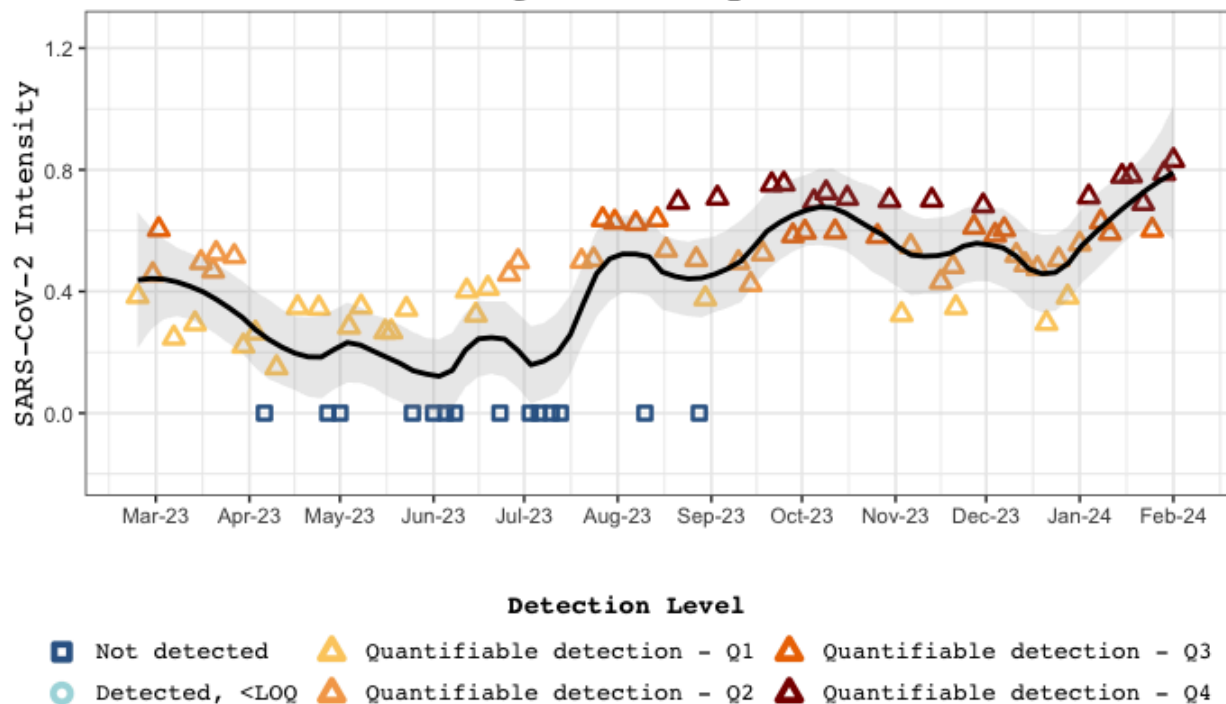


Figure 8: SARS-CoV-2 intensity over time at the Niagara County SD #1 influent.

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 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.

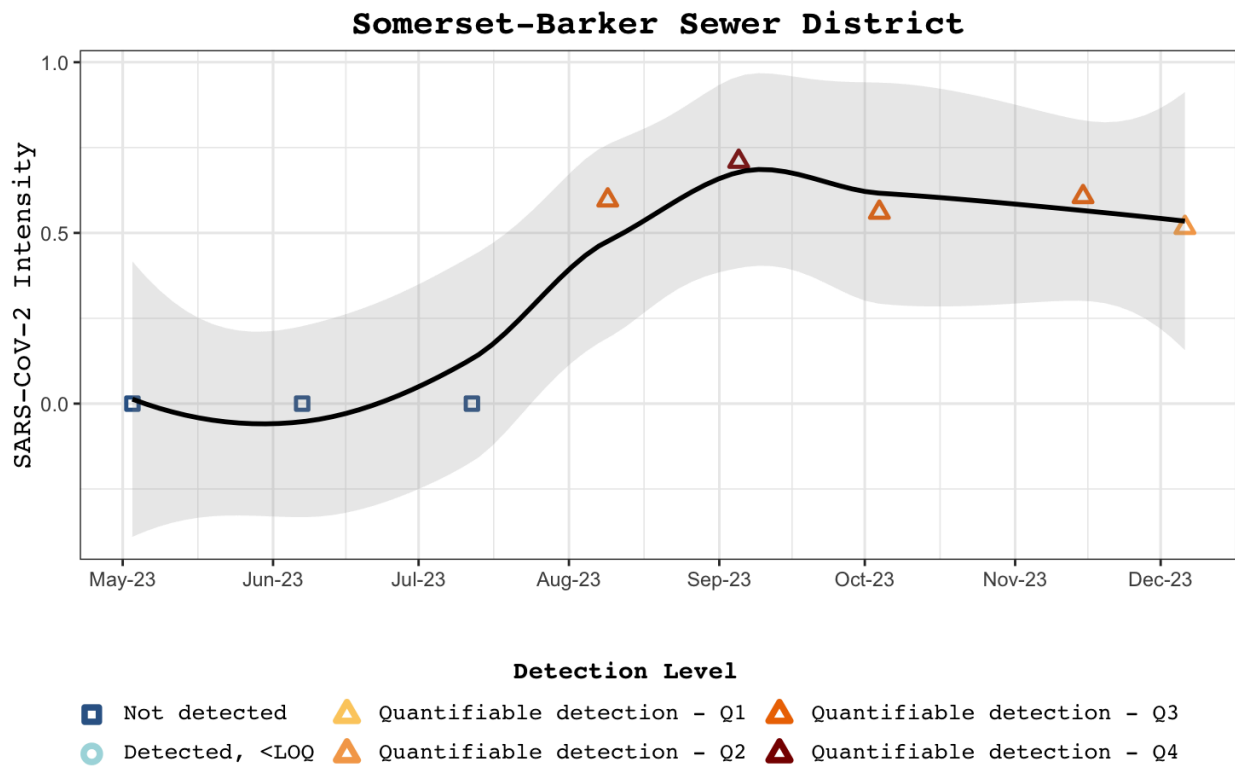


Figure 9: SARS-CoV-2 intensity over time at the Somerset-Barker Sewer District influent.

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 Somerset-Barker Sewer District 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.

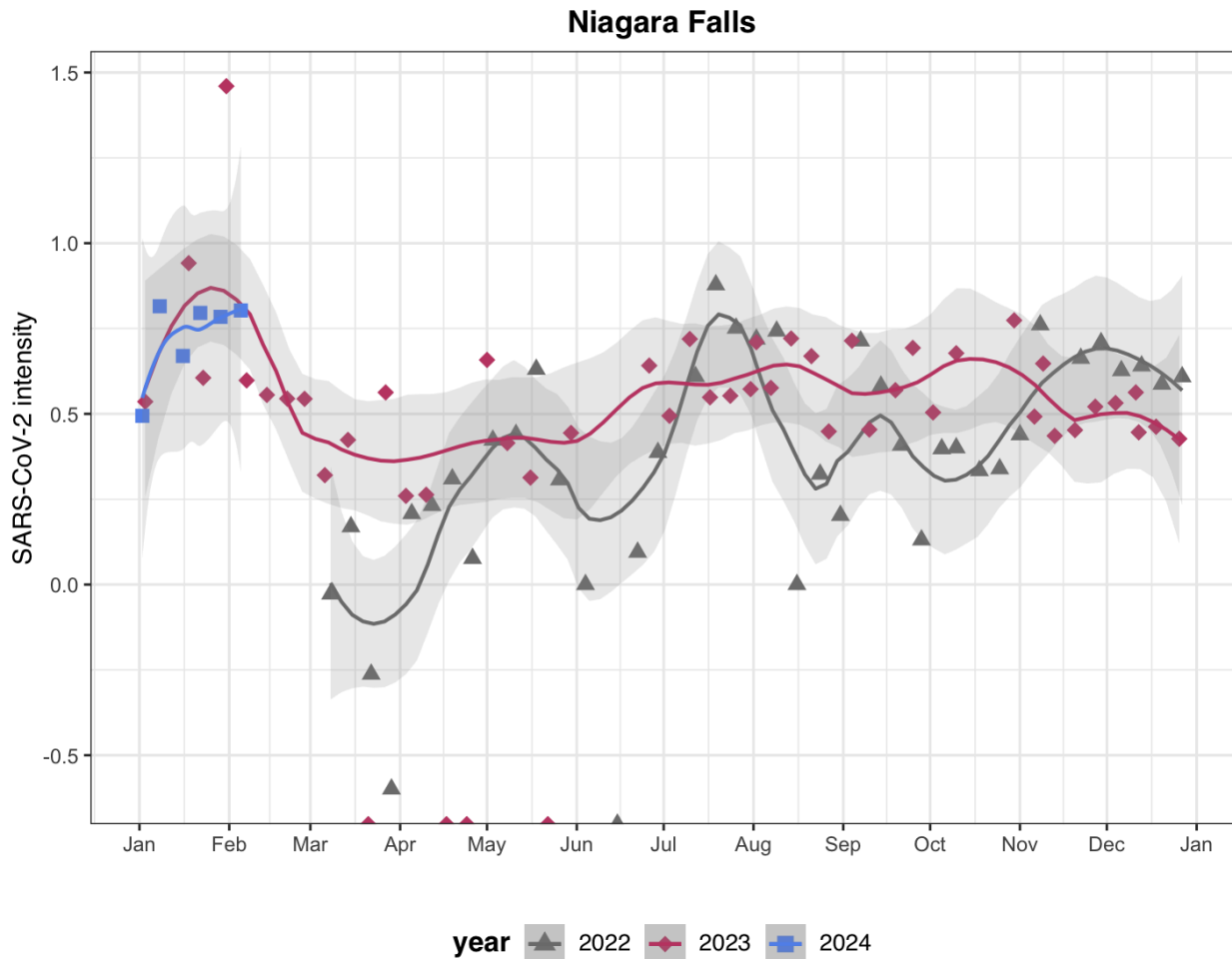


Figure 10: Annual comparison of SARS-CoV-2 intensity for each of the Niagara County sites sampling beyond one year.

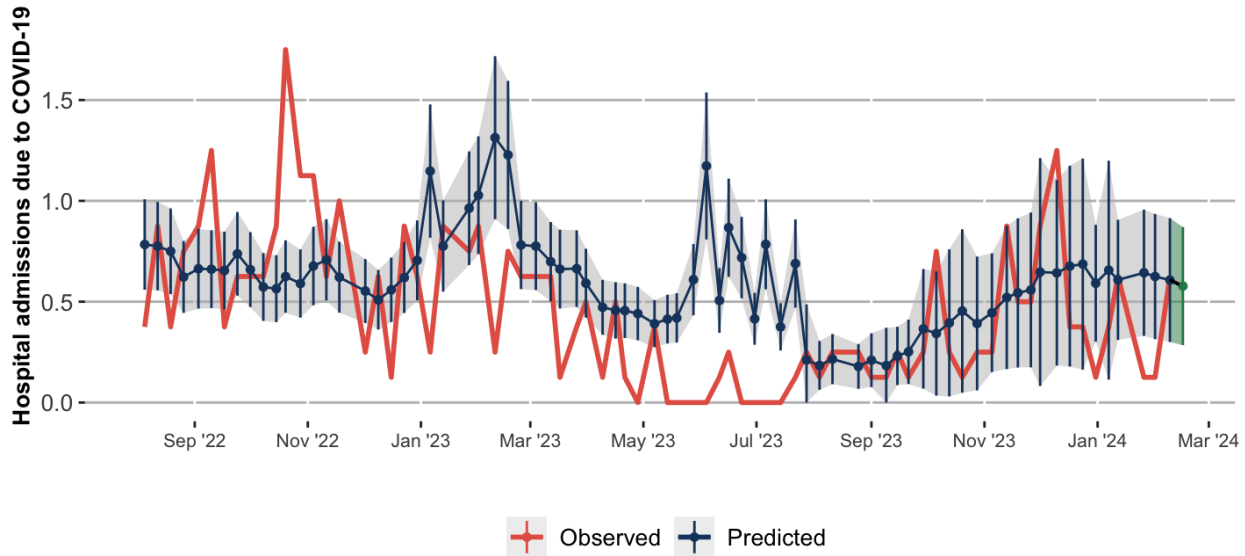
A smoothed trend line for each year wastewater treatment plants in Niagara County have been sampled for the NYSWWSN, and wastewater samples are shown. Plots are faceted by treatment plant when there are at least two plants in the county.

- Note, that the intensity for the Niagara Falls influent is comparable for 2024 when compared to the previous year.

Niagara County COVID-19 in-patient hospitalization trend

Predicted 7-day average in-patient hospitalizations in the next 10 days: **0.58***

4.92 percent decrease from previous week's prediction



* 0.27 Per 100,000 population

Figure 11: Observed and predicted COVID-19 attributed hospitalization trends for Niagara County.

This figure shows predicted new in-patient hospital admissions due to COVID-19 for your county. Predictions are calculated from a generalized linear mixed model that fits wastewater data with a ten-day lag, log transformed active case numbers, 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,

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 data. 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.

With the end of the emergency declaration on May 11, 2023, several hospitals changed how they report case data including no longer reporting negative PCR test results. This resulted in an artificial increase in test positivity in those counties and negatively impacted our forecasting. Due to this change, we have removed test positivity and replaced it with the 7-day average of active cases. While not as reliable as test positivity was, this change has helped move the predictions closer to what we are observing. The new model also includes a regional average for SARS-CoV-2 intensity detection for the past 90 days indicative of the overall state of transmission for a region.

Last 6 Weeks Niagara County Sewersheds: Variants found from weeks beginning Sun, Dec 17, 23 to Sun, Jan 28, 24		
Label	Sewershed	Variants Found
Variant of concern	Lockport	BA.2.86; EG.5; EG.6.1; HV.1; JD.1.1; JF.1; JG.3; JN.1; XBB.1.16.15; XBB.1.9.2
Variant of interest	Lockport	JD.1.1
Variant of concern	Niagara County Sewer District	BA.2.86; EG.5; JG.3; JN.1
Variant of interest	Niagara County Sewer District	BA.2; BA.2.86; GK.2; JD.1.1; JF.1; JN.1
Variant under monitoring	Niagara County Sewer District	XBB.1.16.6
Variant of concern	Niagara Falls	BA.2.86; EG.5; HV.1; JD.1.1; JF.1; JG.3; JN.1; XBB.1.9.2
Variant of interest	Niagara Falls	XBB.1.9.2
Variant of concern	Town of Newfane Sewer District	EG.5; FL.1.5.1; JD.1.1; JG.3; JN.1
Variant of interest	Town of Newfane Sewer District	XBB.1.9.2
Variant under monitoring	Town of Newfane Sewer District	EG.5.1.8
Variant of concern	Village of Middleport	BA.2.86; EG.5; HV.1; JG.3; JN.1; XBB
Variant of interest	Village of Middleport	JN.1
Variant under monitoring	Village of Middleport	HV.1; JN.1

Variants found throughout state from 2023-12-17 to 2024-01-28: BA.2, BA.2.86, CH.1.1, EG.5, EG.5.1.8, EG.6.1, FL.1.5.1, GE.1, GK.1.1, GK.2, HF.1, HK.3, HV.1, JD.1.1, JF.1, JG.3, JN.1, XBB, XBB.1.16.11, XBB.1.16.15, XBB.1.16.17, XBB.1.16.6, XBB.1.42.2, XBB.1.5, XBB.1.5.70, XBB.1.5.72, XBB.1.9.1, XBB.1.9.2, XBB.2.3

Figure 12: County level variants under monitoring tables in the last six weeks

These tables show variants currently monitored by various public health organizations. Variant name, source of information, and sewershed presence are shown.

Each variant shown in the table has been detected in Niagara County during the last six weeks. Variants are grouped by their monitoring label and the sewershed where they were detected. Each variant is separated by “;”. The dates that match those intervals are shown in the titles of the tables. The footnotes contain the statewide variants of concern found in the last six weeks.

To learn more about monitoring status of SARS-CoV-2 variants: [CDC](#), [WHO](#)

SARS-CoV-2 Genetic Sequencing
Sewersheds in Niagara

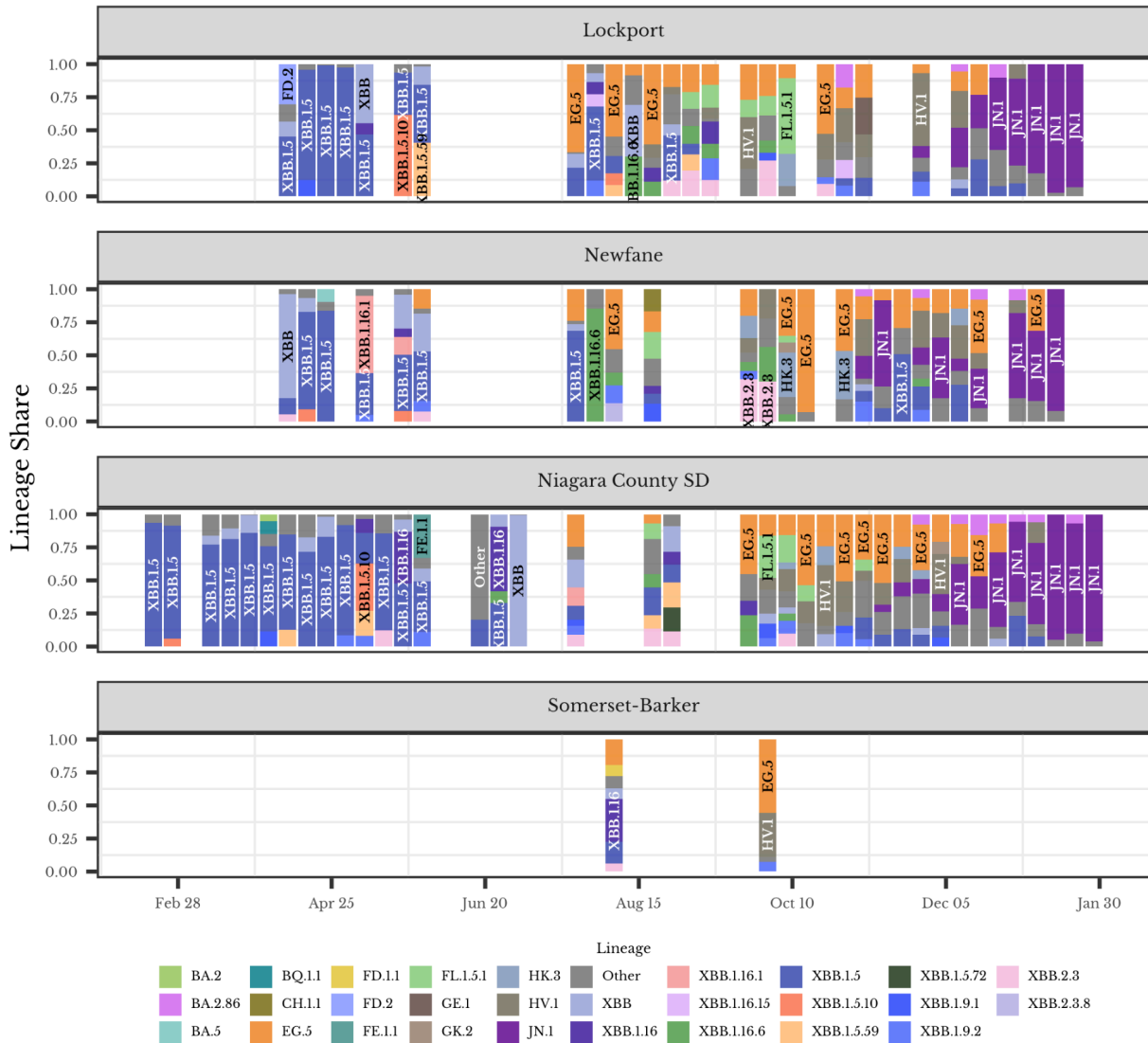


Figure 13: Sewershed level of SARS-CoV-2 genetic sequencing throughout time

Each bar shows the relative abundance of SARS-CoV-2 lineages during a sample collection date. Lineages with an abundance of at least 30% are labeled on the bar sections with the lineage name. The color of the bar corresponds to lineage. See the legend for more information regarding lineages. Lineages under 5% prevalence have been grouped together into the "Other" lineage category.

Treatment Plant	Week Beginning	Lineage	Approximate Prevalence
Lockport	2024-01-21	JN.1	93%
Newfane	2024-01-14	JN.1	92%
Niagara County SD	2024-01-28	JN.1	96%
Somerset-Barker	2023-10-01	EG.5	55%

SARS-CoV-2 Genetic Sequencing

Sewersheds in Niagara

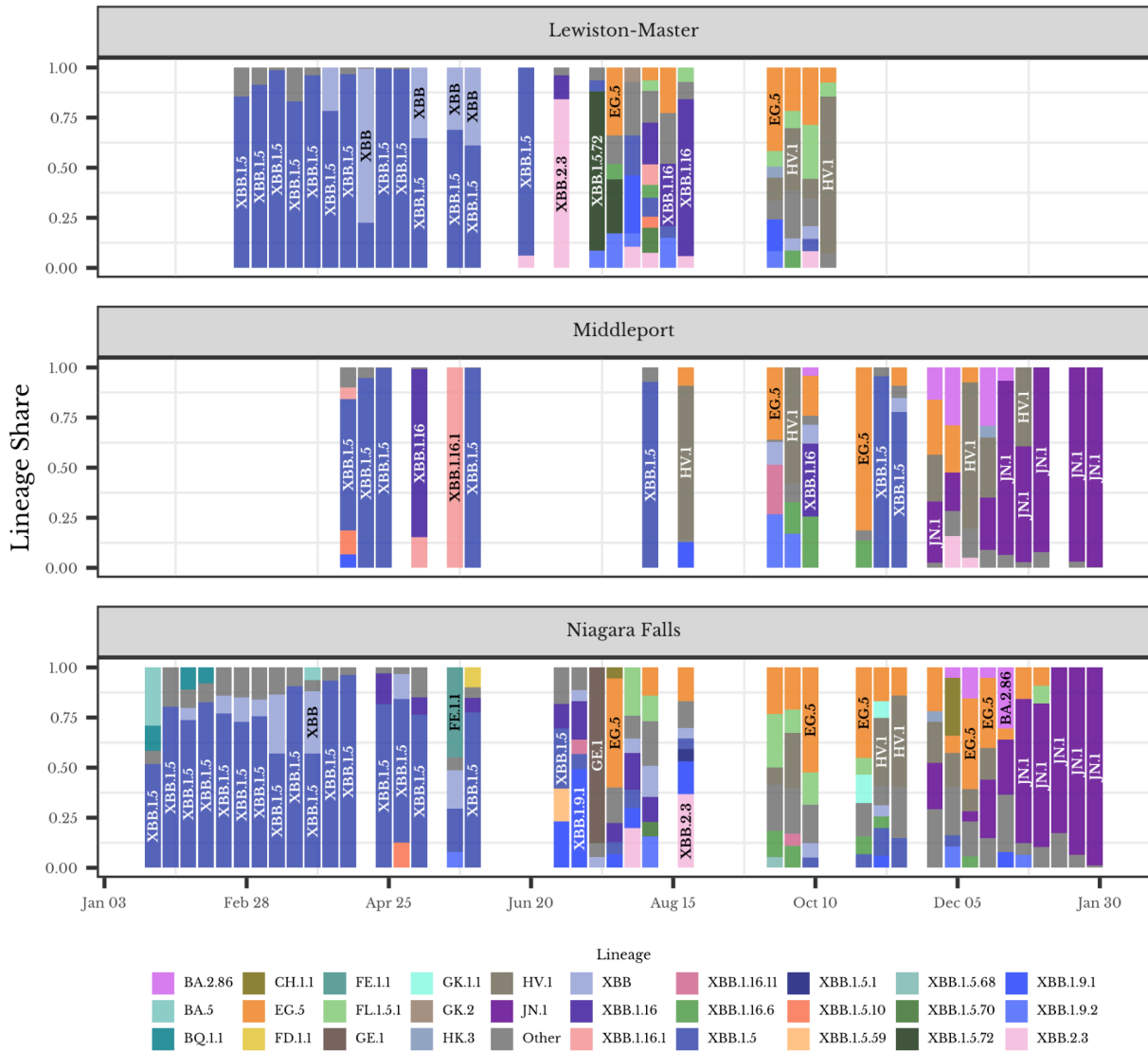


Figure 14: Sewersheds level of SARS-CoV-2 genetic sequencing throughout time (continued) Each bar shows the relative abundance of SARS-CoV-2 lineages during a sample collection date. Lineages with an abundance of at least 30% are labeled on the bar sections with the lineage name. The color of the bar corresponds to lineage. See the legend for more information regarding lineages. Lineages under 5% prevalence have been grouped together into the “Other” lineage category.

