



AGENDA

Business Meeting of the Niagara Falls Water Board May 20, 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

- d. Presentations (none scheduled)
 - e. Letters and Communications
 - i. 2024-05-06 – COVID Wastewater Surveillance Update Memorandum
 - ii. WWTP Order on Consent Q1 2024 Quarterly Progress Report
 - f. Prior Meeting Minutes
 - i. Draft April 22, 2024 Meeting Minutes
- 2. Acting Executive Director – Sean Costello
 - a. WWTP Project Budget Tracker (CPL)
 - b. WWTP Construction Schedule Tracker (CPL)
 - c. Financial Award Summary (CPL)
- 3. Operations Executive – David Conti
- 4. Outside Infrastructure Updates – David Conti
- 5. Engineering – Douglas Williamson
- 6. Personnel Items – David San Lorenzo
 - a. May 20, 2024 Personnel Actions
- 7. Information Technology (IT) – Jonathan Joyce

8. Finance – Brian Majchrowicz

- a. Revenue Budget Performance Report through 4/30/2024**
- b. Sewer Fund Expense Budget Performance Report through 4/30/2024**
- c. Water Fund Expense Budget Performance Report through 4/30/2024**
- d. Board Fund Expense Budget Performance Report through 4/30/2024**
- e. Key Bank and Bank on Buffalo Balance Report**
- f. Wilmington Trust Balance Report**
- g. Treasury Account Balance Report**
- h. Capital Payments**
- i. Budget Amendments Report**

9. Questions Regarding April 2024 Operations and Maintenance Report

10. Safety – John Accardo

11. General Counsel and Secretary – Sean Costello

12. From the Chairman

13. Resolutions

2024-05-001 – ESRI SOFTWARE RENEWAL

- a. 2024-04-20 - Esri Software License Renewal Quotation**

2024-05-002 – CHANGE ORDERS FOR WWTP PROJECT 3 CONTRACTS 3E AND 3GC CLOSEOUT

- a. 2024-04-08 - WWTP Project 3GC Change Order 3 – Credits**
- b. 2024-04-08 - WWTP Project 3E Change Order 3 - Credits**

2024-05-003 – AWARD BID FOR WATER MAIN REPLACEMENT ON 77TH STREET FROM STEPHENSON AVE TO NIAGARA FALLS BLVD

- a. 2024-05-14 - CPL Bid Award Recommendation Letter - 77th Street Water Main Replacement**
- b. Detailed Bid Tabulation - 77th Street Water Main**

2024-05-004 – AUTHORIZING NYS WATER INFRASTRUCTURE IMPROVEMENT ACT GRANT APPLICATION, OBLIGATING LOCAL MATCHING FUNDS, DECLARING INTENT TO SERVE AS SEQR LEAD AGENCY, AND SEQR TYPE II DETERMINATION FOR WATER SYSTEM IMPROVEMENTS

2024-05-005 – WWTP ORDER ON CONSENT - VISIBLE CONTRAST AND TURBIDITY

a. 2024-05-17 - NYSDEC Order on Consent R9-20230411-13

2024-05-006 – APPLICATION FOR WHA, BIL, AND WQIP FUNDING FOR WASTEWATER TREATMENT PLANT WORK TO MEET WATER QUALITY STANDARDS

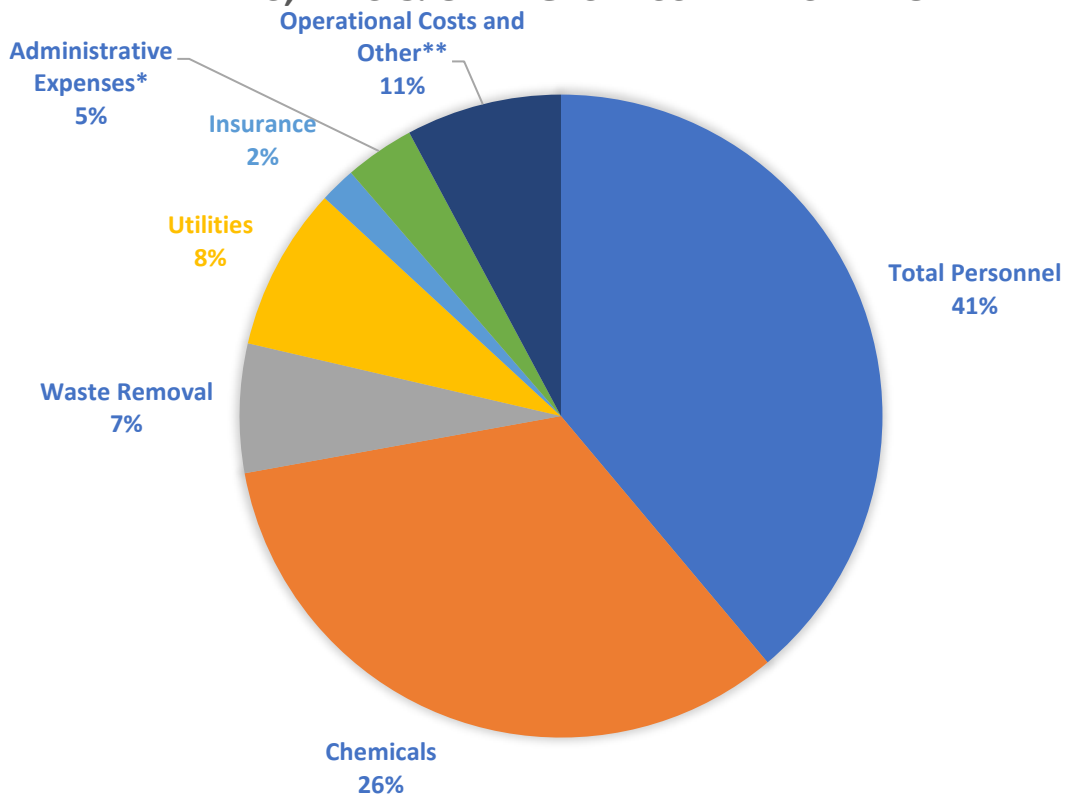
14. Unfinished/Old Business

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

COVID-19 DATA | WEBSITE

DATE: May 06, 2024

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

FROM: Daniel Ige, MPH²

RE: Niagara County Weekly Wastewater Surveillance Data Report

Collection Site	Collection Date	Detection Level	Compared to NYS	Recent Trend
Lockport	Tue Apr 16, 2024	Quantifiable detection	elevated	decreasing
	Mon Apr 15, 2024	Quantifiable detection	lesser	
	Tue Apr 09, 2024	Quantifiable detection	elevated	
	Mon Apr 08, 2024	Quantifiable detection	elevated	
Middleport	Mon, Apr 22, 2024	Not detected	lesser	decreasing
	Mon, Apr 15, 2024	Quantifiable detection	lesser	
Newfane	Tue Apr 16, 2024	Quantifiable detection	elevated	decreasing
	Tue Apr 09, 2024	Quantifiable detection	elevated	
Niagara County SD	Mon, Apr 22, 2024	Quantifiable detection	elevated	increasing
	Thu, Apr 18, 2024	Quantifiable detection	lesser	
	Mon, Apr 15, 2024	Quantifiable detection	lesser	
Niagara Falls	Mon, Apr 22, 2024	Quantifiable detection	lesser	decreasing
	Tue Apr 09, 2024	Quantifiable detection	elevated	
Somerset-Barker SD	Wed Apr 10, 2024	Quantifiable detection	lesser	N/A

There is an expected 7-day rolling average of 0.16 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 Contact me if you have any questions or concerns (862-243-0654 or dige@cdcfoundation.org)

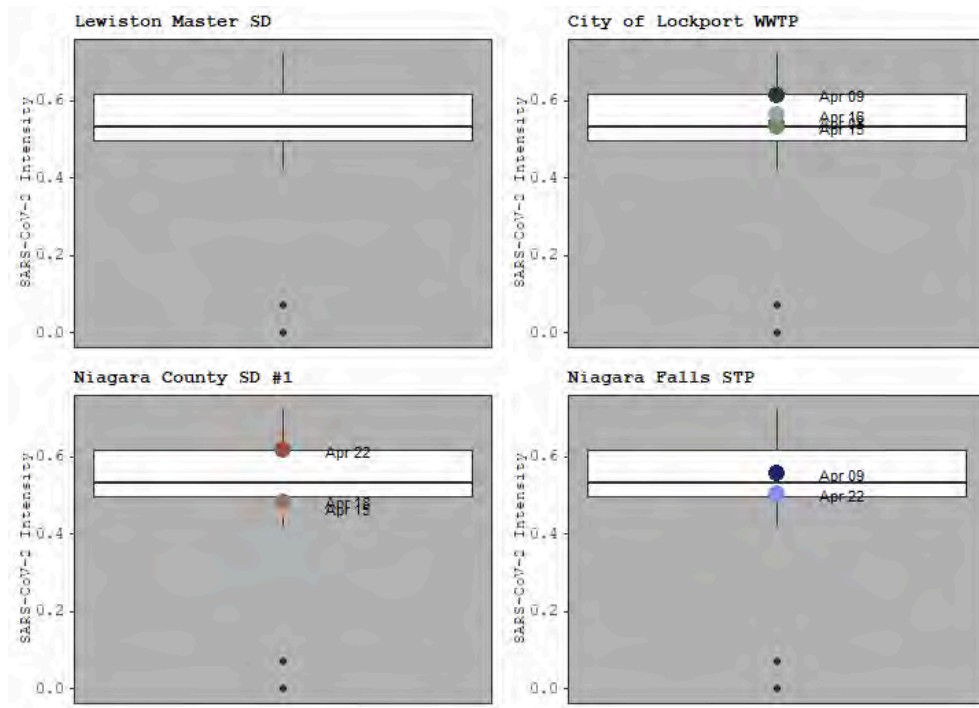


Figure 1: Observed levels of SARS-CoV-2 intensity at each of the Niagara County influents compared to influents that are sampled by the University at Buffalo.³

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 sampled by the University at Buffalo (Erie and Niagara Counties). 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 influents that are sampled by the University at Buffalo (Erie and Niagara Counties). The concentration of SARS-CoV-2 is normalized by population, $\ln(\text{SARS-CoV-2})/\ln(\text{PMMoV})$, to give overall intensity.

Lewiston	N/A	N/A
Lockport	Tue Apr 16, 2024	elevated
	Mon Apr 15, 2024	lesser
	Tue Apr 09, 2024	elevated
	Mon Apr 08, 2024	elevated
Niagara County SD	Mon, Apr 22, 2024	elevated
	Thu, Apr 18, 2024	lesser
	Mon, Apr 15, 2024	lesser
Niagara Falls	Mon, Apr 22, 2024	lesser
	Tue Apr 09, 2024	elevated

³ We updated this figure to only show University at Buffalo influents because of the differences in laboratory methods. University at Buffalo has a more sensitive lab method than some of the other lab partners, making samples from Erie and Niagara influents look artificially inflated in comparison.

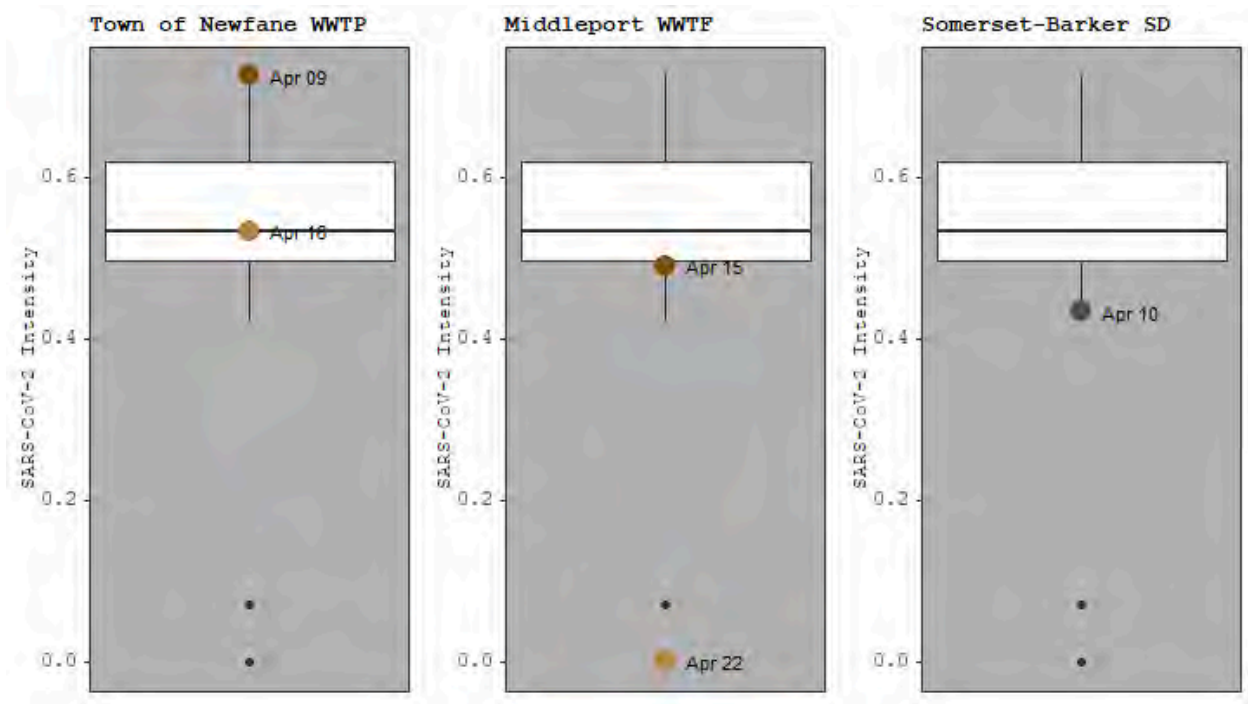


Figure 2: Observed levels of SARS-CoV-2 intensity at each of the Niagara County influents compared to counties that are sampled by the University at Buffalo. (continued)

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 sampled by the University at Buffalo (Erie and Niagara County). 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 wastewater treatment facilities sampled by the University at Buffalo (Erie and Niagara County). The concentration of SARS-CoV-2 is normalized by population, $\ln(\text{SARS-CoV-2})/\ln(\text{PMMoV})$, to give overall intensity.

Newfane	Tue Apr 16, 2024	elevated
	Tue Apr 09, 2024	elevated
Middleport	Mon, Apr 22, 2024	lesser
	Mon, Apr 15, 2024	lesser
Somerset-Barker SD	Wed Apr 10, 2024	lesser

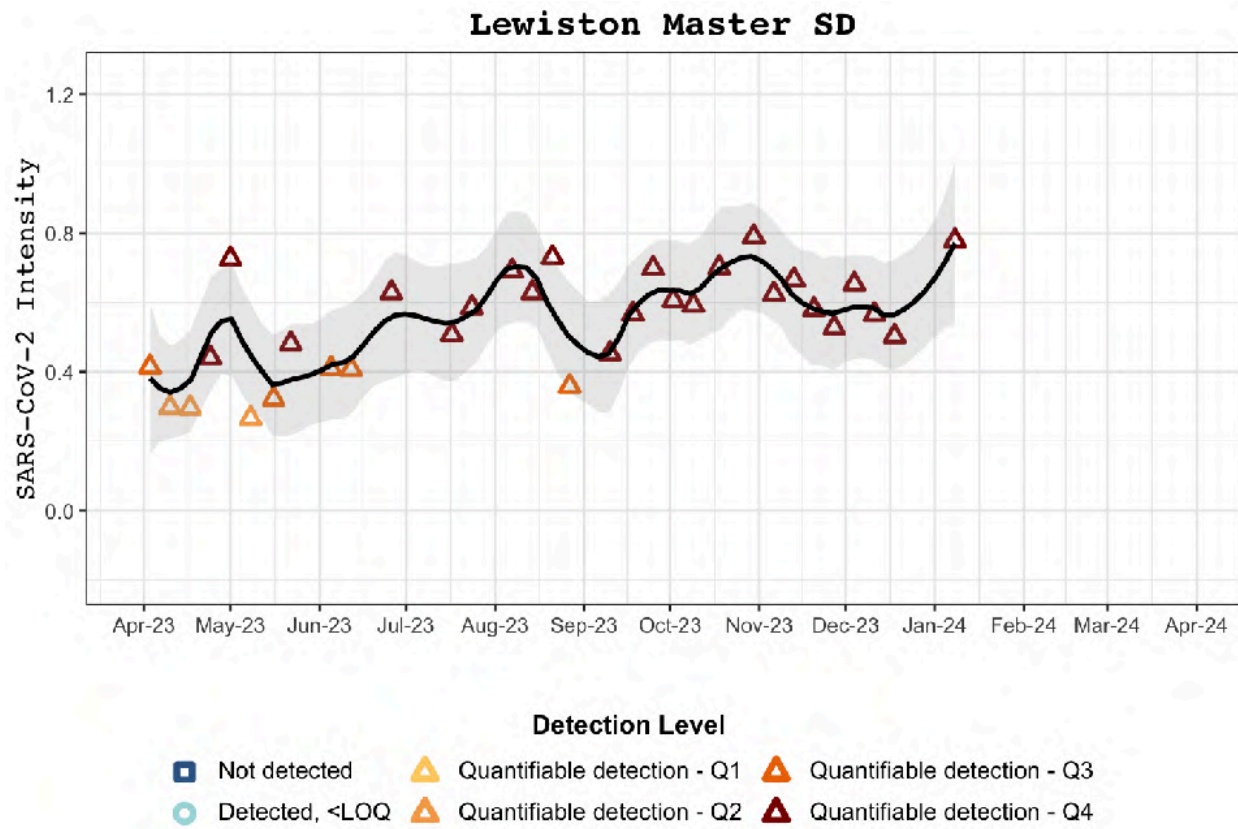


Figure 3: SARS-CoV-2 intensity over time at the Lewiston Master influent.

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. One-month trend lines are color coded to show increasing (red), stable (brown), and decreasing (blue) trends (when available).

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.

The most recent sample collected on 2024-03-06 had a level of quantifiable detection. Due to the absence of recent sample data, an inference cannot be made on the current trend.

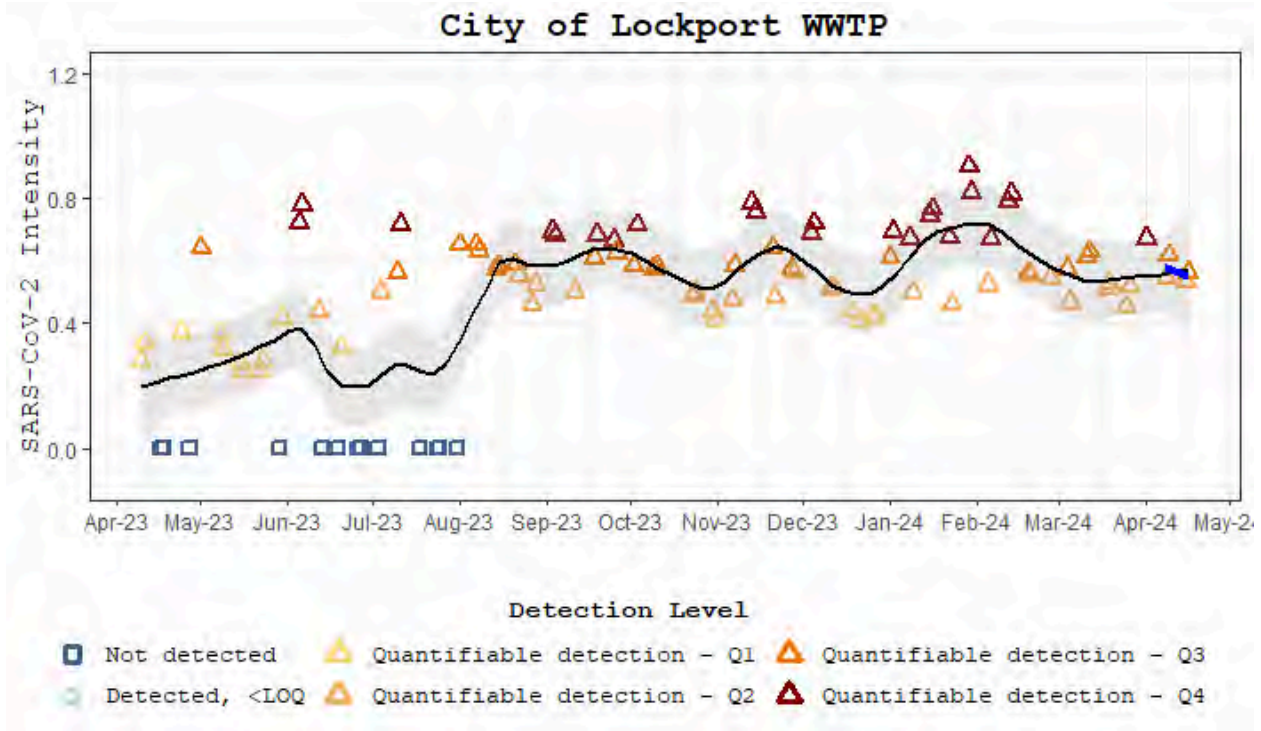


Figure 4: SARS-CoV-2 intensity over time at the City of Lockport influent.

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. One-month trend lines are color coded to show increasing (red), stable (brown), and decreasing (blue) trends (when available).

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The recent trend, represented by the colored, overlaid line shows the population served by the City of Lockport influent is experiencing a decreasing trend. This would mean that the population could expect lesser daily COVID-19 cases in the coming weeks, if this trend continues.

- The most recent sample had a level of quantifiable detection, suggesting daily case incidence of more than 50 cases per 100,000 people.

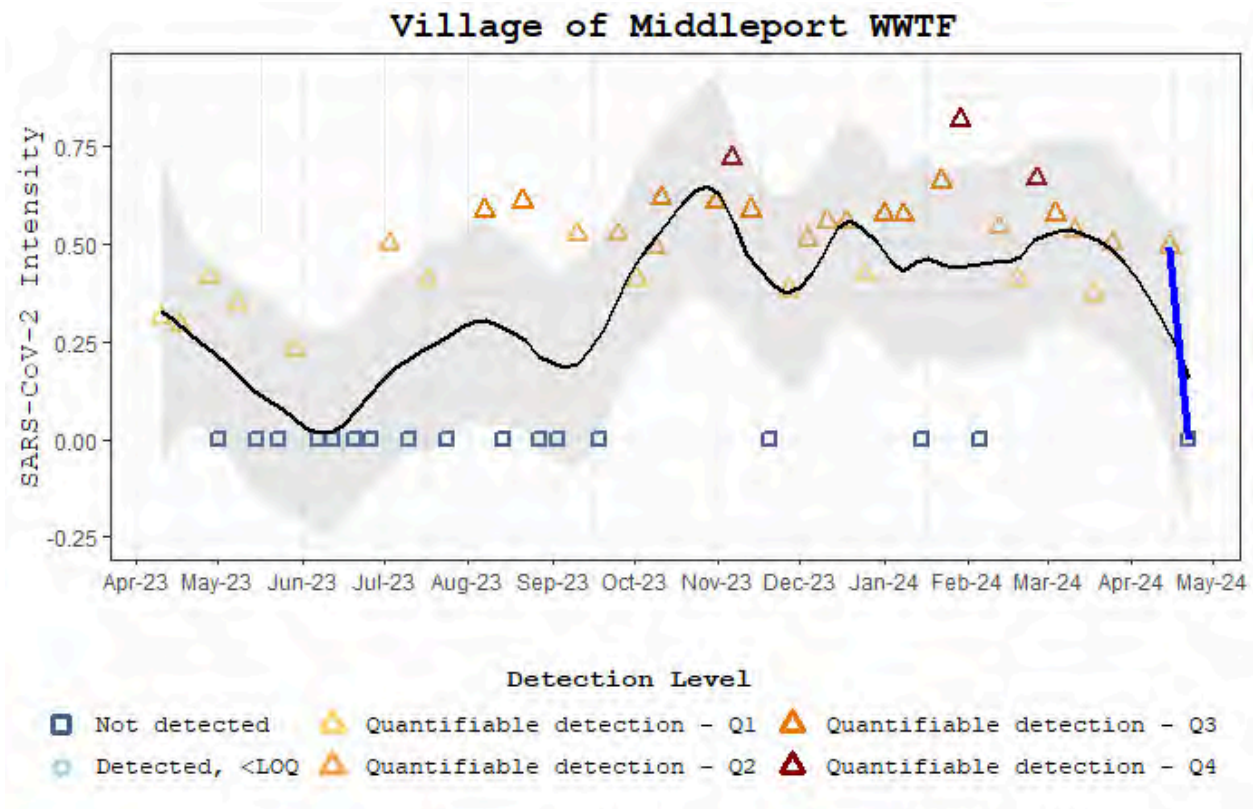


Figure 5: SARS-CoV-2 intensity over time at the Village of Middleport influent.

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. One-month trend lines are color coded to show increasing (red), stable (brown), and decreasing (blue) trends (when available).

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The recent trend, represented by the colored, overlaid line shows the population served by the City of Lockport influent is experiencing a decreasing trend. This would mean that the population could expect lesser daily COVID-19 cases in the coming weeks, if this trend continues.

- The most recent sample had a level of non-detection, suggesting daily case incidence of less than 10 cases per 100,000 people.

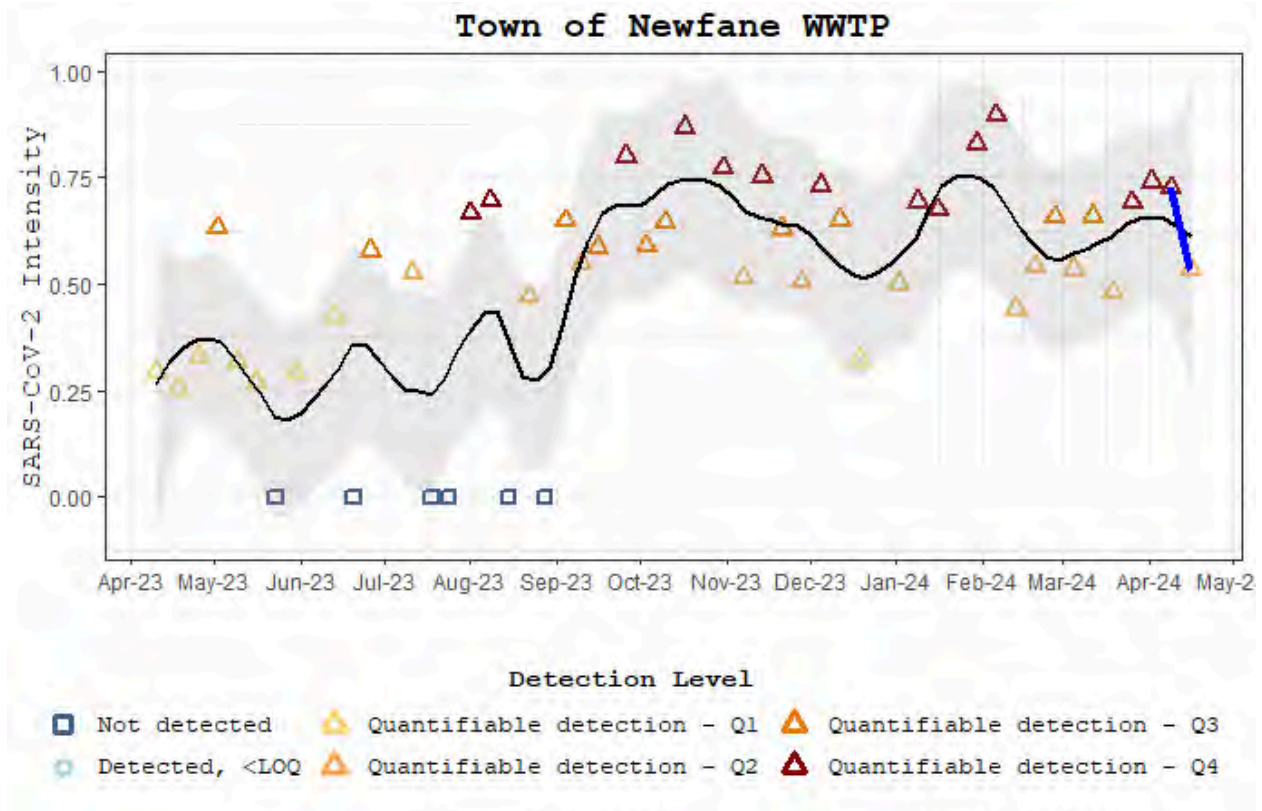


Figure 6: SARS-CoV-2 intensity over time at the Town of Newfane influent.

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. One-month trend lines are color coded to show increasing (red), stable (brown), and decreasing (blue) trends (when available).

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The recent trend, represented by the colored, overlaid line shows the population served by the Town of Newfane influent is experiencing a decreasing trend. This would mean that the population could expect lesser daily COVID-19 cases in the coming weeks, if this trend continues.

- The most recent sample had a level of quantifiable detection, suggesting daily case incidence of more than 50 cases per 100,000 people.