Treatment Plant	Week Beginning	Lineage	Approximate Prevalence
Middleport	2024-01-28	JN.1	100%
Niagara Falls	2024-01-28	JN.1	99%
Lewiston-Master	2023-10-15	HV.1	78%

SARS-CoV-2 Genetic Sequencing

Niagara Aggregation

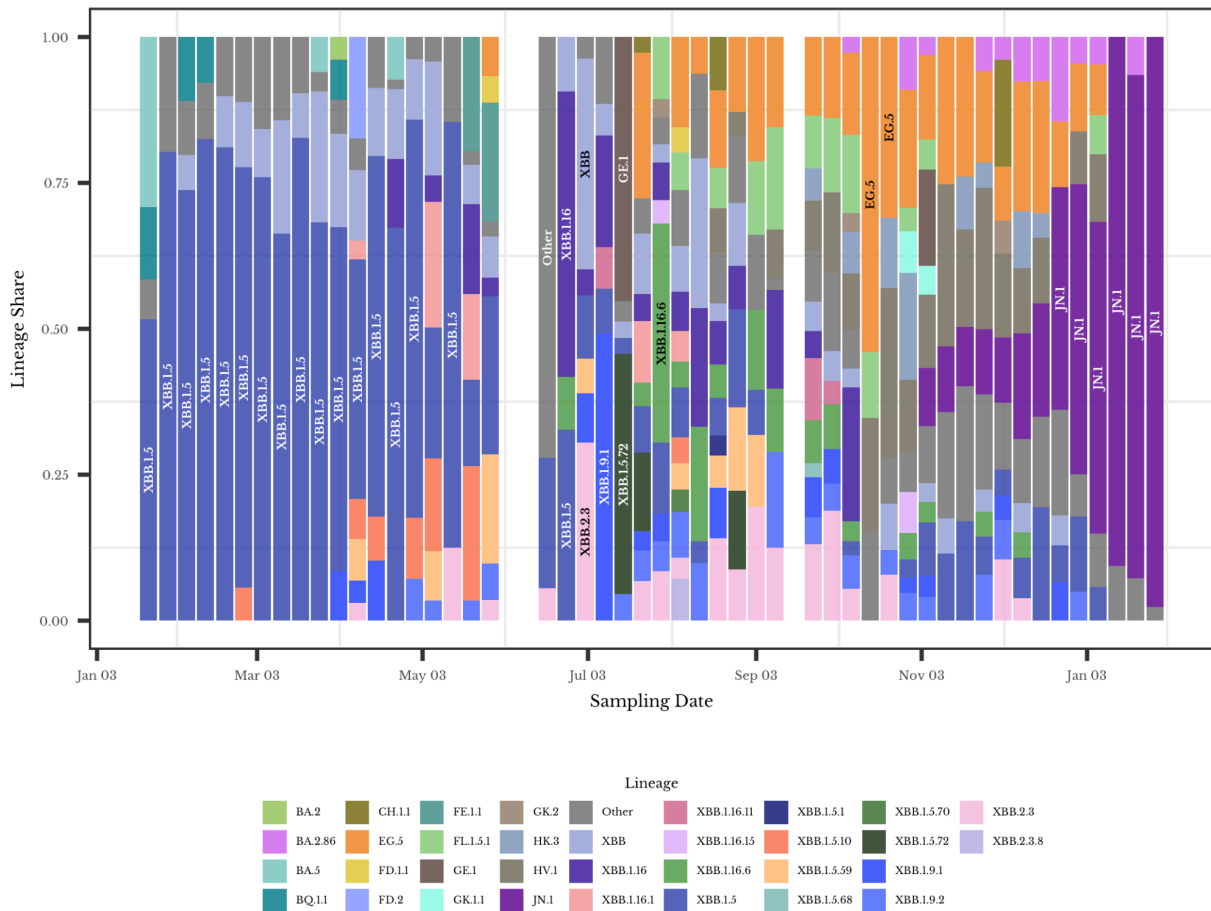


Figure 15: County aggregation of SARS-CoV-2 genetic sequencing throughout time

Each bar shows the relative abundance of SARS-CoV-2 lineages per sample collection date. Lineages with an abundance of at least 30% are labeled on the bar sections with the lineage name. The color of the bar corresponds to lineage. See the legend for more information regarding lineages. Lineages under 5% prevalence have been grouped together into the “Other” lineage category.

- The most recent aggregation from Niagara County for the week starting on 01/28/2024 showed the lineage with the highest abundance was JN.1 (~98%)

Q4 2023 Quarterly Progress Report Niagara Falls Water Board Order on Consent R9-20170906-129

Prepared for submission to:

New York State Department of Environmental Conservation Region 9
270 Michigan Avenue
Buffalo, New York 14203

Prepared by:

AECOM
50 Lakefront Blvd Suite 110
Buffalo, New York 14202

January 31, 2024



Q4 2023 Quarterly Progress Report

Niagara Falls Water Board Order on Consent R9-20170906-129



Prepared for Submission to:



New York State Department of Environmental Conservation Region 9
270 Michigan Avenue
Buffalo, New York 14203

Prepared By:

AECOM

50 Lakefront Boulevard Suite 111
Buffalo, New York 14202,

January 31, 2024

**Niagara Falls Water Board Order on Consent R9-20170906-129
Q4 2023 Quarterly Progress Report**

Table of Contents

Table of Contents	i
Executive Summary	ES-1
1. WWTP Performance	1-1
1.1. Treatment Plant Operations	1-1
1.2. Solids Removal Performance	1-2
1.3. Treatment Plant Equipment Readiness	1-3
2. Deliverables and Routine Communications	2-1
2.1. Deliverables Status.....	2-1
2.1.1. Existing WWTP Optimization Efforts	2-1
2.2. Deliverables in Next Quarter	2-1
2.3. Routine Communications in Past Quarter	2-1
2.4. Unresolved Issues/Delays	2-1
3. Capital Improvement Program	3-1
3.1. In-House Capital Upgrades Completed/Underway	3-1
3.2. Capital Improvement Projects	3-1
 Figures	
Figure 1 – Capital Projects Schedule.....	3-2
 Tables	
Table 1 – NFWB WWTP Solids Balance	1-5
Table 2 - NFWB Submissions to NYSDEC per Schedule A of the Consent Order	2-1

**Niagara Falls Water Board Order on Consent R9-20170906-129
Q4 2023 Quarterly Progress Report**

January 31, 2024

Executive Summary

This document is the twenty fourth (24th) quarterly progress report for the Niagara Falls Water Board (NFWB) Order on Consent R9-20170906-129 (Consent Order) as originally required by Schedule A Item 15 of the Consent Order. This progress report covers the period from October 1, 2023 through December 31, 2023.

During the past quarter, the NFWB has properly operated the wastewater treatment plant (WWTP) and has met all State Pollution Discharge Elimination System (SPDES) permit requirements with the exceptions noted in Section 1.1 of this report. Solids processing (settling, thickening, dewatering) during this period has functioned as intended. Primary effluent is clean which has allowed the WWTP's activated carbon filters to efficiently process the plant's influent flow. Dewatering throughput during this period has kept up with incoming solids, compared to influent solids loadings. The WWTP was operated free of significant odors during the past quarter.

Maintenance activities during the reporting period have been ongoing, and as of the end of the quarter major treatment systems and components are functional. The WWTP is undertaking a number of capital upgrades and improvements that are within the capability of the WWTP's maintenance staff and/or contractors awarded service contracts. In addition to the projects being undertaken by the WWTP's staff and outside contractors, project planning, design, and construction of \$27 million in major capital upgrades are taking place. Projects 2, 4, 6, 7, 8, 9, and 11 have been completed and work continues on Projects 1, 3, 5 and 10. Project 6 was reopened in Q4 2023 by the addition of sodium hypochlorite storage tank upgrades to the existing Project 6 scope. This work includes replacement of Tank 216 along with some sodium hypochlorite pump, piping, and secondary containment upgrades. Project 12 is expected to go out for Request for Proposal in the near future.

The NFWB has met all scheduled requirements of the Consent Order as identified in Schedule A of the Consent Order. Specific submissions during the past quarter include:

- The twenty third (23rd) quarterly report for the third quarter of 2023 (Q3 2023) was submitted October 31, 2023 to the New York State Department of Environmental Conservation (NYSDEC) and posted on the NFWB's website (Consent Order Item 15).

The NFWB is committed to working cooperatively and openly with the NYSDEC to improve the Niagara Falls WWTP and operate it to the best of its capability.

**Niagara Falls Water Board Order on Consent R9-20170906-129
Q4 2023 Quarterly Progress Report**

January 31, 2024

1. WWTP Performance

This section discusses the operation of the NFWB WWTP during the reporting period of October 1, 2023 through December 31, 2023. In the following sections, Treatment Plant Operations, Solids Removal Performance, and Treatment Plant Equipment Readiness are discussed.

1.1 Treatment Plant Operations

Mr. Dennis Kirkland serves as Chief Operator of the wastewater treatment plant as of January 4, 2022. As of November 15, 2023, Mr. David Conti (New York State Grade 4 Licensed Operator #14329) accepted a position as Operations Executive with the NFWB and has assumed the role as the licensed Grade 4 plant operator. Mr. Conti's principal work location is at the WWTP where he is responsible for plant operations and maintenance. Mr. Conti will serve as the licensed plant operator. Mr. Conti obtained his license while working in North Tonawanda's WWTP, so he is familiar with granular activated carbon secondary treatment. This change was reviewed and approved by Mr. Robert Locey (NYSDEC Region 9) on October 27, 2023 via email.

During the reporting period there were three (3) reported SPDES permit excursions each month as a result of the NFWB WWTP analytical laboratory losing its Environmental Laboratory Approval Program (ELAP) certification for Fecal Coliform and Hexachlorobenzene. As a result, the facility is considered to be in violation each month for the following SPDES permit limits as if they were not tested for:

- Fecal Coliform 30 Day Geometric Mean,
- Fecal Coliform 7 Day Geometric Mean, and
- Hexachlorobenzene Monthly Average.

Because of the loss of ELAP certification for these two (2) analytical parameters (fecal coliform and hexachlorobenzene) it is considered for DMR reporting purposes that the facility failed to test for the parameter. Unfortunately, this situation developed under the prior NFWB Executive Director and Lab Technical Director, both of whom since have resigned, and was not communicated to appropriate NFWB staff and the NYSDEC until January of 2024. As of January 2024, samples for these parameters are being sent out for analysis by an ELAP certified laboratory. The good news during Q4 2023 is that the WWTP did not have any violations of its alpha-BHC effluent limit. This had been an ongoing monthly violation since the WWTP's effluent limits for alpha-BHC were reduced in October of 2021. It is believed that reduced industrial loadings implemented by industrial customers during Q4 2023, at the request of the NFWB, are responsible for the reduced plant loadings of alpha-BHC.

During Q4 2023 solids processing has kept up with the incoming solids, and equipment maintenance and repair activities have been conducted as promptly as possible.

Sodium hypochlorite consumption has remained low during Q4 2023 (5,600 gallons per day average) and is consistent with the overall 2024 average of 5,700 gallons per day. The practice of chlorinating

Niagara Falls Water Board Order on Consent R9-20170906-129
Q4 2023 Quarterly Progress Report

January 31, 2024

the primary effluent was stopped on January 26, 2023 due to issues with the filters and reduced sulfide generation (see additional discussion below). Chlorination of the filter backwash water continues to be practiced.

The following operational considerations were noted during Q4 2023:

- Cascades has continued to discharge relatively low amounts of both total suspended solids (TSS) and soluble organic carbon (SOC) during Q4 2023. Q4 2023 suspended solids loadings from Cascades averaged 2,500 lbs./day (TSS) (down from 6,000 lbs./day in Q3 2023) and soluble organic carbon loadings averaged 811 lbs./day (SOC) (down slightly from 850 lbs./day in Q3 2023). The suspended solids discharges from Cascades were not unduly affecting the WWTP sludge processing operations and the NFWB gravity thickener was generally overflowing clean. Reductions in solids and organic carbon discharges from Cascades are believed to be responsible for the reduced consumption of sodium hypochlorite in 2023 relative to 2021 and 2022.
- Carbon filter backwash numbers have remained low (approx. 25 to 35 per day) and all backwash water continues to be directed to the head of the plant where it is retreated through the sedimentation basins and activated carbon.
- The facility's odor scrubber that serves the odor control building suffered a catastrophic failure of the blower on August 3, 2023. A new blower has been obtained but the WWTP is awaiting a new activated carbon vessel. Installation of the blower and carbon adsorber is expected in Q1 2024.
- Sedimentation Basin 3 construction was completed in Q4 2023, and the basin was turned over to the NFWB to put back into service. Construction on Sedimentation Basin 2 began in Q4 2023. As of the end of Q4 2023 the facility is using Sedimentation Basins Nos. 1, 3, 4 and 5.
- In late November 2023, the NFWB potable water treatment plant (WTP) began discharging its solids generated in sedimentation basins and filter backwash to the sewer which transports the material to the WWTP for treatment. The solids result from the use of an alum coagulant at the WTP. Thus far with a little over a month's worth of operating time, the WTP solids have not caused any issues at the WWTP.

1.2 Solids Removal Performance

A solids balance for October, November, and December 2023 is presented in Table 1. The data is based upon effluent flow meter measurements and influent/effluent total suspended solids sample results generated by the facility. The data shows that the quantity of solids sent to the landfill has exceeded the amount of solids removed from the wastewater plus chemical solids added (ferric chloride and lime).

Influent suspended solids have continued to be lower than historical averages. The trend of lower influent solids began in November 2021 and appears to correlate with major reductions in suspended

Niagara Falls Water Board Order on Consent R9-20170906-129
Q4 2023 Quarterly Progress Report

January 31, 2024

solids discharged from Cascades. During the past quarter influent suspended solids loadings averaged 153 dry tons per month (DTPM) compared to the 2023 annual average of 195 DTPM.

1.3 Treatment Plant Equipment Readiness

During the reporting period there were several treatment plant equipment breakdowns that required maintenance staff to repair or replace equipment. Minor repairs have been made this past quarter for pumps, belt filter presses, and sedimentation basin equipment to address issues that have arisen. Although these repairs may have kept equipment out of service for periods of time during the past quarter, it has not significantly affected the plant performance. In general, a sufficient number of sedimentation basins with fully functional sludge removal equipment have been available to treat all incoming flows. As of the close of Q4 2023, the following can be said regarding treatment equipment operability:

- Four (4) Main Pumps are operational. The two (2) Main Pump Wet Wells were emptied and cleaned in Q4 2023, and a large traffic barrel was found in the wet well for Main Pumps 3 and 4 (west wet well). It is believed that this large neutrally buoyant object would ingest itself into Main Pump 3 or 4 and then would expel itself back into the wet well when the pump was turned off (there are no check valves in the Main Pump discharge piping therefore the column of water in the effluent piping backflows into the wet well when the pump is turned off). The barrel would then get sucked up into Main Pump 3 or 4 when one or the other was turned back on. Therefore, the issue with Main Pump 3 reported in Q3 2023 has been resolved.
- Three (3) Intermediate Pumps are operational and control/VFD issues are being monitored. Intermediate Pump #1 was formally taken out of service and its suction side valve was removed and replaced with a blind flange in Q3 2023. The suction side valve, which would not close, will be replaced. The pump motor and DC magnetic drive were sent out for rebuilding in Q4 2023 and are due back at the WWTP in March 2024. The pump housing (volute, impeller, bearings, etc.) was removed and inspected and a spare pump housing (available at the facility) was installed in Q4 2023. A new valve and coupler were ordered and are expected to arrive at the facility in Q1 2024. Upon completion of the rebuilding of Intermediate Pump #1 the pump should function like new. A new project to evaluate the rest of the intermediate pumps, motors, drives, and controls is expected to be bid out for engineering services in Q1 2024.
- Four of the five sedimentation basins are functional, with Sedimentation Basin No. 2 out of service for construction. During the past quarter, two (2) sedimentation basins have been used for flows up to 40 mgd, three (3) basins used for flows between 40 mgd and 60 mgd, and four (4) basins for flows over 60 mgd.
- Twenty-seven (27) activated carbon filters are functional, with Filter 27 requiring replacement activated carbon which should occur in Q1 2024. In late December 2023, the facility contracted with their vendor Carbon Activated to remove and dispose of all activated carbon

Niagara Falls Water Board Order on Consent R9-20170906-129
Q4 2023 Quarterly Progress Report

January 31, 2024

in the Spent Tank, and to change activated carbon in four (4) filters (Filters 9, 14, 23 and 24). As of the close of Q4 2023 this work was just getting started.

- The filter backwash system is functional including two backwash pumps and two blowers.
- Three (3) belt filter presses and related equipment (sludge and polymer feed pumps) are operational. Drain lines serving the belt filter presses were cleaned during Q4 2023 and drainage issues with BFP#1 have been resolved.
- Two (2) pugmills, two (2) lime feed systems, and two (2) lime storage silos are fully functional.

Niagara Falls Water Board Order on Consent R9-20170906-129
 Q4 2023 Quarterly Progress Report

January 31, 2024

Table 1
 Q4 2023 NFWB WWTP Solids Balance

Month & Year	Average Daily Flow mgd	Average Influent TSS mg/l	Average Effluent TSS mg/l	TSS Removed (Dry) Tons/day	Ferric Chloride Added to Wastewater (Dry) Tons/day	Lime Added to Sludge (Dry) Tons/day	Total Solids (Dry) (TSS + Lime + Ferric) Tons/day	Solids Content of Landfilled Sludge %	Total Solids (Wet) Tons/day	Solids Landfilled (DRY) Tons/day	% Landfilled
Oct-23	20.2	55.7	11.7	3.7	0.96	1.21	5.9	23.7%	24.8	7.3	124%
Nov-23	20.0	49.2	10.5	3.2	0.98	1.27	5.5	21.7%	25.2	9.7	178%
Dec-23	27.1	55.0	7.7	5.3	1.13	1.52	8.0	23.9%	33.4	9.98	125%

NOTES: mgd million gallons per day
 TSS Total Suspended Solids

¹ % Greater than or equal to 100 indicates all incoming solids plus all chemicals added are removed and sent to landfill.

**Niagara Falls Water Board Order on Consent R9-20170906-129
Q4 2023 Quarterly Progress Report**

January 31, 2024

2. Deliverables and Routine Communications

This section presents a listing and discussion of deliverables prepared by the NFWB for submission to the NYSDEC. In addition, other related written communications between the NYSDEC and the NFWB are also discussed.

2.1 Deliverables Status

All deliverables required under the consent order have been submitted to the NYSDEC in accordance with the schedule in the Consent Order. Deliverables submitted during the past quarter are listed in Table 2.

**Table 2
NFWB Submissions to NYSDEC per Schedule A of the Consent Order**

Date	Prepared By	Consent Order Schedule A Items	Comment
October 31, 2023	AECOM	Item 15	The twenty third quarterly progress report for the third quarter of 2023 (Q3 2023) was submitted.

2.1.1 Existing WWTP Optimization Efforts

The plant is using Sedimentation Basin No. 5 as a treatment basin and will continue to direct filter backwash water to the head of the plant for retreatment through the sedimentation basins and carbon filters. This will likely continue until such time as all five (5) sedimentation basins are completed under Capital Project 1.

2.2 Deliverables in Next Quarter

All deliverables required under the Consent Order have been submitted. No other deliverables are pending or due under the consent order other than this quarterly report.

2.3 Routine Communications in Past Quarter

There were no significant communications with the NYSDEC in the past quarter.

2.4 Unresolved Issues/Delays

There are no unresolved issues or delays.

**Niagara Falls Water Board Order on Consent R9-20170906-129
Q4 2023 Quarterly Progress Report**

January 31, 2024

3. Capital Improvement Program

In this section, progress on WWTP capital upgrades is discussed. Capital upgrades are proceeding on several fronts. Projects that are within the capability of in-house maintenance staff are being undertaken as quickly as possible. Additionally, outside contractors selected for WWTP work (Mechanical Contractor – Mollenberg Betz, Electrical Contractor – Ferguson Electric) are being utilized for larger projects. Lastly, design and construction are underway to perform a number of capital upgrades that are necessary to stabilize the operation of the existing treatment plant. Each of these items is discussed in this section.

3.1 In-House Capital Upgrades Completed/Underway

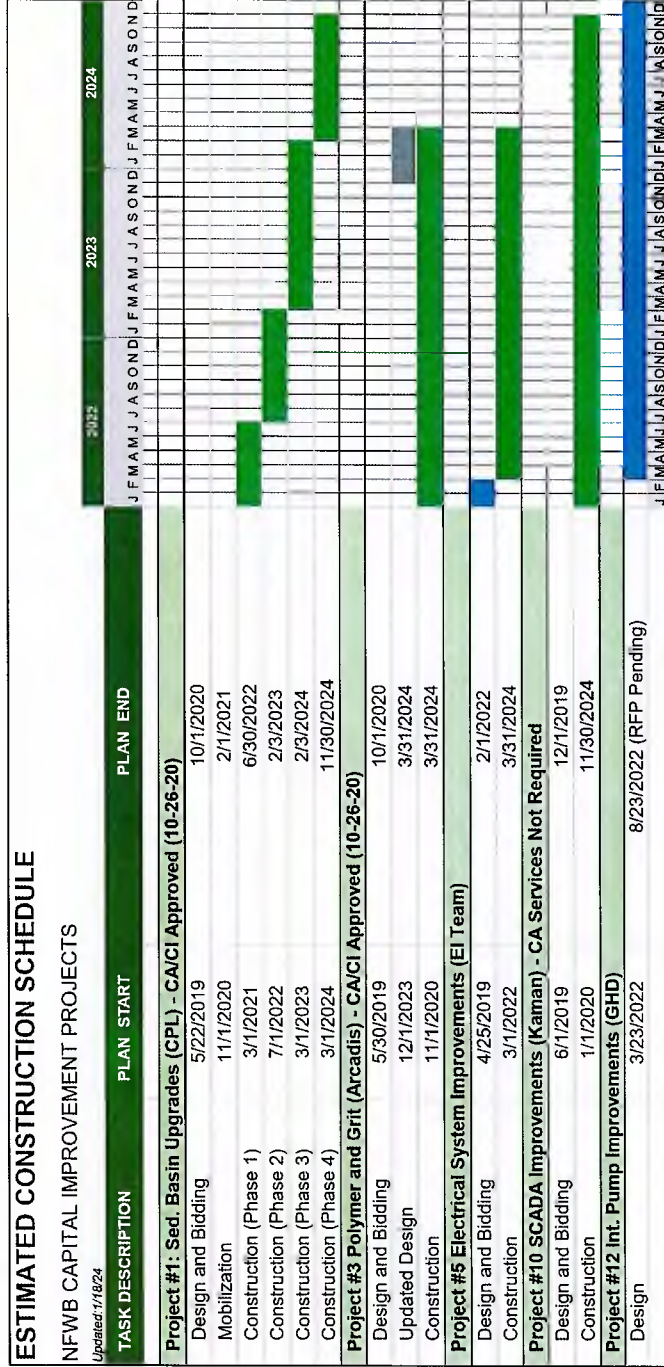
This category of projects includes work being undertaken by plant maintenance staff or outside contractors without the need for extensive design and engineering documents. This work is generally considered repair and/or replace in kind and therefore NYSDEC approval is not generally required prior to performing the work. At this time all work slated to be performed in-house has been performed.

3.2 Capital Improvement Projects

A schedule for the ongoing capital projects is shown in Figure 1. Note that the NFWB has sought and obtained approval from the NYSDEC to upgrade certain chemical bulk storage facilities under the existing Project 6 engineering services agreement, therefore Project 6 (effluent disinfection upgrades) is expected to be reopened in Q4 2024 to facilitate engineering and eventual construction of sodium hypochlorite improvements to Tank 216 and its secondary containment system.

January 31, 2024

Figure 1
 Capital Projects Estimated Construction Schedule





MINUTES

Business Meeting of the Niagara Falls Water Board January 22, 2024 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.) *Present*

Forster (Chairman) *Present*

Kimble (Board Member) *Present via Videoconference*

Larkin (Board Member/Vice Chairwoman/Governance Chairwoman/
Chairwoman Exec. Staff Review Cmte.) *Arrived at 5:01 pm*

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

Chairman Forster asked that the Board enter into executive session to for the purpose of considering matters leading to the appointment, employment, promotion, demotion, or removal of particular persons and regarding employment of a particular corporation (Public Officers Law § 105(f)) and collective bargaining negotiations (Public Officers Law § 105(3)).

Motion by Board Member Larkin and seconded by Board Member Leffler to enter into Executive Session at 5:03 p.m.

Asklar Y Forster Y Kimble Y Larkin Y Leffler Y

Motion carried, 5-0.

Motion by Board Member Larkin and seconded by Board Member Leffler to exit Executive Session at 6:11 p.m.

Asklar __Y__ Forster __Y__ Kimble __Y__ Larkin __Y__ Leffler __Y__

Motion carried, 5-0.

- 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).**

Mr. Costello noted that Jimmy Carminati, project manager with Waterbourne Construction and Aron Faegre, architect, were present via Zoom in case the Board wished them to speak on the resolution for U.S. Leasco / Rainbow Air project.

- c. Comments from Chairman Forster**

- i. 2024 Budgeted Expenses - Expenditures of User Rates, Fees, and Charges Less Debt Service**

- d. Presentations (none scheduled)**

- e. Letters and Communications**

- i. 2024-01-08 – EFC Correspondence Regarding Eligibility for Bipartisan Infrastructure Law (“BIL”) Funding for Clean Water State Revolving Fund (“CWSRF”) Project No. C9-6603-14-00, Wastewater Treatment Plant Improvements**
- ii. 2024-01-08 – EFC Correspondence Regarding Eligibility for BIL Funding for CWSRF Project No. C9-6603-15-00, Wastewater Treatment Plant Reconstruction**
- iii. 2024-01-08 – EFC Correspondence Regarding Eligibility for BIL Funding for CWSRF Project No. C9-6603-15-01, Wastewater Treatment Plant Reconstruction**
- iv. 2024-01-08 – EFC Correspondence Regarding Eligibility for BIL Funding for CWSRF Project No. C9-6603-16-00, 2022 Sewer System Improvements**

f. Prior Meeting Minutes

i. Draft December 18, 2023 Meeting Minutes

Motion by Board Member Asklar and seconded by Board Member Leffler to approve the December 18, 2023 meeting minutes.

Asklar Y Forster Y Kimble Y Larkin Y Leffler Y

Motion carried, 5-0.

2. Acting Executive Director – Michael Eagler

- a. WWTP Project Budget Tracker (CPL)**
- b. WWTP Construction Schedule Tracker (CPL)**
- c. Financial Award Summary (CPL)**

Mr. Eagler stated that he was delivering Mr. Bradberry's report in his absence. With the recent cold snap, there have been several water main breaks, with more expected when the ground thaws. On one recent day, there were two 8" main breaks outside of normal working hours, resulting in substantial overtime.

3. Operations Executive – David Conti

Mr. Conti stated that an issue arose with one of the WTP track vacuums earlier in the day, which Operations and Maintenance staff are working to address as quickly as possible.

4. Outside Infrastructure Updates – Cortez Bradberry

Mr. Bradberry was absent.

5. Engineering – Douglas Williamson

Mr. Williamson has re-advertised the bid for in-plant mechanical maintenance services, placing the invitation to bid in more places. This time, two bids were received. He also noted that a pre-proposal meeting for capital project engineering services was conducted on January 17, due to weather conditions that day an additional date will be scheduled. Several engineering firms have expressed interest in submitting proposals.

6. Personnel Items – David San Lorenzo

Mr. San Lorenzo noted that Civil Service has considered a proposed Technology Associate title, which would be an entry-level job to assist IT.

d. January 22, 2024 Personnel Actions

Motion by Board Member Larkin and seconded by Board Member Leffler to amend the January 22, 2024 Personnel Actions sheet to (a) grant all Executive Staff 20 days of Paid Time Off with the exception of any staff currently under contract; and (2) to amend the monthly stipend paid to Michael S. Eagler, Sr., for service as Acting Executive Director in addition to his hourly rate to provide for a monthly stipend equal to \$3,100.

Asklar Y Forster Y Kimble Y Larkin Y Leffler Y

Motion carried, 5-0.

Motion by Board Member Larkin and seconded by Board Member Asklar to approve the January 22, 2024 Personnel Actions as amended.

Asklar Y Forster Y Kimble Y Larkin Y Leffler Y

Motion carried, 5-0.

- a. December 2023 Retiring Employee Accrual Payment Reports**
- b. 2023 Total - Union Time Paid by Water Board**

7. Information Technology (IT) –Jonathan Joyce

Mr. Joyce reported that CISA now is scanning our system for vulnerabilities, and the NFWB also is using Darktrace for cyber security. An upcoming project is to install a cellular failover for the Gorge Pump Station, so if the network goes down, WWTP Operations still can monitor the GPS remotely.

8. Finance – Brian Majchrowicz

- a. PILOT and Retirement System Payments**
- b. Town of Niagara Update**
- c. Key Bank and Bank on Buffalo Balance Report**
- d. Wilmington Trust Balance Report**
- e. Treasury Account Balance Report**
- f. Capital Payments**

The Finance Department will be sending out the PILOT payment to the City of Niagara Falls, in the amount of \$700,000, later this week. It also will send out a \$632,000 payment to the State Retirement System prior to the February 1 due date for that payment.

Mr. Majchrowicz received correspondence from Town of Niagara Supervisor Sylvia Virtuoso stating that the Town's outstanding balance will be paid this week.

Chairman Forster inquired about final numbers for the 2023 budget. He expects the budget to be in good shape because sodium hypochlorite usage was less than anticipated.

9. Questions Regarding December 2023 Operations and Maintenance Report

10. Safety – John Accardo

Per the Board's directive, Mr. Accardo has obtained two proposals for staff leadership training and is waiting for a third. He plans to email the proposals received to the Board.

25 employees participated in confined space training held in January, and 5 in December, so a total of 30 have received recent confined space training.

11. General Counsel and Secretary – Sean Costello

12. From the Chairman

13. Resolutions

2024-01-001 - PROCUREMENT OF FIRE HYDRANTS AND HYMAX COUPLINGS

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

Asklar Y Forster Y Kimble Y Larkin Y Leffler Y

Motion carried, 5-0.

2024-01-002 - AWARD BID FOR IN-PLANT MECHANICAL MAINTENANCE

a. Award Recommendation and Bid Tabulation - In-Plant Mechanical

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

Asklar __Y__ Forster __Y__ Kimble __Y__ Larkin __Y__ Leffler __Y__

Motion carried, 5-0.

2024-01-003 - AGREEMENT AND EASEMENT WITH US LEASCO FOR WATER AND SEWER MAIN RELOCATION

- a. Agreement for Water and Sewer Facility Relocation**
- b. Easement Agreement**

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

Asklar __Y__ Forster __Y__ Kimble __Y__ Larkin __Y__ Leffler __Y__

Motion carried, 5-0.

2024-01-004 - PROJECT 1 CHANGE ORDER FOR WWTP SEDIMENTATION BASIN NO. 2 CATWALK CONCRETE REPAIRS

- a. 2024-01-09 - Hohl Proposal for Sedimentation Basin No. 2 Catwalk Concrete Repairs**

Chairman Forster expressed concern about the price of this work, which includes concrete repairs in just one of the sedimentation basins.

Jay Meyers from CPL stated the pricing is based on labor unit prices in the contract for the underlying project, and if the change order is not approved it may delay project completion. Basins 3, 4, and 5 did not need repairs to the concrete in the same area, though the elevated plates do remain in those areas. Mr. Meyers was asked when the work will be completed; not until the weather breaks, so there is time. The Board suggested bringing the proposal back next month for further consideration.

Motion by Chairman Forster and seconded by Board Member Kimble to table Resolution 2024-01-004.

Asklar __Y__ Forster __Y__ Kimble __Y__ Larkin __Y__ Leffler __Y__

Motion to table carried, 5-0.

2024-01-005 - CONSULTANT TO REVIEW PAYROLL PROCEDURES

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

Asklar __Y__ Forster __Y__ Kimble __Y__ Larkin __Y__ Leffler __Y__

Motion carried, 5-0.

**2024-01-006 - SETTLE NATIONAL FUEL PROPERTY DAMAGE CLAIM –
501-71ST STREET**

a. National Fuel v. NFWB Small Claims - 501 - 71st Street

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

Asklar __Y__ Forster __Y__ Kimble __Y__ Larkin __Y__ Leffler __Y__

Motion carried, 5-0.

14. Unfinished/Old Business

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 Kimble and seconded by Board Member Leffler to adjourn the meeting at 6:39 p.m.

Asklar __Y__ Forster __Y__ Kimble __Y__ Larkin __Y__ Leffler __Y__

Motion carried, 5-0.



Niagara Falls Water Board (NFWB) Overall Project Budget Summary (Phase 1 Overall Budget = \$27M)
 Last Updated: 2/19/2024

Project	Scope	Budget	Scope/Vendor	Estimated/ Final	Key	
					% Billed	Recent Work Update
1	Sedimentation Basin Upgrades	\$10,390,000	Design and Bidding (AECOM - Approved)	\$409,000	100%	Basin #3 work complete. Basin #2 is offline for work.
			CA & CI (CPL - Approved)	\$470,000	94%	
			GEN Construction (Hohl - Per Bid - Approved)	\$9,410,228	75%	
			ELEC Construction (CIR - Per Bid - Approved)	\$922,769	81%	
			Project Total	\$11,211,997	77%	
	Remaining Budget	(\$821,997)				
3	Screens and Grit Transportation Equipment Improvements	\$1,920,000	Design and Bidding (Arcadis - Approved)	\$166,785	100%	Nussbaumer & Clarke to investigate and finish the project. Meeting to be held with N&C, contractor and NFWB.
			CA & CI (Arcadis - Approved)	\$217,750	95%	
			GEN Construction (Hohl - Per Bid - Approved)	\$1,549,833	82%	
			ELEC Construction (CIR - Per Bid - Approved)	\$205,122	93%	
			Project Total	\$2,139,490	86%	
	Remaining Budget	(\$219,490)				
5	Electrical System Improvements	\$2,610,000	Design/E.I. Team - Approved	\$102,120	100%	Transformer 4A installed. Transformer 4B to be installed by end of February 2024.
			Phase 2 Design - Approved	\$198,941	100%	
			Task 1 Construction - Ferguson - Approved	\$253,307	71%	
			Task 2 Construction - Ferguson - Approved	\$1,491,000	0%	
			Project Total	\$2,045,368	23%	
	Remaining Budget	\$564,632				
10	SCADA Improvements	\$498,650	Phase 1 Design/ Construction/Kaman - Approved	\$352,450	78%	Kaman continues SCADA integration work with Capital Project contractors.
			Phase 2 Design/ Construction - Approved (For Project #6)	\$146,200		
			Running Total	\$498,650	78%	
	Remaining Budget	\$0				
Phase 1 Budget Total =			Anticipated Total Cost (Percentage of Total Budget)	\$26,104,799	Remaining Ph. Budget	\$895,201

Niagara Falls Water Board (NFWB) Overall Capital Project Budget Summary (Phase 2 Overall Budget = \$13M)

Project	Scope of Work	Budget	Scope/Vendor	Estimated Task	Key	
					Not approved	Preliminary Estimate
2B	Outfall	\$1,700,000	Design, Bidding, and CA/CI (GHD - Approved) GEN Construction (STC - Per Bid - Approved)	\$37,400 \$562,000 \$599,400	% Billed 100% 95% 95%	Recent Work Update (See Project #2 Update)
12	Intermediate Pumps Upgrades	\$3,075,000	Remaining Budget Intermediate Pump Assessment (GHD - Approved)	\$1,100,600 \$21,716 \$21,716	Final Final	RFP is prepared to be send out.
Ph. 2 Budget = \$13,000,000			Running Total Remaining Budget Phase 2 Running Total	\$3,053,284 \$4,499,123		
*Updated to reflect full available Phase 2 Budget, grant not yet approved			Phase 2 Remaining Budget	\$8,500,877		

NFWB Financial Award Summary



Last Updated: 2/19/24

Note: Changes from last summary are in red text

Description	Amount	Source	Status
AWARDED			
Various Watermain Improvements 2018 GRANT Portion	\$5,495,000 total \$3,000,000 grant \$2,495,000 loan 2/11/21 Agreement Date 2/11/26 use funds by	NYS EFC DWSRF 18588	City Engineer and Urban Engineers started design on two streets. CPL is involved with; 18th Street completed, Whitney Ave project canceled, 77th Street under final 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. 77th Street under design. Anticipate overall costs will be higher than \$5.5 million and additional loan will be needed.
Sewer Plant Phase 1 Improvements	\$13,500,000 grant	NYS DASNY ID #15688	Awarded. Reimbursements received that total \$8.9 million. CPL sent reimbursement request of \$663,000.
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 Awaiting Board & Authority signature on reimbursement #3 for so request for \$4.3 million can be made. 10/24/23 conference call with EFC, NFWB staff and CPL. EFC requested updates on projects and document collection items.
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 working with DEC for agreement paperwork.
LaSalle Sewer Area Phase 2 Construction	\$1,018,400 total \$509,200 BIL grant \$509,200 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 assists 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 to provide requested information. EFC awarded 50% BIL grant & NFWB accepted Jan 2024.

NFWB Financial Award Summary



Last Updated: 2/19/24

Note: Changes from last summary are in red text

Description	Amount	Source	Status
Drinking Water Fluoridation Component I (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 and awarded 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. EFC approved extension on 9/27/23 to get agreement processed by 9/30/25. NFWB issued RFP for design consultants, due 2/2/24.
2021 Various Sewer & System Improvements	\$4,500,000 total \$2,250,000 BIL grant \$2,250,000 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. NYS EFC sent letter 1/8/24 noting that BIL grant money is available. This is 50% grant match rather than typical 25% under WIIA program. NFWB responded by 1/19/24. NFWB issued RFP for design consultants, due 2/2/24.
2022 Various Sewer & System Improvements	\$5,400,000 total \$2,700,000 BIL grant \$2,700,000 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. NYS EFC sent letter 1/8/24 noting that BIL grant money is available. This is 50% grant match rather than typical 25% under WIIA program. NFWB responded by 1/19/24. NFWB issued RFP for design consultants, due 2/2/24.

NFWB Financial Award Summary

Last Updated: 2/19/24

Note: Changes from last summary are in red text



Description	Amount	Source	Status
2022 Lead Service Line Removal Bipartisan Infrastructure Law (BIL)	\$472,780 grant	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. NFWB is listed on Intended Use Plan. DOH sent award letter 6/30/23. NFWB needs to submit required items so agreement can be processed. For this, request for engineering proposals to assist in preparing inventory is required. Inventory due to DOH by 10/16/24.
2023 Various Watermain & System Improvements	\$15,240,000 total \$5,000,000 grant possible \$10,240,000 loan	NYS EFC DWSRF 18587	Submission made 8/11/23. Grant award letter sent from EFC 12/12/23. NFWB accepted. EFC sent missing items request letter 2/14/24. NFWB to respond by 3/11/24.
2023 Various Sewer & System Improvements	\$650,000 total \$162,000 grant possible \$487,500 loan	NYS EFC CWSRF C9-6603-17-00	Submission made 8/11/23. Grant award letter sent from EFC 12/12/23. NFWB accepted.
Large Funding Request Sewer Plant Biological Conversion	\$250,000,000 Total To be 3 parts \$20 mill loan (design) \$10,000,000 BIL grant \$10,000,000 loan \$100 mill (construction part 1) \$9,540,800 BIL grant \$130 mill (construction part 1)	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. \$20 million loan request made to EFC IP on 6/16/23. \$100 million EFC WIIA & BIL application made on 8/11/23 for \$25 million WIIA and \$25 million BIL grants. \$10 million grant application submitted to CFA WQIP program on 8/11/23. Anticipate awards late 2023. For \$20 million EFC loan to assist with design, EFC sent NFWB letter 11/8/23 requesting missing items or response by 11/30/23. NFWB to submit response. EFC sent 1/8/24 noting BIL grant funding available for following. NFWB responded by 1/19/24. - \$10,000,000 grant for initial \$20 million design listing - \$9,540,800 grant for first \$100 million construction listing

NFWB Financial Award Summary



Last Updated: 2/19/24

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.
Large Funding Request Lead Removal	\$70,000,000	NYS & Federal	Prior meetings with officials and WNY funding delegation. Recommend revisiting once lead service line inventory is finished. NYS will has program to replace lead services.
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.
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.
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.

**Niagara Falls Water Board
Personnel Actions and Report
March 4, 2024**

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

A. PERSONNEL ACTIONS RECOMMEND TO HIRE				
Line Item Number	Position	Department/Location	Pay Rate or Grade	ADDITIONAL INFORMATION
1	Buildings and Grounds Supervisor	Maintenance - All Buildings and Grounds	Grade 13B	New title to be created for working supervisor. Grade 13B salary range is \$40,225 to \$48,687.
2	Lead Service Line Inspector	Engineering	21A	New title to be created for temporary position to assist with regulatory requirements associated with Lead Service Line inventory. Most work should be reimbursable under grant. Grade 21A salary range is \$48,336 to \$62,801.

B. RECOMMENDED PROMOTION / MOVE / APPOINTMENT				
Line Item Number	Name and Position	Type of labor move	Change in pay rate or grade	ADDITIONAL INFORMATION
1	Environmental Laboratory Technical Director	New Title	Grade 26A	New title to be created, reflecting responsibility for consolidated Environmental Laboratory. Anticipated to be an internal promotion. Grade 26A salary range approx. \$66,000 to 89,000; current Microbiologist / Lab Tech. Dir. Grade is 23A, \$54,677 to \$70,331.

C. PREVIOUSLY TABLED PERSONNEL ACTIONS				
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
CMM	12/1/2023	Inside Maint	Unknown	Workers Comp.
CDT Trainee	11/22/2023	OSW	Unknown	Disability

2023 Year to Date - NFWB Paid Time Off for Union Business

Employee	Hours of NFWB Paid Union Time	Wages	Benefits	Total Including Benefits
USW Employee 1	42.00	\$1,090.16	\$420.00	\$1,510.16
USW Employee 2	24.00	\$633.80	\$240.00	\$873.80
USW Employee 3	6.00	\$71.85	\$60.00	\$131.85
USW Employee 4	3.00	\$75.18	\$30.00	\$105.18
USW Employee 5	2.00	\$47.48	\$20.00	\$67.48
USW Employee 6	3.00	\$87.68	\$81.00	\$168.68
USW Employee 7	3.00	\$93.95	\$81.00	\$174.95
USW Employee 8	41.75	\$1,420.28	\$417.50	\$1,837.78
USW Employee 9	27.00	\$547.79	\$270.00	\$817.79
IBEW Employee	24.00	\$764.88	\$486.00	\$1,250.88
	175.75	\$4,833.05	\$2,105.50	\$6,938.55
Time Period: January 1, 2024 through February 17 , 2023				

BANK ON BUFFALO & KEYBANK

BANK BALANCES-FY 2024

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	91,624.83	-	-	-	-	91,624.83	91,624.82
	X4881	O&M Reserve	5,625,181.00	-	-	-	-	5,625,181.00	5,198,449.50
	X4899	Depository-BOB	8,527,182.54	5,064,358.58	-	(3,299,615.28)	1,764,743.30	10,291,925.84	5,136,292.84
	X9220	Depository-Keybank	1,631,275.99	202,864.23	-	-	202,864.23	1,834,140.22	725,095.67
	X4906	Payroll	128,838.64	-	(736,888.47)	722,709.89	(14,178.58)	114,660.06	154,636.74
	X4914	Benefits	23,697.75	-	(9,242.00)	7,569.00	(1,673.00)	22,024.75	12,594.00
X0643	Operating	621,322.96	-	(2,647,189.51)	2,569,336.39	(77,853.12)	543,469.84	850,849.45	
X4445	Grants	33,554.82	-	-	-	-	33,554.82	33,554.82	9,968.74
		Totals	16,682,678.53	5,267,222.81	(3,393,319.98)	0.00	1,873,902.83	18,556,581.36	12,179,511.76

Wilmington Trust

BANK BALANCES-FY 2024

<u>MONTH</u>	<u>ACCT #</u>	<u>Account Name</u>	<u>STARTING VALUE</u>	<u>DEPOSITS</u>	<u>Payments</u>	<u>Change in Market Value</u>	<u>NET CHANGE IN VALUE</u>	<u>MONTH ENDING VALUE</u>
JANUARY	X3250	Debt Service	6,079,649.06	-	(525,097.05)	23,559.89	(501,537.16)	5,578,111.90
	X3251	Construction	918.19	-	-	3.75	3.75	921.94
	X3252	Debt Service Reserve	7,452,473.55	-	-	28,865.98	28,865.98	7,481,339.53
	X9279	Expense Account	16,079.32	-	-	-	-	16,079.32
	X4118-0	2022A DSF	710,038.35	138,713.63	(548,755.63)	2,270.83	(407,771.17)	302,267.18
	X4118-1	2022A Issuance	9,619.92	-	-	-	-	9,619.92
	X2722	Capital Fund Construction	3,735,866.20	-	(1,002,459.06)	12,472.66	(989,986.40)	2,745,879.80
		Totals	18,004,644.59	138,713.63	(2,076,311.74)	67,173.11	(1,870,425.00)	16,134,219.59