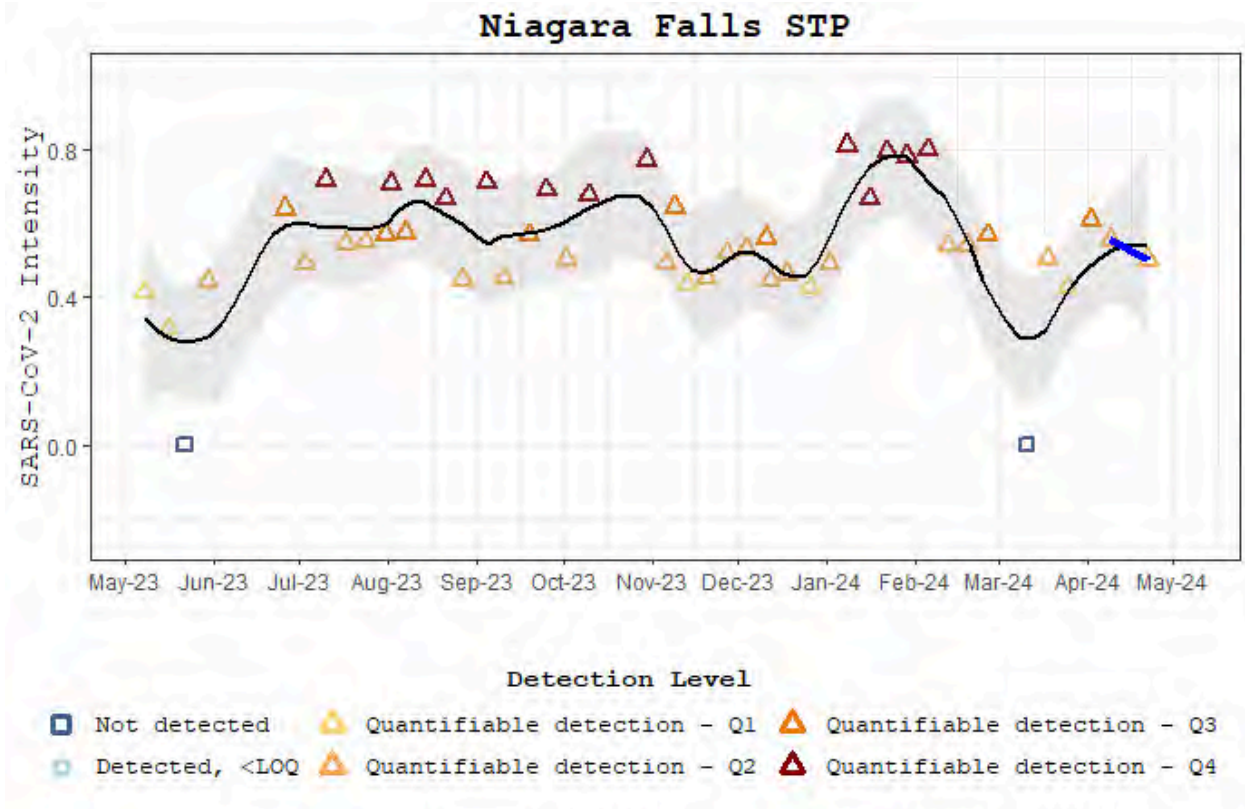


Figure 7: SARS-CoV-2 intensity over time at the Niagara Falls influent.

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. One-month trend lines are color coded to show increasing (red), stable (brown), and decreasing (blue) trends (when available).

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The recent trend, represented by the colored, overlaid line shows the population served by the Niagara Falls STP 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 more than 50 cases per 100,000 people.

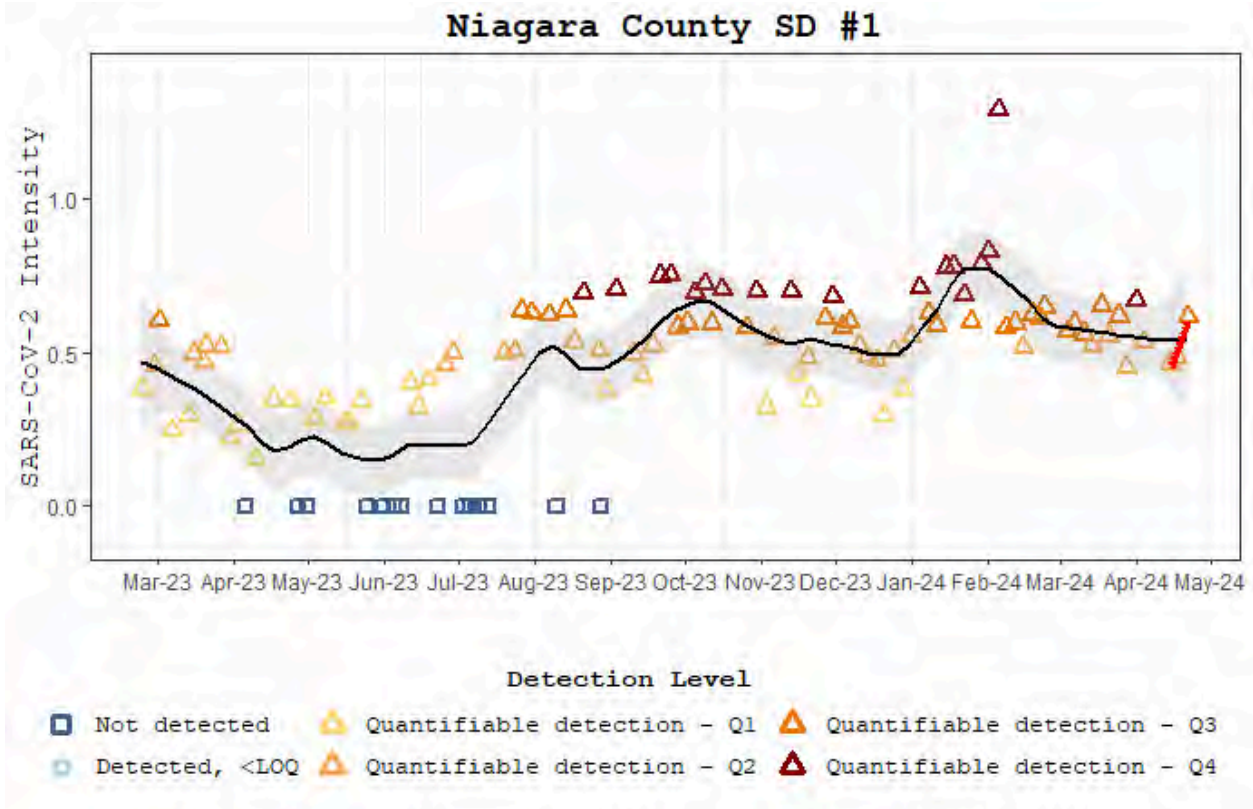


Figure 8: SARS-CoV-2 intensity over time at the Niagara County SD #1 influent.

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. One-month trend lines are color coded to show increasing (red), stable (brown), and decreasing (blue) trends (when available).

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The recent trend, represented by the colored, overlaid line shows 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 more than 50 cases per 100,000 people.

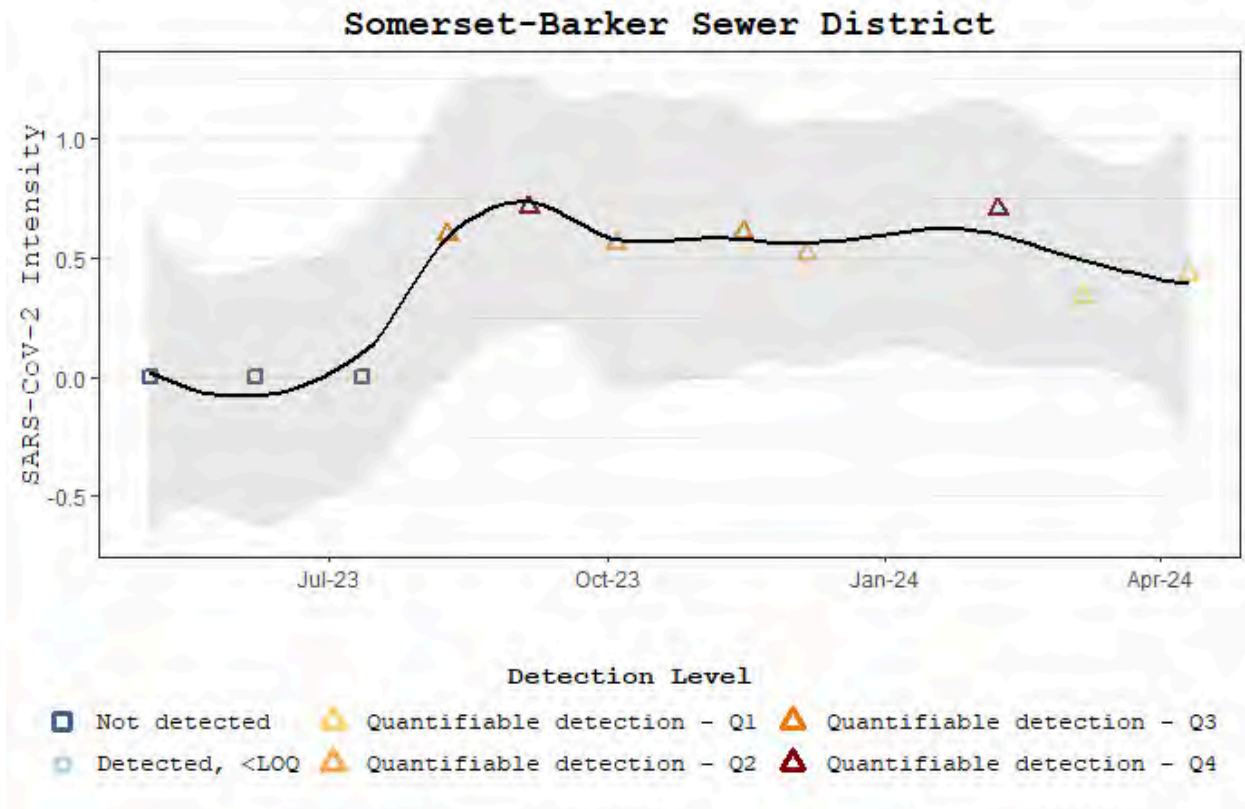


Figure 9: SARS-CoV-2 intensity over time at the Somerset-Barker Sewer District influent.

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. One-month trend lines are color coded to show increasing (red), stable (brown), and decreasing (blue) trends (when available).

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Due to insufficient number of recent sample data, an inference cannot be made on the current trend.

- The most recent sample had a level of **quantifiable detection**, suggesting daily case incidence of **more than 50** cases per 100,000 people.

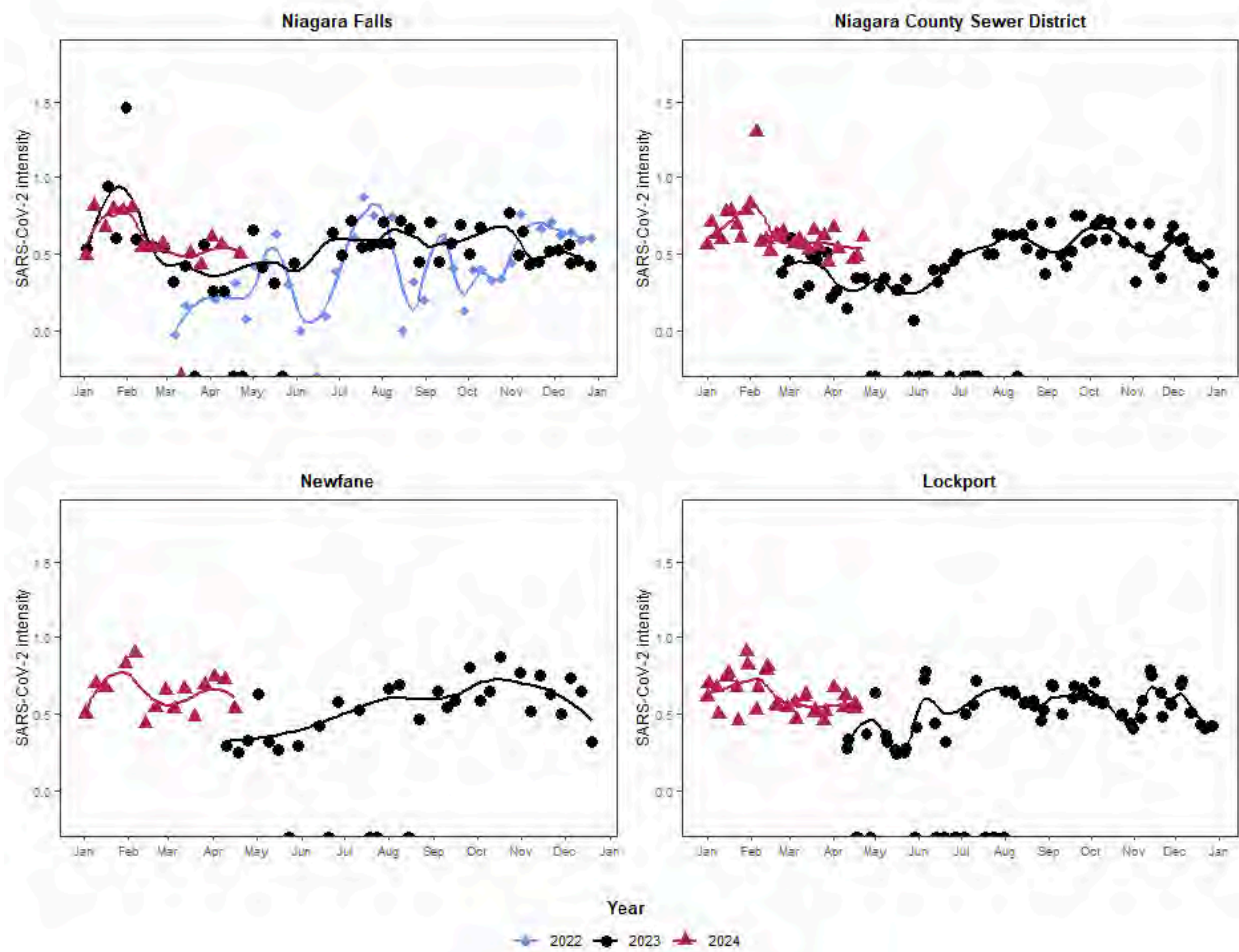


Figure 10: Annual comparison of SARS-CoV-2 intensity for each of the Niagara County sites sampling beyond one year (1 of 2)

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 **higher** for 2024 when compared to the previous year.
- Note, that the intensity for the Niagara County Sewer District influent is **higher** for 2024 when compared to the previous year.
- Note, that the intensity for the Newfane WWTP influent is **higher** for 2024 when compared to the previous year.
- Note, that the intensity for the Lockport WWTP influent is **higher** for 2024 when compared to the previous year.

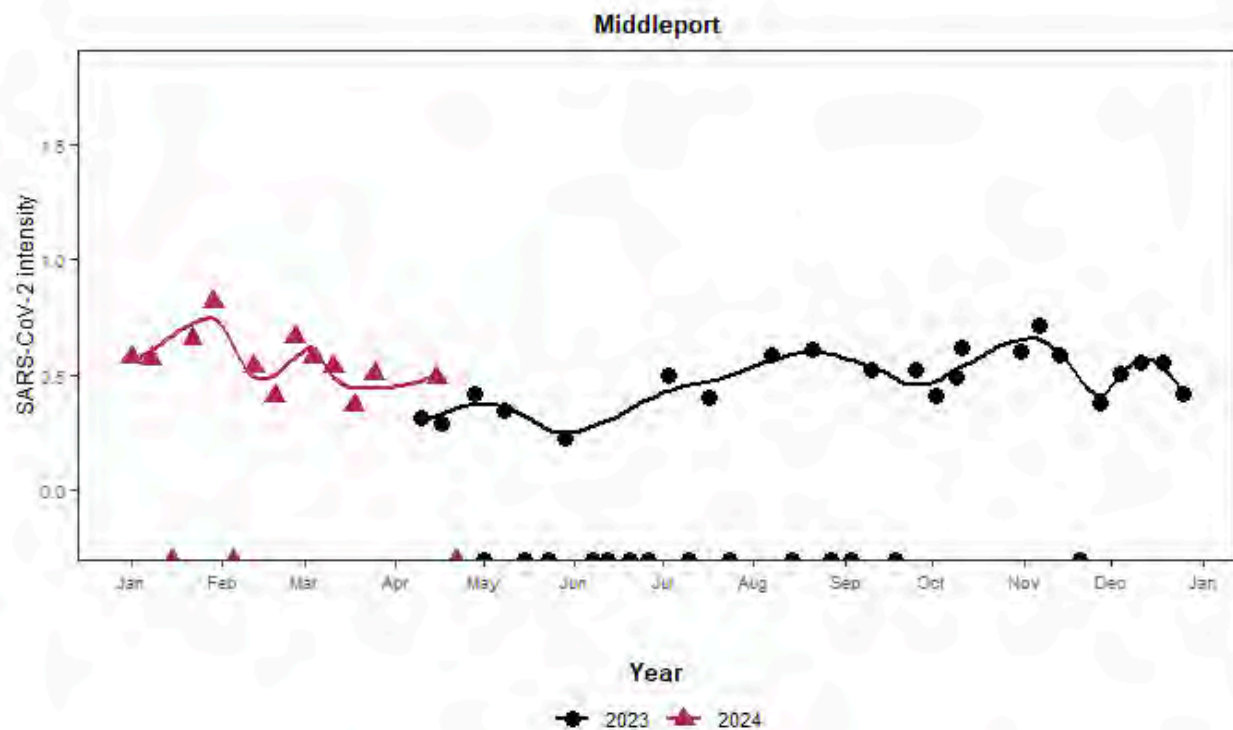


Figure 11: Annual comparison of SARS-CoV-2 intensity for each of the Niagara County sites sampling beyond one year (2 of 2)

- Note, that the intensity for the Middleport WWTF influent is **higher** for 2024 when compared to the previous year.

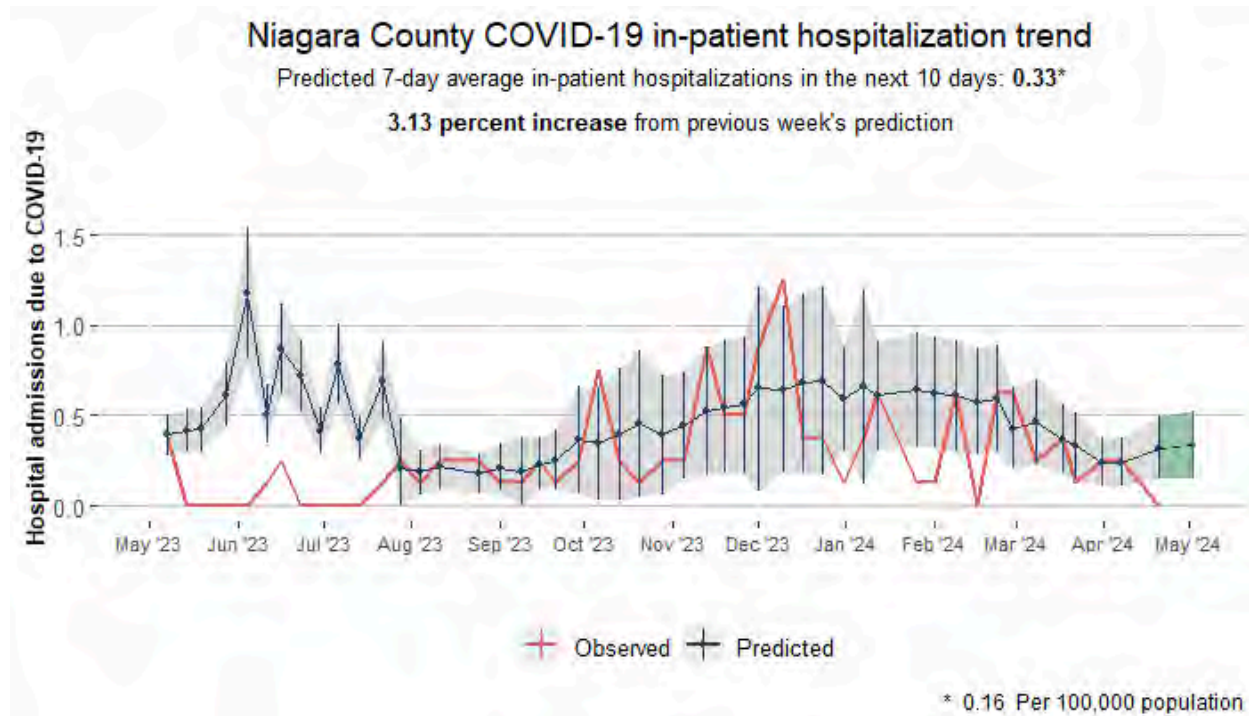


Figure 12: Observed and predicted COVID-19 attributed hospitalization trends for Niagara County.

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, Mar 03, 24 to Sun, Apr 07, 24		
Label	Sewershed	Variants Found
Variant of concern	Lockport	JN.1; JN.1.11.1; JN.1.16; JN.1.18; JN.1.7; JN.1.8.1; KP.2; KQ.1
Variant of interest	Lockport	JN.1.11.1; JN.1.18; JN.1.7; KP.2
Variant of concern	Niagara County Sewer District	JN.1; JN.1.11.1; JN.1.13; JN.1.13.1; JN.1.16; JN.1.18; JN.1.7; JN.1.8.1; KQ.1
Variant of interest	Niagara County Sewer District	JN.1.13.1
Variant of concern	Niagara Falls	JN.1; JN.1.16; JN.1.18; JN.1.7; JN.1.8.1; KP.2; KQ.1
Variant of interest	Niagara Falls	JN.1.16; JN.1.18
Variant of concern	Somerset-Barkert Sewer District	JN.1.16; JN.1.18
Variant of interest	Somerset-Barkert Sewer District	JN.1
Variant of concern	Town of Newfane Sewer District	JG.3; JN.1; JN.1.11.1; JN.1.13.1; JN.1.18; JN.1.7; JN.1.8.1; KP.2; KQ.1
Variant of interest	Town of Newfane Sewer District	JN.1; JN.1.11.1
Variant of concern	Village of Middleport	JN.1; JN.1.18; JN.1.7; JN.1.8.1; KQ.1
Variant of interest	Village of Middleport	JN.1
Variants found throughout state from 2024-03-03 to 2024-04-14: B.1.1.529, BA.2.86, BA.5, EG.5, HV.1, JD.1.1, JG.3, JN.1, JN.1.11.1, JN.1.13, JN.1.13.1, JN.1.16, JN.1.18, JN.1.7, JN.1.8.1, KP.1.1, KP.2, KQ.1, XBB		

Figure 13: County level variants under monitoring table in the last six weeks

This table shows variants currently monitored by various public health organizations. Variant name, source of information (below), 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. The dates in the figure may not match the most recent sampling dates in the county if variants that are being monitored by the CDC and WHO were not found in the county's sewersheds.

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

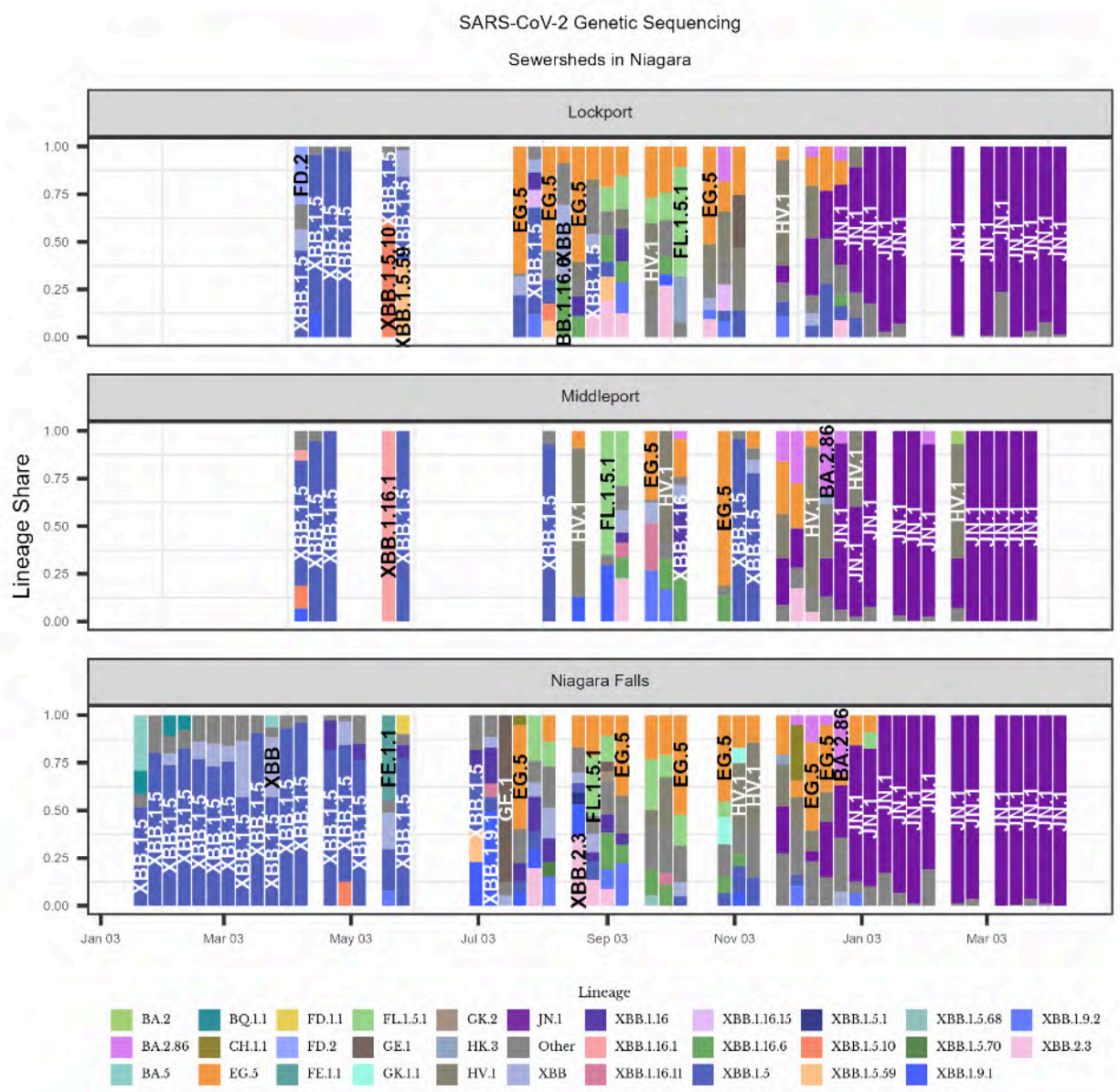


Figure 14: Sewershed level of SARS-CoV-2 genetic sequencing throughout time
 Each bar shows the relative abundance of SARS-CoV-2 lineages during a sample collection date. Lineages with an abundance of at least 30% are labeled on the bar sections with the lineage name. The color of the bar corresponds 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	2024-04-07	JN.1	99%
Middleport	2024-03-24	JN.1	99%
Niagara Falls	2024-04-07	JN.1	100%

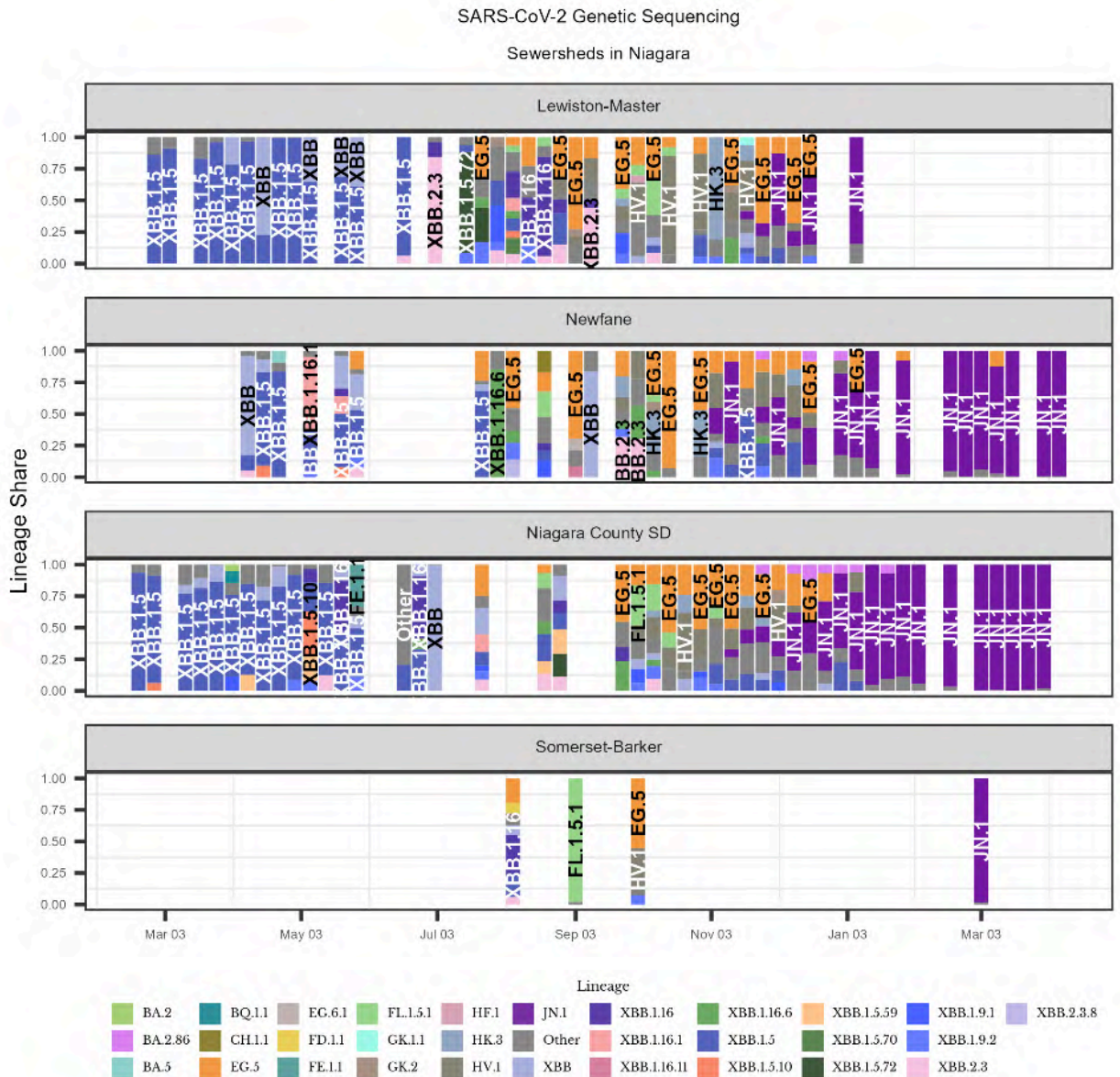


Figure 15: Sewershed level of SARS-CoV-2 genetic sequencing throughout time (continued)
Each bar shows the relative abundance of SARS-CoV-2 lineages during a sample collection date. Lineages with an abundance of at least 30% are labeled on the bar sections with the lineage name. The color of the bar 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
Lewiston-Master	2024-01-07	JN.1	84%
Newfane	2024-04-07	JN.1	99%
Niagara County SD	2024-03-31	JN.1	98%
Somerset-Barker	2024-03-03	JN.1	98%

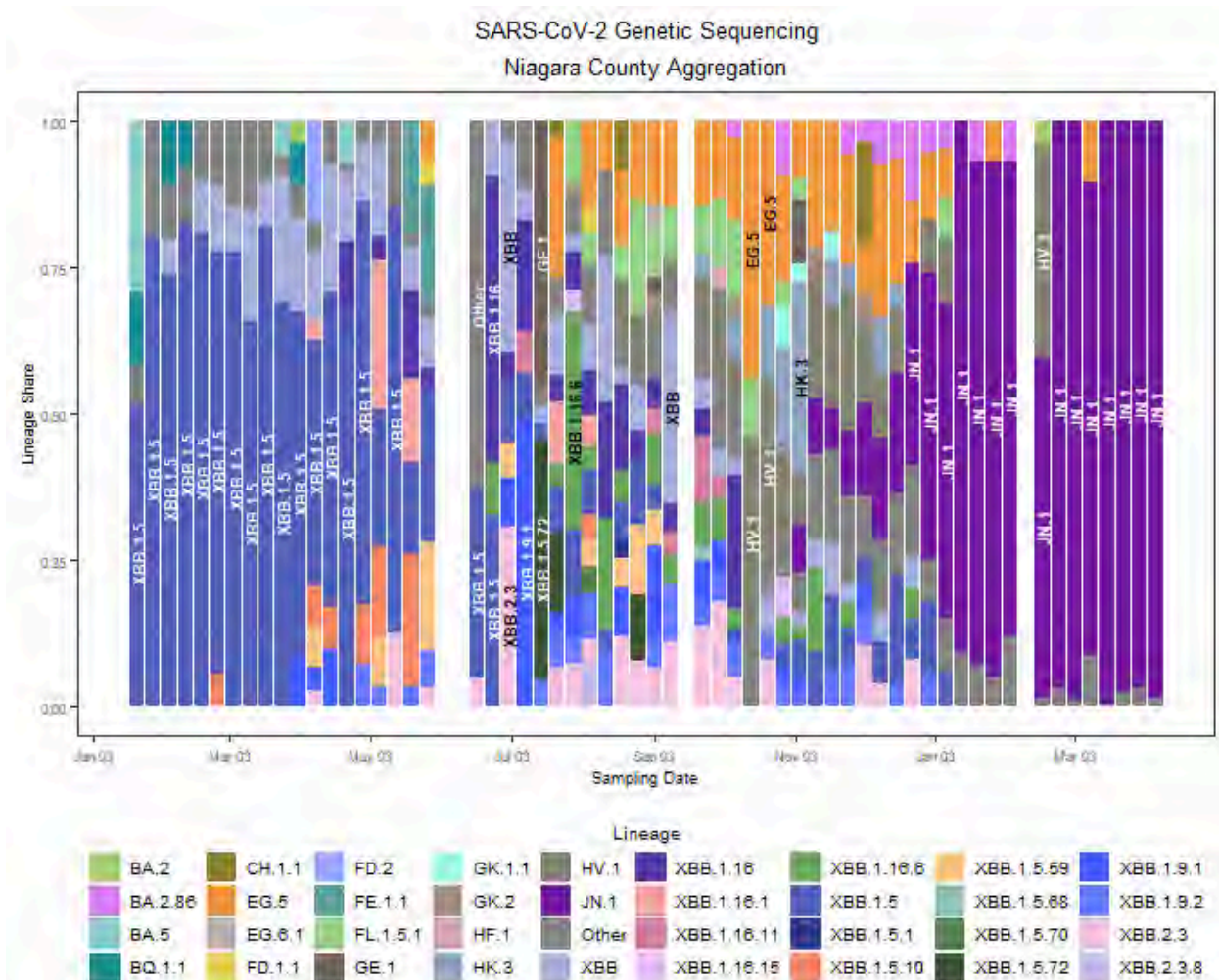


Figure 16: County aggregation of SARS-CoV-2 genetic sequencing throughout time

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 04/07/2024 showed the lineage with the highest abundance was JN.1 (~99%)

Q1 2024 Quarterly Progress Report

Niagara Falls Water Board

Order on Consent R9-20170906-129

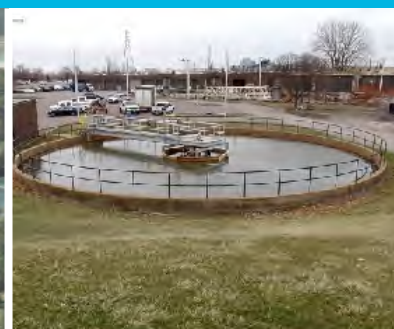
Prepared for submission to:

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

April 30, 2024



Q1 2024 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,

April 30, 2024

**Niagara Falls Water Board Order on Consent R9-20170906-129
Q1 2024 Quarterly Progress Report**

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

Q1 2024 Quarterly Progress Report

April 30, 2024

Executive Summary

This document is the twenty fifth (25th) 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 January 1, 2024 through March, 2024.

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 two exceptions for alpha-BHC (alpha-Hexachlorocyclohexane) in January and February 2024. 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 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 fourth (24th) quarterly report for the fourth quarter of 2023 (Q4 2023) was submitted January 31, 2024 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.

April 30, 2024

1. WWTP Performance

This section discusses the operation of the NFWB WWTP during the reporting period of January 1, 2024 through March 31, 2024. 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 Acting Chief Operator of the wastewater treatment plant as of January 4, 2022. Until such time as Mr. Kirkland achieves the necessary operator's license, Mr. Fred Kasper (New York State Grade 4 licensed Operator 12489) is serving as the licensed plant operator. Mr. Kasper spends four hours per day on average at the facility on a Monday through Friday basis and assists Mr. Kirkland with his duties.

During the reporting period there were two (2) reported SPDES permit excursions related to a low-level detection of alpha-BHC in January and February 2024. This is a surprise after having no BHC violations in Q4 2023 after implementing reduced discharge limits for the three SIUs known to contribute BHCs to the WWTOP. The BHC trends are being monitored by the NFWB. During Q1 2024 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 Q1 2024 (5,700 gallons per day average) and is consistent with the overall 2023 average of 5,700 gallons per day. The practice of chlorinating 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 Q1 2024:

- Cascades has continued to discharge relatively low amounts of both total suspended solids (TSS) and soluble organic carbon (SOC) during Q1 2024. Q1 2024 average total suspended solids (TSS) and soluble organic carbon (SOC) discharges from Cascades were 822 lbs./day and 756 lbs./day; respectively. For comparison, their Q4 2023 suspended solids loadings were 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). Sludge processing improvements at the Cascades facility in Q4 2023 and Q1 2024 has resulted in further decreases in their TSS discharges. 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; and also for the greatly reduced sludge quantities produced at the NFWB WWTP.

April 30, 2024

- 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. The new blower and carbon adsorber were installed and made operational during Q1 2024. With the blower back in service, the carbon bed effluent wet well static pressure relative to the Odor Control Building interior space is again being maintained in a negative pressure, meaning that sulfide odors from the wet well no longer enter into the odor Control Building interior.
- Construction on Sedimentation Basin 2 (Project 1) continues and as of the end of Q1 2024 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 four month's of operational experience the WTP solids have not caused any issues at the WWTP.

1.2 Solids Removal Performance

A solids balance for January, February, and March 2024 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 solids discharged from Cascades. During the past quarter influent suspended solids loadings averaged 188 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 Q1 2024, the following can be said regarding treatment equipment operability:

- Four (4) Main Pumps are operational.

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- Three (3) Intermediate Pumps are operational and control/drive 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 have been received back at the WWTP as of the end of Q1 2024 and are awaiting installation by plant maintenance staff. 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 the coupler was received in Q1 2024, but the WWTP is still awaiting delivery of the valve. Upon completion of the rebuilding of Intermediate Pump #1 the pump should function like new. The facility expects to continue rebuilding the Intermediate Pump DC motors and drives throughout 2024, sending one set each out at a time for refurbishment. A new project to evaluate the intermediate pump controls and priming issues is expected to be bid out for engineering services in Q2 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 Q2 2024. In late December 2023, the facility contracted with Carbon Activated to remove and dispose of all activated carbon in the Spent Tank, and to change activated carbon in four (4) filters (Filters 9, 14, 23 and 24). This work was completed in Q1 2024. The Spent Carbon tank is now completely empty and drained of all water.
- 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.
- Two (2) pugmills, two (2) lime feed systems, and two (2) lime storage silos are fully functional.

April 30, 2024

Month & Year	Average Daily Flow	Average Influent TSS	Average Effluent TSS	TSS Removed (Dry)	Ferric Chloride Added to Wastewater (Dry)	Lime Added to Sludge (Dry)	Total Solids (Dry) (TSS + Lime + Ferric)	Solids Content of Landfilled Sludge	Total Solids (Wet)	Solids Landfilled (DRY)	% Landfilled
	mgd	mg/l	mg/l	Tons/day	Tons/day	Tons/day	Tons/day	%	Tons/day	Tons/day	%
Jan-24	31.4	53.0	6.5	6.1	1.46	1.04	8.6	25.5%	33.7	13.7	160%
Feb-24	22.5	61.1	5.8	5.2	1.20	1.19	7.6	22.7%	33.4	9.8	129%
Mar-24	22.6	63.4	7.1	5.3	1.25	0.93	7.5	22.3%	33.6	9.45	126%

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

Q1 2024 Quarterly Progress Report

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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
January 31, 2024	AECOM	Item 15	The twenty fourth quarterly progress report for the fourth quarter of 2024 (Q4 2024) was submitted.

2.1.1 Existing WWTP Optimization Efforts

The plant is using Sedimentation Basin No. 5 as a “normal” 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. In light of the five years of successful operation of the WWTP in this mode, the NFWB will not be pursuing separate treatment of backwash water in Sedimentation Basin 5 using alternative chemistry due to the high capital cost of implementing new chemical storage and feed systems for this purpose (coagulant plus flocculant storage and feed systems).

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.

April 30, 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.

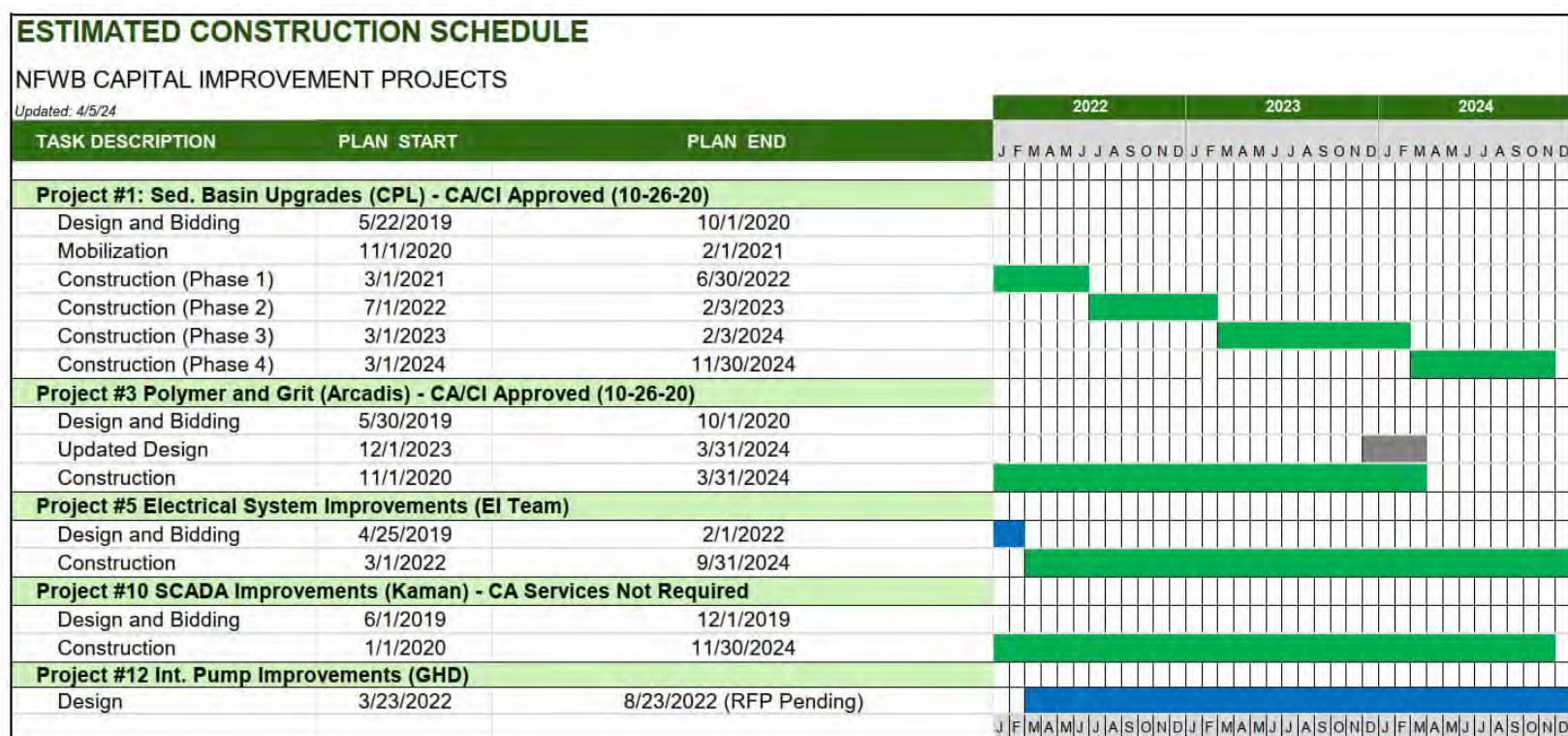
3.1 In-House Capital Upgrades Completed/Underway

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) was reopened in Q4 2024 to facilitate engineering and eventual construction of sodium hypochlorite improvements to Tank 216 and its secondary containment system.

Figure 1





MINUTES

Business Meeting of the Niagara Falls Water Board April 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.) **Present**

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

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

c. Comments from Chairman Forster

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

d. Presentations (none scheduled)

e. Letters and Communications

- i. CISA Fact Sheet - PRC State Sponsored Cyber Activity Actions for Critical Infrastructure Leaders**
- ii. 2024-04-12 – COVID Wastewater Surveillance Update Memorandum**

f. Prior Meeting Minutes

i. Draft March 25, 2024 Meeting Minutes

Motion by Board Member Kimble and seconded by Board Member Larkin to approve the March 25, 2024 meeting minutes.

Board Member Asklar noted he would abstain because he was not present for the meeting.

Asklar __Abstain__ Forster __Y__ Kimble __Y__ Larkin __Y__ Leffler __Y__

Motion carried, 4-0, with 1 abstention.

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 reported that high-lift pump No. 2's shaft is being milled to accept new aluminum bearings, which are required to comply with NSF-61. At the time of the Board meeting there is an active water main break on the cobbled section of First and Rainbow; the broken main is either 6" or 12". 44 fire hydrants have been replaced thus far this year.

The NFWB participated in the City's recent Touch A Truck event. The new Vac-Con truck was very well received by participants. On April 23 students from local high schools will tour the wastewater plant. Surveillance camera installation with alarms at the Gorge Pumping Station has been successful to date, and additional equipment will be installed soon.

Jay Myers, from CPL, reported on an internal and external inspection of the Beech Avenue water storage tank. The inspection was completed on Saturday, April 20 because the inspection company was in the area for another job – which saved the Water Board about \$2,000 in travel expenses. A formal report will be produced, but the initial conclusions were positive – the tank remains serviceable though it will need to be recoated inside and out. The inspection company believes there is a substantial service life remaining, and reusing the storage tank plus a booster pump means that a project to improve volume and fire service in the North End of the City may be completed in less than two years. This is a far shorter

timeframe than if the tank had to be demolished and replaced, and also will preserve the tower's cellular facilities. If brought back online, the tank will approximately double the system's treated water storage capacity.

3. Operations Executive – David Conti

Mr. Eagler Conti discussed the student tour that is being facilitated by Buffalo Niagara Waterkeeper.

4. Outside Infrastructure Updates – Cortez Bradberry

5. Engineering – Douglas Williamson

Mr. Williamson informed the Board about a meeting earlier in the week with representatives of the Town of Niagara, on the subject of renegotiating the NFWB agreement to accept and treat certain Town sewer flows. The Board asked questions about the Town's request for relief from its 2024 bills.

Mr. Williamson further noted that decisions have been made on which water lines to include in the next round of grant applications, and that the Board likely will see grant application and SEQR resolutions in May.

6. Personnel Items – David San Lorenzo

a. April 22, 2024 Personnel Actions

Mr. San Lorenzo stated that a meeting is scheduled next week with Highmark on next year's health insurance rates. An increase is expected. The Board questioned the last time we have completed an RFP for the health insurance broker and directed issuance of an RFP.

7. Information Technology (IT) – Clayton Hotchkiss

Mr. Hotchkiss reported that he and Mr. Joyce have completed training for the Verkada access control system. The Gorge Pump Station now is being monitored with cameras and an alarm system with motion alerts. Audio monitoring will be established so that operators at the WWTP can monitor pumps for any abnormal noises.

Chairman Forster asked about references in the Operations and Maintenance Report under Mr. Rowe's section which may suggest the Verkada cameras could have security vulnerabilities. Mr. Hotchkiss described numerous features that make the system much more secure compared to the older cameras at the WTP. The Board directed Mr. Costello to work

with IT to prepare a letter from the Board to Mr. Rowe which explains the security features to provide him with confirmation that the system is secure.

8. Finance – Brian Majchrowicz

- a. Revenue Budget Performance Report through 3/31/2024
- b. Sewer Fund Expense Budget Performance Report through 3/31/2024
- c. Water Fund Expense Budget Performance Report through 3/31/2024
- d. Board Fund Expense Budget Performance Report through 3/31/2024
- e. Key Bank and Bank on Buffalo Balance Report
- f. Wilmington Trust Balance Report
- g. Treasury Account Balance Report
- h. Capital Payments
- i. Budget Amendments Report

Mr. Majchrowicz will provide the Board with details on the interest being earned on monies in the Trustee accounts.

9. Questions Regarding March 2024 Operations and Maintenance Report

10. Safety – John Accardo

Mr. Accardo reported on the vehicle fleet condition inspection that recently was completed. The fleet is in excellent condition, with few dents and just a few vehicles that needed cleaning at the time of inspection. The average age of the fleet is 3 years, and average mileage is 26,000.

Chairman Forster noted that the fleet has come a long way since 2017, when some vehicles had rusted-through floorboards and the average age was 13 years. The Board discussed how leasing most of the vehicles allows for safe, low-maintenance vehicles.

11. General Counsel and Secretary – Sean Costello

12. From the Chairman

13. Resolutions

2024-04-001 - PROCUREMENT OF MANHOLE FRAMES AND LIDS

a. Neenah Enterprises Quote for Manhole Frames and Lids

Mr. Eagler explained that the outside crew maintains a stock of these items because they have long lead times for delivery when ordered. Manhole frames may be damaged when struck by plows.

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

Asklar __Y__ Forster __Y__ Kimble __Y__ Larkin __Y__ Leffler __Y__

Motion carried, 5-0.

2024-04-002 - EXTENSION OF AECOM AGREEMENT FOR ONSITE ENVIRONMENTAL MONITOR SERVICES

a. 2024-04-10 - AECOM Proposal for Onsite Environmental Monitor Services

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.

2024-04-003 - ENGINEERING SERVICES FOR WWTP SEDIMENTATION BASIN CATWALK CONCRETE REPAIRS

a. 2024-03-18 - JM Davidson Proposal for Sedimentation Basin Concrete Repair Engineering

Chairman Forster noted that just before the meeting he was informed that Mr. Williamson has a plan that may address this issue without the need for engineering services. To allow time to further explore this idea, he suggests this resolution be tabled.

Motion by Board Member Asklar and seconded by Board Member Larkin to table this resolution.

Asklar __Y__ Forster __Y__ Kimble __Y__ Larkin __Y__ Leffler __Y__

Motion to table carried, 5-0.

2024-04-004 – EXERCISING OPTION FOR EFPR GROUP, CPAS, TO PERFORM 2024 AUDIT

a. Excerpt from EFPR Audit Proposal - Fee Proposal

Motion by Board Member Kimble and seconded by Board Member Larkin 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)

17. Adjournment of Meeting

Motion by Board Member Larkin and seconded by Board Member Asklar to adjourn the meeting at 5:30 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: 5/13/2024

Key	
Not approved	
Preliminary Estimate	

% Billed	Recent Work Update
100%	Hohl on site and working basin #2 which is last one to rehab.
94%	
75%	
81%	
77%	
100%	Nussbaumer & Clarke to investigate and finish the project. Meeting to be held with N&C, contractor and NFWB.
95%	
82%	
93%	
86%	
100%	Transformer 4A &4B installed. Transformer 5 installation estimated June/July.
100%	
71%	
0%	
23%	
78%	Kaman continues SCADA integration work with Capital Project contractors.
78%	
Remaining Ph. Budget	\$895,201

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

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

ESTIMATED CONSTRUCTION SCHEDULE

NFWB CAPITAL IMPROVEMENT PROJECTS

Updated: 4/5/24

Updated: 4/5/24

			2022												2023												2024											
TASK DESCRIPTION	PLAN START	PLAN END	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D
Project #1: Sed. Basin Upgrades (CPL) - CA/CI Approved (10-26-20)																																						
Design and Bidding	5/22/2019	10/1/2020																																				
Mobilization	11/1/2020	2/1/2021																																				
Construction (Phase 1)	3/1/2021	6/30/2022																																				
Construction (Phase 2)	7/1/2022	2/3/2023																																				
Construction (Phase 3)	3/1/2023	2/3/2024																																				
Construction (Phase 4)	3/1/2024	11/30/2024																																				
Project #3 Polymer and Grit (Arcadis) - CA/CI Approved (10-26-20)																																						
Design and Bidding	5/30/2019	10/1/2020																																				
Updated Design	12/1/2023	3/31/2024																																				
Construction	11/1/2020	12/31/2024																																				
Project #5 Electrical System Improvements (EI Team)																																						
Design and Bidding	4/25/2019	2/1/2022																																				
Construction	3/1/2022	9/31/2024																																				
Project #10 SCADA Improvements (Kaman) - CA Services Not Required																																						
Design and Bidding	6/1/2019	12/1/2019																																				
Construction	1/1/2020	11/30/2024																																				
Project #12 Int. Pump Improvements (GHD)																																						
Design	3/23/2022	8/23/2022 (RFP Pending)																																				
			J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D

NFWB Financial Award Summary

Last Updated: 5/13/24

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 bid open 5/2/24, CPL to provide recommendation for 5/20/24 Board meeting.
Various Watermain Improvements 2018 LOAN Portion	\$5,495,000 total \$3,000,000 grant \$2,495,000 loan	NYS EFC DWSRF 18588	City Engineer and Urban Engineers started design on two streets. CPL is involved with; 18th Street completed, Whitney Ave project canceled. 77th Street bid open 5/2/24, CPL to provide recommendation for 5/20/24 Board meeting.
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 submitting reimbursement #3 for request for \$4.3 million. CPL sent submission to EFC. Need additional backup paperwork, CPL working with NFWB staff.
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. NFWB desires scope changed to include new belt press. NFWB & CPL to review extra work list, then get DEC approval.
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.

NFWB Financial Award Summary

Last Updated: 5/13/24

Note: Changes from last summary are in red text



Description	Amount	Source	Status
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 to reconnect with DEC and figure out possible construction projects.
Drinking Water Fluoridation Component 1 (Planning Study for water plant upgrades)	\$25,000 grant	NYS Division of Family Health #T37250GG	Application submitted 10/1/21. Planning grant awarded 2/7/22. Requested paperwork provided to DOH 3/7/22. NFWB sent quarterly report to DOH 11/7/22. NFWB obtained proposal 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 reviewing proposals from design consultants and consider award. Then provide contract information to EFC.
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 reviewing proposals from design consultants and consider award. Then provide contract information to EFC.

NFWB Financial Award Summary

Last Updated: 5/13/24

Note: Changes from last summary are in red text



Description	Amount	Source	Status
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 reviewing proposals from design consultants and consider award. Then provide contract information to EFC.
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.

NFWB Financial Award Summary

Last Updated: 5/13/24

Note: Changes from last summary are in red text



Description	Amount	Source	Status
Large Funding Request Sewer Plant Biological Conversion	<p>\$250,000,000 Total</p> <p>To be 3 parts</p> <p>\$20 mill loan (design) \$10,000,000 BIL grant \$10,000,000 loan</p> <p>\$100 mill (construction part 1) \$9,540,800 BIL grant</p> <p>\$130 mill (construction part 2)</p>	NYS & Federal	<p>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.</p> <p>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.</p> <p>EFC sent 1/8/24 noting BIL grant funding available for following. NFWB responded by 1/19/24.</p> <ul style="list-style-type: none"> - \$10,000,000 grant for initial \$20 million design listing - \$9,540,800 grant for first \$100 million construction listing <p>Congressional spending requests submitted to Schumer and Gillibrand 4/4/24.</p>

NFWB Financial Award Summary

Last Updated: 5/13/24

Note: Changes from last summary are in red text



Description	Amount	Source	Status
FUTURE			
2024 Water Improvements	\$5,000,000 maximum grant possible or 60% of project cost	NYS EFC	Watermain selections made by staff. CPL working with staff for funding application that is due 6/14. Board to process SEQR at 5/20 meeting.
2024 Sewer Improvements	\$5,000,000 maximum grant possible or 60% of project cost	NYS EFC	NFWB staff reviewing projects for submission. EFC funding deadline 6/14/24.
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
Monday, May 20, 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.
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A. PERSONNEL ACTIONS RECOMMEND TO HIRE

Line Item Number	Position	Department/Location	Pay Rate or Grade	ADDITIONAL INFORMATION

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

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
Michael Janese	Senior Lab Tech	Enviromental Lab	Approx. \$26/hr.	Resigned 4/26/2024

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.