WEALTH ADVISORS- 2643

Treasury Reconciliation FY 2024

<u>MONTH</u>	<u>STARTING VALUE</u>	<u>DEPOSITS/WITHDRAWALS</u>	<u>TRANSFERS</u>	<u>CHANGE IN VALUE</u>	<u>MONTH ENDING VALUE</u>	<u>PY MONTH ENDING VALUE</u>
JAN	15,479,628.77	(52,890.97)	-	71,474.40	15,498,212.20	15,254,934.45
FEB	15,498,212.20	-	-	-	15,498,212.20	15,220,949.48
MAR	15,498,212.20	-	-	-	15,498,212.20	15,304,054.61
APR	15,498,212.20	-	-	-	15,498,212.20	15,271,078.78
MAY	15,498,212.20	-	-	-	15,498,212.20	15,276,545.33
JUN	15,498,212.20	-	-	-	15,498,212.20	15,276,603.36
JUL	15,498,212.20	-	-	-	15,498,212.20	15,287,688.65
AUG	15,498,212.20	-	-	-	15,498,212.20	15,285,805.42
SEP	15,498,212.20	-	-	-	15,498,212.20	15,323,648.49
OCT	15,498,212.20	-	-	-	15,498,212.20	15,367,266.52
NOV	15,498,212.20	-	-	-	15,498,212.20	15,419,482.84
DEC	15,498,212.20	-	-	-	15,498,212.20	15,479,628.77
FY TOTAL		(52,890.97)	-	71,474.40		

BANK PAID DATE	Req #	Invoice Date	PP # of #	VENDOR	Project Name	DESCRIPTION	INVOICE	AMOUNT	CIP FUNDING ACCOUNT
1/11/2024	2024-001	5/5/2023	1	Mark Cerrone, Inc.	Emergency Sewer Repair	1138 Fairfield Ave	22-1137	\$ 90,569.68	S-8
1/11/2024	2024-002	11/30/2023	25	Hohl Industrial	Basin Modifications	Construction	179324-25	\$ 285,325.95	WWTP-1
1/11/2024	2024-003	12/14/2023	10	AECOM	Consent Order Services	OEM-October 2023	2000836142	\$ 5,099.14	C-5
1/11/2024	2024-004	12/15/2023	N/A	Ferguson Electric	Electrical System Improvements	Replace transformers in Power centers 2 & 5 (4 Total)	64709	\$ 596,400.00	WWTP-5
1/11/2024	2024-005	12/31/2023	N/A	Ferguson Electric	Chlorine Gas Detectors	Wiring for Chlorine Gas Detectors	6513	\$ 21,970.54	WTP-6.1
1/11/2024	2024-006	12/19/2023	39	Motion AI	SCADA Upgrade	SCADA Upgrade	CTR0051264	\$ 3,093.75	WWTP-10
								\$ 1,002,459.06	



Revenue Budget Performance Report

Fiscal Year to Date 12/31/23

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	2,520.00	.00	44,202.50	5,797.50	88	52,645.00
2140.001	District 1	2,101,006.00	.00	2,101,006.00	658,698.71	.00	2,058,999.02	42,006.98	98	1,959,420.07
2140.002	District 2	2,546,082.00	.00	2,546,082.00	586,918.27	.00	2,456,875.35	89,206.65	96	2,262,674.37
2140.003	District 3	1,909,562.00	.00	1,909,562.00	811,833.85	.00	1,936,590.31	(27,028.31)	101	1,791,646.42
2140.004	Non-Resident	42,000.00	.00	42,000.00	(173.14)	.00	34,578.87	7,421.13	82	43,454.76
2140.005	Industrial	3,591,522.00	.00	3,591,522.00	944,312.11	.00	2,825,276.82	766,245.18	79	2,418,649.92
2140.006	Industrial SIU	3,189,405.00	.00	3,189,405.00	611,202.96	.00	2,702,668.27	486,736.73	85	2,923,469.99
2140.008	Hydrant Usage	6,000.00	.00	6,000.00	672.00	.00	4,007.17	1,992.83	67	1,059.21
2140.599	Miscellaneous Departmental Incom	5,000.00	.00	5,000.00	280.00	.00	7,319.67	(2,319.67)	146	1,750.00
2141.000	Allowance for Unpaid Trfd	(125,000.00)	.00	(125,000.00)	(415,479.15)	.00	(362,205.09)	237,205.09	290	(320,924.31)
2144.003	Fire Service	91,000.00	.00	91,000.00	(215,064.00)	.00	89,279.00	1,721.00	98	89,279.00
2144.005	Service Charge	455,000.00	.00	455,000.00	24,824.30	.00	450,099.81	4,900.19	99	451,346.60
2144.006	Lab Analysis	35,000.00	.00	35,000.00	765.50	.00	23,698.55	11,301.45	68	31,618.50
2144.008	Missing Meter Charge	25,000.00	.00	25,000.00	3,060.00	.00	22,581.50	2,418.50	90	15,511.00
2144.009	Mtr Install/Reinstall/Reactivate	5,000.00	.00	5,000.00	100.00	.00	4,125.00	875.00	82	4,775.00
2144.010	Final Meter Read/Inspect	18,000.00	.00	18,000.00	1,725.00	.00	16,625.00	1,375.00	92	19,725.71
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	35.00	.00	8,705.00	(1,205.00)	116	10,175.00
2148.001	District 1	78,928.00	.00	78,928.00	.00	.00	107,342.41	(28,414.41)	136	98,440.47
2148.002	District 2	49,005.00	.00	49,005.00	(1,082.35)	.00	63,925.65	(14,920.65)	130	56,377.58
2148.003	District 3	65,561.00	.00	65,561.00	(384.01)	.00	101,576.40	(36,015.40)	155	76,077.23
2148.004	Non-Resident	2,178.00	.00	2,178.00	.00	.00	869.26	1,308.74	40	434.84
2148.005	Industrial	16,549.00	.00	16,549.00	.00	.00	27,710.56	(11,161.56)	167	15,524.93
2148.006	Industrial SIU	7,638.00	.00	7,638.00	.00	.00	528.70	7,109.30	7	.00
2148.599	Penalty - Miscellaneous	4,460.00	.00	4,460.00	.00	.00	2,147.40	2,312.60	48	1,419.21
	<i>Departmental Income Totals</i>	\$14,176,696.00	\$0.00	\$14,176,696.00	\$3,014,765.05	\$0.00	\$12,627,527.13	\$1,549,168.87	89%	\$12,004,550.50
	<i>Intergovernmental Charges</i>									
2230.A	City of Niag Falls-Generl	230,102.00	.00	230,102.00	215,064.00	.00	215,064.00	15,038.00	93	215,064.00
	<i>Intergovernmental Charges Totals</i>	\$230,102.00	\$0.00	\$230,102.00	\$215,064.00	\$0.00	\$215,064.00	\$15,038.00	93%	\$215,064.00
	<i>Use Of Money & Property</i>									
2401.000	Interest Earnings	25,000.00	.00	25,000.00	47,463.27	.00	353,225.27	(328,225.27)	1413	(30,271.26)
	<i>Use Of Money & Property Totals</i>	\$25,000.00	\$0.00	\$25,000.00	\$47,463.27	\$0.00	\$353,225.27	(\$328,225.27)	1413%	(\$30,271.26)
	<i>Licenses And Permits</i>									
2550.006	Cellular Towers	230,000.00	.00	230,000.00	15,897.88	.00	205,719.01	24,280.99	89	227,424.65
2590.004	Hydrant Permits & Rentals	12,000.00	.00	12,000.00	1,249.71	.00	8,610.41	3,389.59	72	5,142.53
	<i>Licenses And Permits Totals</i>	\$242,000.00	\$0.00	\$242,000.00	\$17,147.59	\$0.00	\$214,329.42	\$27,670.58	89%	\$232,567.18
	<i>Sale Of Prop/Cmp For Loss</i>									
2650.000	Sale Of Scrap	10,000.00	.00	10,000.00	222.83	.00	3,457.88	6,542.12	35	14,050.38



Revenue Budget Performance Report

Fiscal Year to Date 12/31/23

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	80,818.99	.00	80,818.99	(78,095.99)	2968	.00
<i>Sale Of Prop/Cmp For Loss Totals</i>		\$12,723.00	\$0.00	\$12,723.00	\$81,041.82	\$0.00	\$84,276.87	(\$71,553.87)	662%	\$14,050.38
<i>Misc Local Sources</i>										
2701.000	Refund Appro Exp Prior Yr	.00	.00	.00	.00	.00	(13,162.74)	13,162.74	+++	1,124.55
2770.001	NSF Check Charge	8,000.00	.00	8,000.00	210.00	.00	11,515.00	(3,515.00)	144	7,000.00
2770.599	Undesignated	5,000.00	.00	5,000.00	1,732.88	.00	7,804.73	(2,804.73)	156	8,983.93
<i>Misc Local Sources Totals</i>		\$13,000.00	\$0.00	\$13,000.00	\$1,942.88	\$0.00	\$6,156.99	\$6,843.01	47%	\$17,108.48
<i>Interfund Revenues</i>										
2801.GA	Interfd Rev WtrBd-Sewr	.00	.00	.00	35,635.10	.00	187,827.46	(187,827.46)	+++	570,856.26
<i>Interfund Revenues Totals</i>		\$0.00	\$0.00	\$0.00	\$35,635.10	\$0.00	\$187,827.46	(\$187,827.46)	+++	\$570,856.26
REVENUE TOTALS		\$14,699,521.00	\$0.00	\$14,699,521.00	\$3,413,059.71	\$0.00	\$13,688,407.14	\$1,011,113.86	93%	\$13,023,925.54
Fund FA - Water Board - Water Totals		\$14,699,521.00	\$0.00	\$14,699,521.00	\$3,413,059.71	\$0.00	\$13,688,407.14	\$1,011,113.86		\$13,023,925.54



Revenue Budget Performance Report

Fiscal Year to Date 12/31/23

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									
	<i>Misc Local Sources</i>									
2710.000	Bond Premium	.00	.00	.00	34,950.90	.00	34,950.90	(34,950.90)	+++	190,749.58
	<i>Misc Local Sources Totals</i>	\$0.00	\$0.00	\$0.00	\$34,950.90	\$0.00	\$34,950.90	(\$34,950.90)	+++	\$190,749.58
	REVENUE TOTALS	\$0.00	\$0.00	\$0.00	\$34,950.90	\$0.00	\$34,950.90	(\$34,950.90)	+++	\$190,749.58
Fund	FGA - Water Authority Totals	\$0.00	\$0.00	\$0.00	\$34,950.90	\$0.00	\$34,950.90	(\$34,950.90)		\$190,749.58



Revenue Budget Performance Report

Fiscal Year to Date 12/31/23

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	874,351.18	.00	2,736,399.77	(3,932.77)	100	2,608,192.15
2120.002	District 2	3,329,002.00	.00	3,329,002.00	780,221.96	.00	3,270,948.99	58,053.01	98	3,006,245.08
2120.003	District 3	2,504,700.00	.00	2,504,700.00	1,082,049.76	.00	2,580,027.79	(75,327.79)	103	2,392,318.50
2120.005	Industrial CSIRU	5,079,433.00	.00	5,079,433.00	1,306,702.56	.00	3,839,690.53	1,239,742.47	76	3,682,247.18
2120.006	Industrial SIU	10,438,936.00	.00	10,438,936.00	3,138,096.29	.00	12,204,666.26	(1,765,730.26)	117	11,709,705.27
2120.008	Hydrant Usage	10,000.00	.00	10,000.00	889.50	.00	5,366.93	4,633.07	54	1,401.51
2120.102	Town Of Niagara	1,098,067.00	.00	1,098,067.00	.00	.00	977,561.07	120,505.93	89	613,051.81
2122.001	Visual Inspections	.00	.00	.00	.00	.00	1,202.50	(1,202.50)	+++	(120.00)
2122.002	Dye Tests	50,000.00	.00	50,000.00	2,520.00	.00	42,800.00	7,200.00	86	52,765.00
2128.001	District 1	98,024.00	.00	98,024.00	.00	.00	143,333.20	(45,309.20)	146	129,809.45
2128.002	District 2	70,017.00	.00	70,017.00	(1,011.95)	.00	84,208.50	(14,191.50)	120	69,340.59
2128.003	District 3	86,948.00	.00	86,948.00	(494.32)	.00	135,730.96	(48,782.96)	156	101,755.86
2128.005	Industrial	19,095.00	.00	19,095.00	.00	.00	41,880.70	(22,785.70)	219	24,719.87
2128.006	Industrial SIU	20,368.00	.00	20,368.00	.00	.00	13,407.73	6,960.27	66	14,787.40
2141.000	Allowance for Unpaid Trfd	(125,000.00)	.00	(125,000.00)	(572,144.74)	.00	(505,043.90)	380,043.90	404	(398,839.32)
	<i>Departmental Income Totals</i>	\$25,412,057.00	\$0.00	\$25,412,057.00	\$6,611,180.24	\$0.00	\$25,572,181.03	(\$160,124.03)	101%	\$24,007,380.35
	<i>Use Of Money & Property</i>									
2401.000	Interest Earnings	25,000.00	.00	25,000.00	47,463.27	.00	353,225.29	(328,225.29)	1413	(51,471.47)
	<i>Use Of Money & Property Totals</i>	\$25,000.00	\$0.00	\$25,000.00	\$47,463.27	\$0.00	\$353,225.29	(\$328,225.29)	1413%	(\$51,471.47)
	<i>Licenses And Permits</i>									
2590.006	SIU 5-Yr Permits	5,000.00	.00	5,000.00	.00	.00	500.00	4,500.00	10	1,500.00
	<i>Licenses And Permits Totals</i>	\$5,000.00	\$0.00	\$5,000.00	\$0.00	\$0.00	\$500.00	\$4,500.00	10%	\$1,500.00
	<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	.00	.00	807.36	4,192.64	16	17,281.02
	<i>Sale Of Prop/Cmp For Loss Totals</i>	\$5,000.00	\$0.00	\$5,000.00	\$0.00	\$0.00	\$807.36	\$4,192.64	16%	\$17,281.02
	<i>Misc Local Sources</i>									
2701.000	Refund Appro Exp Prior Yr	.00	.00	.00	.00	.00	(21,788.61)	21,788.61	+++	(2,517.27)
2770.599	Undesignated	25,000.00	.00	25,000.00	.00	.00	21,657.34	3,342.66	87	17,398.28
	<i>Misc Local Sources Totals</i>	\$25,000.00	\$0.00	\$25,000.00	\$0.00	\$0.00	(\$131.27)	\$25,131.27	-1%	\$14,881.01
	<i>Interfund Revenues</i>									
2801.F	Interfd Rev Fr Water	.00	.00	.00	95,076.63	.00	475,301.00	(475,301.00)	+++	569,040.12
	<i>Interfund Revenues Totals</i>	\$0.00	\$0.00	\$0.00	\$95,076.63	\$0.00	\$475,301.00	(\$475,301.00)	+++	\$569,040.12
	REVENUE TOTALS	\$25,472,557.00	\$0.00	\$25,472,557.00	\$6,753,720.14	\$0.00	\$26,401,883.41	(\$929,326.41)	104%	\$24,558,611.03
	Fund GA - Water Board - Sewer Totals	\$25,472,557.00	\$0.00	\$25,472,557.00	\$6,753,720.14	\$0.00	\$26,401,883.41	(\$929,326.41)		\$24,558,611.03



Revenue Budget Performance Report

Fiscal Year to Date 12/31/23

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	72,274.70	.00	953,187.07	(253,187.07)	136	439,620.96
	<i>Use Of Money & Property Totals</i>	\$700,000.00	\$0.00	\$700,000.00	\$72,274.70	\$0.00	\$953,187.07	(\$253,187.07)	136%	\$439,620.96
	<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	(17,194.10)	.00	734,745.77	(734,745.77)	+++	4,600,664.27
	<i>Proceeds Of Obligations Totals</i>	\$0.00	\$0.00	\$0.00	(\$17,194.10)	\$0.00	\$734,745.77	(\$734,745.77)	+++	\$4,600,664.27
	REVENUE TOTALS	\$700,000.00	\$0.00	\$700,000.00	\$55,080.60	\$0.00	\$1,687,932.84	(\$987,932.84)	241%	\$5,056,535.83
	Fund VFG - Plant Fund Totals	\$700,000.00	\$0.00	\$700,000.00	\$55,080.60	\$0.00	\$1,687,932.84	(\$987,932.84)		\$5,056,535.83
	Grand Totals	\$40,872,078.00	\$0.00	\$40,872,078.00	\$10,256,811.35	\$0.00	\$41,813,174.29	(\$941,096.29)		\$42,829,821.98



Expense Budget Performance Report

Fiscal Year to Date 12/31/23

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 Services</i>									
0100.000	Employee Adjustment	.00	.00	.00	70.00	.00	2,126.38	(2,126.38)	+++	.00
0111.000	Biwkly Comp Differential	.00	.00	.00	.00	.00	.00	.00	+++	911.12
0121.000	Weekly Comp Differential	.00	.00	.00	17.24	.00	169.09	(169.09)	+++	147.85
0125.000	Insurance OPT Out	102,356.00	.00	102,356.00	5,308.62	.00	90,858.19	11,497.81	89	92,649.17
0130.000	Temporary Payroll	438,990.00	(125,000.00)	313,990.00	29,003.75	.00	418,815.43	(104,825.43)	133	412,852.28
0140.000	Overtime	206,500.00	.00	206,500.00	18,005.37	.00	191,216.24	15,283.76	93	301,638.84
0150.000	Acting Next-In-Rank Pay	12,480.00	.00	12,480.00	14,903.48	.00	45,847.57	(33,367.57)	367	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	4,619.62	.00	48,945.98	(48,945.98)	+++	34,393.09
0152.000	Shift Premium Pay	.00	.00	.00	.00	.00	8,500.00	(8,500.00)	+++	8,553.09
0155.A	Holiday Contractual Pay	33,500.00	.00	33,500.00	3,630.59	.00	30,112.89	3,387.11	90	28,649.93
0155.000	Holiday Pay	.00	.00	.00	6,984.43	.00	71,401.60	(71,401.60)	+++	74,831.57
0165.000	Military Leave	.00	.00	.00	.00	.00	14,089.03	(14,089.03)	+++	14,801.97
0170.000	Overtime Meals	8,100.00	.00	8,100.00	480.00	.00	5,153.25	2,946.75	64	7,597.50
0180.000	Comp. Time Earned	.00	.00	.00	1,864.45	.00	14,404.51	(14,404.51)	+++	12,964.26
0181.000	Vacation Pay	.00	.00	.00	2,416.69	.00	14,916.19	(14,916.19)	+++	71,195.50
0182.000	Personal Time	.00	.00	.00	.00	.00	2,531.53	(2,531.53)	+++	3,118.83
0183.000	Compensatory Time Off	.00	.00	.00	12,019.33	.00	141,031.88	(141,031.88)	+++	76,552.21
0184.000	Funeral Leave	.00	.00	.00	1,736.13	.00	4,943.53	(4,943.53)	+++	4,708.89
0185.000	Jury Duty	.00	.00	.00	.00	.00	1,480.85	(1,480.85)	+++	2,606.96
0186.000	Call-In Time	19,000.00	.00	19,000.00	1,958.22	.00	20,866.28	(1,866.28)	110	26,143.38
0189.000	Sick Leave	.00	.00	.00	6,438.94	.00	64,198.15	(64,198.15)	+++	69,257.86
0197.000	Compensated Absences	.00	.00	.00	45,404.84	.00	45,404.84	(45,404.84)	+++	(74,862.45)
	<i>Personnel Services Totals</i>	\$871,926.00	(\$125,000.00)	\$746,926.00	\$154,861.70	\$0.00	\$1,237,013.41	(\$490,087.41)	166%	\$1,184,738.06
	<i>Personnel - Position Control</i>									
0110.000	Biweekly Payroll	3,182,606.00	(35,000.00)	3,147,606.00	206,617.53	.00	2,248,998.24	898,607.76	71	2,408,121.52
0153.000	Stipend	.00	.00	.00	.00	.00	.00	.00	+++	57.69
	<i>Personnel - Position Control Totals</i>	\$3,182,606.00	(\$35,000.00)	\$3,147,606.00	\$206,617.53	\$0.00	\$2,248,998.24	\$898,607.76	71%	\$2,408,179.21
	<i>Capital Outlays</i>									
0210.000	Furniture & Furnishings	2,500.00	15,000.00	17,500.00	.00	.00	11,567.96	5,932.04	66	.00
0220.000	Office Equipment	500.00	.00	500.00	.00	.00	.00	500.00	0	.00
0250.500	Safety Equipment	10,000.00	2,000.00	12,000.00	.00	885.81	10,128.20	985.99	92	4,045.78
	<i>Capital Outlays Totals</i>	\$13,000.00	\$17,000.00	\$30,000.00	\$0.00	\$885.81	\$21,696.16	\$7,418.03	75%	\$4,045.78
	<i>Capital Construction</i>									
0300.000	Capital Construction	.00	.00	.00	(89,255.56)	.00	.00	.00	+++	.00
	<i>Capital Construction Totals</i>	\$0.00	\$0.00	\$0.00	(\$89,255.56)	\$0.00	\$0.00	\$0.00	+++	\$0.00
	<i>Contractual Expenses</i>									
0411.000	Office Supplies	3,050.00	(300.00)	2,750.00	485.39	.00	2,675.28	74.72	97	3,498.05