2024 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	98.00	\$2,543.70	\$980.00	\$3,523.70
USW Employee 2	51.00	\$1,346.83	\$510.00	\$1,856.83
USW Employee 3	12.00	\$287.40	\$120.00	\$407.40
USW Employee 4	12.00	\$300.72	\$120.00	\$420.72
USW Employee 5	22.00	\$522.28	\$220.00	\$742.28
USW Employee 6	12.00	\$350.72	\$205.20	\$555.92
USW Employee 7	12.00	\$375.80	\$210.00	\$585.80
USW Employee 8	88.75	\$3,019.15	\$887.50	\$3,906.65
USW Employee 9	57.00	\$1,156.45	\$570.00	\$1,726.45
IBEW Employee	45.00	\$1,434.15	\$774.00	\$2,208.15
IBEW Employee 2	5.00	\$160.55	\$50.00	\$210.55
	414.75	\$11,497.75	\$4,646.70	\$16,144.45
Time Period: January 1, 2024 through May 3, 2024				

Revenue Budget Performance Report

Fiscal Year to Date 04/30/24

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	45,000.00	.00	45,000.00	3,780.00	.00	15,102.50	29,897.50	34	12,700.00
2140.001	District 1	2,101,006.00	.00	2,101,006.00	518,481.39	.00	1,005,638.51	1,095,367.49	48	354,913.30
2140.002	District 2	2,546,082.00	.00	2,546,082.00	1,436.04	.00	588,896.37	1,957,185.63	23	1,812.21
2140.003	District 3	1,909,562.00	.00	1,909,562.00	563.04	.00	469,613.20	1,439,948.80	25	156,282.47
2140.004	Non-Resident	42,000.00	.00	42,000.00	.00	.00	12,245.39	29,754.61	29	13,003.62
2140.005	Industrial	3,591,522.00	.00	3,591,522.00	650,561.26	.00	1,341,104.08	2,250,417.92	37	336,194.18
2140.006	Industrial SIU	3,189,405.00	.00	3,189,405.00	677,441.96	.00	1,288,644.92	1,900,760.08	40	630,495.04
2140.008	Hydrant Usage	6,000.00	.00	6,000.00	116.48	.00	174.72	5,825.28	3	336.17
2140.599	Miscellaneous Departmental Incom	5,000.00	.00	5,000.00	59.39	.00	309.39	4,690.61	6	1,350.00
2141.000	Allowance for Unpaid Trfd	(200,000.00)	.00	(200,000.00)	.00	.00	34,818.42	(234,818.42)	-17	18,392.27
2144.003	Fire Service	91,000.00	.00	91,000.00	.00	.00	.00	91,000.00	0	.00
2144.005	Service Charge	455,000.00	.00	455,000.00	54,119.80	.00	165,507.80	289,492.20	36	168,383.71
2144.006	Lab Analysis	35,000.00	.00	35,000.00	765.50	.00	2,739.50	32,260.50	8	8,738.07
2144.008	Missing Meter Charge	20,000.00	.00	20,000.00	1,360.00	.00	9,274.50	10,725.50	46	9,878.00
2144.009	Mtr Install/Reinstall/Reactivate	5,000.00	.00	5,000.00	600.00	.00	1,325.00	3,675.00	26	1,525.00
2144.010	Final Meter Read/Inspect	18,000.00	.00	18,000.00	1,275.00	.00	5,000.00	13,000.00	28	4,375.00
2144.012	Backflow Certification	7,500.00	.00	7,500.00	445.00	.00	6,155.67	1,344.33	82	3,080.00
2148.001	District 1	92,942.00	.00	92,942.00	24,216.77	.00	37,595.02	55,346.98	40	38,496.97
2148.002	District 2	65,340.00	.00	65,340.00	(4.58)	.00	9,202.69	56,137.31	14	8,855.32
2148.003	District 3	65,561.00	.00	65,561.00	20,263.69	.00	34,155.93	31,405.07	52	36,810.36
2148.004	Non-Resident	1,000.00	.00	1,000.00	.00	.00	586.41	413.59	59	157.01
2148.005	Industrial	25,000.00	.00	25,000.00	5,864.09	.00	9,107.87	15,892.13	36	12,038.19
2148.006	Industrial SIU	7,638.00	.00	7,638.00	.00	.00	37.98	7,600.02	0	.00
2148.599	Penalty - Miscellaneous	1,500.00	.00	1,500.00	.00	.00	(22.71)	1,522.71	-2	.12
	<i>Departmental Income Totals</i>	\$14,126,058.00	\$0.00	\$14,126,058.00	\$1,961,344.83	\$0.00	\$5,037,213.16	\$9,088,844.84	36%	\$1,817,817.01
	<i>Intergovernmental Charges</i>									
2230.A	City of Niag Falls-Generl	230,102.00	.00	230,102.00	.00	.00	.00	230,102.00	0	.00
	<i>Intergovernmental Charges Totals</i>	\$230,102.00	\$0.00	\$230,102.00	\$0.00	\$0.00	\$0.00	\$230,102.00	0%	\$0.00
	<i>Use Of Money & Property</i>									
2401.000	Interest Earnings	200,000.00	.00	200,000.00	.00	.00	91,283.64	108,716.36	46	96,907.59
	<i>Use Of Money & Property Totals</i>	\$200,000.00	\$0.00	\$200,000.00	\$0.00	\$0.00	\$91,283.64	\$108,716.36	46%	\$96,907.59
	<i>Licenses And Permits</i>									
2550.006	Cellular Towers	210,000.00	.00	210,000.00	13,275.02	.00	52,949.97	157,050.03	25	64,195.53
2590.004	Hydrant Permits & Rentals	9,000.00	.00	9,000.00	889.00	.00	987.50	8,012.50	11	1,725.64
	<i>Licenses And Permits Totals</i>	\$219,000.00	\$0.00	\$219,000.00	\$14,164.02	\$0.00	\$53,937.47	\$165,062.53	25%	\$65,921.17
	<i>Sale Of Prop/Cmp For Loss</i>									
2650.000	Sale Of Scrap	5,000.00	.00	5,000.00	.00	.00	.00	5,000.00	0	2,394.89
2665.000	Sale-Equipment	2,723.00	.00	2,723.00	.00	.00	.00	2,723.00	0	.00

Revenue Budget Performance Report

Fiscal Year to Date 04/30/24
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 Totals</i>	\$7,723.00	\$0.00	\$7,723.00	\$0.00	\$0.00	\$0.00	\$7,723.00	0%	\$2,394.89
	<i>Misc Local Sources</i>									
2701.000	Refund Appro Exp Prior Yr	.00	.00	.00	.00	.00	(61.94)	61.94	+++	(1,454.50)
2770.001	NSF Check Charge	8,000.00	.00	8,000.00	910.00	.00	3,605.00	4,395.00	45	3,150.00
2770.599	Undesignated	8,000.00	.00	8,000.00	.00	.00	.00	8,000.00	0	.00
	<i>Misc Local Sources Totals</i>	\$16,000.00	\$0.00	\$16,000.00	\$910.00	\$0.00	\$3,543.06	\$12,456.94	22%	\$1,695.50
	<i>Interfund Revenues</i>									
2801.GA	Interfd Rev WtrBd-Sewr	.00	.00	.00	135.33	.00	35,770.43	(35,770.43)	+++	51,450.46
	<i>Interfund Revenues Totals</i>	\$0.00	\$0.00	\$0.00	\$135.33	\$0.00	\$35,770.43	(\$35,770.43)	+++	\$51,450.46
	REVENUE TOTALS	\$14,798,883.00	\$0.00	\$14,798,883.00	\$1,976,554.18	\$0.00	\$5,221,747.76	\$9,577,135.24	35%	\$2,036,186.62
Fund	FA - Water Board - Water Totals	\$14,798,883.00	\$0.00	\$14,798,883.00	\$1,976,554.18	\$0.00	\$5,221,747.76	\$9,577,135.24		\$2,036,186.62

Revenue Budget Performance Report

Fiscal Year to Date 04/30/24

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	2,840,321.00	.00	2,840,321.00	691,449.86	.00	1,337,962.18	1,502,358.82	47	473,839.18
2120.002	District 2	3,329,002.00	.00	3,329,002.00	1,867.95	.00	782,795.58	2,546,206.42	24	2,298.42
2120.003	District 3	2,605,234.00	.00	2,605,234.00	674.95	.00	625,056.51	1,980,177.49	24	206,108.96
2120.005	Industrial CSIRU	4,629,652.00	.00	4,629,652.00	766,556.72	.00	1,708,705.06	2,920,946.94	37	375,635.80
2120.006	Industrial SIU	12,000,000.00	.00	12,000,000.00	526,488.77	.00	2,271,898.44	9,728,101.56	19	1,120,703.02
2120.008	Hydrant Usage	10,000.00	.00	10,000.00	154.18	.00	231.27	9,768.73	2	445.03
2120.102	Town Of Niagara	688,434.00	.00	688,434.00	273,602.22	.00	546,318.98	142,115.02	79	432,127.55
2122.002	Dye Tests	50,000.00	.00	50,000.00	3,780.00	.00	15,002.50	34,997.50	30	12,600.00
2128.001	District 1	124,420.00	.00	124,420.00	31,884.30	.00	49,596.19	74,823.81	40	51,309.98
2128.002	District 2	70,017.00	.00	70,017.00	(6.05)	.00	12,180.89	57,836.11	17	11,682.64
2128.003	District 3	86,948.00	.00	86,948.00	27,150.41	.00	45,144.04	41,803.96	52	48,462.26
2128.005	Industrial	25,000.00	.00	25,000.00	8,867.06	.00	13,948.79	11,051.21	56	17,754.66
2128.006	Industrial SIU	20,368.00	.00	20,368.00	.00	.00	2,948.25	17,419.75	14	1,475.72
2141.000	Allowance for Unpaid Trfd	(200,000.00)	.00	(200,000.00)	.00	.00	45,301.81	(245,301.81)	-23	23,103.89
	<i>Departmental Income Totals</i>	\$26,279,396.00	\$0.00	\$26,279,396.00	\$2,332,470.37	\$0.00	\$7,457,090.49	\$18,822,305.51	28%	\$2,777,547.11
	<i>Use Of Money & Property</i>									
2401.000	Interest Earnings	200,000.00	.00	200,000.00	.00	.00	91,283.65	108,716.35	46	96,907.59
	<i>Use Of Money & Property Totals</i>	\$200,000.00	\$0.00	\$200,000.00	\$0.00	\$0.00	\$91,283.65	\$108,716.35	46%	\$96,907.59
	<i>Licenses And Permits</i>									
2590.006	SIU 5-Yr Permits	4,600.00	.00	4,600.00	.00	.00	.00	4,600.00	0	.00
	<i>Licenses And Permits Totals</i>	\$4,600.00	\$0.00	\$4,600.00	\$0.00	\$0.00	\$0.00	\$4,600.00	0%	\$0.00
	<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	4,138.79	.00	6,266.02	(1,266.02)	125	448.50
	<i>Sale Of Prop/Cmp For Loss Totals</i>	\$5,000.00	\$0.00	\$5,000.00	\$4,138.79	\$0.00	\$6,266.02	(\$1,266.02)	125%	\$448.50
	<i>Misc Local Sources</i>									
2701.000	Refund Appro Exp Prior Yr	.00	.00	.00	.00	.00	(77.09)	77.09	+++	(12,987.36)
2770.599	Undesignated	25,000.00	.00	25,000.00	.00	.00	22,369.77	2,630.23	89	21,557.34
	<i>Misc Local Sources Totals</i>	\$25,000.00	\$0.00	\$25,000.00	\$0.00	\$0.00	\$22,292.68	\$2,707.32	89%	\$8,569.98
	<i>Interfund Revenues</i>									
2801.F	Interfd Rev Fr Water	.00	.00	.00	124,370.25	.00	219,446.88	(219,446.88)	+++	123,294.85
	<i>Interfund Revenues Totals</i>	\$0.00	\$0.00	\$0.00	\$124,370.25	\$0.00	\$219,446.88	(\$219,446.88)	+++	\$123,294.85
	REVENUE TOTALS	\$26,514,496.00	\$0.00	\$26,514,496.00	\$2,460,979.41	\$0.00	\$7,796,379.72	\$18,718,116.28	29%	\$3,006,768.03
Fund	GA - Water Board - Sewer Totals	\$26,514,496.00	\$0.00	\$26,514,496.00	\$2,460,979.41	\$0.00	\$7,796,379.72	\$18,718,116.28		\$3,006,768.03

Revenue Budget Performance Report

Fiscal Year to Date 04/30/24
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									
	Use Of Money & Property									
2401.000	Interest Earnings	700,000.00	.00	700,000.00	.00	.00	177,357.87	522,642.13	25	347,818.11
	Use Of Money & Property Totals	\$700,000.00	\$0.00	\$700,000.00	\$0.00	\$0.00	\$177,357.87	\$522,642.13	25%	\$347,818.11
	REVENUE TOTALS	\$700,000.00	\$0.00	\$700,000.00	\$0.00	\$0.00	\$177,357.87	\$522,642.13	25%	\$347,818.11
Fund	VFG - Plant Fund Totals	\$700,000.00	\$0.00	\$700,000.00	\$0.00	\$0.00	\$177,357.87	\$522,642.13		\$347,818.11
	Grand Totals	\$42,013,379.00	\$0.00	\$42,013,379.00	\$4,437,533.59	\$0.00	\$13,195,485.35	\$28,817,893.65		\$5,390,772.76

Expense Budget Performance Report

Fiscal Year to Date 04/30/24

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	.00	.00	904.00	(904.00)	+++	.00
0121.000	Weekly Comp Differential	.00	.00	.00	15.70	.00	59.55	(59.55)	+++	49.63
0125.000	Insurance OPT Out	123,466.00	.00	123,466.00	7,078.16	.00	32,163.62	91,302.38	26	31,869.95
0130.000	Temporary Payroll	313,182.00	.00	313,182.00	31,188.06	.00	136,405.51	176,776.49	44	181,815.27
0140.000	Overtime	223,000.00	.00	223,000.00	12,083.19	.00	48,107.72	174,892.28	22	62,137.53
0150.000	Acting Next-In-Rank Pay	12,480.00	.00	12,480.00	7,849.49	.00	46,007.80	(33,527.80)	369	.00
0151.A	Sunday Contractual Pay	51,000.00	.00	51,000.00	.00	.00	.00	51,000.00	0	.00
0151.000	Sunday Premium Pay	.00	.00	.00	3,560.65	.00	16,479.07	(16,479.07)	+++	15,770.61
0155.A	Holiday Contractual Pay	33,500.00	.00	33,500.00	.00	.00	11,210.94	22,289.06	33	7,624.83
0155.000	Holiday Pay	.00	.00	.00	.00	.00	22,466.06	(22,466.06)	+++	21,155.30
0165.000	Military Leave	.00	.00	.00	.00	.00	.00	.00	+++	5,748.12
0170.000	Overtime Meals	8,200.00	.00	8,200.00	324.00	.00	1,254.50	6,945.50	15	1,835.75
0180.000	Comp. Time Earned	.00	.00	.00	948.07	.00	4,333.75	(4,333.75)	+++	2,224.35
0181.000	Vacation Pay	.00	.00	.00	1,680.65	.00	19,998.25	(19,998.25)	+++	3,153.26
0182.000	Personal Time	.00	.00	.00	790.53	.00	2,591.79	(2,591.79)	+++	748.98
0183.000	Compensatory Time Off	.00	.00	.00	16,267.82	.00	43,172.13	(43,172.13)	+++	40,968.59
0184.000	Funeral Leave	.00	.00	.00	200.48	.00	1,869.06	(1,869.06)	+++	734.46
0186.000	Call-In Time	25,000.00	.00	25,000.00	1,391.79	.00	5,607.12	19,392.88	22	7,066.71
0189.000	Sick Leave	.00	.00	.00	5,262.07	.00	21,492.77	(21,492.77)	+++	19,185.12
	<i>Personnel Services Totals</i>	\$789,828.00	\$0.00	\$789,828.00	\$88,640.66	\$0.00	\$414,123.64	\$375,704.36	52%	\$402,088.46
	<i>Personnel - Position Control</i>									
0110.000	Biweekly Payroll	3,216,385.00	.00	3,216,385.00	177,461.89	.00	790,520.38	2,425,864.62	25	764,789.11
	<i>Personnel - Position Control Totals</i>	\$3,216,385.00	\$0.00	\$3,216,385.00	\$177,461.89	\$0.00	\$790,520.38	\$2,425,864.62	25%	\$764,789.11
	<i>Capital Outlays</i>									
0210.000	Furniture & Furnishings	3,000.00	.00	3,000.00	.00	.00	.00	3,000.00	0	13,578.41
0250.500	Safety Equipment	10,000.00	.00	10,000.00	2,729.06	2,502.10	2,729.06	4,768.84	52	4,317.42
	<i>Capital Outlays Totals</i>	\$13,000.00	\$0.00	\$13,000.00	\$2,729.06	\$2,502.10	\$2,729.06	\$7,768.84	40%	\$17,895.83
	<i>Contractual Expenses</i>									
0411.000	Office Supplies	3,050.00	.00	3,050.00	.00	.00	171.96	2,878.04	6	1,025.21
0412.000	Uniforms	2,940.00	.00	2,940.00	.00	.00	239.56	2,700.44	8	76.47
0413.000	Safety Shoes	11,000.00	.00	11,000.00	179.99	.00	1,944.94	9,055.06	18	2,058.97
0414.000	Automotive-Gas,Oil,Grease	50,000.00	.00	50,000.00	3,531.63	.00	11,037.31	38,962.69	22	10,976.67
0416.000	Consumable Printed Forms	1,200.00	.00	1,200.00	.00	.00	.00	1,200.00	0	34.00
0417.000	Tool Allowance	300.00	.00	300.00	.00	.00	300.00	.00	100	.00
0419.001	Automotive Parts	30,000.00	.00	30,000.00	4,742.80	686.50	22,059.21	7,254.29	76	3,249.09
0419.003	Cleaning/Sanitary	10,000.00	.00	10,000.00	89.99	.00	498.86	9,501.14	5	960.48
0419.004	Agricultural/Botanical	50,000.00	.00	50,000.00	.00	.00	.00	50,000.00	0	.00
0419.005	Tools & Machine Parts	187,000.00	(2,200.00)	184,800.00	13,207.41	14,292.54	42,144.34	128,363.12	31	27,089.68

Expense Budget Performance Report

Fiscal Year to Date 04/30/24

Exclude Rollup Account

Account	Account Description	Adopted Budget	Budget Amendments	Amended Budget	Current Month Transactions	YTD Encumbrances	YTD Transactions	Budget - YTD Transactions	% Used/ Rec'd	Prior Year YTD
Fund	GA - Water Board - Sewer									
	EXPENSE									
	<i>Contractual Expenses</i>									
0419.006	Construction/Repair	130,000.00	.00	130,000.00	6,420.39	20,112.67	16,566.53	93,320.80	28	40,969.86
0419.008	Signals/Communication	5,000.00	.00	5,000.00	.00	.00	.00	5,000.00	0	1,936.60
0419.009	Misc Chemicals	25,000.00	.00	25,000.00	.00	1,032.08	1,974.64	21,993.28	12	1,884.02
0419.010	Laboratory	30,000.00	.00	30,000.00	838.41	3,537.45	8,870.51	17,592.04	41	1,595.23
0419.012	Carbon	600,000.00	.00	600,000.00	.00	.00	145,575.54	454,424.46	24	.00
0419.014	Ferric Chloride	700,000.00	.00	700,000.00	45,354.68	17,442.08	193,466.16	489,091.76	30	224,461.44
0419.016	Primary Polymer	100,000.00	.00	100,000.00	22,308.00	27,692.00	22,308.00	50,000.00	50	.00
0419.017	Sludge Polymer	90,000.00	.00	90,000.00	.00	45,000.00	.00	45,000.00	50	.00
0419.018	Pebble Lime	220,000.00	.00	220,000.00	8,286.23	64,515.14	35,484.86	120,000.00	45	37,756.88
0419.024	Hypochlorite Solution	6,500,000.00	.00	6,500,000.00	272,550.13	1,017,365.03	982,634.97	4,500,000.00	31	1,667,842.14
0419.599	Undesignated Supplies	64,200.00	.00	64,200.00	2,489.06	4,307.61	15,845.55	44,046.84	31	16,627.03
0421.001	Phone Extension Chgs	34,000.00	.00	34,000.00	2,252.76	.00	8,250.15	25,749.85	24	12,904.45
0421.002	Wireless Services	11,000.00	.00	11,000.00	689.64	.00	2,088.91	8,911.09	19	2,546.36
0422.000	Light & Power	695,000.00	.00	695,000.00	63,719.65	.00	223,821.59	471,178.41	32	205,011.63
0423.000	Water/Sewer	595,000.00	.00	595,000.00	124,870.25	.00	219,946.88	375,053.12	37	123,294.85
0424.000	Gas	25,000.00	.00	25,000.00	2,383.49	.00	7,607.20	17,392.80	30	13,541.45
0432.000	Property Insurance	245,000.00	.00	245,000.00	.00	.00	.00	245,000.00	0	.00
0433.000	Liability Insurance	120,000.00	.00	120,000.00	(3,027.00)	.00	147,783.41	(27,783.41)	123	137,634.80
0440.003	Motor Vehicle Equipment	70,000.00	.00	70,000.00	888.21	.00	3,252.71	66,747.29	5	19,240.34
0440.599	Undesignated Leases	1,500.00	.00	1,500.00	634.88	.00	794.91	705.09	53	205.23
0441.000	Rental Of Real Property	75.00	.00	75.00	41.00	.00	41.00	34.00	55	.00
0442.000	Rental Of Equipment	19,500.00	.00	19,500.00	10.00	.00	40.00	19,460.00	0	9,879.62
0442.003	Motor Vehicle Equip Rentl	10,000.00	.00	10,000.00	.00	.00	.00	10,000.00	0	917.00
0442.599	Undesignated Rentals	5,000.00	.00	5,000.00	.00	983.28	1,016.72	3,000.00	40	.00
0443.000	Repair Of Real Property	40,500.00	.00	40,500.00	.00	326.50	8,697.44	31,476.06	22	23,855.53
0444.000	Repair Of Equipment	245,000.00	.00	245,000.00	8,795.61	4,379.29	20,562.67	220,058.04	10	53,220.96
0446.000	Computer Services	4,500.00	.00	4,500.00	359.97	.00	1,446.04	3,053.96	32	1,927.16
0446.007	Software	50,000.00	.00	50,000.00	.00	.00	.00	50,000.00	0	.00
0449.000	Billing & Collection	55,000.00	.00	55,000.00	4,431.79	.00	17,727.16	37,272.84	32	17,572.04
0449.002	Sludge Disposal	2,000,000.00	.00	2,000,000.00	83,825.20	589,839.01	410,160.99	1,000,000.00	50	506,890.82
0449.008	Hazardous Waste Displ.	500.00	15,000.00	15,500.00	.00	15,000.00	.00	500.00	97	.00
0449.500	Safety-Contractual	10,000.00	.00	10,000.00	.00	.00	.00	10,000.00	0	343.00
0449.599	Undesignated Services	445,340.00	(15,000.00)	430,340.00	11,627.54	24,887.00	42,494.75	362,958.25	16	76,591.54
0451.000	Consultants	100,000.00	.00	100,000.00	24,645.55	4,373.50	42,719.98	52,906.52	47	12,731.14
0454.000	Attorney Services	40,000.00	.00	40,000.00	3,269.64	.00	23,505.89	16,494.11	59	696.25
0461.000	Postage	35,000.00	.00	35,000.00	776.58	.00	18,360.70	16,639.30	52	2,944.62
0463.000	Travel & Training Expense	22,000.00	2,200.00	24,200.00	980.30	5,125.00	6,845.30	12,229.70	49	55.00
0463.500	Safety Training	1,000.00	.00	1,000.00	.00	.00	550.00	450.00	55	.00

Expense Budget Performance Report

Fiscal Year to Date 04/30/24

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>									
0465.000	Laundry & Cleaning	9,500.00	.00	9,500.00	275.91	5,180.65	2,319.35	2,000.00	79	2,492.80
0466.000	Books,Mags. & Memberships	7,500.00	.00	7,500.00	.00	.00	2,140.00	5,360.00	29	2,010.00
0467.000	Advertising	500.00	.00	500.00	45.89	.00	121.96	378.04	24	91.29
0471.000	Recruitment Expenditures	800.00	.00	800.00	.00	.00	344.18	455.82	43	358.00
	<i>Contractual Expenses Totals</i>	\$13,707,905.00	\$0.00	\$13,707,905.00	\$711,495.58	\$1,866,077.33	\$2,713,762.83	\$9,128,064.84	33%	\$3,265,499.65
	<i>Employee Benefits</i>									
0801.000	NYS E.R.S. Retirement	524,681.00	.00	524,681.00	.00	.00	105,459.00	419,222.00	20	89,074.67
0803.000	Building Trades Benefits	150,000.00	.00	150,000.00	14,786.76	.00	68,585.41	81,414.59	46	69,723.58
0820.000	Worker's Compensation	240,000.00	.00	240,000.00	782.74	.00	2,348.22	237,651.78	1	2,423.22
0830.000	Life Insurance	13,732.00	.00	13,732.00	.00	.00	.00	13,732.00	0	4,821.74
0840.000	Unemployment Ins. NYS	10,000.00	.00	10,000.00	.00	.00	.00	10,000.00	0	.00
0860.000	Medical Insurance	2,732,850.00	.00	2,732,850.00	1,500.00	.00	57,821.78	2,675,028.22	2	793,457.83
0861.000	Dental Insurance	85,500.00	.00	85,500.00	.00	.00	.00	85,500.00	0	.00
0863.000	Vision Care Insurance	6,254.00	.00	6,254.00	.00	.00	.00	6,254.00	0	1,843.07
0865.000	Chiropractic Insurance	1,400.00	.00	1,400.00	.00	.00	140.00	1,260.00	10	300.00
	<i>Employee Benefits Totals</i>	\$3,764,417.00	\$0.00	\$3,764,417.00	\$17,069.50	\$0.00	\$234,354.41	\$3,530,062.59	6%	\$961,644.11
	<i>Employee Benefit - FICA</i>									
0810.000	Social Security	306,093.00	.00	306,093.00	19,815.29	.00	89,754.28	216,338.72	29	86,705.92
	<i>Employee Benefit - FICA Totals</i>	\$306,093.00	\$0.00	\$306,093.00	\$19,815.29	\$0.00	\$89,754.28	\$216,338.72	29%	\$86,705.92
	EXPENSE TOTALS	\$21,797,628.00	\$0.00	\$21,797,628.00	\$1,017,211.98	\$1,868,579.43	\$4,245,244.60	\$15,683,803.97	28%	\$5,498,623.08
Fund	GA - Water Board - Sewer Totals	\$21,797,628.00	\$0.00	\$21,797,628.00	\$1,017,211.98	\$1,868,579.43	\$4,245,244.60	\$15,683,803.97		\$5,498,623.08
	Grand Totals	\$21,797,628.00	\$0.00	\$21,797,628.00	\$1,017,211.98	\$1,868,579.43	\$4,245,244.60	\$15,683,803.97		\$5,498,623.08

Expense Budget Performance Report

Fiscal Year to Date 04/30/24

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	.00	.00	395.92	(395.92)	+++	.00
0121.000	Weekly Comp Differential	.00	.00	.00	19.99	.00	90.66	(90.66)	+++	69.06
0125.000	Insurance OPT Out	79,345.00	.00	79,345.00	7,774.08	.00	34,884.92	44,460.08	44	30,099.64
0130.000	Temporary Payroll	116,000.00	.00	116,000.00	15,614.02	.00	55,481.85	60,518.15	48	41,988.54
0140.000	Overtime	116,150.00	.00	116,150.00	6,126.37	.00	28,794.95	87,355.05	25	36,623.53
0150.000	Acting Next-In-Rank Pay	.00	.00	.00	651.24	.00	3,254.13	(3,254.13)	+++	.00
0151.A	Sunday Contractual Pay	16,000.00	.00	16,000.00	.00	.00	.00	16,000.00	0	.00
0151.000	Sunday Premium Pay	.00	.00	.00	1,770.63	.00	8,236.90	(8,236.90)	+++	5,392.46
0152.000	Shift Premium Pay	.00	.00	.00	.00	.00	1,000.00	(1,000.00)	+++	.00
0155.A	Holiday Contractual Pay	8,500.00	.00	8,500.00	.00	.00	3,373.06	5,126.94	40	1,932.84
0155.000	Holiday Pay	.00	.00	.00	.00	.00	31,106.34	(31,106.34)	+++	25,044.37
0170.000	Overtime Meals	3,015.00	.00	3,015.00	137.50	.00	687.00	2,328.00	23	760.25
0180.000	Comp. Time Earned	.00	.00	.00	222.56	.00	3,300.74	(3,300.74)	+++	3,375.71
0181.000	Vacation Pay	.00	.00	.00	4,220.08	.00	22,564.76	(22,564.76)	+++	14,549.04
0182.000	Personal Time	.00	.00	.00	302.77	.00	2,106.15	(2,106.15)	+++	458.40
0183.000	Compensatory Time Off	.00	.00	.00	14,873.60	.00	48,835.30	(48,835.30)	+++	53,683.24
0184.000	Funeral Leave	.00	.00	.00	924.29	.00	3,045.66	(3,045.66)	+++	1,895.76
0186.000	Call-In Time	12,350.00	.00	12,350.00	386.69	.00	2,782.11	9,567.89	23	3,278.41
0189.000	Sick Leave	.00	.00	.00	4,565.10	.00	20,997.68	(20,997.68)	+++	26,430.77
0190.000	Vacation Cash Conversion	5,765.00	.00	5,765.00	.00	.00	.00	5,765.00	0	.00
	<i>Personnel Services Totals</i>	\$357,125.00	\$0.00	\$357,125.00	\$57,588.92	\$0.00	\$270,938.13	\$86,186.87	76%	\$245,582.02
	<i>Personnel - Position Control</i>									
0110.000	Biweekly Payroll	2,565,429.00	.00	2,565,429.00	183,285.14	.00	810,608.70	1,754,820.30	32	809,649.13
0153.000	Stipend	.00	.00	.00	.00	.00	.00	.00	+++	1,961.03
	<i>Personnel - Position Control Totals</i>	\$2,565,429.00	\$0.00	\$2,565,429.00	\$183,285.14	\$0.00	\$810,608.70	\$1,754,820.30	32%	\$811,610.16
	<i>Capital Outlays</i>									
0210.000	Furniture & Furnishings	5,000.00	.00	5,000.00	.00	973.41	.00	4,026.59	19	987.58
0220.000	Office Equipment	3,000.00	.00	3,000.00	.00	.00	.00	3,000.00	0	.00
0230.000	Motor Vehicle Equipment	5,000.00	.00	5,000.00	.00	.00	.00	5,000.00	0	.00
0250.000	Other Equipment	30,000.00	(10,000.00)	20,000.00	8,514.20	.00	12,333.40	7,666.60	62	230.73
0250.007	Computer Equipment	100,000.00	.00	100,000.00	8,439.72	7,163.46	18,353.32	74,483.22	26	4,826.00
0250.500	Safety Equipment	7,500.00	.00	7,500.00	.00	5,053.07	360.80	2,086.13	72	1,381.81
	<i>Capital Outlays Totals</i>	\$150,500.00	(\$10,000.00)	\$140,500.00	\$16,953.92	\$13,189.94	\$31,047.52	\$96,262.54	31%	\$7,426.12
	<i>Capital Construction</i>									
0300.000	Capital Construction	.00	.00	.00	9,159.05	.00	51,981.07	(51,981.07)	+++	.00
	<i>Capital Construction Totals</i>	\$0.00	\$0.00	\$0.00	\$9,159.05	\$0.00	\$51,981.07	(\$51,981.07)	+++	\$0.00
	<i>Contractual Expenses</i>									
0411.000	Office Supplies	10,200.00	.00	10,200.00	1,027.96	5,505.41	3,600.59	1,094.00	89	3,779.28

Expense Budget Performance Report

Fiscal Year to Date 04/30/24

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>									
0412.000	Uniforms	1,800.00	.00	1,800.00	43.12	316.98	(172.96)	1,655.98	8	.00
0413.000	Safety Shoes	7,800.00	.00	7,800.00	200.00	.00	1,269.98	6,530.02	16	2,191.89
0414.000	Automotive-Gas,Oil,Grease	60,000.00	.00	60,000.00	2,969.89	.00	10,394.06	49,605.94	17	13,206.90
0415.000	Fuel Oil	15,000.00	.00	15,000.00	.00	.00	.00	15,000.00	0	.00
0416.000	Consumable Printed Forms	1,200.00	.00	1,200.00	.00	.00	.00	1,200.00	0	906.35
0417.000	Tool Allowance	300.00	.00	300.00	.00	.00	150.00	150.00	50	35.63
0419.001	Automotive Parts	25,000.00	.00	25,000.00	4,553.43	.00	21,933.41	3,066.59	88	7,084.20
0419.003	Cleaning/Sanitary	6,000.00	.00	6,000.00	611.17	528.06	2,241.55	3,230.39	46	930.63
0419.005	Tools & Machine Parts	112,000.00	.00	112,000.00	691.09	3,792.83	4,730.92	103,476.25	8	38,557.28
0419.006	Construction/Repair	160,000.00	.00	160,000.00	15,912.27	36,428.75	49,026.11	74,545.14	53	29,327.24
0419.009	Misc Chemicals	785,000.00	.00	785,000.00	33,524.20	174,514.35	166,911.29	443,574.36	43	219,332.91
0419.010	Laboratory	40,000.00	.00	40,000.00	3,525.43	2,960.82	14,898.36	22,140.82	45	6,755.30
0419.599	Undesignated Supplies	7,700.00	10,000.00	17,700.00	1,646.43	3,202.57	4,972.59	9,524.84	46	1,628.02
0421.001	Phone Extension Chgs	15,000.00	.00	15,000.00	119.19	.00	478.22	14,521.78	3	3,716.09
0421.002	Wireless Services	16,000.00	.00	16,000.00	1,083.94	.00	3,672.51	12,327.49	23	5,912.25
0422.000	Light & Power	600,000.00	.00	600,000.00	52,582.27	.00	162,814.86	437,185.14	27	166,693.28
0423.000	Water/Sewer	625,000.00	.00	625,000.00	135.33	.00	35,770.43	589,229.57	6	51,450.46
0424.000	Gas	35,000.00	.00	35,000.00	3,615.34	.00	13,863.18	21,136.82	40	22,548.97
0432.000	Property Insurance	180,000.00	.00	180,000.00	.00	.00	.00	180,000.00	0	.00
0433.000	Liability Insurance	85,000.00	.00	85,000.00	.00	.00	100,348.23	(15,348.23)	118	92,792.20
0440.003	Motor Vehicle Equipment	70,000.00	.00	70,000.00	888.22	.00	3,252.72	66,747.28	5	19,240.39
0440.599	Undesignated Leases	1,500.00	.00	1,500.00	136.82	.00	474.10	1,025.90	32	323.02
0441.000	Rental Of Real Property	.00	.00	.00	24.00	.00	48.00	(48.00)	+++	.00
0442.000	Rental Of Equipment	4,500.00	.00	4,500.00	10.00	.00	40.00	4,460.00	1	795.01
0442.003	Motor Vehicle Equip Rentl	.00	.00	.00	.00	.00	.00	.00	+++	1,375.50
0442.599	Undesignated Rentals	4,000.00	.00	4,000.00	208.15	1,015.13	704.87	2,280.00	43	614.04
0444.000	Repair Of Equipment	27,500.00	.00	27,500.00	387.81	3,525.68	34,827.14	(10,852.82)	139	2,505.29
0446.000	Computer Services	4,500.00	.00	4,500.00	359.98	.00	1,447.34	3,052.66	32	1,575.17
0446.008	Software Maint/Licenses	335,000.00	.00	335,000.00	10,546.11	27,651.39	63,100.20	244,248.41	27	68,582.38
0449.000	Billing & Collection	55,000.00	.00	55,000.00	4,431.79	.00	17,727.16	37,272.84	32	17,572.08
0449.001	Sludge Removal	200,000.00	.00	200,000.00	.00	.00	.00	200,000.00	0	3,931.31
0449.003	Waste Disposal	.00	.00	.00	.00	.00	.00	.00	+++	1,468.50
0449.008	Hazardous Waste Displ.	.00	.00	.00	.00	.00	.00	.00	+++	408.63
0449.500	Safety-Contractual	10,000.00	.00	10,000.00	.00	.00	.00	10,000.00	0	.00
0449.599	Undesignated Services	1,036,581.00	.00	1,036,581.00	2,256.93	240.08	708,073.05	328,267.87	68	717,589.26
0451.000	Consultants	80,000.00	.00	80,000.00	18,673.25	245.40	31,449.69	48,304.91	40	14,363.32
0454.000	Attorney Services	60,000.00	.00	60,000.00	3,269.65	.00	23,505.90	36,494.10	39	696.25
0461.000	Postage	35,000.00	.00	35,000.00	776.57	.00	18,360.70	16,639.30	52	3,139.45

Expense Budget Performance Report

Fiscal Year to Date 04/30/24

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>									
0463.000	Travel & Training Expense	42,500.00	.00	42,500.00	1,943.40	4,625.00	11,615.67	26,259.33	38	5,476.16
0463.500	Safety Training	.00	.00	.00	.00	.00	550.00	(550.00)	+++	.00
0465.000	Laundry & Cleaning	1,500.00	.00	1,500.00	.00	.00	373.06	1,126.94	25	.00
0466.000	Books,Mags. & Memberships	500.00	.00	500.00	.00	.00	69.00	431.00	14	.00
0467.000	Advertising	500.00	.00	500.00	45.89	.00	121.97	378.03	24	91.30
0471.000	Recruitment Expenditures	800.00	.00	800.00	.00	.00	315.19	484.81	39	660.00
	<i>Contractual Expenses Totals</i>	\$4,757,381.00	\$10,000.00	\$4,767,381.00	\$166,199.63	\$264,552.45	\$1,512,959.09	\$2,989,869.46	37%	\$1,527,255.94
	<i>Employee Benefits</i>									
0801.000	NYS E.R.S. Retirement	262,341.00	.00	262,341.00	.00	.00	52,730.00	209,611.00	20	44,537.33
0820.000	Worker's Compensation	225,000.00	.00	225,000.00	521.82	.00	1,565.46	223,434.54	1	1,677.46
0830.000	Life Insurance	10,765.00	.00	10,765.00	.00	.00	.00	10,765.00	0	3,657.25
0840.000	Unemployment Ins. NYS	10,000.00	.00	10,000.00	.00	.00	.00	10,000.00	0	.00
0860.000	Medical Insurance	1,753,435.00	.00	1,753,435.00	1,500.00	.00	46,447.44	1,706,987.56	3	505,804.79
0861.000	Dental Insurance	54,450.00	.00	54,450.00	.00	.00	.00	54,450.00	0	.00
0863.000	Vision Care Insurance	4,450.00	.00	4,450.00	.00	.00	.00	4,450.00	0	1,247.91
0865.000	Chiropractic Insurance	3,000.00	.00	3,000.00	240.00	.00	890.00	2,110.00	30	660.00
	<i>Employee Benefits Totals</i>	\$2,323,441.00	\$0.00	\$2,323,441.00	\$2,261.82	\$0.00	\$101,632.90	\$2,221,808.10	4%	\$557,584.74
	<i>Employee Benefit - FICA</i>									
0810.000	Social Security	223,574.00	.00	223,574.00	17,925.32	.00	80,709.21	142,864.79	36	79,132.22
	<i>Employee Benefit - FICA Totals</i>	\$223,574.00	\$0.00	\$223,574.00	\$17,925.32	\$0.00	\$80,709.21	\$142,864.79	36%	\$79,132.22
	EXPENSE TOTALS	\$10,377,450.00	\$0.00	\$10,377,450.00	\$453,373.80	\$277,742.39	\$2,859,876.62	\$7,239,830.99	30%	\$3,228,591.20
Fund	FA - Water Board - Water Totals	\$10,377,450.00	\$0.00	\$10,377,450.00	\$453,373.80	\$277,742.39	\$2,859,876.62	\$7,239,830.99		\$3,228,591.20
	Grand Totals	\$10,377,450.00	\$0.00	\$10,377,450.00	\$453,373.80	\$277,742.39	\$2,859,876.62	\$7,239,830.99		\$3,228,591.20

Expense Budget Performance Report

Fiscal Year to Date 04/30/24

Exclude Rollup Account

Account	Account Description	Adopted Budget	Budget Amendments	Amended Budget	Current Month Transactions	YTD Encumbrances	YTD Transactions	Budget - YTD Transactions	% Used/ Rec'd	Prior Year YTD
Fund	FGB - Water Board									
	EXPENSE									
	<i>Contractual Expenses</i>									
0419.599	Undesignated Supplies	6,750.00	.00	6,750.00	1,197.69	.00	1,908.14	4,841.86	28	2,165.03
0451.000	Consultants	160,000.00	.00	160,000.00	24,046.25	.00	39,997.50	120,002.50	25	47,317.90
0454.000	Attorney Services	100,000.00	.00	100,000.00	1,633.00	.00	3,174.78	96,825.22	3	4,678.74
0459.000	Auditors	24,000.00	.00	24,000.00	.00	.00	.00	24,000.00	0	26,500.00
0461.000	Postage	250.00	.00	250.00	.00	.00	.00	250.00	0	.00
0463.000	Travel & Training Expense	40,000.00	.00	40,000.00	.00	.00	655.71	39,344.29	2	.00
0466.000	Books,Mags. & Memberships	7,000.00	.00	7,000.00	.00	.00	.00	7,000.00	0	1,134.54
	<i>Contractual Expenses Totals</i>	\$338,000.00	\$0.00	\$338,000.00	\$26,876.94	\$0.00	\$45,736.13	\$292,263.87	14%	\$81,796.21
	EXPENSE TOTALS	\$338,000.00	\$0.00	\$338,000.00	\$26,876.94	\$0.00	\$45,736.13	\$292,263.87	14%	\$81,796.21
Fund	FGB - Water Board Totals	\$338,000.00	\$0.00	\$338,000.00	\$26,876.94	\$0.00	\$45,736.13	\$292,263.87		\$81,796.21
	Grand Totals	\$338,000.00	\$0.00	\$338,000.00	\$26,876.94	\$0.00	\$45,736.13	\$292,263.87		\$81,796.21

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	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

MONTH	ACCT #	Account Name	STARTING VALUE	DEPOSITS	WITHDRAWALS	TRANSFERS	NET CHANGE IN VALUE	MONTH ENDING VALUE	PY MONTH ENDING VALUE
FEBRUARY	X4873	Board Expense Account	91,624.83	-	-	-	-	91,624.83	91,624.82
	X4881	O&M Reserve	5,625,181.00	-	-	-	-	5,625,181.00	5,198,449.50
	X4899	Depository	10,291,925.84	2,583,563.96	-	(2,589,739.87)	(6,175.91)	10,285,749.93	5,125,247.44
	X9220	Depository-Keybank	1,834,140.22	153,881.56	-	-	153,881.56	1,988,021.78	847,375.58
	X4906	Payroll	114,660.06	-	(535,745.32)	529,533.99	(6,211.33)	108,448.73	157,195.06
	X4914	Benefits	22,024.75	-	(7,648.00)	7,937.00	289.00	22,313.75	13,771.75
	X0643	Operating	543,469.84	-	(2,010,709.14)	2,052,268.88	41,559.74	585,029.58	652,222.09
	X4445	Grants	33,554.82	-	-	-	-	33,554.82	9,968.74
		Totals	18,556,581.36	2,737,445.52	(2,554,102.46)	0.00	183,343.06	18,739,924.42	12,095,854.98

MONTH	ACCT #	Account Name	STARTING VALUE	DEPOSITS	WITHDRAWALS	TRANSFERS	NET CHANGE IN VALUE	MONTH ENDING VALUE	PY MONTH ENDING VALUE
MARCH	X4873	Board Expense Account	91,624.83	-	-	-	-	91,624.83	91,624.82
	X4881	O&M Reserve	5,625,181.00	295.18	-	(295.18)	-	5,625,181.00	5,198,449.50
	X4899	Depository	10,285,749.93	1,520,183.66	-	(1,719,258.54)	(199,074.88)	10,086,675.05	3,746,290.02
	X9220	Depository-Keybank	1,988,021.78	166,397.74	-	-	166,397.74	2,154,419.52	1,019,545.24
	X4906	Payroll	108,448.73	-	(523,419.88)	529,005.62	5,585.74	114,034.47	141,160.10
	X4914	Benefits	22,313.75	-	(10,519.00)	-	(10,519.00)	11,794.75	14,607.75
	X0643	Operating	585,029.58	-	(1,246,025.40)	1,190,548.10	(55,477.30)	529,552.28	1,266,092.87
	X4445	Grants	33,554.82	-	-	-	-	33,554.82	9,968.74
		Totals	18,739,924.42	1,686,876.58	(1,779,964.28)	-	(93,087.70)	18,646,836.72	11,487,739.04

MONTH	ACCT #	Account Name	STARTING VALUE	DEPOSITS	WITHDRAWALS	TRANSFERS	NET CHANGE IN VALUE	MONTH ENDING VALUE	PY MONTH ENDING VALUE
APRIL	X4873	Board Expense Account	91,624.83	-	-	-	-	91,624.83	91,624.82
	X4881	O&M Reserve	5,625,181.00	-	(1,918,016.00)	1,918,016.00	-	5,625,181.00	5,198,449.50
	X4899	Depository	10,086,675.05	2,916,095.97	-	(2,841,639.50)	74,456.47	10,161,131.52	5,067,979.05
	X9220	Depository-Keybank	2,154,419.52	216,624.21	-	(1,500,000.00)	(1,283,375.79)	871,043.73	227,499.14
	X4906	Payroll	114,034.47	-	(549,769.78)	544,518.16	(5,251.62)	108,782.85	150,527.56
	X4914	Benefits	11,794.75	-	(13,028.00)	27,689.00	14,661.00	26,455.75	3,985.75
	X0643	Operating	529,552.28	-	(1,772,792.02)	1,851,416.34	78,624.32	608,176.60	1,102,029.38
	X4445	Grants	33,554.82	656,599.86	-	-	656,599.86	690,154.68	9,968.74
		Totals	18,646,836.72	3,789,320.04	(4,253,605.80)	0.00	(464,285.76)	18,182,550.96	11,852,063.94

Wilmington Trust

BANK BALANCES-FY 2024

MONTH	ACCT #	Account Name	STARTING VALUE	DEPOSITS	Payments	Change in Market Value	NET CHANGE IN VALUE	MONTH ENDING VALUE
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

MONTH	ACCT #	Account Name	STARTING VALUE	DEPOSITS	Payments	Change in Market Value	NET CHANGE IN VALUE	MONTH ENDING VALUE
FEBRUARY	X3250	Debt Service	5,578,111.90	-	-	21,153.55	21,153.55	5,599,265.45
	X3251	Construction	921.94	-	-	3.50	3.50	925.44
	X3252	Debt Service Reserve	7,481,339.53	-	-	27,348.16	27,348.16	7,508,687.69
	X9279	Expense Account	16,079.32	-	-	-	-	16,079.32
	X4118-0	2022A DSF	302,267.18	138,713.63	-	1,675.02	140,388.65	442,655.83
	X4118-1	2022A Issuance	9,619.92	-	-	-	-	9,619.92
	X2722	Capital Fund Construction	2,745,879.80	-	(333,756.73)	9,205.96	(324,550.77)	2,421,329.03
		Totals	16,134,219.59	138,713.63	(333,756.73)	59,386.19	(135,656.91)	15,998,562.68

MONTH	ACCT #	Account Name	STARTING VALUE	DEPOSITS	Payments	Change in Market Value	NET CHANGE IN VALUE	MONTH ENDING VALUE
MARCH	X3250	Debt Service	5,599,265.45	-	-	22,788.46	22,788.46	5,622,053.91
	X3251	Construction	925.44	-	-	3.76	3.76	929.20
	X3252	Debt Service Reserve	7,508,687.69	-	-	29,252.54	29,252.54	7,537,940.23
	X9279	Expense Account	16,079.32	-	-	-	-	16,079.32
	X4118-0	2022A DSF	442,655.83	138,713.63	-	2,359.69	141,073.32	583,729.15
	X4118-1	2022A Issuance	9,619.92	-	-	-	-	9,619.92
	X2722	Capital Fund Construction	2,421,329.03	(407,191.53)	-	8,866.78	(398,324.75)	2,023,004.28
		Totals	15,998,562.68	(268,477.90)	-	63,271.23	(205,206.67)	15,793,356.01

MONTH	ACCT #	Account Name	STARTING VALUE	DEPOSITS	Payments	Change in Market Value	NET CHANGE IN VALUE	MONTH ENDING VALUE
APRIL	X3250	Debt Service	5,622,053.91	-	-	22,079.34	22,079.34	5,644,133.25
	X3251	Construction	929.20	-	-	3.64	3.64	932.84
	X3252	Debt Service Reserve	7,537,940.23	-	-	28,321.08	28,321.08	7,566,261.31
	X9279	Expense Account	16,079.32	-	-	-	-	16,079.32
	X4118-0	2022A DSF	583,729.15	138,713.63	-	2,814.72	141,528.35	725,257.50
	X4118-1	2022A Issuance	9,619.92	-	-	-	-	9,619.92
	X2722	Capital Fund Construction	2,023,004.28	5,470,895.67	(1,657,223.55)	11,219.66	3,824,891.78	5,847,896.06
		Totals	15,793,356.01	5,609,609.30	(1,657,223.55)	64,438.44	4,016,824.19	19,810,180.20

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	(52,509.36)	-	42,397.43	15,488,100.27	15,220,949.48
MAR	15,488,100.27	(39,965.72)	-	68,695.46	15,516,830.01	15,304,054.61
APR	15,516,830.01	(85,814.98)	-	50,145.27	15,481,160.30	15,271,078.78
MAY	15,481,160.30	-	-	-	15,481,160.30	15,276,545.33
JUN	15,481,160.30	-	-	-	15,481,160.30	15,276,603.36
JUL	15,481,160.30	-	-	-	15,481,160.30	15,287,688.65
AUG	15,481,160.30	-	-	-	15,481,160.30	15,285,805.42
SEP	15,481,160.30	-	-	-	15,481,160.30	15,323,648.49
OCT	15,481,160.30	-	-	-	15,481,160.30	15,367,266.52
NOV	15,481,160.30	-	-	-	15,481,160.30	15,419,482.84
DEC	15,481,160.30	-	-	-	15,481,160.30	15,479,628.77
FY TOTAL		(231,181.03)	-	232,712.56		

BANK PAID DATE	Req #	Invoice Date	PP # of #	VENDOR	Project Name	DESCRIPTION	INVOICE	AMOUNT	CIP FUNDING ACCOUNT
4/5/2024	2024-036	2/19/2024		Weaver Metals & Roofing	WTP Roof Reconstruction	Roof Construction	2023007-04	\$ 223,582.50	WTP-5
4/5/2024	2024-037	1/24/2024	N/A	Grainger	Intermediate Pump Valve Replacement	Parts & Materials	9973535611/997318830 4/9975057234/9010475 292/	\$ 2,082.56	WWTP-11.5
4/5/2024	2024-038	2/23/2024	N/A	RM Headlee	Aumo Actuator	Aumo Actuator	144918	\$ 6,742.58	WTP-7
4/5/2024	2024-039	2/20/2024	40	Motion AI	SCADA Upgrade	SCADA Upgrade	CTR0051653	\$ 373.75	WWTP-10
4/5/2024	2024-040	1/15/2024	N/A	Ferguson Electric	Generator Upgrades	Labor for Generator Control Upgrade	65405	\$ 10,446.28	WTP-6.2
4/5/2024	2024-041	2/22/2024	N/A	Doosan Bobcat North America, Inc.	68" Angle broom for skid steer	68" Angle broom for skid steer	3756909	\$ 9,612.40	S-8
4/5/2024	2024-042	2/19/2024	9	CPL	Whitney & 77th Ave Water Main	Professional Services-January 2024	97682	\$ 9,293.70	W-27
4/5/2024	2024-043	2/14/2024	7	CPL	West Riverside Watermain	Professional Services-January 2024	97530	\$ 4,650.00	W-24
4/5/2024	2024-044	3/27/2023	22	CIR Electric	Basin Modifications-Phase 4A	Electrical work	46626	\$ 2,875.17	WWTP-1
4/5/2024	2024-045	1/12/2024	11	AECOM	Consent Order Services	OEM-October-December 2023	2000845173	\$ 36,870.13	C-5
4/5/2024	2024-046	2/22/2024	12	AECOM	Consent Order Services	OEM-January 2024	2000859594	\$ 11,955.34	C-5
4/5/2024	2024-047	1/15/2024		AECOM	WWTP Rehab Phase 4F Chemical Improvements	Sodium Hypochlorite Improvements	2000845546	\$ 5,636.61	WWTP-6
4/5/2024	2024-048	2/29/2024	2	AECOM	WWTP Rehab Phase 4F Chemical Improvements	Sodium Hypochlorite Improvements	2000862634	\$ 6,761.38	WWTP-6
4/5/2024	2024-049	3/8/2024	13	AECOM	Consent Order Services	OEM-February 2024	2000865929	\$ 5,788.38	C-5
4/8/2024	2024-050	1/26/2024	N/A	Jens Glass Company	New door to WTP Operations	New Door	14905	\$ 6,330.00	WTP-6
4/8/2024	2024-051	12/19/2023	N/A	Jens Glass Company	Security Upgrades WTP	Card Reader System	14881	\$ 41,511.90	WTP-6
4/5/2024	2024-052	11/30/2023	3	Weaver Metals & Roofing	WTP Roof Reconstruction	Roof Construction	2023007-03	\$ 11,545.91	WTP-5
4/5/2024	2024-053	3/15/2024	8	CPL	West Riverside Watermain	Professional Services-February 2024	98384	\$ 2,712.50	W-24
4/5/2024	2024-054	3/15/2024	10	CPL	Whitney & 77th Ave Water Main	Professional Services-February 2025	98383	\$ 3,495.50	W-27
4/5/2024	2024-055	3/15/2024	16	CPL	Basin Upgrades	Construction Administration	98382	\$ 1,105.00	WWTP-1
4/5/2024	2024-056	3/15/2024	42	CPL	Combined Projects-Miscellaneous	Professional Services-Capital Work Management-February 2024	98381	\$ 7,075.04	C-5
4/24/2024	2024-057	11/30/2023	3A	Weaver Metals & Roofing	WTP Roof Reconstruction	Roof Construction	2023007-03A	\$ 64,964.09	WTP-5
4/24/2024	2024-058	3/31/2024	5	Weaver Metals & Roofing	WTP Roof Reconstruction	Roof Construction	2023007-05	\$ 700,150.00	WTP-5
4/24/2024	2024-059	3/31/2024	1-Revised	John W. Danforth	Chlorine Scrubber Equipment	Chlorine Scrubber Equipment	PB112502	\$ 84,075.00	WTP-6.1
4/24/2024	2024-060	4/15/2024	1	John W. Danforth	Chlorine Booster Replacement	Chlorine Booster Replacement	PB112538	\$ 63,487.42	WTP-6.1
4/24/2024	2024-061	4/8/2024	9	CPL	West Riverside Watermain	Professional Services-March 2024	98841	\$ 3,875.00	W-24
4/24/2024	2024-062	4/3/2024	N/A	Saferite Solutions DBA Industrial Safety Products	Holst System	Holst System	491924	\$ 7,512.47	WTP-7
4/24/2024	2024-063	1/23/2024	N/A	Ross Valve Manufacturing	Surge Valve Repair	Surge Valve Repair	01056239/01056299	\$ 11,272.80	WTP-7
4/24/2024	2024-064	3/13/2024	N/A	VWR International LLC	WTP Instrumation	MicroPure Water Purification System	8815525265	\$ 7,318.36	WTP-4
4/24/2024	2024-065	3/13/2024	41	Motion AI	SCADA Upgrade	SCADA Equipment Upgrade	CTR0051822	\$ 64,500.00	WWTP-10
4/24/2024	2024-066	3/7/2024	N/A	General Carbon Corporation	Infrastructure Projects	Carbon Odor Vessel	66854	\$ 15,664.27	WWTP-17
4/24/2024	2024-067	1/19/2024	N/A	Insight Direct USA	Security Upgrades WTP	WTP Verkeda Control Access System	1101135272/110113617 /1101138235	\$ 123,957.51	WTP-2.2
								\$ 1,657,223.55	

NFWB Live

Budget Amendments Report

From Date: 4/1/2024 - To Date: 4/30/2024

Account	G/L Date	Journal	Description	Increases	Decreases	Amended Balance
Fund: GA Water Board - Sewer						
Department: 8130 Sewage Trtmt/Disposal						
Sub Department: 0200 Maintenance						
0419.005 - Tools & Machine Parts				Amended Balance as of: 4/1/2024		\$175,000.00
	04/03/2024	2024-00001054	TRANSFER TO COVER POWERFLEX 750 SERIES TRAINING	\$0.00	\$2,200.00	\$172,800.00
				\$0.00	\$2,200.00	\$172,800.00
0463.000 - Travel & Training Expense				Amended Balance as of: 4/1/2024		\$0.00
	04/03/2024	2024-00001054	TRANSFER TO COVER POWERFLEX 750 SERIES TRAINING	\$2,200.00	\$0.00	\$2,200.00
				\$2,200.00	\$0.00	\$2,200.00
Sub Department: 0200 Maintenance Totals:				\$2,200.00	\$2,200.00	
Department: 8130 Sewage Trtmt/Disposal Totals:				\$2,200.00	\$2,200.00	
Fund Totals: Water Board - Sewer				\$2,200.00	\$2,200.00	
Grand Totals:				\$2,200.00	\$2,200.00	



Monthly O&M Report **For the Month of April 2024**

1. Treatment & Plant Maintenance

1.1. Water – Robert Rowe, updated 05/17/2024.

OPERATIONS AND MAINTENANCE

Total water production for the month of April was 571 million gallons. The average daily water production was 19.0 million gallons. The plant data summary table is included below for your reference.

2024 TOTALS AND AVERAGES

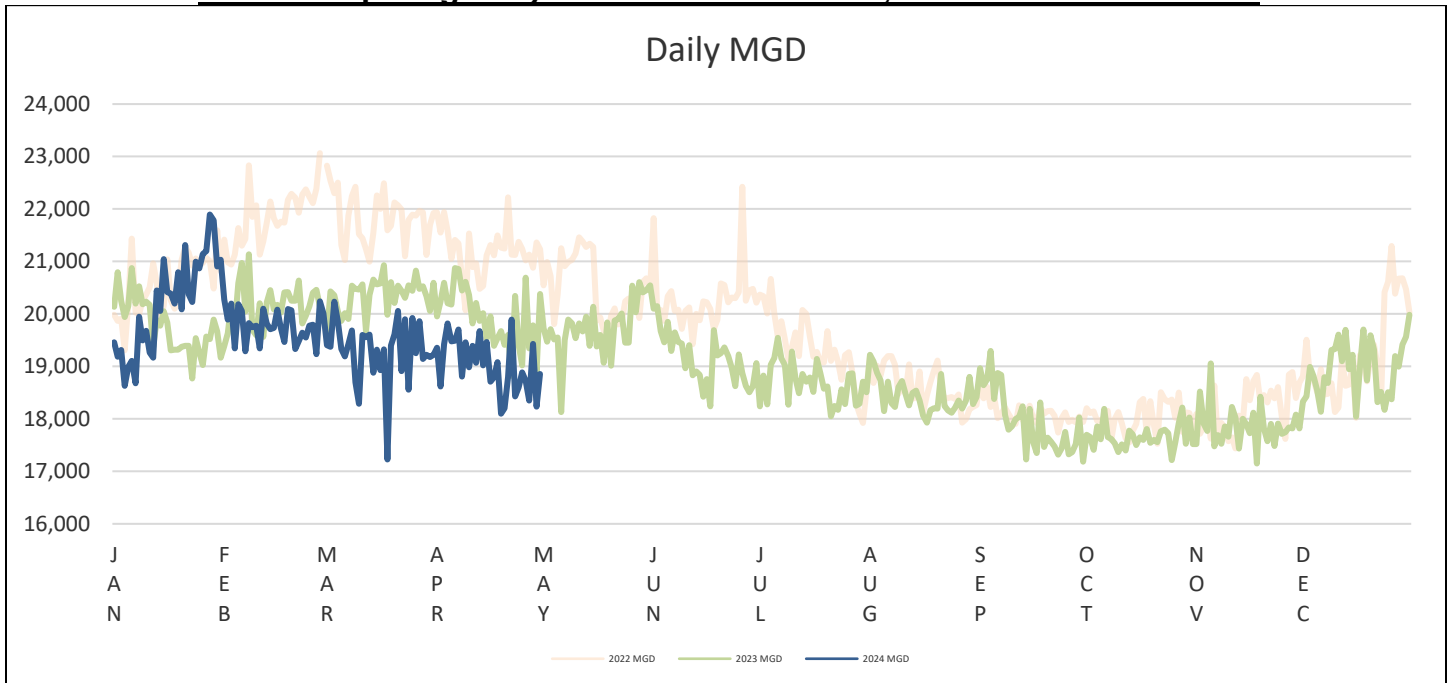
	R/W	PRE CL2	PACL	H2SiF6	PO4	POST CL2	F/W 1000 GAL/ DAY
	PUMPAGE	LBS	LBS	LBS	LBS	LBS	
JAN	626086	6773	137700	15135	3359	3962	20196
FEB	573789	5766	112600	13737	3084	3528	19786
MAR	598173	5810	104900	14181	3145	3758	19296
APR	570863	6809	116300	13892	2906	3517	19029
MAY	0	0	0	0	0	0	0
JUN	0	0	0	0	0	0	0
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	2368911	25158	471500	56945	12494	14765	78307



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	RAW pH	PRE CI2 RES.mg/l	POST CI2 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	8.3	8.1	0.55	1.23	0.031	7.6	0.68
MAR	4.6	8.1	0.54	1.24	0.035	7.6	0.67
APR	4.2	8.0	0.54	1.24	0.041	7.6	0.72
MAY							
JUN							
JUL							
AUG							
SEP							
OCT							
NOV							
DEC							
AVG	6.5	8.1	0.54	1.24	0.035	7.6	0.69

Operations and Maintenance Highlights

Operator Trainees Jay Sandonato and Joe Lewis have passed NY State certification courses needed for licensing. Congratulations!! This is the first step towards becoming Operator.