Expense Budget Performance Report

Fiscal Year to Date 12/31/23

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>									
0412.000	Uniforms	2,940.00	.00	2,940.00	.00	.00	3,125.38	(185.38)	106	2,121.00
0413.000	Safety Shoes	11,000.00	.00	11,000.00	2,988.63	.00	7,936.33	3,063.67	72	9,252.61
0414.000	Automotive-Gas,Oil,Grease	45,000.00	.00	45,000.00	13,241.22	.00	58,092.61	(13,092.61)	129	59,433.15
0416.000	Consumable Printed Forms	1,000.00	.00	1,000.00	52.53	.00	200.78	799.22	20	565.04
0417.000	Tool Allowance	300.00	.00	300.00	.00	.00	300.00	.00	100	300.00
0419.001	Automotive Parts	30,000.00	.00	30,000.00	8,770.63	.00	23,529.72	6,470.28	78	24,138.06
0419.003	Cleaning/Sanitary	10,000.00	.00	10,000.00	.00	.00	3,948.11	6,051.89	39	7,095.37
0419.004	Agricultural/Botanical	50,000.00	.00	50,000.00	38,680.04	.00	38,680.04	11,319.96	77	38,738.00
0419.005	Tools & Machine Parts	212,000.00	(180.00)	211,820.00	33,557.10	.00	181,078.48	30,741.52	85	151,129.16
0419.006	Construction/Repair	175,000.00	.00	175,000.00	105,315.93	.00	248,851.72	(73,851.72)	142	271,456.19
0419.008	Signals/Communication	5,000.00	.00	5,000.00	.00	.00	1,936.60	3,063.40	39	1,494.55
0419.009	Misc Chemicals	25,000.00	(2,000.00)	23,000.00	.00	.00	17,619.03	5,380.97	77	17,866.67
0419.010	Laboratory	27,000.00	3,300.00	30,300.00	7,966.00	.00	31,696.11	(1,396.11)	105	24,248.16
0419.012	Carbon	20,000.00	500,000.00	520,000.00	283,584.04	405,760.00	283,584.04	(169,344.04)	133	14,835.00
0419.014	Ferric Chloride	700,000.00	.00	700,000.00	79,070.32	.00	676,150.64	23,849.36	97	482,787.38
0419.016	Primary Polymer	120,000.00	.00	120,000.00	.00	.00	56,760.00	63,240.00	47	95,040.00
0419.017	Sludge Polymer	100,000.00	.00	100,000.00	.00	.00	56,760.00	43,240.00	57	58,800.08
0419.018	Pebble Lime	150,000.00	.00	150,000.00	22,070.75	.00	137,791.38	12,208.62	92	131,024.70
0419.024	Hypochlorite Solution	9,000,000.00	(659,190.00)	8,340,810.00	622,974.79	.00	4,911,079.42	3,429,730.58	59	4,416,549.80
0419.599	Undesignated Supplies	57,300.00	15,500.00	72,800.00	6,630.20	.00	49,913.02	22,886.98	69	82,697.50
0421.001	Phone Extension Chgs	46,500.00	.00	46,500.00	5,739.84	.00	42,816.71	3,683.29	92	44,112.88
0421.002	Wireless Services	11,000.00	.00	11,000.00	2,788.18	.00	10,317.23	682.77	94	10,626.99
0422.000	Light & Power	670,000.00	.00	670,000.00	125,722.34	.00	713,801.29	(43,801.29)	107	727,165.05
0423.000	Water/Sewer	574,000.00	.00	574,000.00	95,076.63	.00	475,532.83	98,467.17	83	569,040.12
0424.000	Gas	25,000.00	.00	25,000.00	2,275.69	.00	19,747.71	5,252.29	79	18,450.87
0432.000	Property Insurance	260,000.00	.00	260,000.00	267,849.82	.00	267,849.82	(7,849.82)	103	248,912.82
0433.000	Liability Insurance	85,000.00	.00	85,000.00	(117,182.82)	.00	88,216.21	(3,216.21)	104	78,740.45
0440.003	Motor Vehicle Equipment	60,000.00	.00	60,000.00	3,005.32	.00	42,477.91	17,522.09	71	57,137.85
0440.599	Undesignated Leases	1,500.00	.00	1,500.00	72.10	.00	773.16	726.84	52	811.94
0441.000	Rental Of Real Property	75.00	.00	75.00	.00	.00	.00	75.00	0	41.00
0442.000	Rental Of Equipment	16,500.00	.00	16,500.00	58.69	.00	10,993.62	5,506.38	67	27,205.51
0442.003	Motor Vehicle Equip Rentl	6,000.00	.00	6,000.00	.00	.00	1,834.00	4,166.00	31	5,586.78
0442.599	Undesignated Rentals	4,000.00	.00	4,000.00	146.42	.00	2,204.56	1,795.44	55	2,199.44
0443.000	Repair Of Real Property	40,500.00	.00	40,500.00	3,525.15	.00	29,440.22	11,059.78	73	29,811.74
0444.000	Repair Of Equipment	142,000.00	.00	142,000.00	14,584.11	.00	138,278.41	3,721.59	97	146,545.91
0446.000	Computer Services	4,500.00	.00	4,500.00	360.29	.00	3,908.93	591.07	87	4,260.33
0446.007	Software	50,000.00	.00	50,000.00	48,035.40	.00	48,891.40	1,108.60	98	.00
0446.008	Software Maint/Licenses	.00	.00	.00	.00	.00	.00	.00	+++	52,819.65



Expense Budget Performance Report

Fiscal Year to Date 12/31/23

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>									
0449.000	Billing & Collection	47,000.00	.00	47,000.00	4,393.01	.00	48,323.11	(1,323.11)	103	45,305.98
0449.002	Sludge Disposal	2,000,000.00	.00	2,000,000.00	122,562.04	.00	1,565,714.80	434,285.20	78	1,610,064.84
0449.004	Special Security	.00	.00	.00	.00	.00	190.00	(190.00)	+++	325.00
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	80.00	.00	504.00	4,496.00	10	5,567.54
0449.599	Undesignated Services	225,441.00	42,780.00	268,221.00	49,092.07	1,238.35	244,568.00	22,414.65	92	198,957.42
0451.000	Consultants	80,000.00	35,000.00	115,000.00	49,250.92	.00	171,733.36	(56,733.36)	149	145,357.81
0454.000	Attorney Services	40,000.00	.00	40,000.00	12,725.63	.00	25,681.00	14,319.00	64	19,473.55
0461.000	Postage	30,000.00	.00	30,000.00	1,352.29	.00	28,718.86	1,281.14	96	29,594.39
0463.000	Travel & Training Expense	13,500.00	9,090.00	22,590.00	5,019.49	.00	9,031.70	13,558.30	40	22,871.34
0463.500	Safety Training	1,000.00	.00	1,000.00	.00	.00	275.00	725.00	28	.00
0465.000	Laundry & Cleaning	7,500.00	.00	7,500.00	397.21	.00	7,503.47	(3.47)	100	8,305.21
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	84.17	.00	658.21	(158.21)	132	460.59
0471.000	Recruitment Expenditures	800.00	.00	800.00	143.00	.00	793.63	6.37	99	689.11
	<i>Contractual Expenses Totals</i>	\$15,192,906.00	(\$56,000.00)	\$15,136,906.00	\$1,922,544.56	\$406,998.35	\$10,794,497.84	\$3,935,409.81	74%	\$10,005,402.58
	<i>Employee Benefits</i>									
0801.000	NYS E.R.S. Retirement	427,310.00	.00	427,310.00	316,377.00	.00	405,451.67	21,858.33	95	2,655,311.00
0803.000	Building Trades Benefits	.00	200,000.00	200,000.00	31,553.72	.00	227,041.74	(27,041.74)	114	201,027.23
0820.000	Worker's Compensation	240,000.00	.00	240,000.00	207,166.98	.00	214,753.00	25,247.00	89	201,516.52
0830.000	Life Insurance	13,237.00	.00	13,237.00	1,116.84	.00	14,031.80	(794.80)	106	13,626.95
0840.000	Unemployment Ins. NYS	5,000.00	.00	5,000.00	.00	.00	2,998.51	2,001.49	60	.00
0860.000	Medical Insurance	2,347,747.00	.00	2,347,747.00	146,779.18	.00	2,222,556.12	125,190.88	95	2,207,694.45
0861.000	Dental Insurance	80,300.00	.00	80,300.00	75,222.59	.00	75,222.59	5,077.41	94	77,652.43
0863.000	Vision Care Insurance	6,204.00	.00	6,204.00	445.08	.00	5,393.78	810.22	87	5,583.79
0865.000	Chiropractic Insurance	930.00	.00	930.00	175.00	.00	915.00	15.00	98	360.00
0890.000	Post-Employment Benefits(OPEB)	.00	.00	.00	3,550,053.56	.00	3,550,053.56	(3,550,053.56)	+++	(4,084,361.00)
	<i>Employee Benefits Totals</i>	\$3,120,728.00	\$200,000.00	\$3,320,728.00	\$4,328,889.95	\$0.00	\$6,718,417.77	(\$3,397,689.77)	202%	\$1,278,411.37
	<i>Employee Benefit - FICA</i>									
0810.000	Social Security	261,077.00	.00	261,077.00	23,729.26	.00	256,325.28	4,751.72	98	274,623.45
	<i>Employee Benefit - FICA Totals</i>	\$261,077.00	\$0.00	\$261,077.00	\$23,729.26	\$0.00	\$256,325.28	\$4,751.72	98%	\$274,623.45
	EXPENSE TOTALS	\$22,642,243.00	\$1,000.00	\$22,643,243.00	\$6,547,387.44	\$407,884.16	\$21,276,948.70	\$958,410.14	96%	\$15,155,400.45
	Fund GA - Water Board - Sewer Totals	\$22,642,243.00	\$1,000.00	\$22,643,243.00	\$6,547,387.44	\$407,884.16	\$21,276,948.70	\$958,410.14		\$15,155,400.45
	Grand Totals	\$22,642,243.00	\$1,000.00	\$22,643,243.00	\$6,547,387.44	\$407,884.16	\$21,276,948.70	\$958,410.14		\$15,155,400.45



Expense Budget Performance Report

Fiscal Year to Date 12/31/23

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>Personnel Services</i>									
0100.000	Employee Adjustment	.00	.00	.00	161.96	.00	1,569.10	(1,569.10)	+++	.00
0111.000	Biwkly Comp Differential	.00	.00	.00	.00	.00	.00	.00	+++	1,782.63
0121.000	Weekly Comp Differential	.00	.00	.00	25.56	.00	211.19	(211.19)	+++	170.63
0125.000	Insurance OPT Out	61,479.00	.00	61,479.00	5,855.74	.00	97,520.20	(36,041.20)	159	72,096.45
0130.000	Temporary Payroll	106,000.00	(597.00)	105,403.00	17,501.65	.00	163,370.37	(57,967.37)	155	106,167.79
0140.000	Overtime	94,150.00	.00	94,150.00	9,813.79	.00	110,678.39	(16,528.39)	118	91,196.55
0150.000	Acting Next-In-Rank Pay	.00	.00	.00	1,036.62	.00	2,773.27	(2,773.27)	+++	4,834.11
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	2,440.89	.00	17,904.46	(17,904.46)	+++	11,207.54
0152.000	Shift Premium Pay	.00	.00	.00	.00	.00	2,500.00	(2,500.00)	+++	3,360.11
0155.A	Holiday Contractual Pay	8,500.00	.00	8,500.00	1,067.18	.00	8,149.94	350.06	96	7,130.24
0155.000	Holiday Pay	.00	.00	.00	10,738.94	.00	93,469.97	(93,469.97)	+++	84,729.05
0170.000	Overtime Meals	2,715.00	.00	2,715.00	252.00	.00	2,468.25	246.75	91	2,231.00
0180.000	Comp. Time Earned	.00	.00	.00	1,847.61	.00	13,578.65	(13,578.65)	+++	7,093.21
0181.000	Vacation Pay	.00	.00	.00	2,805.76	.00	31,010.28	(31,010.28)	+++	128,909.53
0182.000	Personal Time	.00	.00	.00	2,163.04	.00	4,564.03	(4,564.03)	+++	8,154.74
0183.000	Compensatory Time Off	.00	.00	.00	16,635.55	.00	159,345.04	(159,345.04)	+++	80,650.39
0184.000	Funeral Leave	.00	.00	.00	472.98	.00	6,210.48	(6,210.48)	+++	5,242.69
0185.000	Jury Duty	.00	.00	.00	.00	.00	.00	.00	+++	377.46
0186.000	Call-In Time	9,350.00	.00	9,350.00	949.86	.00	9,673.16	(323.16)	103	8,419.63
0189.000	Sick Leave	.00	.00	.00	9,855.40	.00	82,577.34	(82,577.34)	+++	93,903.74
0190.000	Vacation Cash Conversion	12,337.00	.00	12,337.00	.00	.00	2,505.42	9,831.58	20	9,288.84
0197.000	Compensated Absences	.00	.00	.00	21,775.65	.00	21,775.65	(21,775.65)	+++	(13,950.54)
	<i>Personnel Services Totals</i>	\$310,531.00	(\$597.00)	\$309,934.00	\$105,400.18	\$0.00	\$831,855.19	(\$521,921.19)	268%	\$718,439.69
	<i>Personnel - Position Control</i>									
0110.000	Biweekly Payroll	2,502,809.00	(35,000.00)	2,467,809.00	214,431.36	.00	2,487,173.96	(19,364.96)	101	2,232,732.31
0153.000	Stipend	4,925.00	.00	4,925.00	.00	.00	4,268.13	656.87	87	7,306.15
	<i>Personnel - Position Control Totals</i>	\$2,507,734.00	(\$35,000.00)	\$2,472,734.00	\$214,431.36	\$0.00	\$2,491,442.09	(\$18,708.09)	101%	\$2,240,038.46
	<i>Capital Outlays</i>									
0210.000	Furniture & Furnishings	4,500.00	.00	4,500.00	510.41	.00	3,141.54	1,358.46	70	.00
0230.000	Motor Vehicle Equipment	5,000.00	.00	5,000.00	.00	.00	.00	5,000.00	0	375.75
0250.000	Other Equipment	30,000.00	(10,000.00)	20,000.00	4,897.91	.00	20,977.70	(977.70)	105	18,600.17
0250.007	Computer Equipment	25,000.00	35,000.00	60,000.00	2,687.85	.00	41,636.07	18,363.93	69	27,176.55
0250.500	Safety Equipment	2,000.00	5,000.00	7,000.00	.00	.00	6,577.97	422.03	94	.00
	<i>Capital Outlays Totals</i>	\$66,500.00	\$30,000.00	\$96,500.00	\$8,096.17	\$0.00	\$72,333.28	\$24,166.72	75%	\$46,152.47
	<i>Contractual Expenses</i>									
0411.000	Office Supplies	10,200.00	2,500.00	12,700.00	675.54	.00	10,956.35	1,743.65	86	8,470.53
0412.000	Uniforms	1,800.00	.00	1,800.00	.00	.00	1,118.00	682.00	62	1,067.00



Expense Budget Performance Report

Fiscal Year to Date 12/31/23

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</i>									
0413.000	Safety Shoes	7,800.00	.00	7,800.00	2,040.42	.00	7,311.51	488.49	94	6,428.67
0414.000	Automotive-Gas,Oil,Grease	60,000.00	.00	60,000.00	11,654.91	.00	47,103.10	12,896.90	79	75,345.13
0415.000	Fuel Oil	30,000.00	(25,000.00)	5,000.00	.00	.00	.00	5,000.00	0	.00
0416.000	Consumable Printed Forms	1,000.00	.00	1,000.00	52.53	.00	1,073.13	(73.13)	107	565.04
0417.000	Tool Allowance	150.00	.00	150.00	.00	.00	175.92	(25.92)	117	150.00
0419.001	Automotive Parts	25,000.00	.00	25,000.00	8,487.27	.00	32,120.37	(7,120.37)	128	20,926.15
0419.003	Cleaning/Sanitary	5,000.00	.00	5,000.00	.00	3,041.28	1,743.42	215.30	96	3,369.18
0419.005	Tools & Machine Parts	92,000.00	30,000.00	122,000.00	6,913.60	847.90	108,112.87	13,039.23	89	85,612.54
0419.006	Construction/Repair	200,000.00	.00	200,000.00	15,298.78	652.00	182,821.84	16,526.16	92	172,079.45
0419.009	Misc Chemicals	633,000.00	25,000.00	658,000.00	122,427.91	.00	647,750.06	10,249.94	98	473,039.72
0419.010	Laboratory	33,000.00	5,000.00	38,000.00	388.54	.00	36,825.45	1,174.55	97	27,623.77
0419.599	Undesignated Supplies	6,250.00	.00	6,250.00	.00	.00	4,310.17	1,939.83	69	5,190.31
0421.001	Phone Extension Chgs	25,000.00	.00	25,000.00	3,978.70	.00	19,170.73	5,829.27	77	22,255.87
0421.002	Wireless Services	15,000.00	.00	15,000.00	3,582.58	.00	16,775.73	(1,775.73)	112	15,012.39
0422.000	Light & Power	600,000.00	.00	600,000.00	99,491.17	.00	606,117.14	(6,117.14)	101	595,201.82
0423.000	Water/Sewer	698,000.00	.00	698,000.00	35,635.10	.00	187,827.46	510,172.54	27	570,856.26
0424.000	Gas	25,000.00	.00	25,000.00	6,110.08	.00	38,676.85	(13,676.85)	155	25,795.71
0432.000	Property Insurance	180,000.00	.00	180,000.00	176,898.55	.00	176,898.55	3,101.45	98	179,872.14
0433.000	Liability Insurance	60,000.00	.00	60,000.00	(78,121.88)	.00	61,870.93	(1,870.93)	103	52,493.63
0440.003	Motor Vehicle Equipment	84,000.00	.00	84,000.00	4,862.34	.00	44,335.00	39,665.00	53	57,137.89
0440.599	Undesignated Leases	1,500.00	.00	1,500.00	90.39	.00	1,132.59	367.41	76	1,286.98
0441.000	Rental Of Real Property	.00	.00	.00	.00	.00	.00	.00	+++	24.00
0442.000	Rental Of Equipment	4,500.00	.00	4,500.00	20.00	.00	875.01	3,624.99	19	3,323.55
0442.003	Motor Vehicle Equip Rentl	5,000.00	.00	5,000.00	.00	.00	2,292.50	2,707.50	46	5,586.78
0442.599	Undesignated Rentals	4,000.00	.00	4,000.00	319.64	.00	2,312.78	1,687.22	58	3,430.01
0444.000	Repair Of Equipment	33,200.00	.00	33,200.00	1,247.85	.00	14,807.33	18,392.67	45	19,461.73
0446.000	Computer Services	4,500.00	.00	4,500.00	394.80	.00	3,591.46	908.54	80	4,260.31
0446.008	Software Maint/Licenses	335,000.00	(35,000.00)	300,000.00	126,957.06	.00	340,496.36	(40,496.36)	113	367,694.55
0449.000	Billing & Collection	47,000.00	.00	47,000.00	4,393.02	.00	48,323.22	(1,323.22)	103	45,255.36
0449.001	Sludge Removal	120,000.00	.00	120,000.00	116,049.09	.00	285,769.40	(165,769.40)	238	38,901.43
0449.003	Waste Disposal	.00	.00	.00	.00	.00	3,138.34	(3,138.34)	+++	.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	9,550.00	(4,550.00)	191	7,992.33
0449.599	Undesignated Services	837,500.00	(36,230.00)	801,270.00	9,347.49	.00	794,503.92	6,766.08	99	809,383.91
0451.000	Consultants	63,000.00	35,000.00	98,000.00	44,204.03	.00	154,927.21	(56,927.21)	158	123,135.90
0454.000	Attorney Services	35,000.00	.00	35,000.00	12,725.62	.00	25,056.00	9,944.00	72	16,774.86
0461.000	Postage	30,000.00	.00	30,000.00	1,468.82	.00	29,030.24	969.76	97	29,624.61
0463.000	Travel & Training Expense	19,500.00	4,327.00	23,827.00	922.50	.00	14,128.15	9,698.85	59	20,362.29



Expense Budget Performance Report

Fiscal Year to Date 12/31/23

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</i>										
0463.500	Safety Training	.00	.00	.00	.00	.00	275.00	(275.00)	+++	.00
0465.000	Laundry & Cleaning	1,500.00	.00	1,500.00	.00	700.00	.00	800.00	47	1,157.83
0466.000	Books,Mags. & Memberships	500.00	.00	500.00	34.50	.00	374.50	125.50	75	558.00
0467.000	Advertising	500.00	.00	500.00	84.17	.00	658.22	(158.22)	132	460.61
0471.000	Recruitment Expenditures	800.00	.00	800.00	.00	.00	2,849.62	(2,049.62)	356	1,864.12
<i>Contractual Expenses Totals</i>		\$4,340,200.00	\$5,597.00	\$4,345,797.00	\$738,635.12	\$5,241.18	\$3,967,595.06	\$372,960.76	91%	\$3,899,032.36
<i>Employee Benefits</i>										
0801.000	NYS E.R.S. Retirement	213,655.00	.00	213,655.00	158,189.00	.00	202,726.33	10,928.67	95	1,052,192.00
0820.000	Worker's Compensation	225,000.00	.00	225,000.00	206,808.98	.00	212,309.22	12,690.78	94	186,371.30
0830.000	Life Insurance	10,515.00	.00	10,515.00	838.88	.00	10,646.80	(131.80)	101	10,001.59
0840.000	Unemployment Ins. NYS	5,000.00	.00	5,000.00	.00	.00	2,998.51	2,001.49	60	.00
0860.000	Medical Insurance	1,549,847.00	.00	1,549,847.00	108,595.35	.00	1,408,362.24	141,484.76	91	1,424,077.34
0861.000	Dental Insurance	54,350.00	.00	54,350.00	47,422.83	.00	47,422.83	6,927.17	87	49,960.42
0863.000	Vision Care Insurance	4,125.00	.00	4,125.00	300.13	.00	3,655.61	469.39	89	3,757.17
0865.000	Chiropractic Insurance	2,000.00	.00	2,000.00	857.50	.00	2,632.50	(632.50)	132	1,325.00
0890.000	Post-Employment Benefits(OPEB)	.00	.00	.00	1,670,613.44	.00	1,670,613.44	(1,670,613.44)	+++	(1,609,203.00)
<i>Employee Benefits Totals</i>		\$2,064,492.00	\$0.00	\$2,064,492.00	\$2,193,626.11	\$0.00	\$3,561,367.48	(\$1,496,875.48)	173%	\$1,118,481.82
<i>Employee Benefit - FICA</i>										
0810.000	Social Security	220,451.00	.00	220,451.00	22,360.13	.00	247,171.59	(26,720.59)	112	216,904.04
<i>Employee Benefit - FICA Totals</i>		\$220,451.00	\$0.00	\$220,451.00	\$22,360.13	\$0.00	\$247,171.59	(\$26,720.59)	112%	\$216,904.04
EXPENSE TOTALS		\$9,509,908.00	\$0.00	\$9,509,908.00	\$3,282,549.07	\$5,241.18	\$11,171,764.69	(\$1,667,097.87)	118%	\$8,239,048.84
Fund FA - Water Board - Water Totals		\$9,509,908.00	\$0.00	\$9,509,908.00	\$3,282,549.07	\$5,241.18	\$11,171,764.69	(\$1,667,097.87)		\$8,239,048.84
Grand Totals		\$9,509,908.00	\$0.00	\$9,509,908.00	\$3,282,549.07	\$5,241.18	\$11,171,764.69	(\$1,667,097.87)		\$8,239,048.84



Expense Budget Performance Report

Fiscal Year to Date 12/31/23
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>Capital Outlays</i>									
0250.007	Computer Equipment	.00	11,368.00	11,368.00	.00	.00	.00	11,368.00	0	.00
	<i>Capital Outlays Totals</i>	\$0.00	\$11,368.00	\$11,368.00	\$0.00	\$0.00	\$0.00	\$11,368.00	0%	\$0.00
	<i>Contractual Expenses</i>									
0419.599	Undesignated Supplies	4,700.00	.00	4,700.00	746.15	.00	5,829.17	(1,129.17)	124	4,476.65
0451.000	Consultants	60,000.00	.00	60,000.00	13,994.00	.00	102,114.30	(42,114.30)	170	46,528.80
0454.000	Attorney Services	40,000.00	(11,368.00)	28,632.00	4,216.40	.00	22,524.72	6,107.28	79	3,969.50
0459.000	Auditors	28,000.00	.00	28,000.00	.00	.00	27,643.75	356.25	99	26,000.00
0461.000	Postage	250.00	.00	250.00	.00	.00	.00	250.00	0	.00
0463.000	Travel & Training Expense	.00	.00	.00	17.00	.00	17.00	(17.00)	+++	.00
0466.000	Books,Mags. & Memberships	7,050.00	.00	7,050.00	60.04	.00	5,953.86	1,096.14	84	4,919.71
	<i>Contractual Expenses Totals</i>	\$140,000.00	(\$11,368.00)	\$128,632.00	\$19,033.59	\$0.00	\$164,082.80	(\$35,450.80)	128%	\$85,894.66
	EXPENSE TOTALS	\$140,000.00	\$0.00	\$140,000.00	\$19,033.59	\$0.00	\$164,082.80	(\$24,082.80)	117%	\$85,894.66
Fund	FGB - Water Board Totals	\$140,000.00	\$0.00	\$140,000.00	\$19,033.59	\$0.00	\$164,082.80	(\$24,082.80)		\$85,894.66
	Grand Totals	\$140,000.00	\$0.00	\$140,000.00	\$19,033.59	\$0.00	\$164,082.80	(\$24,082.80)		\$85,894.66

NFWB Live
Budget Amendments Report
 From Date: 12/1/2023 - To Date: 12/31/2023

Account	G/L Date	Journal	Description	Increases	Decreases	Amended Balance
Fund: GA Water Board - Sewer						
Department: 8130 Sewage Trtmt/Disposal						
Sub Department: 0100 Operations						
0419.024 - Hypochlorite Solution				Amended Balance as of: 12/1/2023		\$9,000,000.00
	12/04/2023	2023-00004318	TRANSFER TO COVER ADDITIONAL TRAINING EXPENSES	\$0.00	\$690.00	\$8,340,810.00
				\$0.00	\$690.00	\$8,999,310.00
0463.000 - Travel & Training Expense				Amended Balance as of: 12/1/2023		\$1,500.00
	12/04/2023	2023-00004318	TRANSFER TO COVER ADDITIONAL TRAINING EXPENSES	\$690.00	\$0.00	\$2,190.00
				\$690.00	\$0.00	\$2,190.00
Sub Department: 0100 Operations Totals:				\$690.00	\$690.00	
Department: 8130 Sewage Trtmt/Disposal Totals:				\$690.00	\$690.00	
Fund Totals: Water Board - Sewer				\$690.00	\$690.00	
Grand Totals:				\$690.00	\$690.00	



Monthly O&M Report For the Month of January 2024

1. Treatment & Plant Maintenance

1.1. Water – Robert Rowe, updated 02/16/2024.

OPERATIONS AND MAINTENANCE

Total water production for the month of January was 626 million gallons. The average daily water production was 20.2 million gallons. The plant data summary table is included below for your reference.

2024 TOTALS AND AVERAGES

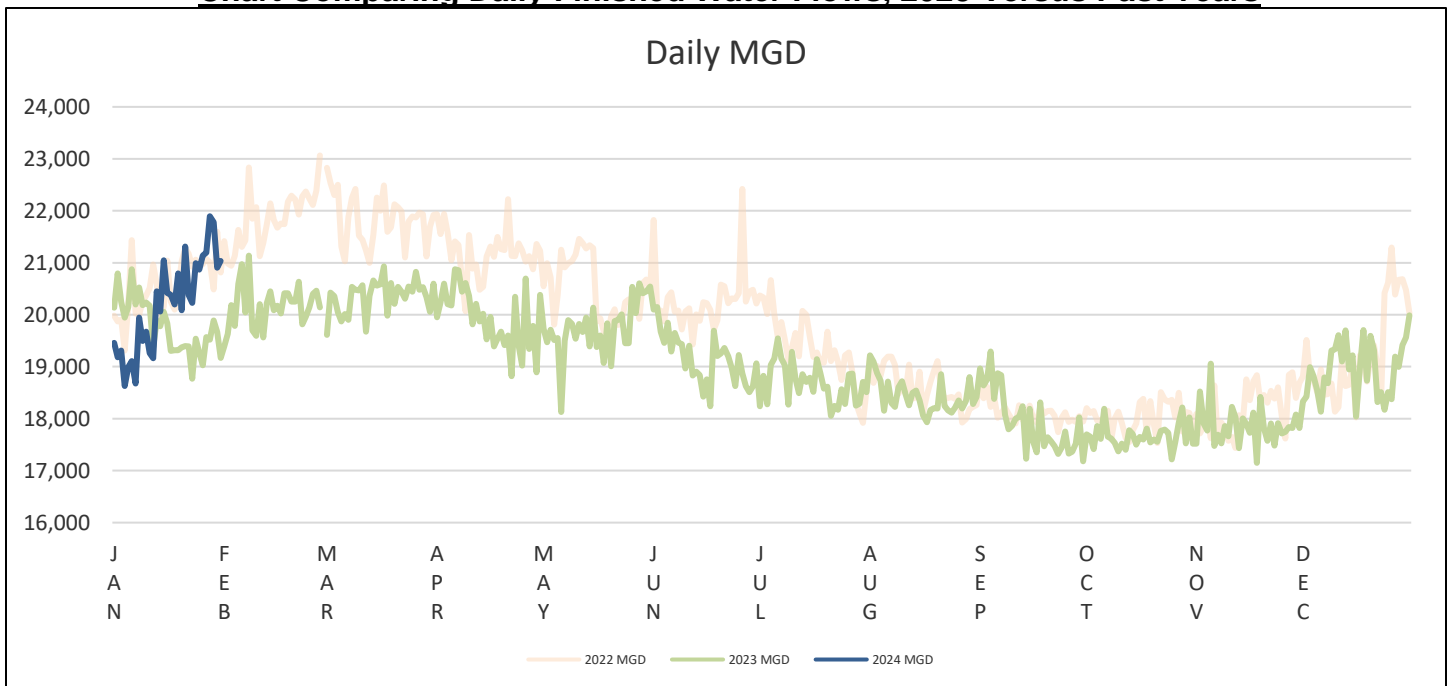
	R/W	PRE CL2	PACL	H2SiF6	PO4	POST CL2	F/W 1000 GAL/ DAY
	PUMPAGE	LBS	LBS	LBS	LBS	LBS	
JAN	626086	6773	137700	15135	3359	3962	20196
FEB	0	0	0	0	0	0	0
MAR	0	0	0	0	0	0	0
APR	0	0	0	0	0	0	0
MAY	0	0	0	0	0	0	0
JUN	0	0	0	0	0	0	0
JUL	0	0	0	0	0	0	0
AUG	0	0	0	0	0	0	0
SEP	0	0	0	0	0	0	0
OCT	0	0	0	0	0	0	0
NOV	0	0	0	0	0	0	0
DEC	0	0	0	0	0	0	0
TOTAL	626086	6773	137700	15135	3359	3962	20196



FOR COMPARISON: 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	611999	7730	105200	15865	1940	4054	19742
JUN	574667	7087	80500	15130	2765	3941	19156
JUL	578946	7976	89800	15325	3128	3945	18676
AUG	571295	8286	94000	14598	3078	3613	18429
SEP	538480	7632	105000	12732	2874	3402	17949
OCT	547506	7040	89400	12819	2937	3378	17661
NOV	535,706	5857	78900	12717	2896	3401	17857
DEC	587386	6100	99400	14298	3101	3716	18948
TOTAL	6952528	85482	1276700	173569	29266	44285	228643

Chart Comparing Daily Finished Water Flows, 2023 Versus Past Years





2024 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	9.0	8.0	0.55	1.25	0.034	7.6	0.69
FEB							
MAR							
APR							
MAY							
JUN							
JUL							
AUG							
SEP							
OCT							
NOV							
DEC							
AVG	9.0	8.0	0.55	1.25	0.034	7.6	0.69

Operations and Maintenance Highlights

Freeze Thaw Bed #3 awaiting piling and drying of solids for removal. Meanwhile, the project to bypass the Freeze Thaw and send our waste stream to WWTP is moving along very well. The flow meter and refrigerated sampler unit have been installed.

The Emergency Backup Generator project is underway, with upgrades to engine, switchgear, and transfer switch controls to give us greatly improved control and functionality of the system. Milton CAT is expecting parts for completion soon.

The chlorine booster pump piping project is underway, with expected completion of the plumbing work week of 2/19 – 2/23.

Backwash pump #1 check valve is in house, and we will plan installation soon.



Water Treatment Plant Maintenance Planning

This list summarizes larger projects/needs and is subject to change based on evolving plant conditions.

Priority Levels: **High** **Medium** **Low**

1. PACL System Upgrades **Medium**

Pumps, controller, and piping installed. Last step to complete project is SCADA programming so all four pumps have SCADA control.

- C. Hotchkiss worked on SCADA control 12/2023, not yet complete.

2. Bulk Chemical Storage Tank Liners **Medium**

PACL liner replacement completed, and new liner for fluoride tank is in house. Contractor requested safety analysis prior to completing fluoride liner replacement.

- Professional to address safety needs to be identified. **Sun Environmental has been provided tank plans and other details to determine if they can perform the work.**

3. Waste Treatment Facilities **High**

Maintenance concern because of difficulty keeping freeze-thaw beds clean of solids. Waste now is being directed to WWTP, impacts are being assessed as a permanent solution and monitoring station and other requirements of the WTP now being classified as an SIU discharger are being completed. In the meantime, the existing freeze-thaw beds have material which needs to be removed and landfilled (anticipated summer 2024). Freeze-thaw bed liners are showing age-related degradation and should be assessed for repair.

- Priority will be downgraded after a few months of demonstrated success for sending waste to WWTP, at that point liner repairs will remain necessary but a lower priority.
- SPDES sampling point needs attention – need plan for sampling flow from supernatant pump to river.

4. Interior lighting **Medium**

In recent years lighting in many areas has been improved. Still need to address exterior lighting, lighting in high-lift building basement areas.

- Emergency lighting has been mapped and non-functional lights are being repaired.

5. Emergency Backup Generators **High**

Multiple issues with transfer gear and controls. Louvres in disrepair.

- Milton CAT and Ferguson contracted to make required repairs to transfer gear and generator controls. As of 11/03, Milton CAT is awaiting parts needed to complete work.
- Some motors for louvres used when generator is operating repaired or replaced with unused louvre motors from another location. Several louvres in generator room still need repair.



6. Backflow Preventers **High**

Need to be tested and repaired/replaced yearly and as necessary.

- Danforth inspected in 2023, some backflow devices could not be tested without losing chlorine capabilities. Further work awaits completion of chlorine injection system upgrade (No. 9, below).

7. Restoring Polymer and Carbon Capabilities: **Low**

Could be reinstated to improve plant capability, flexibility to address extraordinary conditions. Carbon Silo was painted 2022. Scope of work required for restoration of these capabilities would require engineering assessment.

8. Painting of Sedimentation Plates, Filter Walls: **Medium**

These items are large projects because of need to work in filter area. A separate list of additional lower-priority items in need of painting is maintained by WTP Operations.

9. Chlorine System – Booster Pump, Piping/Component, and Scrubber: **High**

- a. Adding a booster pump to the raw water chlorine feed will help prevent loss of chlorine feed during a low pressure scenario and also will provide backup to chlorine dosage during backflow testing/repairs.
 - DOH has approved plans for booster pump project.
 - Pump skid received 12/7.
 - **Piping work underway currently 2/2024**
- b. Many original PVC lines, regulators, chlorinators, etc. potentially vulnerable due to age and environmental conditions.
 - Two out of six regulators replaced, R. Rowe to obtain quote for four remaining.
 - Operations and maintenance will continue to visually inspect piping and asses need for any replacements.
- c. Chlorine Scrubber near end of service life and requires replacement.
 - CPL is preparing RFP for replacement with dry media scrubber.

10. Settling Plate and/or Filter Upgrades: **Low**

Would increase efficiency during higher rates of flow to allow us to better keep up with demanding winter months and large main breaks. This could reduce water used for filter washing (and therefore discharge flow to WWTP or freeze-thaw beds).

- Plastic portions of settling plates have been flaking off, and a large sheet of material detached from a plate in 8/2023. Conversation regarding plan to address has been commenced with Dir. Tech. & Reg. Svcs. and Executive Director.

11. Roofing Repair/Replacement: **High**

Replacement project is underway with contractor Weaver Metals and Roofing, anticipated completion Spring 2024.

12. Master Key for Building: **Medium**

Need to verify proper keys are in KNOX box. Some doors have been repaired or installed which do not match the master key, creating issues for access in the event of emergency. Key control is a security concern.

- **Fire Department visited 2/15/24, electronic door keys added to KNOX box.**



13. Louvres in Basin, High Lift, and Filter Areas: **Low**
Some louvres in the generator room have been repaired, but multiple louvres in these areas still are not operating properly.
14. Barbed Wire Repair – Front Fence: **Medium**
Back fence replaced, front barbed wire still in need of repair.
15. PLC Processing Errors: **High**
Meetings were held 11/30 & 12/6/2023 to determine needs and potential RFP for engineering services to determine scope.
16. Parking Lot: **Medium**
Patching, crack filling, sealing needed. Surface of west lot is in poor condition
17. Filter # 1 Broken Wash Water Trough: **High**
19. Automatic Switchover Valve for Chlorine Feed System: **High**
Currently functioning, but due for replacement. Ties in with item #9.
20. Backwash Pump #1 Check Valve: **High**
Sticking open, causing potential backflow issues and slamming of the valve.
 - New valve has been ordered, PO created, 04/27/2023, expected delivery was 10/2023.
 - **Valve has been received and we are planning installation. This is a very large and heavy piece of equipment.**
21. Lucity Issues: **Low**
Operators having difficulty creating work orders. Much progress has been made to resolve these issues, training needed for operators, IT is working on this.
22. Low Lift #2 Check Valve Flange: **Medium**
Leaking.
23. Low Lift #3 and #5 Intermittent Loss of SCADA Control for Actuator: **Medium**
C. Hotchkiss and S. Caple working to schedule RM Headly for repairs as of 11/2023.
24. Security Camera Issues: **Medium**
Camera feed in Operations Control Room malfunctions frequently since feed was split to supply monitor in HR office. Multiple cameras currently are non-functional. Newly installed cameras are internet or cloud based with limited access in Control Room. Operations relies on IT to ensure security of this technology from malicious actors.
25. Weed Control: **Low**
Substantial work was done in 2023, but there remain some overgrown areas around freeze-thaw beds and additional efforts around site to maintain trees and cut back brush will be needed in 2024.
26. WTP Doorbell: **Low**
Connected to PA system issue, doorbell no longer alerts through plant/operators who are making rounds. IT is working on issue.
Shawn Caple has corrected a wiring issue and doorbell is currently working. 02/2024



Wastewater – Dennis Kirkland, Acting Chief Operator- updated 2/19/24

January 2024

Project #1 (Sedimentation Basins and Screening) Sed Basin #2 is under construction by HOHL. Scum building HVAC system has some minor things with SCADA and the automatic system to be fully functional. The scum system level sensor needs to be incorporated into the program/auto system. There is some concrete work in the basins and possibly at the old mixer locations which are now covered by plate/manholes.

Project #2 (GPS) This project is complete. We have all the hard copy O&M manuals and Digital O&M manuals as well. Training in all aspects of the Project has been received by the proper departments.

Project #3 (Poly, Grit Conveyor, BFP (Belt Filter Press)) The BFP portion was held up on materials and approvals of change orders, but we are now meeting and are beginning to move forward on this portion of the project. Hohl went through and finished all punch list items in the upper polymer room. NFWB personnel piped in overflow and drain lines last month along with camlock fittings for flushing which has been tested and is functioning. Most of Project #3 is close to completion besides some minor items, and with moving forward with the belt filter press portion there should be some added time but it all should be worth it in the end.

Project #5 (Electrical) At June '23 Board meeting Ferguson was authorized to replace transformers for two power centers, other portions of Project 5 are being re-evaluated by CPL. We already have the transformers installed and containment fixed/set up in power center #2 and waiting for concrete pad and other transformer to be installed outside of maintenance by power center #5.

Project #7 (HVAC) Work is complete at the facility. Training has since been completed. O&Ms manuals were sent to NFWB electronically, but we do not have a hard copy.

Project #9 & #11 (Inside/Outside Piping) Project #9 and Project #11 are both completed. The only thing left is this spring NFWB is to reseed the area that was dug up due to project.

Project #10 (Motion AI – Overall Controls) Motion AI is working on some of the controls that will be added to the BFP and incorporating them. Capabilities will be added to the HMI (Human Machine Interfaces) screens at each of the three belt filter presses. Motion AI would be involved in the HOA switch on each Gorge Pump along with other small upgrades to the GPS and NFWB system. Motion AI has hooked up the level sensor in the scum building for project one incorporated it into SCADA there are some more skated incorporations with project one and the set basins that will need to be done as well but with actual construction still under way some of Motion AI will have to do what they can when they can.

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.



WWTP Operations Data:

2024	FLOWS			Chlorine Residual	Rainfall	SLUDGE		Polymer		FeCl3	LIME	H2O2	NaOCl	Grit
	EFF	CBE	GPS			NET	LANDFILL	BFP	PRIM					
MONTH	MGD	MGD	MGD	PPM	inches	(Tons)		(Lbs)		(gals.)	(Tons)	(gals.)	(gals.)	(Tons)
January	31.20	46.37	13.97	1.3	2.2	1281.0	425.0	1611.0	2389.0	20570	32.1	0	166690	32.9
February												0		
March												0		
April												0		
May												0		
June												0		
July												0		
August												0		
September												0		
October												0		
November												0		
December												0		
Totals	31.20	46.37	13.97	1.3	2.2	1281.0	425.0	1611.0	2389.0	20570	32.1	0	166690	32.9

Explanation of data abbreviations:

- | | |
|----------------------------------|----------------------------|
| INF: Influent | BFP: Belt Filter Press |
| EFF: Effluent | PRIM: Primary |
| CBE: Carbon Bed Effluent | FeCl3: Ferric Chloride |
| GPS: Gorge Pump Station | H2O2: Peroxide |
| MGD: Millions of Gallons per Day | NaOCl: Sodium Hypochlorite |
| PPM: Parts Per Million | |

2023 Data for Comparison Purposes

WASTEWATER TREATMENT PLANT OPERATING DATA														
2023	FLOWS			Chlorine Residual	Rainfall	SLUDGE		Polymer		FeCl3	LIME	H2O2	NaOCl	Grit
	EFF	CBE	GPS			NET	LANDFILL	BFP	PRIM					
MONTH	MGD	MGD	MGD	PPM	inches	(Tons)		(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	20.74	33.68	11.71	1.6	0.5	1476.0	373.0	2098.0	2059.0	18180	47.8	0	126660	4.6
June	19.81	31.45	11.43	1.6	1.5	1351.0	372.0	1664.0	2012.0	18860	49.2	0	103180	19.2
July	23.41	36.91	12.55	1.4	3.4	1313.0	344.0	1943.0	2192.0	19240	54.7	0	153350	16.3
August	22.31	35.92	12.24	1.5	2.0	1383.0	367.0	1378.0	1859.0	17780	36.5	0	159490	14.0
September	19.43	30.39	10.92	1.3	1.4	689.0	203.0	1247.0	2034.0	14460	37.2	0	250120	10.9
October	20.18	30.50	11.03	1.3	1.2	759.0	226.0	1432.0	2143.0	15850	37.4	0	188250	11.6
November	19.98	30.65	10.83	1.6	1.1	1029.0	292.0	1467.0	2201.0	15640	38.1	0	172040	12.0
December	27.08	39.77	12.82	1.5	1.7	996.0	309.0	1476.0	2312.0	18590	38.7	0	156270	13.2
Totals	24.08	37.47	12.50	1.5	18.7	14313.0	3957.0	17034.0	26050.0	219120	500.4	0	2065565	212.0



2.1. Sewer Collection & Water Distribution Cortez Bradberry, updated 2/15/2024

Sewer Collections System										
2024	Service Calls	Flushing (Feet)	UFPO Responses	Receivers Cleaned	Bypass Pumping (Hours)	Catch Basins	Manholes	Main	Connections	Lateral
January	214	23900	371	145	218.8	3	5	1	3	0
February										
March										
April										
May										
June										
July										
August										
September										
October										
November										
December										
Totals										

Water Distribution 2 HYDRANTS OUT OF SERVICE DUE TO CONTRACTOR ON MILITARY RD																
2024	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	9	6	9	0	0	6	3	0	213	0	2	214	0	0	371	
February																
March																
April																
May																
June																
July																
August																
September																
October																
November																
December																
Totals																



Distribution Notes:

2 Hydrants are out of service due to the reconstruction of N. Military Rd by a private contractor. NFFD has been advised and given hydrant recommendations should there be a fire in the area.

3. Analytical Services

3.1 Water Laboratory – Jordan Boyd, updated 2/13/2024

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

- Monthly collection for the Distribution System was conducted in January. 60 Samples for Free Chlorine, Turbidity, Phosphate, Fluoride, Standard Plate Count & 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 January. All samples were in compliance.
- Synthetic Organic Chemicals (Pesticides) samples were collected and sent out to be analyzed by Alpha Analytical. All results were under the detection limit and were in compliance.
- Fourth quarter UCMR5 samples (Unregulated Contaminant Monitoring Rule 5) were collected in December and sent out to Pace Analytical for analysis. All results were in compliance.

2. In-house/DEC Monitoring

- All in-house monitoring for process water bacteriology and chemistry was within normal limits for January.
- 1 community complaint was sampled in January. No water main breaks were sampled.
- The monthly SPDES sample collected from the freeze thaw beds was within normal limits for January. Chloroform and Dichlorobromomethane were sampled in January according to the new SPDES permit established for 2023.
- Replacement Type 1 water purification system was ordered to replace defective unit.
- Samples analyzed for 2024: 768.

3. Laboratory Contract Analysis

- The Chemistry Laboratory analyzed 8 samples for Total Organic Carbon and 9 Wet Chemistry Samples for City of Lockport and Town of Tonawanda, and 3 Wet Chemistry samples from the Village of Lewiston.
- The Microbiology lab analyzed 21 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 \$565.50



3.2 Wastewater Laboratory – Jillian O'Connor 2/9/2024

1. The data for January's State Pollutant Discharge Elimination System (SPDES) report is currently being compiled.
2. Weekly samples collected and sent out to University at Buffalo for New York State analysis of Covid-19 in the wastewater.
3. A. Puscheck began training on EPA method 608.3 Organochlorine Pesticides and PCBs by GC/HSD
4. 42 industrial samples were processed and sent to a contract lab (Test America) for Total Organic Carbon and Total Phosphorus testing for billing purposes
5. 3 industrial samples were processed sent out to a contract lab (Test America) for testing in accordance with our IPP requirements.
6. 4 industrial samples were processed in house using EPA Method 608.3 Organochlorine Pesticides and PCBs by GC/HSD for IPP requirements



4. Customers & Compliance

4.1. Meter Shop – Bob Reid Updated 2/14/24

MONTH:	WORK ORDERS	STOPPED METERS	Registers Replaced	Properties Tagged	INDUSTRIAL METERS READ	RESIDENTIAL METERS READ
JANUARY	70	0	9	9	0	7174
FEBRUARY						
MARCH						
APRIL						
MAY						
JUNE						
JULY						
AUGUST						
SEPTEMBER						
OCTOBER						
NOVEMBER						
DECEMBER						
TOTAL						7174

METER READINGS:

DISTRICT 2	B.REID	M.SCHEBELL	J.PAUL	F.DERUBEIS	TOTAL
1/2/24	1758		1608		3366
1/3/24	1307		918		2225
1/4/24	790		786		1576
1/5/24				7	7
TOTAL	3855		3312	7	7174

Shop read 7174 Residential Meters.



4.2 Industrial Pretreatment - Monitoring / Enforcement – Joel Paradise updated 02/20/2024

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.
2. 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.
3. SIU discharge permits are being continually updated using the most recent data generated by Steve Stewart to verify / adjust discharge limits.
4. The RFP for the Local Limits re-evaluation was awarded to AECOM and work is underway.
5. 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 complete.
6. A second Cross-Connection Inspector has been discussed. An individual hired for that position earlier in 2023 resigned.
7. All 3rd Quarter 2023 SIU Self-Monitoring Reports were submitted on time and are being evaluated for discharge permit compliance.
8. The NFWB Discharge Permit #61 issued to “Goodyear Tire & Rubber Company as Agent for Forest Glen Site” (Forest Glen) was signed by the Executive Director and is set for renewal at midnight on October 1st, 2023 for a term not to exceed 5 years. It was sent out on September 5th, 2023.