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. We are awaiting repairs to High Lift #2 before being able to complete a test of the new systems.

Backwash pump #1 check valve now installed and in service. There is a small water leak on the adjacent flange which will need addressing.

High Lift Pump # 2 experienced failure in the motor and pump unit. The motor has been reconditioned and returned to us, and the pump is currently out for service.



Water Treatment Plant Maintenance Planning

This list of larger projects/needs is limited to items that remain in the planning stage; when a comprehensive plan to address has been developed it will be removed.

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

1. 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, awaiting their quote.

2. 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.
- Now that chlorine booster pump project is complete, the next step will be to evaluate the personnel and equipment needed as well as the various parts to address any issues found, goal will be to minimize time the pipe must be isolated.

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

These items are large projects because of need to work in filter area.

4. 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., issue has been discussed with Acting Executive Director.

5. Filter # 1 Broken Wash Water Trough: **High**

6. Automatic Switchover Valve for Chlorine Feed System: **High**

Currently functioning, but due for replacement.

7. Low Lift #2 Check Valve Flange: **Medium**

Leaking.



Wastewater – Dennis Kirkland, Acting Chief Operator- updated 5/15/24

WWTP Operations Data:

WASTEWATER TREATMENT PLANT OPERATING DATA														
2024	FLOWS			Chlorine	Rainfall	SLUDGE		Polymer		FeCl3	LIME	H2O2	NaOCl	Grit
	EFF	CBE	GPS	Residual		NET	LANDFILL	BFP	PRIM					
MONTH	MGD	MGD	MGD	PPM	inches	(Tons)	(Tons)	(Lbs)	(Lbs)	(gals.)	(Tons)	(gals.)	(gals.)	(Tons)
January	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	22.09	34.88	11.47	1.2	0.3	948.0	283.0	1479.0	2096.0	15700	34.5	0	153390	27.7
March	22.60	36.95	11.16	1.3	0.6	1028.0	293.0	1372.0	1938.0	17620	28.7	0	198480	18.3
April	29.39	43.97	13.60	1.3	2.6	1008.0	313.0	1586.0	1882.0	21080	47.4	0	169600	14.4
May												0		
June												0		
July												0		
August												0		
September												0		
October												0		
November												0		
December												0		
Totals	26.32	40.54	12.55	1.3	5.7	4265.0	1314.0	6048.0	8305.0	74970	142.7	0	688160	93.3

Explanation of data abbreviations:

INF: Influent

EFF: Effluent

CBE Carbon Bed Effluent

GPS: Gorge Pump Station

MGD: Millions of Gallons per Day

PPM: Parts Per Million

BFP: Belt Filter Press

PRIM: Primary

FeCl3: Ferric Chloride

H2O2: Peroxide

NaOCl: Sodium Hypochlorite

2023 Data for Comparison Purposes



April 2024

Sampling Notes: None

Project #1 (Sedimentation Basins and Screening) Sed Basin #2 is under construction by HOHL. Construction has resumed and is moving along very well. The Scum building HVAC system has some minor things with SCADA and the automatic system and needs to be ran/tested 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 plates/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 completed all the work that was required from in-house staff in this project. We are over the half-way point of Project #3 and is close to completion besides some minor items, and with moving forward with the belt filter press portion there should be some added time to the project.

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 other transformers outside of Maintenance is installed and concrete pads will be poured so they can power up the others as well.

Project #7 (HVAC) Work is complete at the facility. Training has since been completed except one piece of equipment that was installed in this project which is the outside unit, we were not trained, and unit was not tested with an Ops employee. O&Ms manuals were sent to NFWB electronically, but we do not have a hard copy. NFWB will be doing their own testing of all the units we didn't get to see run or test along with the contractor.

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.



WASTEWATER TREATMENT PLANT OPERATING DATA														
2023		Flows		Chlorine	Rainfall	Sludge		Polymer		FeCl3	LIME	H2O2	NaOCl	Grit
	EFF	CBE	GPS	Residual		NET	LANDFILL	BFP	PRIM					
MONTH	MGD	MGD	MGD	PPM	inches	(Tons)		(Lbs)						
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 5/9/2024

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	76	5691	598	13	0	13	3	1	13	0
March	73	3008	696	4	0	1	3	2	1	0
April	86	17083	1122	45	486.95	2	1	1	2	0
May										
June										
July										
August										
September										
October										
November										
December										
Totals	449	49,682	2787	207	705.75	19	12	5	19	0



2024	Main Break	Svc. Leaks	Curb Box Reset	Valve Repaired	Valve Replaced	Hydrant Replaced	Hydrant Repaired	Hydrant Flow	Hydrant Flush- Maint	Hydrant Leaks	Hydrants out of Svc.	Misc. Svc. Calls	Concrete	Landscape	UFPO
January	9	6	9	0	0	11	3	0	213	0	2	214	0	0	371
February	6	3	15	2	1	12	1	0	249	0	2	76	0	0	598
March	4	9	8	0	1	13	1	0	338	0	0	73	7	0	696
April	1	9-5	3	0	3	7	0	20	334	0	0	86	25	0	1122
May															
June															
July															
August															
September															
October															
November															
December															
Totals	20	27	35	2	4	43	5	20	1134	0	2	449	32	0	2787

Distribution Notes:

Please note under service leaks the first number represents total repairs and second number represents complete copper replacement from main to curb stop.

3. Analytical Services

3.1 Environmental Laboratory – Jordan Boyd, updated 5/13/2024

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

- Monthly collection for the Distribution System was conducted in April. 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 April. All samples were in compliance.
- All in-house monitoring for process water bacteriology and chemistry was within normal limits for April.
- No community complaint or water main breaks were sampled in April.



2. DEC Monitoring/Wastewater Analysis

- The Water Plant SPDES sample collected from the freeze thaw beds was within normal limits for April. Chloroform and Dichlorobromomethane were sampled in April according to the new SPDES permit established in 2023.
- No violations were reported for March for the Wastewater plant State Pollutant Discharge Elimination System (SPDES) report. All required samples were collected for April, and we are waiting for the results from our contracted laboratory.
- Weekly samples were collected and sent out to University at Buffalo for New York State analysis of Covid-19 in the wastewater.
- Industrial samples were processed and sent to a contract lab (Test America) for Total Organic Carbon. All Total Suspended Solids samples were analyzed in house.

3. Other Laboratory Information

- 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 22 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.
- 39 Lead samples were analyzed for Starpoint school district.
- Revenue created for 2024 was \$3,077.00
- Samples analyzed for 2024: 3,127.
- The lab applied to NYS Environmental Laboratory Approval Program (ELAP) to have five new methods to our accreditation. Fecal Coliform, Enterococci, Total Phosphorous, SimPlate, and Colilert.
- First set of Proficiency testing were passed for all five methods. One more set must be passed and site visit from ELAP before full accreditation.



Customers & Compliance

4.1. Meter Shop – Bob Reid Updated 5/13/24

MONTH:	WORK ORDERS	STOPPED METERS	Registers Replaced	Properties Tagged	INDUSTRIAL METERS READ	RESIDENTIAL METERS READ
JANUARY	70	0	9	9	0	7174
FEBRUARY	74	0	11	14	0	5234
MARCH	98	4	9	10	556	5386
APRIL	126	19	11	85	0	7171
MAY						
JUNE						
JULY						
AUGUST						
SEPTEMBER						
OCTOBER						
NOVEMBER						
DECEMBER						
TOTAL	368	23	40	118	556	24965

METER READINGS:

DISTRICT 2	B.REID	M.SCHEBELL	L.Renford	J.PAUL	F.DERUBEIS	TOTAL
4/1/24	2214			1605		3819
4/2/24	1641			1704		3345
4/3/24					7	7
TOTAL	3855			3309	7	7171

Shop read 7171 Residential Meters.



4.2 Industrial Pretreatment - Monitoring / Enforcement – Joel Paradise updated 05/13/2024

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. 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.



4. Industrial Pretreatment - Monitoring / Enforcement cont. – Joel Paradise updated 05/13/2024

7. The 2023 Annual IPP Report to the USEPA and NYSDEC was completed and sent via email on February 27th, 2024 and via USPS Certified Mail on Thursday, February 28th.
8. On Monday, May 6th, 2024, the required 2nd quarter Quarterly Collection System BHC Samples for the collected. As in prior BHC sampling events, the samples were delivered to the Lab to be sent out for analysis.
9. The 2nd Quarter 2024 SIU Self-monitoring Reports due May 31st have begun arriving. They will be logged in, checked for discharge permit compliance, and delivered to Brian Majchrowicz.

5. Safety – John Accardo, Updated 5/17/2024

1. April 2 & 3: Training on Workplace Exposure to Outdoor Hazards
2. April 24: Safety Committee Meeting
3. Working on identifying confined space third-party rescue resources.

6. Technical Services – Doug Williamson, updated 5/9/2024

1. **LaSalle SSO Abatement Program and Consent Order (R9-20080528-32):**
LaSalle SSES Phase 1 Engineering final report was received from Arcadis on February 1st. We have a **NYSDEC WQIP grant** of \$800,000 in place for the construction improvements recommended by this engineering report. We plan on performing the Phase 1 work recommended by the report in-house. We are looking into a **NYSDEC Engineering Planning grant** for the Phase 2 and 3 Sanitary Sewer Evaluation Surveys in LaSalle.

We are planning on revising the current LaSalle consent order for years 12 - 18 and eliminate the remaining work items within the schedule that have a negligible impact on I & I.

2. **NYSDEC Consent Order (R9-20170906-129) WWTP Phase I and II Projects:**
In April, we continued to support CPL and the design consultants on the WWTP Phase I and II projects and continually work on the grant reimbursements for construction work completed.

Project 1 Sedimentation Basins and Scum Collection System Modification –Construction at sedimentation basin no.2 continued.

Project 3 Screenings and Grit Transport Equipment Improvements – close-out of project continued in April.

Project 5 Electrical System Improvements – Power center 5 transformer work to start with Ferguson Electric.



Project 10 SCADA Improvements – work continued as necessary.

Project 12 WWTP Intermediate Pumps work on pump no.1 is ongoing.

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

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

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.

The LaSalle SSO annual report for 2023 was submitted to the NYSDEC on April 1st.

Combined Sewer Overflow (CSO) Annual Report for 2023 resubmission to NYSDEC on April 1st and 10th.

MSGP No Exposure Certification resubmission to NYSDEC on April 9th.

The WWTP NetDMR was approved on April 17th for March 2024.

The BHC PMP annual report for 2023 was submitted to the NYSDEC on April 30th.

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

The 2024 Spring Town of Niagara flow monitoring was completed on 4/8/24 (flow meter removals). The average flow data was provided to the Town on April 16th.

We had a meeting with the Town of Niagara on April 19th to discuss their 2024 billing, flow monitoring and renegotiating of the Agreement.

5. **Stormwater Management**

Continued to address ongoing stormwater management concerns. WNYSC meeting was held in April.

6. **Engineering Support**

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

Assisted with the response required for EPA SDWA RFI - Water Treatment Plant.

Attended Buffalo Niagara Water Keepers Student visit at WWTP on April 23rd.

Investigated the Garfield Tunnel rock collapse on April 26th.



We are looking into using drop-in collar covers for the sedimentation basin concrete walkway opening repairs.

7. **Capital Improvement Projects:**

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

2024 watermain replacement project grant applications list developed in April.

Water Projects

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

The 77th Street Water Main Improvement project bid opening will be May 2nd.

We had a meeting with LaBella Associates on April 9th to discuss the watermain replacement projects recently awarded for design.

Sewer Projects

We had an internal planning and coordination meeting on April 12th and have started the recommended Phase 1 SSES improvements in the LaSalle area.

WTP Projects

In April, we continued to address the WTP Chlorine Scrubber Replacement project and the roof replacement project.

WWTP Projects (additional)

WWTP Sodium Hypochlorite Tank Replacement

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

We had a meeting with AECOM on April 11th to discuss the WWTP and sewer project recently awarded for design.

2024 OXIDIZER BUDGET				
BUDGET =	\$6,500,000.00	for year		
COST =	\$1,098,880.93	to date		
%USED =	16.91%	to date		
BUDGET =	\$17,808.22	per day avg.	\$541,666.67	per month avg.
COST =	\$9,081.66	per day avg.	\$274,720.23	per month avg.
	28.5	Flow (MGD)	121	total days



WWTP DATA		OXIDIZER USEAGE				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	644.8	0	149,340	232	\$236,255.88	275.0	0.43	15,880.0	34.1
Mar-2024	1,024.5	0	242,440	237	\$383,540.08	401.0	0.39	22,820.0	46.5
Apr-2024	850.2	0	139,155	164	\$220,143.21	385.6	0.45	21,090.0	51.3
May-2024									
Jun-2024									
Jul-2024									
Aug-2024									
Sep-2024									
Oct-2024									
Nov-2024									
Dec-2024									
TOTALS	3,444.4	0	694,615	202	\$1,098,880.93	1,421.6	0.42	79,650.0	172.6

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.

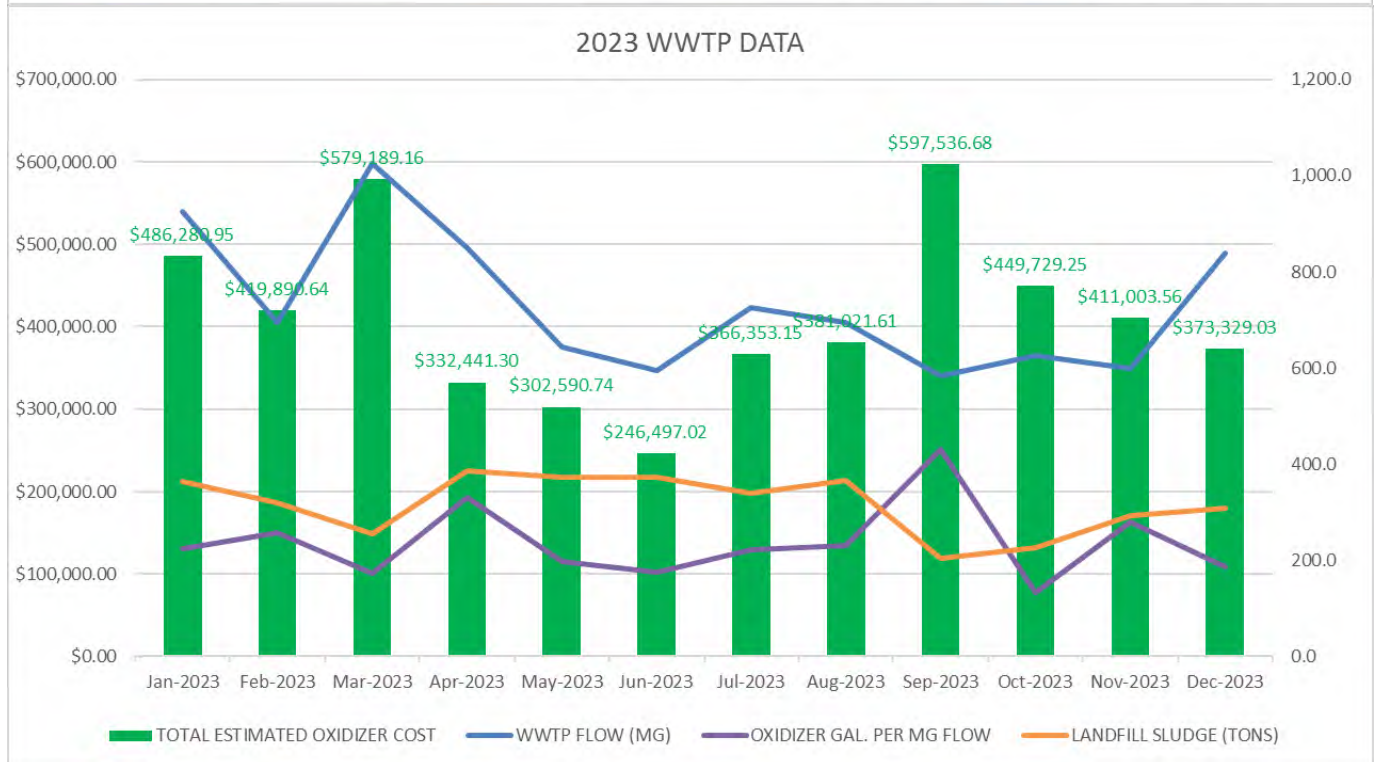
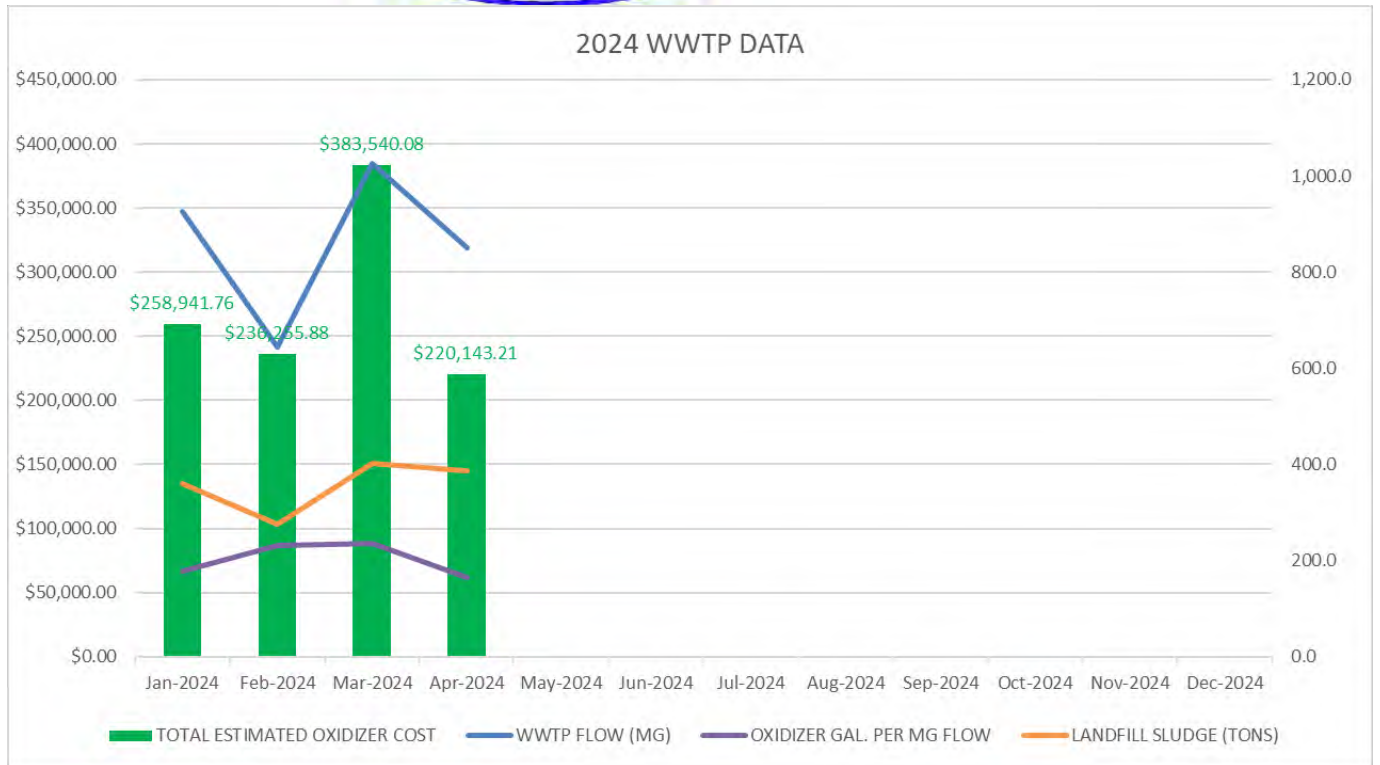
24.1 Flow (MGD) 365 total days



WWTP DATA		OXIDIZER USEAGE				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 5/17/2024

1. No Incidents reported in April.

8. INFORMATION TECHNOLOGY (I.T.) 5/16/2024 – Jonathan Joyce & 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)**

Gorge – we have created a plan for the gorge that involves an access card for the gorge elevator, cameras, and door position indicators. Waiting for quote. Using a 30-day free trial for the alarm feature.

WTP – Tested new Cisco network switches and now getting quotes.

Water Tower – Installed one IP camera using cellular connection. Waiting for spectrum site survey for internet connection.

NFWB – CISA homeland security found one possible high security vulnerability. Corrected actions were taken.

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. Still ongoing.

NFWB – Encountered issues during testing prior to deploying print management software, “printer logic.” The 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 – Deployed mobile device management software to five NFWB cellular devices. Creating a plan to roll out to all NFWB cellular devices.



9. OPERATIONS EXECUTIVE - Updated 5/16/2024 – Dave Conti

- Nussbaumer and Clark will proceed with plans for additional work to belt filter presses on Project #3.
- The Lucy work order software is now in use. Assets are being added and updated.
- Capital project engineering services were awarded to AECOM, Nussbaumer and Clark and LaBella.
- The transformer replacement at WWTP PC #2 is complete. CPL and Ferguson Electric will provide submittals.
- Carbon regeneration tank will be converted to a virgin carbon tank by Hohl beginning June 16.
- WWTP rapid mix is scheduled to be cleaned the week of May 19.
- Intermediate Pump #1 motor has been serviced and returned to WWTP. The butterfly valve for this repair has been delivered. Volland has completed the motor installation and alignment. The rotating element removed during the repair has been shipped to Siewert for evaluation and repair to be used in the rebuild of Intermediate Pump #2.
- The roof replacement at the WTP is continuing at the Administration Building.
- A cover for the mixers removed from the floc basins at the WWTP has been delivered.
- Work continues on the rebuilding of Sedimentation Basin #2 at the WWTP.
- Lighting in the WTP low lift basement has been upgraded to LED. Eight lights are retrofitted, and four control switches are being programmed.

NIAGARA FALLS WATER BOARD RESOLUTION # 2024-05-001

ESRI SOFTWARE LICENSE RENEWAL AGREEMENT

WHEREAS, the Niagara Falls Water Board (“Water Board”) utilizes the Environmental Systems Research Institute, Inc. (“Esri”) software suite as a framework for managing, gathering, and analyzing data regarding its system and its assets; and

WHEREAS, the Esri software allows Water Board employees to have access to up-to-date asset information and employees then can use the available tools to communicate back to the GIS manager updates/changes/issues that need to be addressed in the system; and

WHEREAS, in 2021 the Water Board approved a three-year agreement for Esri software licenses, which expires in July 2024; and

WHEREAS, Water Board staff have received a proposed Esri Enterprise Agreement, offering a fixed price of \$29,300 per year for the renewal of the Esri software license under a new three-year agreement, totaling \$87,900; and

WHEREAS, the Esri software is proprietary, sole-source, and the Water Board has made a substantial long-term investment in systems built using that platform, such that a competitive procurement of the software license renewal that is the subject of this resolution is not feasible;

* CONTINUED ON NEXT PAGE *

NOW THEREFORE BE IT

RESOLVED, that that on behalf of the Niagara Falls Water Board, its Executive Director be and hereby is authorized to enter into a three-year Enterprise Agreement with Environmental Systems Research Institute, Inc. (“Esri”), and to pay to Esri pursuant to the terms of that agreement a total of \$87,900 in three annual installments of \$29,300 each for renewal of the Water Board’s ESRI software suite license.

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

Water Board Budget Line or Capital Plan Item with Funds for this Resolution:
0446.008 Software Maintenance/Licenses
Budget Line Supplied by: A. Janzen
Available Funds Confirmed by: B. Majchrowicz

On May 20, 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



April 20, 2024

Mr. Adam Janzen
Niagara Falls Water Board
5815 Buffalo Ave
Niagara Falls, NY 14304-3832

Dear Adam,

The Esri Small Utility Enterprise Agreement (SUEA) is a three-year agreement that will grant your organization access to Esri term license software. The EA will be effective on the date executed and will require a firm, three-year commitment.

Based on Esri's work with several organizations similar to yours, we know there is significant potential to apply Geographic Information System (GIS) technology in many operational and technical areas within your organization. For this reason, we believe that your organization will greatly benefit from an Enterprise Agreement (EA).

An EA will provide your organization with numerous benefits including:

- A lower cost per unit for licensed software
- Substantially reduced administrative and procurement expenses
- Complete flexibility to deploy software products when and where needed

The following business terms and conditions will apply:

- All current departments, employees, and in-house contractors of the organization will be eligible to use the software and services included in the EA.
- If your organization wishes to acquire and/or maintain any Esri software during the term of the agreement that is not included in the EA, it may do so separately at the Esri pricing that is generally available for your organization for software and maintenance.
- The organization will establish a single point of contact for orders and deliveries and will be responsible for redistribution to eligible users.
- The organization will establish a Tier 1 support center to field calls from internal users of Esri software. The organization may designate individuals as specified in the EA who may directly contact Esri for Tier 2 technical support.
- The organization will provide an annual report of installed Esri software to Esri.
- Esri software and updates that the organization is licensed to use will be automatically available for downloading.
- The fee and benefits offered in this EA proposal are contingent upon your acceptance of Esri's Small Utility EA terms and conditions.

- Licenses are valid for the term of the EA.

The terms and conditions in this Small Utility EA offer are for utilities with a total meter count which falls under the applicable tier in the Esri EA Small Utility Program. By accepting this offer, you confirm that your organization's meter count falls within this range on the date of signature and that you are therefore eligible for this pricing. If your organization's meter count does not fall within this range, please confirm your current meter count, and Esri will provide a revised quotation.

This program offer is valid for 90 days. To complete the agreement within this time frame, please contact me within the next seven days to work through any questions or concerns you may have.

To expedite your acceptance of this EA offer:

1. Sign and return the EA contract with a Purchase Order or issue a Purchase Order that references this EA Quotation and includes the following statement on the face of the Purchase Order:

"THIS PURCHASE ORDER IS GOVERNED BY THE TERMS AND CONDITIONS OF THE ESRI SMALL UTILITY EA, AND ADDITIONAL TERMS AND CONDITIONS IN THIS PURCHASE ORDER WILL NOT APPLY."

Have it signed by an authorized representative of the organization.

2. On the first page of the EA, identify the central point of contact/agreement administrator. The agreement administrator is the party that will be the contact for management of the software, administration issues, and general operations. Information should include name, title (if applicable), address, phone number, and e-mail address.
3. In the purchase order, identify the "Ship to" and "Bill to" information for your organization.
4. Send the purchase order and agreement to the address, email or fax noted below:

Esri
Attn: Customer Service SU-EA
380 New York Street
Redlands, CA 92373-8100

e-mail: service@esri.com
fax documents to: 909-307-3083

I appreciate the opportunity to present you with this proposal, and I believe it will bring great benefits to your organization.

Thank you very much for your consideration.

Best Regards,
Jay Hoffman



Environmental Systems Research Institute, Inc.
380 New York St
Redlands, CA 92373-8100
Phone: (909) 793-2853
DUNS Number: 06-313-4175 CAGE Code: 0AMS3

Quotation # Q-520613

Date: April 20, 2024

Customer # 305615 Contract # ENTERPRISE AGREEMENT

Niagara Falls Water Board
Water Facilities Dept
5815 Buffalo Ave
Niagara Falls, NY 14304-3832

To expedite your order, please attach a copy of this quotation to your purchase order.
Quote is valid from: 4/20/2024 To: 7/19/2024

ATTENTION: Adam Janzen
PHONE: 7162839770 x230
EMAIL: ajanzen@nfwb.org

Material	Qty	Term	Unit Price	Total
168089	1	Year 1	\$29,300.00	\$29,300.00
Meter Counts 10,001 to 50,000 Small Utility Enterprise Agreement Annual Subscription				
168089	1	Year 2	\$29,300.00	\$29,300.00
Meter Counts 10,001 to 50,000 Small Utility Enterprise Agreement Annual Subscription				
168089	1	Year 3	\$29,300.00	\$29,300.00
Meter Counts 10,001 to 50,000 Small Utility Enterprise Agreement Annual Subscription				

Subtotal: \$87,900.00

Sales Tax: \$0.00

Estimated Shipping and Handling (2 Day Delivery): \$0.00

Contract Price Adjust: \$0.00

Total: \$87,900.00

Esri may charge a fee to cover expenses related to any customer requirement to use a proprietary vendor management, procurement, or invoice program.

For questions contact:

Jay Hoffman

Email:

jhoffman@esri.com

Phone:

1-800-447-9778 x5675

The items on this quotation are subject to and governed by the terms of this quotation, the most current product specific scope of use document found at <https://assets.esri.com/content/dam/esrisites/media/legal/product-specific-terms-of-use/e300.pdf>, and your applicable signed agreement with Esri. If no such agreement covers any item quoted, then Esri's standard terms and conditions found at <https://go.esri.com/MAPS> apply to your purchase of that item. If any item is quoted with a multi-year payment schedule, then unless otherwise stated in this quotation, Customer is required to make all payments without right of cancellation. Third-party data sets included in a quotation as separately licensed items will only be provided and invoiced if Esri is able to provide such data and will be subject to the applicable third-party's terms and conditions. If Esri is unable to provide any such data set, Customer will not be responsible for any further payments for the data set. US Federal government entities and US government prime contractors authorized under FAR 51.1 may purchase under the terms of Esri's GSA Federal Supply Schedule. Supplemental terms and conditions found at <https://www.esri.com/en-us/legal/terms/state-supplemental> apply to some US state and local government purchases. All terms of this quotation will be incorporated into and become part of any additional agreement regarding Esri's offerings. Acceptance of this quotation is limited to the terms of this quotation. Esri objects to and expressly rejects any different or additional terms contained in any purchase order, offer, or confirmation sent to or to be sent by buyer. Unless prohibited by law, the quotation information is confidential and may not be copied or released other than for the express purpose of system selection and purchase/license. The information may not be given to outside parties or used for any other purpose without consent from Esri. Payment is due within 30 days of invoice date.

NFWB May 20, 2024 Meeting Agenda Packet Page No. 89

HOFFMANJ

This offer is limited to the terms and conditions incorporated and attached herein.



Quotation # Q-520613

Date: April 20, 2024

Environmental Systems Research Institute, Inc.
380 New York St
Redlands, CA 92373-8100
Phone: (909) 793-2853
DUNS Number: 06-313-4175 CAGE Code: 0AMS3

Customer # 305615 Contract # ENTERPRISE
AGREEMENT

Niagara Falls Water Board
Water Facilities Dept
5815 Buffalo Ave
Niagara Falls, NY 14304-3832

*To expedite your order, please attach a copy of
this quotation to your purchase order.
Quote is valid from: 4/20/2024 To: 7/19/2024*

ATTENTION: Adam Janzen
PHONE: 7162839770 x230
EMAIL: ajanzen@nfwb.org

If you have made ANY alterations to the line items included in this quote and have chosen to sign the quote to indicate your acceptance, you must fax Esri the signed quote in its entirety in order for the quote to be accepted. You will be contacted by your Customer Service Representative if additional information is required to complete your request.

If your organization is a US Federal, state, or local government agency; an educational facility; or a company that will not pay an invoice without having issued a formal purchase order, a signed quotation will not be accepted unless it is accompanied by your purchase order.

In order to expedite processing, please reference the quotation number and any/all applicable Esri contract number(s) (e.g. MPA, ELA, SmartBuy, GSA, BPA) on your ordering document.

BY SIGNING BELOW, YOU CONFIRM THAT YOU ARE AUTHORIZED TO OBLIGATE FUNDS FOR YOUR ORGANIZATION, AND YOU ARE AUTHORIZING ESRI TO ISSUE AN INVOICE FOR THE ITEMS INCLUDED IN THE ABOVE QUOTE IN THE AMOUNT OF \$_____, PLUS SALES TAXES IF APPLICABLE. DO NOT USE THIS FORM IF YOUR ORGANIZATION WILL NOT HONOR AND PAY ESRI'S INVOICE WITHOUT ADDITIONAL AUTHORIZING PAPERWORK.

Please check one of the following:

☐ I agree to pay any applicable sales tax.

☐ I am tax exempt, please contact me if exempt information is not currently on file with Esri.

Signature of Authorized Representative

Date

Name (Please Print)

Title

The quotation information is proprietary and may not be copied or released other than for the express purpose of system selection and purchase/license. This information may not be given to outside parties or used for any other purpose without consent from Environmental Systems Research Institute, Inc. (Esri).

Any estimated sales and/or use tax reflected on this quote has been calculated as of the date of this quotation and is merely provided as a convenience for your organization's budgetary purposes. Esri reserves the right to adjust and collect sales and/or use tax at the actual date of invoicing. If your organization is tax exempt or pays state tax directly, then prior to invoicing, your organization must provide Esri with a copy of a current tax exemption certificate issued by your state's taxing authority for the given jurisdiction.

Esri may charge a fee to cover expenses related to any customer requirement to use a proprietary vendor management, procurement, or invoice program.

For questions contact:
Jay Hoffman

Email:
jhoffman@esri.com

Phone:
1-800-447-9778 x5675

The items on this quotation are subject to and governed by the terms of this quotation, the most current product specific scope of use document found at <https://assets.esri.com/content/dam/esrisites/media/legal/product-specific-terms-of-use/e300.pdf>, and your applicable signed agreement with Esri. If no such agreement covers any item quoted, then Esri's standard terms and conditions found at <https://go.esri.com/MAPS> apply to your purchase of that item. If any item is quoted with a multi-year payment schedule, then unless otherwise stated in this quotation, Customer is required to make all payments without right of cancellation. Third-party data sets included in a quotation as separately licensed items will only be provided and invoiced if Esri is able to provide such data and will be subject to the applicable third-party's terms and conditions. If Esri is unable to provide any such data set, Customer will not be responsible for any further payments for the data set. US Federal government entities and US government prime contractors authorized under FAR 51.1 may purchase under the terms of Esri's GSA Federal Supply Schedule. Supplemental terms and conditions found at <https://www.esri.com/en-us/legal/terms/state-supplemental> apply to some US state and local government purchases. All terms of this quotation will be incorporated into and become part of any additional agreement regarding Esri's offerings. Acceptance of this quotation is limited to the terms of this quotation. Esri objects to and expressly rejects any different or additional terms contained in any purchase order, offer, or confirmation sent to or to be sent by buyer. Unless prohibited by law, the quotation information is confidential and may not be copied or released other than for the express purpose of system selection and purchase/license. The information may not be given to outside parties or used for any other purpose without consent from Esri.

NFWB May 20, 2024 Meeting Agenda Packet Page No. 90

HOFFMANJ

This offer is limited to the terms and conditions incorporated and attached herein.

Esri Use Only:
 Cust. Name _____
 Cust. # _____
 PO # _____
 Esri Agreement # _____



SMALL ENTERPRISE AGREEMENT SMALL UTILITY (E215-2)

This Agreement is by and between the organization identified in the Quotation ("**Customer**") and **Environmental Systems Research Institute, Inc. ("Esri")**.

This Agreement sets forth the terms for Customer's use of Products and incorporates by reference (i) the Quotation and (ii) the Master Agreement. Should there be any conflict between the terms and conditions of the documents that comprise this Agreement, the order of precedence for the documents shall be as follows: (i) the Quotation, (ii) this Agreement, and (iii) the Master Agreement. This Agreement shall be governed by and construed in accordance with the laws of the state in which Customer is located without reference to conflict of laws principles, and the United States of America federal law shall govern in matters of intellectual property. The modifications and additional rights granted in this Agreement apply only to the Products listed in Table A.

**Table A
 List of Products**

Uncapped Quantities

Desktop Software and Extensions (Single Use)

ArcGIS Desktop Advanced
 ArcGIS Desktop Standard
 ArcGIS Desktop Basic
 ArcGIS Desktop Extensions: ArcGIS 3D Analyst,
 ArcGIS Spatial Analyst, ArcGIS Geostatistical Analyst,
 ArcGIS Publisher, ArcGIS Network Analyst, ArcGIS
 Schematics, ArcGIS Workflow Manager, ArcGIS Data
 Reviewer

Enterprise Software and Extensions

ArcGIS Enterprise (Advanced and Standard)
 ArcGIS Monitor
 ArcGIS Enterprise Extensions: ArcGIS 3D Analyst,
 ArcGIS Spatial Analyst, ArcGIS Geostatistical Analyst,
 ArcGIS Network Analyst, ArcGIS Schematics, ArcGIS
 Workflow Manager, ArcGIS Data Reviewer

Enterprise Additional Capability Servers

ArcGIS Image Server

Developer Tools

ArcGIS Runtime Standard
 ArcGIS Runtime Analysis Extension

Limited Quantities

One (1) Professional subscription to ArcGIS Developer
 Two (2) ArcGIS CityEngine Single Use Licenses
 50 ArcGIS Online Viewers
 50 ArcGIS Online Creators
 10,000 ArcGIS Online Service Credits
 50 ArcGIS Enterprise Creators
 5 ArcGIS Insights in ArcGIS Enterprise
 5 ArcGIS Insights in ArcGIS Online
 10 ArcGIS Location Sharing User Type Extension (Enterprise)
 10 ArcGIS Location Sharing User Type Extension (Online)
 50 ArcGIS Advanced Editing User Type Extensions (Enterprise)
 1 ArcGIS Business Analyst Web App Standard (Online)

OTHER BENEFITS

Number of Esri User Conference registrations provided annually	2
Number of Tier 1 Help Desk individuals authorized to call Esri	3
Maximum number of sets of backup media, if requested*	2
Five percent (5%) discount on all individual commercially available instructor-led training classes at Esri facilities purchased outside this Agreement	

*Additional sets of backup media may be purchased for a fee

Customer may accept this Agreement by signing and returning the whole Agreement with (i) the Quotation attached, (ii) a purchase order, or (iii) another document that matches the Quotation and references this Agreement ("**Ordering Document**"). **ADDITIONAL OR CONFLICTING TERMS IN CUSTOMER'S PURCHASE ORDER OR OTHER DOCUMENT WILL NOT APPLY, AND THE TERMS OF THIS AGREEMENT WILL GOVERN.** This Agreement is effective as of the date of Esri's receipt of an Ordering Document, unless otherwise agreed to by the parties ("**Effective Date**").

Term of Agreement: Three (3) years

This Agreement supersedes any previous agreements, proposals, presentations, understandings, and arrangements between the parties relating to the licensing of the Products. Except as provided in Article 4—Product Updates, no modifications can be made to this Agreement.

Accepted and Agreed:

(Customer)

By: _____
Authorized Signature

Printed Name: _____

Title: _____

Date: _____

CUSTOMER CONTACT INFORMATION

Contact: _____

Telephone: _____

Address: _____

Fax: _____

City, State, Postal Code: _____

E-mail: _____

Country: _____

Quotation Number (if applicable): _____

1.0—ADDITIONAL DEFINITIONS

In addition to the definitions provided in the Master Agreement, the following definitions apply to this Agreement:

"Case" means a failure of the Software or Online Services to operate according to the Documentation where such failure substantially impacts operational or functional performance.

"Deploy", "Deployed" and "Deployment" mean to redistribute and install the Products and related Authorization Codes within Customer's organization(s).

"Fee" means the fee set forth in the Quotation.

"Maintenance" means Tier 2 Support, Product updates, and Product patches provided to Customer during the Term of Agreement.

"Master Agreement" means the applicable master agreement for Esri Products incorporated by this reference that is (i) found at <https://www.esri.com/en-us/legal/terms/full-master-agreement> and available in the installation process requiring acceptance by electronic acknowledgment or (ii) a signed Esri master agreement or license agreement that supersedes such electronically acknowledged master agreement.

"Product(s)" means the products identified in Table A—List of Products and any updates to the list Esri provides in writing.

"Quotation" means the offer letter and quotation provided separately to Customer.

"Technical Support" means the technical assistance for attempting resolution of a reported Case through error correction, patches, hot fixes, workarounds, replacement deliveries, or any other type of Product corrections or modifications.

"Tier 1 Help Desk" means Customer's point of contact(s) to provide all Tier 1 Support within Customer's organization(s).

"Tier 1 Support" means the Technical Support provided by the Tier 1 Help Desk.

"Tier 2 Support" means the Esri Technical Support provided to the Tier 1 Help Desk when a Case cannot be resolved through Tier 1 Support.

2.0—ADDITIONAL GRANT OF LICENSE

2.1 Grant of License. Subject to the terms and conditions of this Agreement, Esri grants to Customer a personal, nonexclusive, nontransferable license solely to use, copy, and Deploy quantities of the Products listed in Table A—List of Products for the Term of Agreement (i) for the applicable Fee and (ii) in accordance with the Master Agreement.

2.2 Consultant Access. Esri grants Customer the right to permit Customer's consultants or contractors to use the Products exclusively for Customer's benefit. Customer will be solely responsible for compliance by consultants and contractors with this Agreement and will ensure that the consultant or contractor discontinues use of Products upon completion of work for Customer. Access to or use of Products by consultants or contractors not exclusively for Customer's benefit is prohibited. Customer may not permit its consultants or contractors to install Software or Data on consultant, contractor, or third-party computers or remove Software or Data from Customer locations, except for the purpose of hosting the Software or Data on Contractor servers for the benefit of Customer.

3.0—TERM, TERMINATION, AND EXPIRATION

3.1 Term. This Agreement and all licenses hereunder will commence on the Effective Date and continue for the duration identified in the Term of Agreement, unless this Agreement is terminated earlier as provided herein. Customer is only authorized to use Products during the Term of Agreement. For an Agreement with a limited term, Esri does not grant Customer an indefinite or a perpetual license to Products.

3.2 No Use upon Agreement Expiration or Termination. All Product licenses, all Maintenance, and Esri User Conference registrations terminate upon expiration or termination of this Agreement.

3.3 Termination for a Material Breach. Either party may terminate this Agreement for a material breach by the other party. The breaching party will have thirty (30) days from the date of written notice to cure any material breach.

3.4 Termination for Lack of Funds. For an Agreement with government or government-

owned entities, either party may terminate this Agreement before any subsequent year if Customer is unable to secure funding through the legislative or governing body's approval process.

3.5 Follow-on Term. If the parties enter into another agreement substantially similar to this Agreement for an additional term, the effective date of the follow-on agreement will be the day after the expiration date of this Agreement.

4.0—PRODUCT UPDATES

4.1 Future Updates. Esri reserves the right to update the list of Products in Table A—List of Products by providing written notice to Customer. Customer may continue to use all Products that have been Deployed, but support and upgrades for deleted items may not be available. As new Products are incorporated into the standard program, they will be offered to Customer via written notice for incorporation into the Products schedule at no additional charge. Customer's use of new or updated Products requires Customer to adhere to applicable additional or revised terms and conditions in the Master Agreement.

4.2 Product Life Cycle. During the Term of Agreement, some Products may be retired or may no longer be available to Deploy in the identified quantities. Maintenance will be subject to the individual Product Life Cycle Support Status and Product Life Cycle Support Policy, which can be found at <https://support.esri.com/en/other-resources/product-life-cycle>. Updates for Products in the mature and retired phases may not be available. Customer may continue to use Products already Deployed, but Customer will not be able to Deploy retired Products.

5.0—MAINTENANCE

The Fee includes standard maintenance benefits during the Term of Agreement as specified in the most current applicable Esri Maintenance and Support Program document (found at <https://www.esri.com/en-us/legal/terms/maintenance>). At Esri's sole discretion, Esri may make patches, hot fixes, or updates available for download. No Software other

than the defined Products will receive Maintenance. Customer may acquire maintenance for other Software outside this Agreement.

a. Tier 1 Support

1. Customer will provide Tier 1 Support through the Tier 1 Help Desk to all Customer's authorized users.
2. The Tier 1 Help Desk will be fully trained in the Products.
3. At a minimum, Tier 1 Support will include those activities that assist the user in resolving how-to and operational questions as well as questions on installation and troubleshooting procedures.
4. The Tier 1 Help Desk will be the initial point of contact for all questions and reporting of a Case. The Tier 1 Help Desk will obtain a full description of each reported Case and the system configuration from the user. This may include obtaining any customizations, code samples, or data involved in the Case.
5. If the Tier 1 Help Desk cannot resolve the Case, an authorized Tier 1 Help Desk individual may contact Tier 2 Support. The Tier 1 Help Desk will provide support in such a way as to minimize repeat calls and make solutions to problems available to Customer's organization.
6. Tier 1 Help Desk individuals are the only individuals authorized to contact Tier 2 Support. Customer may change the Tier 1 Help Desk individuals by written notice to Esri.

b. Tier 2 Support

1. Tier 2 Support will log the calls received from Tier 1 Help Desk.
2. Tier 2 Support will review all information collected by and received from the Tier 1 Help Desk including preliminary documented troubleshooting provided by the Tier 1 Help Desk when Tier 2 Support is required.
3. Tier 2 Support may request that Tier 1 Help Desk individuals provide verification of information, additional information, or answers to additional questions to

supplement any preliminary information gathering or troubleshooting performed by Tier 1 Help Desk.

4. Tier 2 Support will attempt to resolve the Case submitted by Tier 1 Help Desk.
5. When the Case is resolved, Tier 2 Support will communicate the information to Tier 1 Help Desk, and Tier 1 Help Desk will disseminate the resolution to the user(s).

6.0—ENDORSEMENT AND PUBLICITY

This Agreement will not be construed or interpreted as an exclusive dealings agreement or Customer's endorsement of Products. Either party may publicize the existence of this Agreement.

7.0—ADMINISTRATIVE REQUIREMENTS

7.1 OEM Licenses. Under Esri's OEM or Solution OEM programs, OEM partners are authorized to embed or bundle portions of Esri products and services with their application or service. OEM partners' business model, licensing terms and conditions, and pricing are independent of this Agreement. Customer will not seek any discount from the OEM partner or Esri based on the availability of Products under this Agreement. Customer will not decouple Esri products or services from the OEM partners' application or service.

7.2 Annual Report of Deployments. At each anniversary date and ninety (90) calendar days prior to the expiration of this Agreement, Customer will provide Esri with a written report detailing all Deployments. Upon request, Customer will provide records sufficient to verify the accuracy of the annual report.

8.0—ORDERING, ADMINISTRATIVE PROCEDURES, DELIVERY, AND DEPLOYMENT

8.1 Orders, Delivery, and Deployment

- a. Upon the Effective Date, Esri will invoice Customer and provide Authorization Codes to activate the nondestructive copy protection program that enables Customer to download,

operate, or allow access to the Products. If this is a multi-year Agreement, Esri may invoice the Fee up to thirty (30) calendar days before the annual anniversary date for each year.

- b. Undisputed invoices will be due and payable within thirty (30) calendar days from the date of invoice. Esri reserves the right to suspend Customer's access to and use of Products if Customer fails to pay any undisputed amount owed on or before its due date. Esri may charge Customer interest at a monthly rate equal to the lesser of one percent (1.0%) per month or the maximum rate permitted by applicable law on any overdue fees plus all expenses of collection for any overdue balance that remains unpaid ten (10) days after Esri has notified Customer of the past-due balance.

- c. Esri's federal ID number is 95-2775-732.

- d. If requested, Esri will ship backup media to the ship-to address identified on the Ordering Document, FOB Destination, with shipping charges prepaid. Customer acknowledges that should sales or use taxes become due as a result of any shipments of tangible media, Esri has a right to invoice and Customer will pay any such sales or use tax associated with the receipt of tangible media.

8.2 Order Requirements. Esri does not require Customer to issue a purchase order. Customer may submit a purchase order in accordance with its own process requirements, provided that if Customer issues a purchase order, Customer will submit its initial purchase order on the Effective Date. If this is a multi-year Agreement, Customer will submit subsequent purchase orders to Esri at least thirty (30) calendar days before the annual anniversary date for each year.

- a. All orders pertaining to this Agreement will be processed through Customer's centralized point of contact.
- b. The following information will be included in each Ordering Document:
 - (1) Customer name; Esri customer number, if known; and bill-to and ship-to addresses
 - (2) Order number
 - (3) Applicable annual payment due

9.0—MERGERS, ACQUISITIONS, OR DIVESTITURES

If Customer is a commercial entity, Customer will notify Esri in writing in the event of (i) a consolidation, merger, or reorganization of Customer with or into another corporation or entity; (ii) Customer's acquisition of another entity; or (iii) a transfer or sale of all or part of Customer's organization (subsections i, ii, and iii, collectively referred to as "**Ownership Change**"). There will be no decrease in Fee as a result of any Ownership Change.

9.1 If an Ownership Change increases the cumulative program count beyond the maximum level for this Agreement, Esri reserves the right to increase the Fee or terminate this Agreement and the parties will negotiate a new agreement.

9.2 If an Ownership Change results in transfer or sale of a portion of Customer's organization, that portion of Customer's organization will transfer the Products to Customer or uninstall, remove, and destroy all copies of the Products.

9.3 This Agreement may not be assigned to a successor entity as a result of an Ownership Change unless approved by Esri in writing in advance. If the assignment to the new entity is not approved, Customer will require any successor entity to uninstall, remove, and destroy the Products. This Agreement will terminate upon such Ownership Change.

**CHANGE ORDERS FOR WWTP PROJECT 3
CONTRACTS 3E AND 3GC CLOSEOUT**

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

WHEREAS, consistent with New York Law, the General/Mechanical Construction and Electrical portions of Project 3 were separately bid; and

WHEREAS, the General/Mechanical Construction Contract, referred to as Contract 3GC, was awarded to Hohl Industrial Services, Inc.; and

WHEREAS, the Electrical Construction Contract, referred to as Contract 3E, was awarded to CIR Electrical Construction Corp.; and

WHEREAS, during the course of construction two change orders each were approved for Contracts 3GC and 3E; and

WHEREAS, there are elements of Project 3 that remain incomplete, particularly with respect to completing wiring and programming of sensors, controls, and meters to allow for integration with the WWTP SCADA system; and

WHEREAS, the Water Board also seeks to add to Project 3 the refurbishment of its three belt filter presses by the original equipment manufacturer, to ensure efficient and reliable sludge dewatering; and

WHEREAS, the Water Board has engaged an engineering firm to perform the design and bidding documents necessary to complete the remaining Project 3 work, which will be bid as a new construction contract in order to ensure a complete and cohesive final system; and

WHEREAS, it therefore is appropriate to close out Contracts 3GC and 3E, with appropriate credits back to the Water Board for work that was not performed, to be accomplished through change order 3 to each contract; and

WHEREAS, for Contract 3GC, the total authorized contract price after previously approved change orders was \$1,568,048.15, and after Change Order 3-GC-003 the total contract price will be \$1,551,992.21; and

WHEREAS, for Contract 3E, the total authorized contract price after previously approved change orders was \$216,258.57, and after Change Order 3-EC-003 the total contract price will be \$211,479.64; and

NOW THEREFORE BE IT

RESOLVED, that the Executive Director hereby is authorized to execute on behalf of the Niagara Falls Water Board change order 3-GC-003 to the WWTP Project 3 general contractor agreement with Hohl Industrial Services, Inc., for a net decrease of \$16,055.94 to that contract amount; and

IT IS FURTHER RESOLVED, that the Executive Director hereby is authorized to execute on behalf of the Niagara Falls Water Board change order 3-EC-003 to the WWTP Project 3 electrical contractor agreement with CIR Electrical Construction Corp., Inc., for a net decrease of \$4,778.93 to that contract amount.

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

Water Board Budget Line or Capital Plan Item with Funds for this Resolution:
Capital Plan Items: WWTP 3
Capital Line Supplied by: D. Williamson
Available Funds Confirmed by: B. Majchrowicz

On May 20, 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

CHANGE ORDER 3-GC-003

Owner: Niagara Falls Water Board
Engineer: Arcadis of New York, Inc.
Contractor: Hohl Industrial Services, Inc.
Project: Project No. 3
Contract Name: General Contract 3G
Date Issued: April 8, 2024
Owner's Project No.: 3
Engineer's Project No.: 30066326
Contractor's Project No.: 179421
Effective Date of Change Order: April 8, 2024

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


Description:

1. Provide a credit for deleting belt filter press controls Work.
2. General contingency allowance reduced to zero and closed out to reflect the actual amounts used during the Project, for a net credit.
3. Math error on Change Order 3-GC-002.

Attachments:

1. 4/05/2024 Change Proposal for change issue 3-GC-020.
2. Contingency allowance authorizations:
 - a. 1/24/2022 allowance authorization for change issue 3-GC-003.
 - b. 1/24/2022 allowance authorization for change issue 3-GC-005.
 - c. 1/28/2022 allowance authorization for change issue 3-GC-007.
3. Change Order 3-GC-002 excerpts (page 1, 3, and 50 of the PDF).

Change in Contract Price	Change in Contract Times (Calendar Days)
Original Contract Price: \$ 1,527,000.00	Original Contract Times: Substantial Completion: 172 Ready for final payment: 200
[Increase] [Decrease] from previously approved Change Orders: \$ 41,048.15	[Increase] [Decrease] from previously approved Change Orders: Substantial Completion: 832 Ready for final payment: 860
Contract Price prior to this Change Order: \$ 1,568,048.15	Contract Times prior to this Change Order: Substantial Completion: 1004 Ready for final payment: 1032
[Increase] [Decrease] per this Change Order: \$ (\$16,055.94)	[Increase] [Decrease] this Change Order: Substantial Completion: 0 Ready for final payment: 0
Contract Price incorporating this Change Order: \$ 1,551,992.21	Contract Times with all approved Change Orders: Substantial Completion: 1004 Ready for final payment: 1032

Recommended by Engineer		Accepted by Contractor	
By:			
Title:	Project Manager		President
Date:	April 8, 2024		April 9, 2024
Authorized by Owner		Approved by Funding Agency (if applicable)	
By:			
Title:			
Date:			



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

CHANGE PROPOSAL

Owner: Niagara Falls Water Board
 Project Name: Wastewater Treatment Plant Upgrades Project No.
 3 Change Proposal No.: 3-GC-020 No Copy of Request 03/29/24
 Date: Submitted in Response to Proposal Request No.: _____
 Contract Name and No.: NFWWTP Screenings and Grit Transport Equip Improvements
 Contractor: Hohl Industrial Services, Inc.
 Subject: Delete BFP Control Work

The following changes to the Contract are proposed:

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

1. *Item:* Delete Start-up/Training on BFP Control System (per email between Dan Seider and Brad Roberts
~~XXXXXX~~: Dated 05/22/23)

JUSTIFICATION:

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

CHANGES IN CONTRACT PRICE AND CONTRACT TIMES:

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

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

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

Description	Amount	Contract Times (days)	
		Substantial	Final
1. Item Delete Start-up / Training	15,000.00	0	0
2. Item	\$0.00	0	0
Total This Change Proposal	\$15,000.00	0	0

Changes to Milestones, if any: _____

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

Change Proposal by: Pat Ebert

Signature of Proposer: _____



ALLOWANCE AUTHORIZATION

Project: Niagara Falls WWTP Project 3 Authorization Number: 3-GC-003

From: Arcadis of New York, Inc.

To: Hohl Industrial Services, Inc., 770 Riverview Date: January 22, 2022

Boulevard, Buffalo, New York 14150 Engineer Project Number: 30066326

Re: Pipe Demolition and Relocation Contract For: General

You are authorized to perform the following item(s) of Work and to adjust the General Contingency Allowance Sum in accordance with the attached 1/20/2022 Change Proposal as follows:

Change Issue 3-GC-003: Remove or modify the existing piping along the east wall in the polymer area that conflict with the new concrete slab in the polymer storage room.

THIS IS NOT A CHANGE ORDER AND DOES NOT INCREASE OR DECREASE THE CONTRACT AMOUNT

Original General Contingency Allowance	\$ 25,000.00
Allowance Expenditures prior to this Authorization	\$ 0.00
Allowance Balance prior to this Authorization	\$ 25,000.00
Allowance will be [increased] [decreased] by this Authorization.....	\$ 13,210.74
New Allowance Balance	\$ 11,789.26

APPROVAL RECOMMENDED (per direction from Owner)

Arcadis of New York, Inc.
Engineer

By: Jason J. Williams, PE 1/22/2022
Date

OWNER APPROVAL

Niagara Falls Water Board
Owner

By: Douglas J. Williams 1/24/22
Date

CONTRACTOR ACCEPTANCE

Hohl Industrial Services, Inc.
Contractor

By: [Signature] 1/24/22
Date

☐ Attachments

Copies: ☒ Owner ☒ Contractor ☐ _____ ☒ Engineer ☒ RPR ☐ _____ ☒ File



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

CHANGE PROPOSAL

Owner: Niagara Falls Water Board
 Project Name: Wastewater Treatment Plant Upgrades Project No. 3
 Change Proposal No.: 3-GC-003 Rev2 Date: 1/20/22
 Submitted in Response to Proposal Request No.: None
 Contract Name and No.: NFWWTP Screenings and Grit Transport Equip Improvements
 Contractor: Hohl Industrial Services, Inc.
 Subject: Removal and/or modifications to existing pipe

The following changes to the Contract are proposed:

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

1. *Item:* Change Proposal 3-GC-003: Change Proposal for removal and/or modifications to existing piping and conduit along the east wall of the polymer area that conflict with the new concrete slab in the polymer storage room.

JUSTIFICATION:

1. *Item:* Per Review with Cati Knab, Determined that most of the piping can either be removed as it is no longer in service or it can be relocated to better facilitate installation of the floor.
2. *Item:*

CHANGES IN CONTRACT PRICE AND CONTRACT TIMES:

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

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

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

Description	Amount	Contract Times (days)	
		Substantial	Final
1. Item 02 41 00 Demolition	\$13,210.74	0	0
2. Item	\$0.00	0	0
Total This Change Proposal	\$13,210.74	0	0

Changes to Milestones, if any: _____

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

Change Proposal by: Bradley Roberts

Signature of Proposer: 

Project:	NFWB - Project 3	RCO#:	3
Contractor:	Hohl Industrial Services	Original PO#	
Contract No.:	3G	DATE:	1/20/2022
Scope:	Remove 10" Black Iron Pipe	Proj.No.:	3G
Subject:	Change Proposal 3-GC-003	PCO. No.:	

[illegible]

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300 Scott Street
 Buffalo NY 14204
 Phone: 716-614-7473 Fax: 716-614-7465
 www.mollenbergbetz.com

To: Hohl Industrial
 770 Riverview Blvd.
 Tonawanda, NY 14150

Date: 1/25/2022
 Doc #: PCO-RS34503-01-1

Project: Niagara Falls Water Board: Proj. #3
 Polymer Rm. Upgrades

Re: Piping Modifications/Demo

Proposed Change Order

The following is our material and labor breakdown to demo (2) 4" Ductile "black pipe" and angle support off back polymer room wall to allow for concrete to be poured.