4. Industrial Pretreatment - Monitoring / Enforcement cont. – Joel Paradise updated 02/2024

9. The carbon treatment process addition at SIU #55, Sherwood Forest Properties, LTD, originally planned to go online sometime in December of this year, began treatment on a trial basis on September 20th, 2023. Preliminary results from SIU #55 of testing of the effluent are showing very encouraging results (non-detect for BHCs). This should go A LONG WAY toward eliminating, if not eliminating any further NFWB alpha BHC SPDES violations OR violations of any violations of the other 3 isomers. Compliance testing will continue to verify the processes' ability to maintain compliance with the lower BHC discharge limits proposed by the NFWB and help to determine an appropriate schedule for the changing out of each of the 2- 5000 pound carbon treatment vessels.
10. On Wednesday, October 11th, 2023 we collected samples as per the Mercury collection system monitoring program of the NFWB sewer collection system.
11. On Wednesday, November 1st, 2023 we collected the required quarterly collection system BHC samples fourth quarter. As in prior BHC sampling events, the samples were delivered to the Lab and sent out for analysis.
12. The 2023 Annual IPP Report to the USEPA and NYSDEC is almost completed and will soon be sent to the Executive Director for comment and his signature. It will then be mailed via USPS Certified Mail to the EPA and DEC.
13. As of today (2/20/2024), 45% of the first quarter 2024 SIU Quarterly reports due February 29th, have been received. That is a normal rate of return and we expect to have all received by 2/29.

5. Safety – John Accardo, Updated 1/09/2024

1. Dec. 13th CPR/AED, proper use of Fire Extinguisher
2. Dec. 18th Reasonable Suspicion training with WNYCOSH.
3. Dec 5th, NYS Mandatory Workplace Violence Training by WNYCOSH.
4. Dec. 6th Active Shooter Training was provided by NC Sheriffs Dept.



6. Technical Services – Doug Williamson, updated 2/16/2024

1. **LaSalle SSO Abatement Program and Consent Order (R9-20080528-32):**
LaSalle SSES Phase 1 Engineering report draft report was received from Arcadis on January 12th. Provided 2023 LaSalle Bypass Pumping data for the report review meeting that was held on January 26th. 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. We are planning on revising the current LaSalle consent order for years 12 - 18 and eliminate the remaining work items within the schedule that have a negligible impact on I & I.

2. **NYSDEC Consent Order (R9-20170906-129) WWTP Phase I and II Projects:**
In January, we continued to support CPL and the design consultants on the WWTP Phase I and II projects and continually work on the grant reimbursements for construction work completed. Construction progress meetings are being held for ongoing projects, as necessary.

Project 1 Sedimentation Basins and Scum Collection System Modification –Construction at sedimentation basin no.2 and no.3 continued.
Project 3 Screenings and Grit Transport Equipment Improvements – NFWB held meetings on December 5th and 12th regarding project close-out.
Project 5 Electrical System Improvements – Waiting on power center 2 and 5 transformer delivery and start of work for Phase II work with Ferguson Electric.
Project 10 SCADA Improvements – work continued as necessary.
Project 12 WWTP Intermediate Pumps work on pump no.1 is ongoing. The RFP for design, bidding and construction administration services has been under review and put on hold temporarily.

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

We received a Notice of Intent to Renew and Modify the WWTP SPDES permit from the NYSDEC on August 7th. A Notice was published in the Niagara Gazette on August 10th. We meet with the NYSDEC on November 9th to discuss further.

We continue meetings and discussions regarding the SIU BHC Implementation Plan and the Local Limits Evaluation.



A WTP inspection was held with the NYSDEC on January 16th.

NYSERDA Non-generator Certification for Waste was submitted on January 23rd.

2023 Combined Sewer Overflow (CSO) Annual Report was submitted to the NYSDEC on January 31st.

The WWTP NetDMR was approved on January 26th for December 2023 along with the Report of Noncompliance Events for fecal coliform and hexachlorobenzene monitoring.

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

We are looking into renegotiating the Agreement in early 2024.

5. **Stormwater Management**

Continued to address ongoing stormwater management concerns. WNYSC meeting was not held in January.

6. **Engineering Support**

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

The **In-Plant Mechanical Maintenance Services** at Various Niagara Falls Water Board Facilities from February 1, 2024 through January 31, 2024 bid was re-advertised on December 21st with the bid opening was held on January 17th.

Standard Methods of the Examination of Water and Wastewater 24th Edition was purchased for the WWTP lab on January 31st.

7. **Capital Improvement Projects:**

In January, the **5 Year Capital Improvement Plan** project progress, related grants and CPOs written continued to be monitored and tracked. Met with the NFWB, EFC and CPL in October regarding the CWSRF projects along with a grants status update. We plan to meet quarterly, if necessary. We are continuously developing a plan of attack on all the grant funded CIP projects.

NFWB Capital Projects Engineering Services RFP was issued on January 9th for the EFC grant funded WTP, WWTP, water and sewer projects. A pre-proposal meeting was held on January 17th and an additional site walk-through was held on January 23rd. Addendum no.1 was issued on January 30th. Proposals will be due February 19th by 2 pm.

Water Projects

The Military Road reconstruction and watermain installation project that began in November continued in January.



Sewer Projects

The **Local Limits Reevaluation** to reevaluate the local limits established on our significant industrial user's sanitary sewer discharges progressed with AECOM in December.

WTP Projects


In January, we continued to address the WTP Chlorine Booster Pump Station and WTP Chlorine Scrubber Replacement projects. The final T37250GG - DWFR1- Niagara Falls Water Board Q6 Program Quarterly Report was submitted on January 11th for the WTP Fluoride Assessment.

WWTP Projects (additional)

WWTP Sodium Hypochlorite Tank Replacement

In January, AECOM continued the design services for the sodium hypochlorite tank and pump replacement project.

2024 OXIDIZER BUDGET

BUDGET =	\$9,000,000.00	for year	
COST =	\$258,941.76	to date	
% USED =	2.88%	to date	
BUDGET =	\$24,657.53	per day avg.	\$750,000.00 per month avg.
COST =	\$8,352.96	per day avg.	\$258,941.76 per month avg.
	29.8	Flow (MGD)	31 total days

WWTP DATA		OXIDIZER USAGE				SLUDGE REMOVAL			
MONTH	FLOW (MG)	H2O2 (GAL)	NaOCl (GAL)	GAL PER MG FLOW	TOTAL ESTIMATED COST	LANDFILL SLUDGE (TONS)	SOLIDS TONS PER MG	FERRIC CHLORIDE (GAL)	LIME (TONS)
Jan-2024	924.9	0	163,680	177	\$258,941.76	360.0	0.39	19,860.0	40.7
Feb-2024									
Mar-2024									
Apr-2024									
May-2024									
Jun-2024									
Jul-2024									
Aug-2024									
Sep-2024									
Oct-2024									
Nov-2024									
Dec-2024									
TOTALS	924.9	0	163,680	177	\$258,941.76	360.0	0.39	19,860.0	40.7

Low value for year

High value for year

2023 Oxidizer Figures for Comparison:

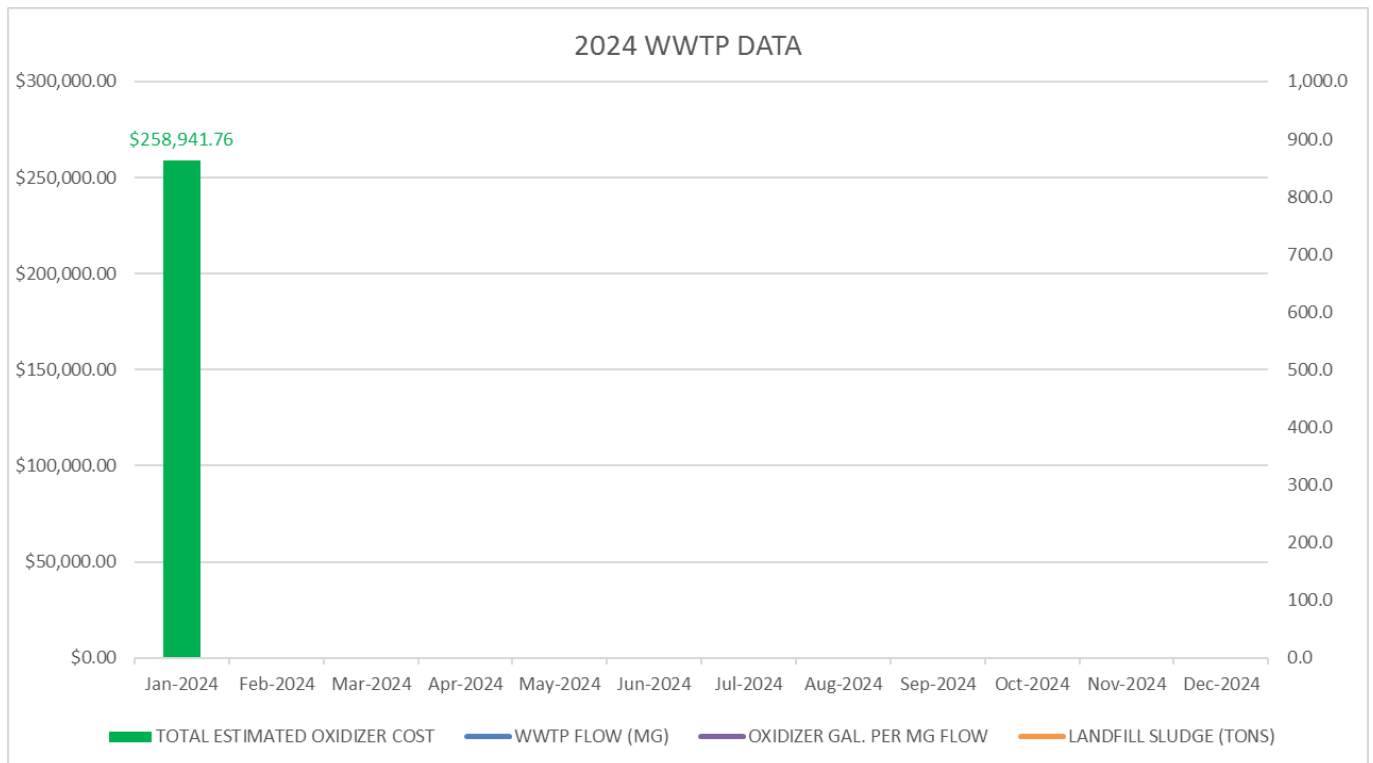


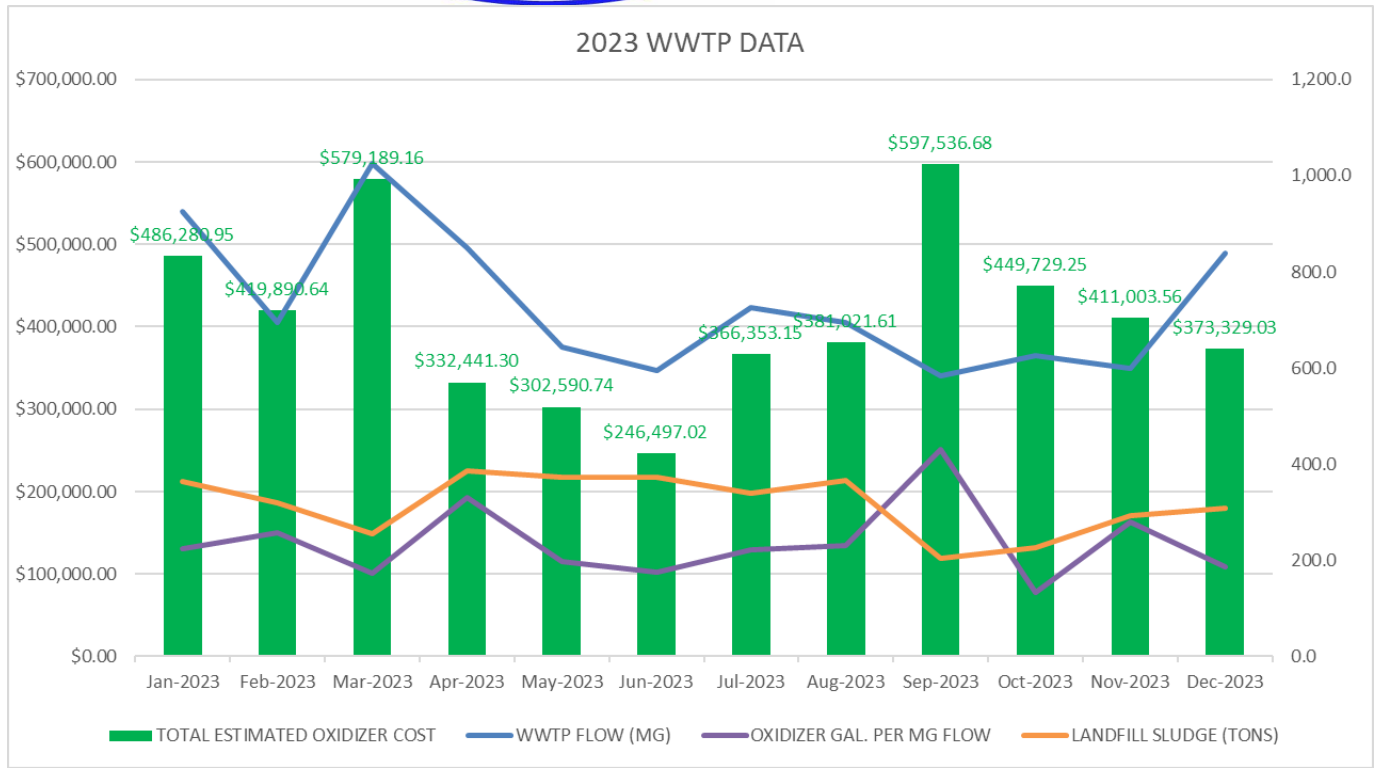
2023 OXIDIZER BUDGET

BUDGET = \$9,000,000.00 for year
COST = \$4,945,863.09 to date
% USED = 54.95% to date
BUDGET = \$24,657.53 per day avg. **\$750,000.00** per month avg.
COST = \$13,550.31 per day avg. **\$412,155.26** per month avg.
24.1 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-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	643.0	0	126,660	198	\$302,590.74	372.6	120.4	34.1	47.8
Jun-2023	594.4	0	103,180	175	\$246,497.02	372.1	154.4	35.4	49.2
Jul-2023	725.6	0	153,350	223	\$366,353.15	338.7	100.8	35.9	54.7
Aug-2023	694.0	0	159,490	230	\$381,021.61	366.9	144.1	33.3	36.5
Sep-2023	582.8	0	250,120	430	\$597,536.68	203.2	122.4	27.1	37.2
Oct-2023	626.5	0	188,250	133	\$449,729.25	226.2	123.0	29.7	37.4
Nov-2023	599.5	0	172,040	279	\$411,003.56	292.0	176.5	29.3	38.1
Dec-2023	839.6	0	156,270	186	\$373,329.03	309.0	133.0	40.5	38.7
TOTALS	8,798.9	0	2,070,265	237	\$4,945,863.09	3,806.2	133.6	416.3	498.6

Low value for year
 High value for year





7. SECURITY REPORT— John Accardo 1/09/2024

1. No WWTP security incidents were reported in December.

8. INFORMATION TECHNOLOGY (I.T.) 2/22/2024 – Clayton Hotchkiss

Primary System Statuses

- ✚ **VMware Environment** – No issues to report.
- ✚ **New World Cloud** – No issues to report.
- ✚ **Exchange Office 365** – Adjusting settings based on new third-party requirements for domain-based authentication / sender policy framework. Protects against spoofing attempts with NFWB.org email accounts.
- ✚ **Network WTP/WWTP/Gorge** – No issues to report, new gorge firewall operating properly.
- ✚ **Network Security** – No incidents to report.



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

WTP – Sean Caple resolved doorbell issue.

WTP – Main security gate will be upgraded using Verkada hardware, will need to develop plan and schedule to trench for direct-bury ethernet and fiber cables to the gate and required procurements.

WWTP – paused work on paging system pending outcome of capital projects RFP.

GPS – Plan developed for procurement of materials and hardware to add cameras, need to determine schedule. Future, more complex project is to install a cellular failover.

NFWB – Still testing SMS software to notify employees in the event of an emergency.

NFWB – Darktrace monitoring MS365, procured 1 year service contract after free trial successfully concluded. Will continue to evaluate and deploy free cyber security resources through CISA.

NFWB – Advance 2000 has started work related to IT disaster recovery and backup plan, specifically related to Veeam backup server. Further plans include migrating backup for common drive in a manner that will improve recovery of lost files. Will need to develop written plan incorporating these changes.

NFWB – Encountered issues during testing prior to deploying print management software, “printer logic.” Error is related to print spool, a support ticket has been sent to vendor. Prepared to support printer/copier RFP or procurement at management’s direction.

NFWB – Waiting to receive additional network switches ordered to better accommodate telephones, Verkada hardware, etc.; project is approximately 50% complete. Will add additional IP addresses to network (needed because of increased number of devices) and also will improve network management and security.

NFWB – Assisted in Environmental Laboratory project by adding communications cables, jacks, and phones as required.



9. OPERATIONS EXECUTIVE - 1/18/2024 – Dave Conti

- Nussbaumer and Clark has developed a Preliminary Scope of additional work for Project #3.
- The surge valves at WTP were repaired January 7-8 and are now functional.
- The Lucity work order software is now in use. Employee logins are being tested and confirmed. Completed work orders are being closed. Reports are being refined.
- Engineering firms have been on site to review capital projects requiring proposals.
- The transformer replacement at WWTP has begun. One transformer is delivered and a second scheduled to be delivered next week.
- Carbon bed media replacement is in progress at WWTP.

**PROCUREMENT FROM NYS OFFICE OF GENERAL SERVICES
INFORMATION TECHNOLOGY UMBRELLA CONTRACT**

WHEREAS, the Niagara Falls Water Board (“Water Board”) actively is upgrading its information technology (“IT”) and physical security infrastructure to protect its critical infrastructure and its personnel; and

WHEREAS, Water Board IT employees have evaluated current physical security hardware and determined that Verkada brand equipment is appropriate to deploy when adding or upgrading physical security assets, as those systems can be installed and maintained without requiring a third-party contractor, are scalable, and have robust information security; and

WHEREAS, the Water Board can procure Verkada security hardware and associated licenses through vendor Insight; and

WHEREAS, Insight has provided a quotation dated January 19, 2024 for physical security equipment and licenses that Water Board IT staff recommend, which totals \$123,957.52; and

WHEREAS, Insight’s quotation is per NYS Office of General Services Information Technology Umbrella Contract No. PD67645, Group 73600, Award 22876, and pursuant to General Municipal Law § 104, the Water Board is authorized to make purchases from such competitively-awarded OGS contracts;

* CONTINUED ON NEXT PAGE *

NOW THEREFORE BE IT

RESOLVED, that the Niagara Falls Water Board authorizes the Executive Director to procure Verkada physical security equipment and licenses from Insight Public Sector for a total sum not to exceed \$123,957.52.

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

Water Board Budget Line or Capital Plan Item with Funds for this Resolution:
Budget Line FA - 8150.0000.0446.008, Software Maint/Licenses
Capital Item WTP 2.2, WTP Security Upgrades
(Precise allocation pending classification of certain items as operational vs capital expenses)
Budget/Capital Lines: B. Majchrowicz
Available Funds Confirmed: B. Majchrowicz

On March 4, 2024, 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

SOLD-TO PARTY 10206613

NIAGARA FALLS WATER BOARD
 JONATHAN JOYCE
 5815 BUFFALO AVE
 NIAGARA FALLS NY 14304-3832

SHIP-TO

NIAGARA FALLS WATER BOARD
 JONATHAN JOYCE
 5815 BUFFALO AVE
 NIAGARA FALLS NY 14304-3832

Quotation	
Quotation Number	: 0227038940
Document Date	: 19-JAN-2024
PO Number	:
PO release:	:
Sales Rep	: Adhika Maharaj
Email	: ADHIKA.MAHARAJ@INSIGHT.COM
Telephone	: +15143738827

We deliver according to the following terms:

Payment Terms : Credit Card
Ship Via : Insight Assigned Carrier/Ground
Terms of Delivery : FOB destination
Currency : USD

Material	Material Description	Quantity	Unit Price	Extended Price
CB62-512E-HW	Verkada Bullet Series CB62-E - network surveillance camera - bullet - with 30 days onboard storage (512GB)	2	1,069.52	2,139.04
CB62-512TE-HW	Verkada Bullet Series CB62-TE - network surveillance camera - bullet - with 30 days onboard storage (512GB)	1	1,128.97	1,128.97
CD52-256-HW	Verkada CD52 - network surveillance camera - dome - with 30 days onboard storage (256GB)	5	712.81	3,564.05
CD42-256-HW	Verkada CD42 - network surveillance camera - dome - with 30 days onboard storage (256GB)	5	593.91	2,969.55
CH52-1TBE-HW	Verkada CH52-E - network panoramic camera - dome	6	2,139.64	12,837.84
AC42-HW	Verkada AC42 - Door controller - 4-door - Works with Existing Cards and Readers	8	1,069.52	8,556.16
ACC-BAT-4AH	Verkada battery backup - Sealed Lead Acid (SLA)	8	76.69	613.52
AD33-HW	Verkada A33 - Multi-form factor card reader - IP65, IK08 rated	32	207.48	6,639.36
ACC-MNT-2	Verkada ACC-MNT-2 - camera mounting bracket	6	52.91	317.46
ACC-MNT-8	Verkada ACC-MNT-8 - camera pendant cap	6	41.02	246.12
BH61-HW	Verkada BH61-HW - alarm hub	2	356.11	712.22

Material	Material Description	Quantity	Unit Price	Extended Price
VX52-HW	Verkada VX52 Viewing Station - video server - 150 channels	1	296.66	296.66
LIC-10Y	Verkada Command - subscription license (10 years) - 1 camera Coverage Dates: 19-JAN-2024 - 19-JAN-2025	13	1,069.52	13,903.76
LIC-CH52-10Y	Verkada Video Security Cloud - subscription license (10 years) - 1 camera Coverage Dates: 19-JAN-2024 - 19-JAN-2025	6	3,209.75	19,258.50
LIC-AC-10Y	Verkada Access Control - Cloud License (10 years) - 1 door Coverage Dates: 19-JAN-2024 - 19-JAN-2034	32	1,188.42	38,029.44
LIC-BA-10Y	Verkada Alarm - subscription license (10 years) - up to 50 cameras - 1 unique site address, up to 100 events per month Coverage Dates: 19-JAN-2024 - 19-JAN-2034	1	8,917.65	8,917.65
LIC-VX-10Y	Verkada VX - subscription license (10 years) - 1 license Coverage Dates: 19-JAN-2024 - 19-JAN-2034	1	3,827.21	3,827.22

[NY OGS Hardware and Software contract#PD67645.](#)

Product Subtotal	123,957.52
Freight	00.00
TAX	0.00
Total	123,957.52

Thank you for choosing Insight. Please contact us with any questions or for additional information about Insight's complete IT solution offering.

Sincerely,

Adhika Maharaj
 +15143738827
ADHIKA.MAHARAJ@INSIGHT.COM

Insight Global Finance has a wide variety of flexible financing options and technology refresh solutions. Contact your Insight representative for an innovative approach to maximizing your technology and developing a strategy to manage your financial options.

This purchase is subject to Insight's online Terms of Sale unless you have a separate purchase agreement signed by both your company and Insight, in which case, that separate agreement will govern. Insight's online Terms of Sale can be found at the "terms-and-policies" link below.

SOFTWARE AND CLOUD SERVICES PURCHASES: If your purchase contains any software or cloud computing offerings ("Software and Cloud Offerings"), each offering will be subject to the applicable supplier's end user license and use terms ("Supplier Terms") made available by the supplier or which can be found at the "terms-and-policies" link below. By ordering, paying for, receiving or using Software and Cloud Offerings, you agree to be bound by and accept the Supplier Terms unless you

and the applicable supplier have a separate agreement which governs.

<https://www.insight.com/terms-and-policies>

AWARD BID FOR WTP EMERGENCY CHLORINE SCRUBBER

WHEREAS, part of the process that the Niagara Falls Water Board’s Water Treatment Plant (“WTP”) uses to produce safe drinking water is disinfection using gaseous chlorine which is received and stored in one-ton cylinders; and

WHEREAS, the WTP is equipped with an emergency scrubber system that is designed to contain and neutralize chlorine vapors in response to a gas leak or catastrophic cylinder failure; and

WHEREAS, the existing chlorine scrubber system is original to the WTP, is showing signs of age-related deterioration, and now requires replacement in order to insure proper functioning in the event of an emergency; and

WHEREAS, the existing emergency scrubber uses liquid sodium hydroxide solution, also referred to as caustic, to neutralize chlorine vapors; and

WHEREAS, the liquid sodium hydroxide scrubber system requires significant maintenance and upkeep due to the tendency of that chemical to leak from pumps, valves, and fittings; and

WHEREAS, the caustic solution used by the current scrubber itself is a hazardous compound which must be properly handled during certain maintenance activities and in connection with periodic emptying for tank inspections and refilling to maintain proper potency; and

WHEREAS, Water Board staff reviewed the available options for a replacement scrubber, and determined that changing to a dry scrubber technology has numerous advantages, including reduced maintenance requirements because they have fewer moving parts and fittings and eliminating the need to handle the hazardous chemical required by a liquid scrubber; and

WHEREAS, the emergency chlorine scrubber replacement has been part of the Water Board’s capital planning, and the Water Board applied for and obtained grant funds and subsidized financing to defray part of the cost of the scrubber replacement project as part of Drinking Water State Revolving Fund (“DWSRF”) Project No. 18587; and

WHEREAS, dry media chlorine scrubbers are as effective as liquid scrubbers, employing adsorption and chemisorption to trap chlorine gas and to transform it into a non-hazardous substance; and

WHEREAS, with the assistance of CPL as its engineers, the Water Board solicited bids from contractors to remove and dispose of the existing emergency chlorine gas scrubber and the liquid sodium hydroxide contained therein and to furnish and install a new, dry-media type emergency chlorine gas scrubber; and

WHEREAS, three bids were received, and with the apparent low bid from John W. Danforth Company, totaling \$558,400; and

WHEREAS, CPL and Water Board staff have reviewed the bids and recommend awarding the bid to John W. Danforth Company as the lowest qualified and responsible bidder; and

WHEREAS, John W. Danforth Company was not required to submit with its bid its plan to meet Minority and Women Business Enterprise (“MWBE”) and Service-Disabled Veteran Owned Businesses (“SDVOB”) utilization goals, and as such the bid award should be contingent on that bidder meeting these requirements to the satisfaction of the Environmental Facilities Corporation as administrator of the DWSRF program;

NOW THEREFORE BE IT

RESOLVED, that on behalf of the Niagara Falls Water Board, its Executive Director hereby is authorized to contract with the John W. Danforth Company, to remove and dispose of the Water Treatment Plant’s existing emergency chlorine gas scrubber and the liquid sodium hydroxide contained therein and to furnish and install a new, dry-media type emergency chlorine gas scrubber, for a total amount not to exceed that firm’s base bid of \$558,400, with execution of a contract for that work to be contingent upon that firm satisfactorily meeting the applicable MWBE, SDVOB, and EFC requirements for the project.

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

Water Board Budget Line or Capital Plan Item with Funds for this Resolution:
Capital Line: WTP-6.1, WTP Chlorine System Upgrades
Budget Line Supplied by: D. Williamson
Available Funds Confirmed by: B. Majchrowicz

On March 4, 2024, the question of the adoption of the foregoing Resolution was duly put to a vote on roll call, which resulted as follows:

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

Signed By:

Vote Witnessed By:

Nicholas J. Forster, Chairman

Sean W. Costello, Secretary to Board



February 22, 2024

Michael S. Eagler Sr.
Acting Executive Director
Niagara Falls Water Board
5815 Buffalo Avenue
Niagara Falls, New York 14304

RE: **NIAGARA FALLS WATER BOARD
EMERGENCY CHLORINE GAS SCRUBBER REPLACEMENT
DWSRF #18587, NFWB NO. 20240001, CPL PROJECT NO. R20.14143.03
BID RECOMMENDATION**

Dear Mr. Eagler:

We have completed our review of the bids received on February 21, 2024 for the above referenced project. A summary of the bids is provided below, and a copy of our bid tabulation is enclosed for your information and review.

Contractor	Base Bid
John W. Danforth Company	\$558,400.00
Camteck Plumbing and Mechanical	\$589,000.00
Hohl Industrial Services, Inc.	\$613,000.00

The apparent low bidder is John W. Danforth Company, with a base bid price of \$558,400.00.

JW Danforth. is an established, local contracting firm that has worked on infrastructure improvement projects in the surrounding areas. Further, John W. Danforth Company has worked for the Water Board recently on the below projects related to the sewer plant \$27 million improvement project.

- Project 2 Gorge Pump Station Rehabilitation
- Project 7 HVAC Equipment Replacement
- Project 11 Gorge Elevator Upgrade



Michael S. Eagler
Niagara Falls Water Board
February 22, 2024
Page 2 of 2

Based on our review of submitted bids and the low bidder qualifications, we recommend that the Niagara Falls Water Board award the Base Bid to John W. Danforth Company in the amount of \$558,400.00 contingent upon MWBE compliance and NYS EFC approval of bidding documents.

If you have any questions or require any additional information, please contact me at (716) 880-1256.

Very truly yours,

CPL

Seth L. Krull, P.E.
Project Engineer

cc:

BID TABULATION SHEET														
PROJECT NAME:		WTP Chlorine Scrubber Replacement Project # 20240001										CONTRACT FOR:		Niagara Falls Water Board
CPL PROJECT NO.:		14143.02										DATE:		2/21/2024 3:00pm
CONTRACTOR	Signed	Bid Bond	Insurance	List of Subcontractors	List of Suppliers	References	Do Business in NYS	Non Collusive	Sexual Harassment	Statement of Qualifications	Lobbying Cert Form	AIS Certification Form	Addendum 1	Base Bid
John W. Danforth Company	X	X	X	X	X	X	X	X	X	X	X	X	X	\$558,400.00
Camteck Plumbing and Mechanical	X	X	X	X	X	X	X	X	X	X	X	X	X	\$589,000.00
Hohl Industrial Services, Inc.	X	X	X	X	X	X	X	X	X	X	X	X	X	\$613,000.00

Niagara Falls Water Board
WTP Chlorine Scrubber Replacement Project # 20240001
Detailed Bid Tabulation
CPL 14143.02
Prepared: 2/22/24

Item No.	Description	Unit	Quantity	John W. Danforth Company		Camteck Plumbing and Mechanical		Hohl Industrial Services, Inc.	
				Bid Unit Price	Bid Amount	Bid Unit Price	Bid Amount	Bid Unit Price	Bid Amount
1	Supply & Install New Chlorine Scrubber	LS	1	\$473,400.00	\$473,400.00	\$405,000.00	\$405,000.00	\$506,300.00	\$506,300.00
2	Removal & Disposal of NaOH Sodium Hydroxide	Gal	200	\$150.00	\$30,000.00	\$320.00	\$64,000.00	\$100.00	\$20,000.00
3	Removal & Disposal of existing Chlorine Scrubber	LS	1	\$35,000.00	\$35,000.00	\$100,000.00	\$100,000.00	\$66,700.00	\$66,700.00
4	Contingency Allowance	LS	1	\$20,000.00	\$20,000.00	\$20,000.00	\$20,000.00	\$20,000.00	\$20,000.00
Total					\$558,400.00		\$589,000.00		\$613,000.00

**AUTHORIZING SETTLEMENT OF PERSONAL-INJURY LITIGATION
WITH WILLIAM LOBIANCO**

WHEREAS, on or about June 28, 2017, following the service of a notice of claim, William Lobianco filed a lawsuit against the Niagara Falls Water Board seeking to recover for personal injuries allegedly resulting from the Water Board's negligence; and

WHEREAS, Mr. Lobianco alleges that on January 11, 2017 he stepped off the curb while walking on Memorial Parkway and fell into an uncovered catch basin, injuring his spine, back, knee, and shoulder; and

WHEREAS, the Water Board denies all negligence, fault, and responsibility for Mr. Lobianco's accident, but the cost of proceeding to the trial of this matter in April 2024, including the costs associated with necessary testimony from an expert medical witness, an expert witness on catch basin maintenance, and attorneys' fees, will exceed the \$40,000 cost to settle this case; and

WHEREAS, resolving Mr. Lobianco's claim at this juncture for less than the cost of further litigation also eliminates the uncertainty of trial, and is in the Water Board's best interests;

* CONTINUED ON NEXT PAGE *

NOW THEREFORE BE IT

RESOLVED, that the Niagara Falls Water Board be and is hereby authorized to pay the sum of \$40,000 Lipsitz Green Scime Cambria, LLP, as attorneys for William Lobianco as settlement in full of the case *Lobianco v. City of Niagara Falls et al.*, Niagara County Supreme Court Index No. E161956/2017, on the condition that Mr. Lobianco executes a general release acknowledging that no party admits fault for the underlying incident.

Water Board Personnel Responsible for Implementation of this Resolution:
General Counsel

Water Board Budget Line or Capital Plan Item with Funds for this Resolution:
GA.1930.0000.0449.599, Judgments and Claims, \$20,000
GA.1990.0000.0499.599, Contingency Account, \$20,000
Budget Lines Provided by: B. Majchrowicz
Available Funds Confirmed by: B. Majchrowicz

On March 4, 2024, 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

**AUTHORIZING CPL ENGINEERING SERVICES FOR REPLACEMENT OF
ADDITIONAL SECTION OF 77TH STREET WATER MAIN**

WHEREAS, in 2018 the Niagara Falls Water Board was awarded a grant for water main and lead serve line replacements on five City streets; and

WHEREAS, the Water Board previously retained CPL to perform the required engineering design, bidding, construction administration, and construction inspection services for the planned water main and lead service line replacements on 77th Street; and

WHEREAS, the original scope of the 77th Street water main replacement project assigned to CPL was from Frontier Avenue to Niagara Falls Boulevard; and

WHEREAS, during design, CPL was provided with record plans from a 2002 project that replaced the 77th Street water main from Buffalo Avenue to Stephenson Avenue; and

WHEREAS, the original scope of work assigned to CPL would have left a 500-foot section of aged water main in place between the 2002 main replacement which ended at Stephenson Avenue and the 2024 main replacement that originally was planned to end at Frontier Avenue, with much of that length of aged pipe running under the LaSalle Expressway; and

WHEREAS, Water Board staff believe that expanding the scope of the 77th Street water main replacement to include the section running under LaSalle Expressway is prudent and desirable; and

WHEREAS, CPL has presented a proposal dated January 19, 2024 to add the 500-foot section of 77th Street water main running under LaSalle Expressway to the scope of work it previously was awarded; and

WHEREAS, approximately one-half the cost of this project will be reimbursable under a grant pursuant to Drinking Water State Revolving Fund Project 18588, with the remainder of the project costs financed through the Environmental Facilities Corporation (“EFC”);

* CONTINUED ON NEXT PAGE *

NOW THEREFORE BE IT

RESOLVED, that the Niagara Falls Water Board hereby authorizes the Executive Director to accept CPL’s January 19, 2024 proposal to add to the scope of work for 77th Street water main replacement previously approved by Water Board resolution 2021-06-004 the replacement of an additional section of water main running from Stephenson Avenue to Frontier Avenue, approximately 500 feet in length, for an additional engineering services fee of \$14,200, with the total approved for CPL’s services in connection with the 77th Street water main replacement project now not to exceed \$174,000.

Water Board Personnel Responsible for Implementation of this Resolution:

Executive Director

Water Board Budget Line or Capital Plan Item with Funds for this Resolution:

Draft CIP Item No. W-11, 77th Street Main –
Frontier Avenue to Niagara Falls Blvd.
Capital Line Supplied by: D. Williamson
Available Funds Confirmed by: D. Williamson

On March 4, 2024, 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



January 19, 2024

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

**RE: Proposal for Additional Professional Engineering Services
77th Street Water Reconstruction**

Dear Chairman Forster:

Our office has been preparing design documents for 77th Street watermain reconstruction per our June 1, 2021 proposal and approved by Resolution #2021-06-004.

The work scope has been defined as replacing main along 77th Street from Frontier Avenue to Niagara Falls Boulevard. This work scope is consistent with your Capital Improvement Plan and 2018 Engineering Report which are attached. A new 8 inch watermain will be installed in this work area.

In preparing the design documents with Water Board staff, it was noted that replacement of main along 77th Street from Buffalo Avenue to Stephenson Avenue occurred in 2002. This results in a 500 foot section of aged watermain underneath the LaSalle Expressway that will not be replaced by the current project. Please refer to attached Figure noting these areas.

In discussion with the Acting Executive Direction, Michael Eagler, it was noted that replacement of existing main within this 500 foot section is desired. Replacing this section of main would result in all main along 77th Street being newly installed from 2002 and 2024. Replacement of this main section is recommended as there are limited number of watermain crossings under LaSalle Expressway. Having these watermain crossings in good condition is critical to maintaining a water distribution system during normal and emergency conditions.

To incorporate the 500 foot section of main replacement into the design documents, additional fees would be required. Please find below of a summary of fees from our initial June 1, 2021 proposal and additional fees for the extra main replacement.



		Initial Fees	Additional Fees	Task Subtotal
Task 1	Design and Develop Bid Documents	\$64,910.00	\$5,000.00	\$69,910.00
Task 2	Bidding Assistance	\$12,480.00		\$12,480.00
Task 3	Construction Administration	\$13,660.00	\$2,000.00	\$15,660.00
Task 4	Construction Inspection	\$68,750.00**	\$7,200.00**	\$75,950.00**
	Total	\$159,800.00**	\$14,200.00**	\$174,000.00**

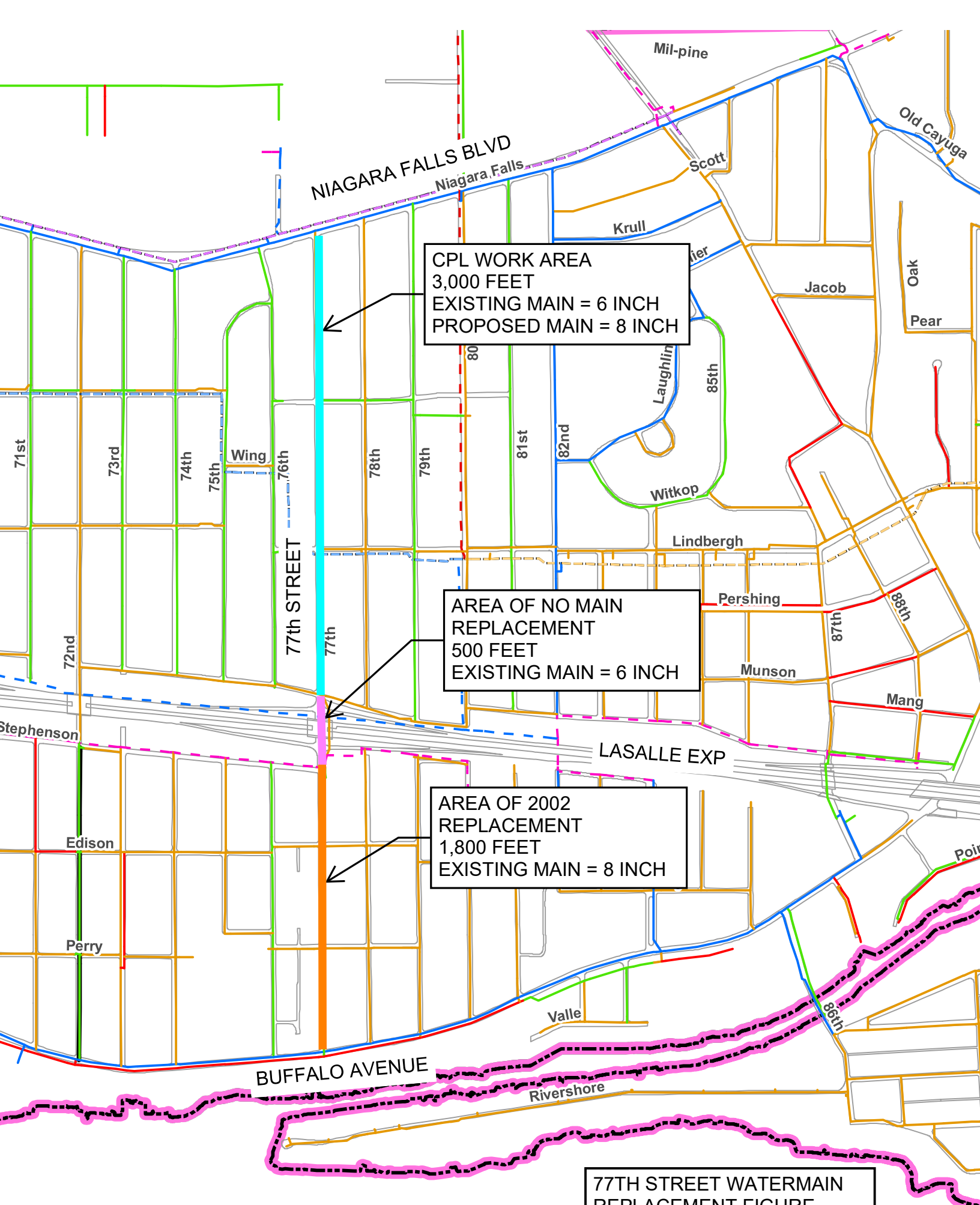
** Note that for Construction Inspection work will be billed hourly at \$90 per hour. We will bill for actual hours worked plus mileage at the federally accepted rate and miscellaneous inspection equipment that will be required.

Thank you for the opportunity to submit our qualifications. I am deeply proud of our ability to provide you with quality service at a fair rate. This is what we do, and we do it well. If you have any questions or require any additional information, please feel free to contact me via email at rhenry@cplteam.com or by phone at 716.852.2100, extension 1048.

Very truly yours,
 CPL

Richard B. Henry III, P.E.
 President

Enclosures



CPL WORK AREA
 3,000 FEET
 EXISTING MAIN = 6 INCH
 PROPOSED MAIN = 8 INCH

AREA OF NO MAIN
 REPLACEMENT
 500 FEET
 EXISTING MAIN = 6 INCH

AREA OF 2002
 REPLACEMENT
 1,800 FEET
 EXISTING MAIN = 8 INCH

77TH STREET WATERMAIN
 REPLACEMENT FIGURE

**PROJECT 1 CHANGE ORDER FOR
WWTP SEDIMENTATION BASIN NO. 2 CATWALK CONCRETE REPAIRS**

WHEREAS, the Niagara Falls Water Board (“Water Board”) contracted with Hohl Industries to perform the general contracting work required to construct a project to restore scum pumping and install fine screen, replacement of traveling bridges with chain and flight equipment, replacement of both isolation plate guides, and submersible pumping system upgrades in sedimentation basins (collectively “Project 1”), required pursuant to Order on Consent R9-20170906-129 with the New York State Department of Environmental Conservation; and

WHEREAS, the bid documents for Project 1 included estimated quantities for repairs to the existing concrete in the sedimentation basins, bid based on unit prices, as the exact extent of necessary repairs could not be determined until work was underway; and

WHEREAS, as the Project 1 work has progressed, substantial deterioration of concrete in multiple areas has been discovered, and Water Board staff and CPL as the Water Board’s engineers have identified a need to repair concrete on the catwalks of sedimentation basin No. 2 near where motorized paddle flocculators were removed and replaced with curtain baffles that promote flocculation with no required energy input in connection with an energy efficiency project completed in 2017; and

WHEREAS, Hohl Industrial Services, Inc., the general contractor for Project 1, has prepared a proposal for the required catwalk concrete repairs on basin No. 2, which also will remove elevated steel plates covering the locations where the motors for paddle flocculators previously were located; and

WHEREAS, the total cost to repair the concrete on the sedimentation basin No. 2 catwalks in the areas where the paddle flocculator motors previously were located is \$159,337.50; and

WHEREAS, if performed pursuant to a change order to Hohl’s contract for WWTP Project No. 1, this work will be pursuant to the contract for that project, which includes insurance, bonding, and warranty requirements;

* CONTINUED ON NEXT PAGE *

NOW THEREFORE BE IT

RESOLVED, that on behalf of the Niagara Falls Water Board, its Executive Director hereby is authorized to accept the January 9, 2024 proposal by Hohl Industrial Services, Inc., to repair deteriorated concrete on the catwalk area of Sedimentation Basin No. 2, as a change order to Hohl’s contract for WWTP Project No. 1 and for a total cost not to exceed \$159,337.50.

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

Water Board Budget Line or Capital Plan Item with Funds for this Resolution:
CIP Item No. WWTP-1 - Sed. Basins & Scum Collection System Modification
(SAM Grant Project ID #15688)
Capital Line Supplied by: D. Williamson
Available Funds Confirmed by: B. Majchrowicz

On March 4, 2024, 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



January 9, 2024

Niagara Falls Wastewater Treatment Plant

Subject: Sedimentation Basin #2: Catwalk plate removal and concrete repair

Dear Mr. Meyers,

Visual inspection of the concrete catwalk above the flocculation area in sedimentation basin #2 was performed by NLM crew leader and Joe Dunnworth of Schenne & Associates in late December of 2023. Severely deteriorated concrete was markup in the field with paint noting a total of (5) areas that require attention in basin 2. There is clear visual evidence of spalling, cracking, and exposed rebar in an advanced state of expansion. Notably, there is measurable horizontal deflection in the concrete ranging between (.5-.75 inch) which is an indication of localized stress.

Pricing for removal and repair by NLM are noted as #1 area and #2 area. Pricing is differentiated due to existing condition below the #2 area creating difficult access to the work area due to the pitched base of the basin below. Pricing breakdown is noted below for clarity.

Area 1: \$27,950 / per.....	(4)	\$111,800
Area 2: \$39,950 / per.....	(1)	\$39,950
Total:.....		\$151,750
Hohl Markup 5%.....		\$7,587.50
Grand total.....		\$159,337.50

Sincerely,
Dennis E. Borden

Project Manager | Hohl Industrial Services

NICHOLS LONG & MOORE CONSTRUCTION CORP.



January 8, 2024
Hohl Industrial Services, Inc.
770 Riverview Boulevard
Tonawanda, NY 14150

Attn: Dennis Borden; dborden@hohllind.com
Re: Niagara Falls Waste Water Treatment Plant
Sedimentation Basin and Scum Collection System Modifications
Additional Concrete Work
Job #179324 Rev. 4

Dennis,

As per our conversation regarding the additional concrete work, enclosed is the following breakdown:

#1 Removal of steel plates on catwalk platform above flocculation basin. Basin #2. Remove and replace concrete section (5 foot wide x 5 foot long)

\$27,950ea

Additional concrete removal and replacement at \$595.00/cf or \$595.00sf

#2 Removal of steel plates on catwalk platform above flocculation basin along building basin #2. Lower basin will be dewatered to lower screw. (Area is 5 foot wide x 5 foot long)

\$39,950ea

Additional concrete removal and replacement at \$595/lf or \$595.00/sf

Thank you for the opportunity to quote this work. Please call us should you have any questions.

Sincerely,

A handwritten signature in black ink, appearing to read 'Rick Mekelburg', written over a horizontal line.

Rick Mekelburg
Senior Project Manager