Cost Breakdown

MB Labor: 2men/1wk.	\$4,200.00
MB Material	\$.00
Equipment Rental(s).....	\$188.00
Subtotal	\$4,388.00
MB Mark-Up (15%).....	\$659.00
Grand Total	\$5,047.00

*** Owner to be responsible for any draining/flushing/isolation of lines including first line break for ***
 in-service piping

Sales or use taxes are not included in our pricing. If applicable, they will be added to the price quoted. If the project is treated as a capital improvement, the price quoted will increase by the cost of the use tax incurred by Mollenberg-Betz.

Total cost of proposed change to contract.....\$5,047.00
 Change to contract completion dateday(s)

Originated by Mollenberg-Betz

Acknowledged by

Signed:

By: Rob Szymkowiak
 Project Manager

Date: 1/25/2021

Signed:

By:

Date:

NFWB Project #3: Polymer Equipment Upgrades

Mollenberg Betz Job # RS34503

CHANGE QUOTE SUMMARY
PCO_01 - Demo & Pipe Modifications
(2) 4" Black Pipe & Angle Support

Labor - Journeyman	20.0 Hours @	98.00	1960.00	
Supervision - Foreman	20.0 Hours @	112.00	2240.00	
Project Manager	0.0 Hours @	112.00	0.00	
As Built Drawings	0.0 Hours @	80.00	0.00	
Truck & Driver	0.0 Hours @	80.00	0.00	
Piping & Equipment ID	0.0 Hours @	98.00	0.00	
Labor Insurance & Taxes			0.00	
Total Labor				4200.00
Material			0.00	
Equipment			188.60	
Equipment			0.00	
Rental Tools - Welder, cutting torch, pipe machine			0.00	
Gas & Oil for rentals			0.00	
Welding Tests			0.00	
NDE Requirements			0.00	
Other Direct Costs :			0.00	
Total Equipment and Material				188.60
Sub-Total				4388.60
Overhead & Profit 15%				658.29
Total Direct Costs				5046.89

Sub Contractor Costs

Sheetmetal Subcontractor	0.00	
Insulation Subcontractor	0.00	
Balancing Subcontractor	0.00	
G.C. Subcontractor	0.00	
Temp. Control Subcontractor	0.00	
Other Subcontract work:	0.00	
Other Subcontract work:	0.00	
Other Subcontract work:	0.00	
Total Subcontractor costs	0.00	
Overhead & Profit 10%	0.00	
Sub-Total		0.00
TOTAL		5046.89

Total Change Proposal Request

\$5,047

Your Cart



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[Recalculate](#)

ITEM DESCRIPTION	EACH	QTY	TOTAL	
2x10x16' ROD & CLIP SCAFFOLD	\$47.15	<input type="text" value="4"/>	\$188.60	

CALCULATE SHIPPING (optional)

Country:

State:

Zip / Postal Code:

[Get Shipping Options](#)

Tax: \$0.00
Total: \$188.60

Pay in 4 interest-free payments of \$47.15
with [PayPal](#). [Learn more](#)

[Proceed To Checkout](#)



300 Scott Street
 Buffalo NY 14204
 Phone: 716-614-7473 Fax: 716-614-7465
 www.mollenbergbetz.com

To: Hohl Industrial
 770 Riverview Blvd.
 Tonawanda, NY 14150

Date: 12/15/2021
 Doc #: PCO-RS34503-01

Project: Niagara Falls Water Board: Proj. #3
 Polymer Rm. Upgrades

Re: Piping Modifications/Demo

Proposed Change Order

The following is our material and labor breakdown to demo and cap (4) 1" PVC ferric chloride lines and resupport piping as necessary.

Cost Breakdown

MB Labor:	\$1,064.00
MB Material	\$40.00
Equipment Rental(s).....	\$0.00
Subtotal	\$1,104.00
MB Mark-Up (15%).....	\$166.00
Grand Total	\$1,270.00

*** Owner to be responsible for any draining/flushing/isolation of lines including first line break for ***
 in-service piping.

Sales or use taxes are not included in our pricing. If applicable, they will be added to the price quoted. If the project is treated as a capital improvement, the price quoted will increase by the cost of the use tax incurred by Mollenberg-Betz.

Total cost of proposed change to contract.....\$1,270.00
 Change to contract completion dateday(s)

Originated by Mollenberg-Betz

Acknowledged by

Signed: _____

Signed: _____

By: Rob Szymkowiak
 Project Manager

By: _____

Date: 12/15/2021

Date: _____

NFWB Project #3: Polymer Equipment Upgrades**Mollenberg Betz Job # RS34503**

CHANGE QUOTE SUMMARY
PCO_01 - Demo & Pipe Modifications
(4) Ferric Chloride Lines

Labor - Journeymen	4.0 Hours @	98.00	392.00	
Supervision - Foreman	4.0 Hours @	112.00	448.00	
Project Manager	2.0 Hours @	112.00	224.00	
As Built Drawings	0.0 Hours @	80.00	0.00	
Truck & Driver	0.0 Hours @	80.00	0.00	
Piping & Equipment ID	0.0 Hours @	98.00	0.00	
Labor Insurance & Taxes			0.00	
Total Labor				1064.00
Material			40.40	
Equipment			0.00	
Rental Tools - Welder, cutting torch, pipe machine			0.00	
Gas & Oil for rentals			0.00	
Welding Tests			0.00	
NDE Requirements			0.00	
Other Direct Costs :			0.00	
Total Equipment and Material				40.40
Sub-Total				1104.40
Overhead & Profit 15%				165.66
Total Direct Costs				1270.06

Sub Contractor Costs

Sheetmetal Subcontractor	0.00	
Insulation Subcontractor	0.00	
Balancing Subcontractor	0.00	
G.C. Subcontractor	0.00	
Temp. Control Subcontractor	0.00	
Other Subcontract work:	0.00	
Other Subcontract work:	0.00	
Other Subcontract work:	0.00	
Total Subcontractor costs	0.00	
Overhead & Profit 10%	0.00	
Sub-Total		0.00
TOTAL		1270.06

Total Change Proposal Request**\$1,270**

Order

+ Show line references

Save for later

Table View

Print

Send

Purchase Order (optional)

Ships today

1



Thick-Wall PVC Plastic Pipe Fitting for Water
Cap, 1 Pipe Size Socket-Connect Female
4981K53

4
Each

\$5.63
Each

\$26.52

X

Merchandise \$40.40
Applicable shipping and tax will be added.

Log in to place an order

2



Strut-Mount Metal Routing Clamp
Zinc-Plated Steel, 1-3/8" ID, 5/64" Thick
31151355

4
Each

\$3.47
Each

\$13.86

X

+ Add a line

[show](#)

☒ Stay logged in [Reset Password](#)

+ Additional instructions



300 Scott Street
 Buffalo NY 14204
 Phone: 716-614-7473 Fax: 716-614-7465
 www.mollenbergbetz.com

To: Hohl Industrial
 770 Riverview Blvd.
 Tonawanda, NY 14150

Date: 1/25/2022
 Doc #: PCO-RS34503-01-1

Project: Niagara Falls Water Board: Proj. #3
 Polymer Rm. Upgrades

Re: Piping Modifications/Demo

Proposed Change Order

The following is our material and labor breakdown to demo (2) 4" Ductile "black pipe" and angle support off back polymer room wall to allow for concrete to be poured.

Cost Breakdown

MB Labor: 2men/1wk.	\$4,200.00
MB Material	\$.00
Equipment Rental(s).....	\$188.00
Subtotal	\$4,388.00
MB Mark-Up (15%).....	\$659.00
Grand Total	\$5,047.00

*** Owner to be responsible for any draining/flushing/isolation of lines including first line break for ***
 in-service piping

Sales or use taxes are not included in our pricing. If applicable, they will be added to the price quoted. If the project is treated as a capital improvement, the price quoted will increase by the cost of the use tax incurred by Mollenberg-Betz.

Total cost of proposed change to contract.....\$5,047.00
 Change to contract completion dateday(s)

Originated by Mollenberg-Betz

Acknowledged by

Signed:

By: Rob Szymkowiak
 Project Manager

Date: 1/25/2021

Signed: _____

By: _____

Date: _____

NFWB Project #3: Polymer Equipment Upgrades**Mollenberg Betz Job # RS34503**

CHANGE QUOTE SUMMARY
PCO_01 - Demo & Pipe Modifications
(2) 4" Black Pipe & Angle Support

Labor - Journeyman	20.0 Hours @	98.00	1960.00	
Supervision - Foreman	20.0 Hours @	112.00	2240.00	
Project Manager	0.0 Hours @	112.00	0.00	
As Built Drawings	0.0 Hours @	80.00	0.00	
Truck & Driver	0.0 Hours @	80.00	0.00	
Piping & Equipment ID	0.0 Hours @	98.00	0.00	
Labor Insurance & Taxes			0.00	
Total Labor				4200.00
Material			0.00	
Equipment			188.60	
Equipment			0.00	
Rental Tools - Welder, cutting torch, pipe machine			0.00	
Gas & Oil for rentals			0.00	
Welding Tests			0.00	
NDE Requirements			0.00	
Other Direct Costs :			0.00	
Total Equipment and Material				188.60
Sub-Total				4388.60
Overhead & Profit 15%				658.29
Total Direct Costs				5046.89

Sub Contractor Costs

Sheetmetal Subcontractor	0.00	
Insulation Subcontractor	0.00	
Balancing Subcontractor	0.00	
G.C. Subcontractor	0.00	
Temp. Control Subcontractor	0.00	
Other Subcontract work:	0.00	
Other Subcontract work:	0.00	
Other Subcontract work:	0.00	
Total Subcontractor costs	0.00	
Overhead & Profit 10%	0.00	
Sub-Total		0.00
TOTAL		5046.89

Total Change Proposal Request**\$5,047**

Your Cart



Empty My Cart

ITEM DESCRIPTION	EACH	QTY	TOTAL
2x10x16' ROD & CLIP SCAFFOLD	\$47.15	4	\$188.60

Coupon code? Enter it here: [Apply](#)

CALCULATE SHIPPING (optional)

Country:

State:

Zip / Postal Code:

[Get Shipping Options](#)

[Recalculate](#)

Tax: \$0.00
Total: \$188.60

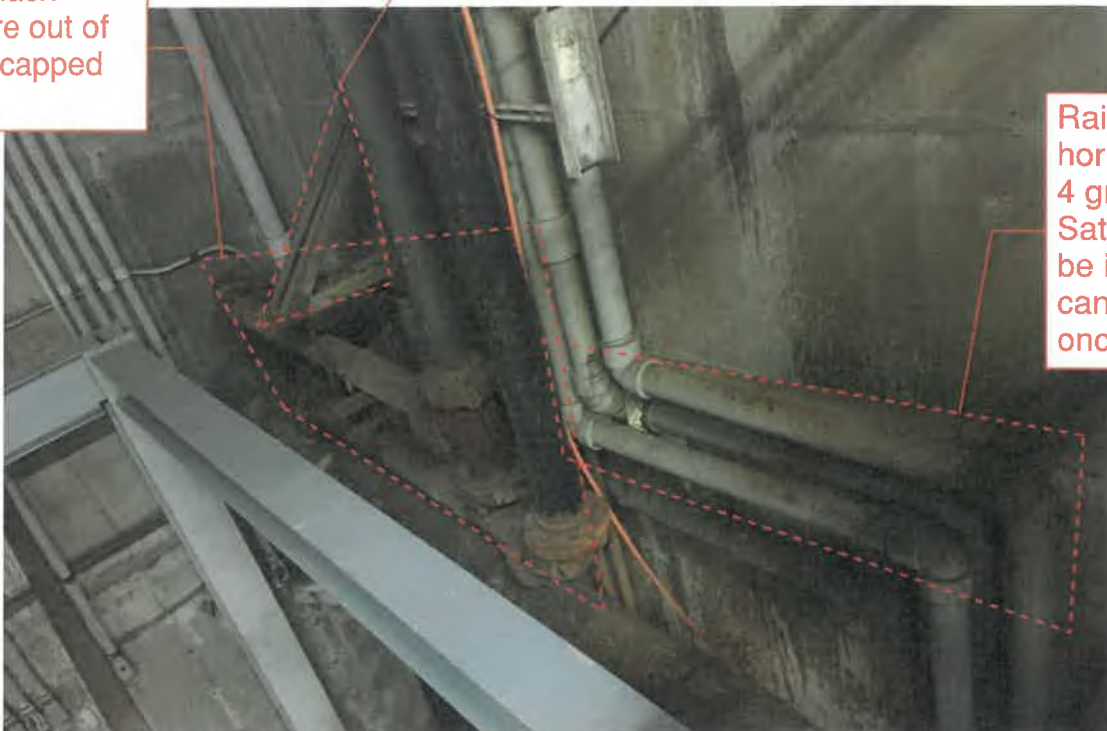
Pay in 4 interest-free payments of \$47.15 with **PayPal**. [Learn more](#)

[Proceed To Checkout](#)

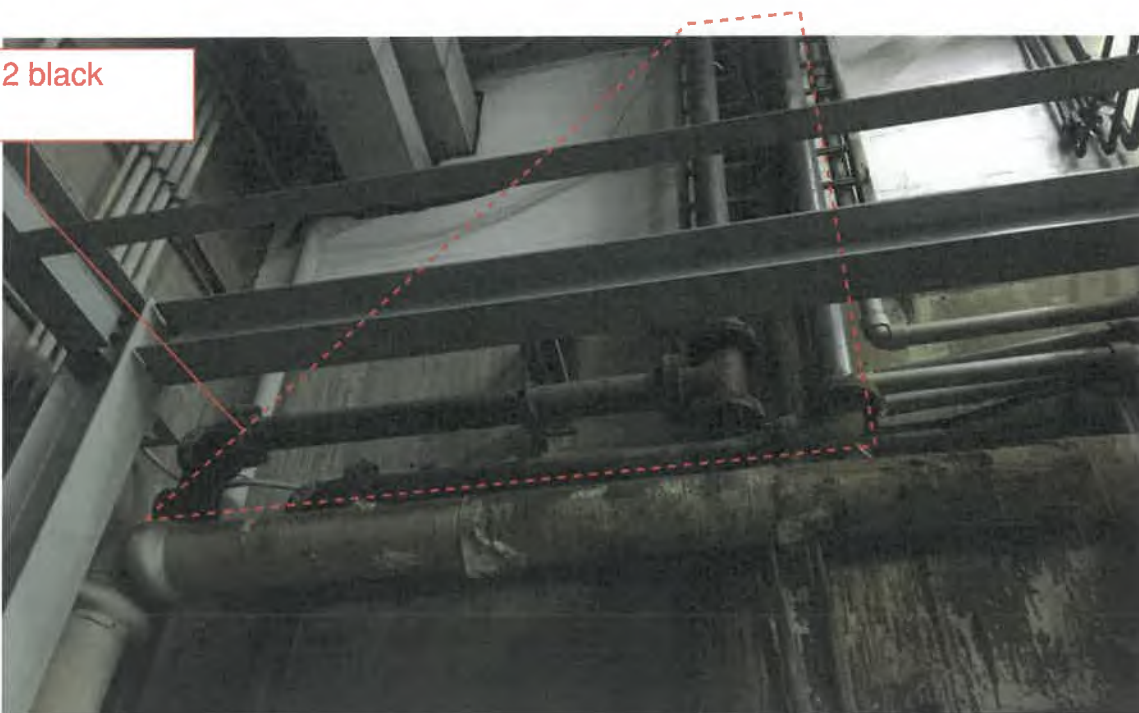
Remove 2 black pipes that are out of service and capped upstairs

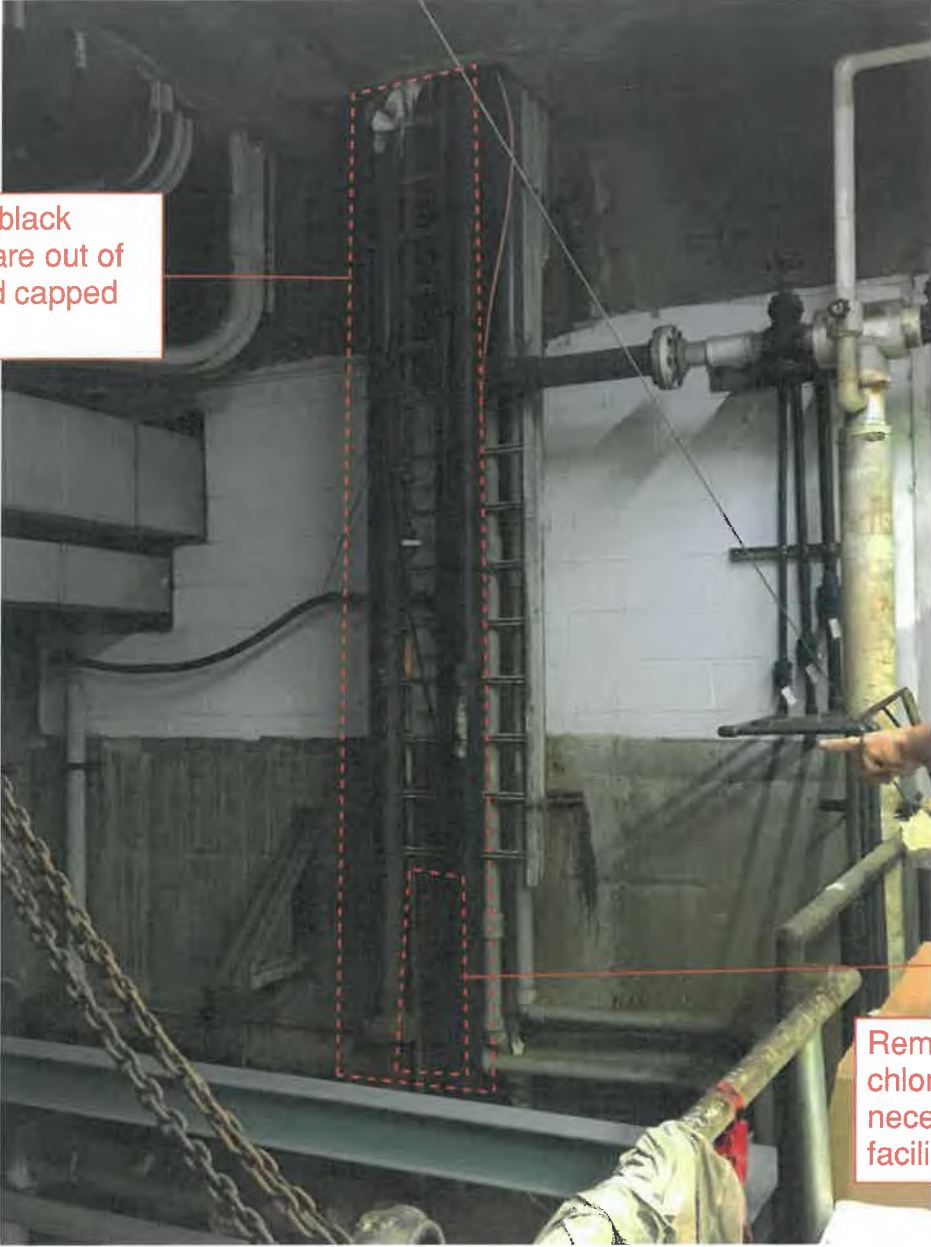
Remove pipe support angle bracket

Raise or lower horizontal section of 4 gray PVC pipes. Saturday work would be ideal as all lines can be shut down at once.



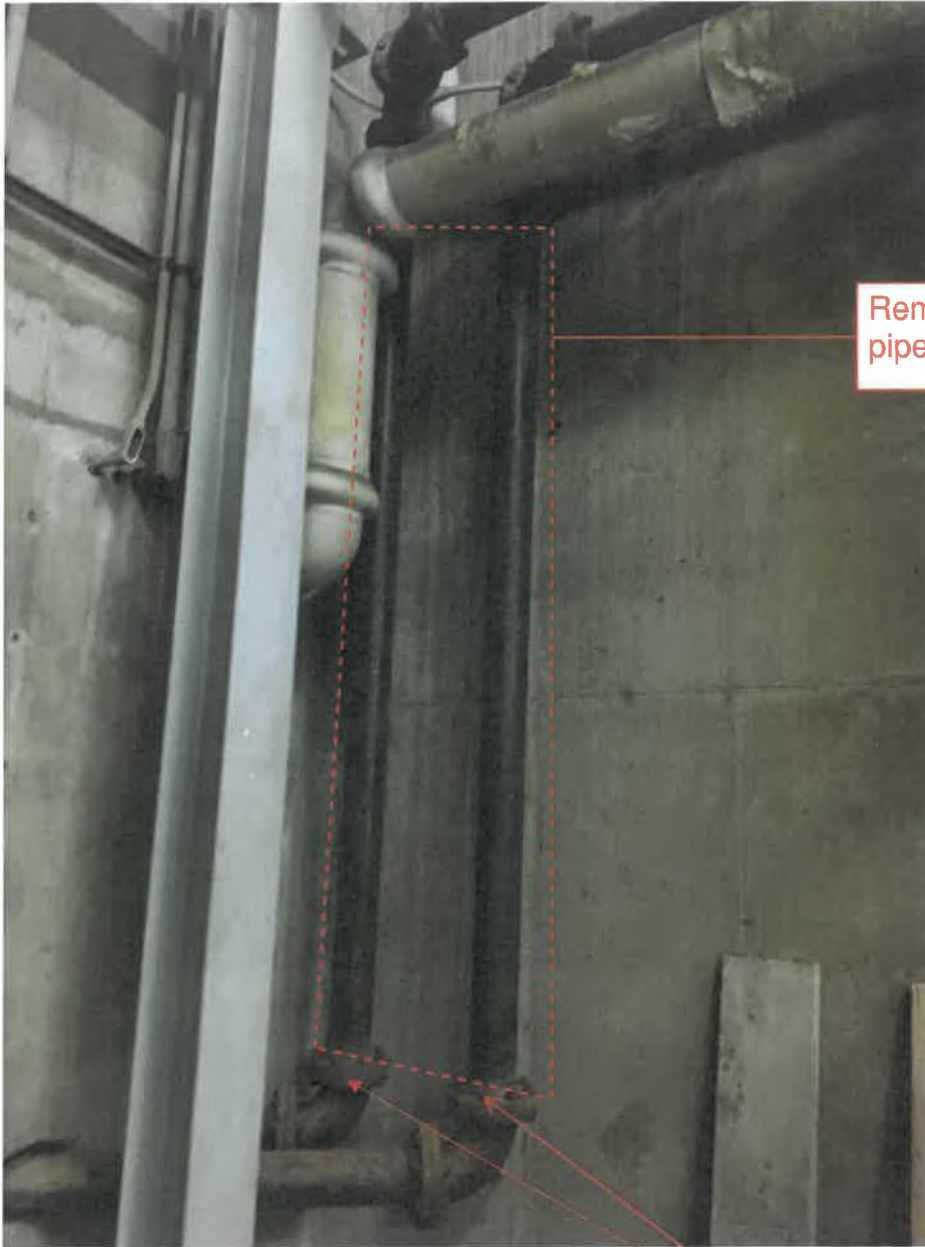
Remove 2 black pipes





Remove 2 black
pipes that are out of
service and capped
upstairs

Remove ferric
chloride lines as
necessary to
facilitate floor pour.



Remove 2 black pipes.

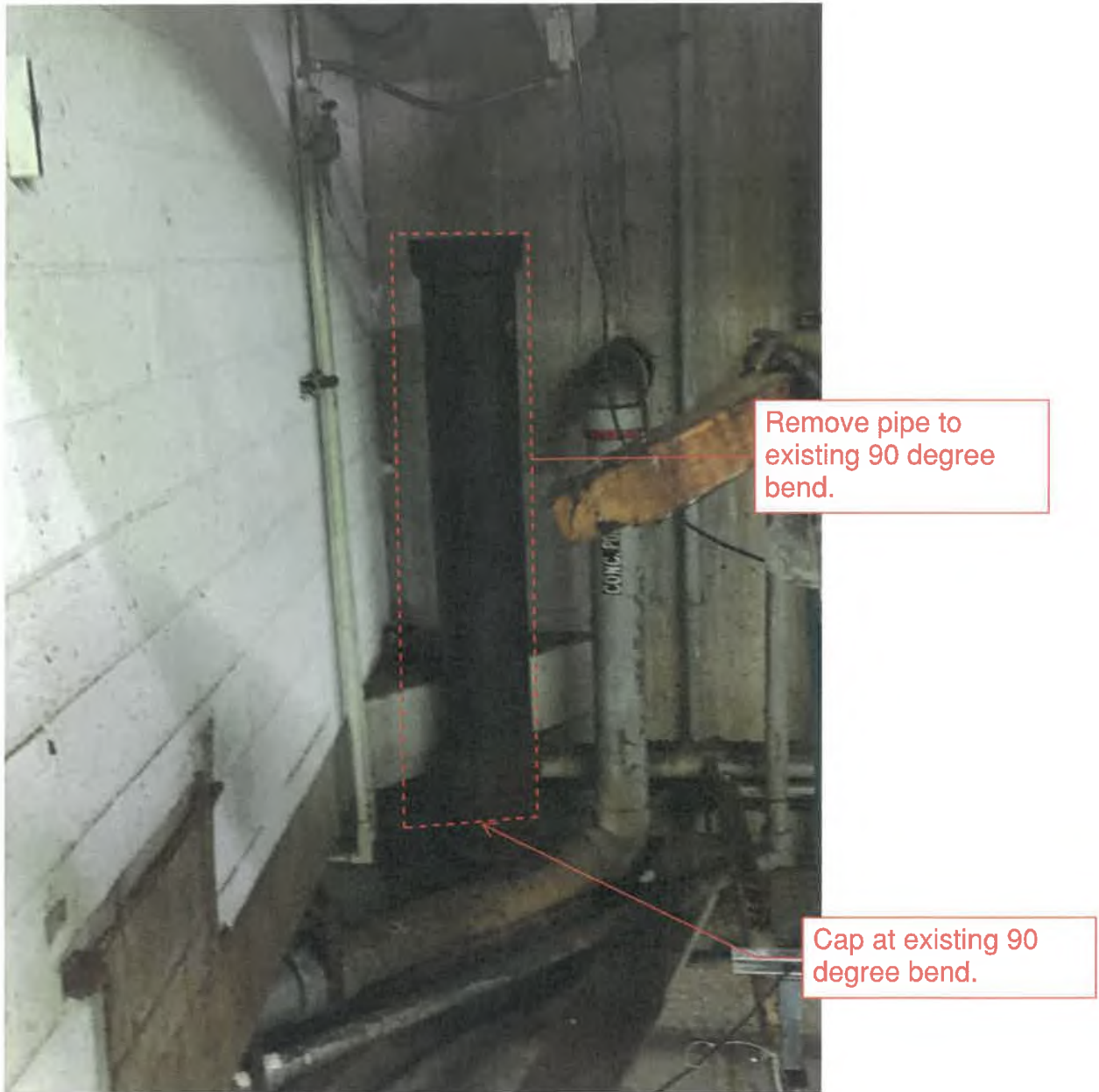
Cap at existing flange on 90 degree bends.



Remove ferric
chloride lines to 90
degree bends

Cap at existing 90
degree bends.







ALLOWANCE AUTHORIZATION

Project: Niagara Falls WWTP Project 3Authorization Number: 3-GC-005From: Arcadis of New York, Inc.To: Hohl Industrial Services, Inc., 770 RiverviewDate: January 22, 2022Boulevard, Buffalo, New York 14150Engineer Project Number: 30066326Re: Polymer Solution Transfer Piping CleanoutsContract For: General

You are authorized to perform the following item(s) of Work and to adjust the General Contingency Allowance Sum in accordance with the attached 11/23/2021 Proposal Request and 1/20/2022 Change Proposal as follows:

Change Issue 3-GC-005: Replace a total of twelve 4-inch diameter polymer solution PVC elbows with blind-flanged tees (downstream of the polymer solution pumps).

THIS IS NOT A CHANGE ORDER AND DOES NOT INCREASE OR DECREASE THE CONTRACT AMOUNT

Original General Contingency Allowance	\$ 25,000.00
Allowance Expenditures prior to this Authorization	\$ 13,210.74
Allowance Balance prior to this Authorization	\$ 11,789.26
Allowance will be [increased] [decreased] by this Authorization.....	\$ 5,476.80
New Allowance Balance	\$ 6,312.46

APPROVAL RECOMMENDED (per direction from Owner)

Arcadis of New York, Inc.
Engineer

By: Jason J. Williams, PE

1/22/2022
Date

OWNER APPROVAL

Niagara Falls Water Board
Owner

By: Douglas D. Williams

1/24/22
Date

CONTRACTOR ACCEPTANCE

Hohl Industrial Services, Inc.
Contractor

By: [Signature]

1/24/22
Date

☐ Attachments

Copies: ☒ Owner ☒ Contractor ☐ _____ ☒ Engineer ☒ RPR ☐ _____ ☒ File

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99 Canal Center Plaza, Suite 300, Alexandria, VA 22314

Page 1

Form Version: July 1994

This is not an official CSI Construction Contract Administration (CCA) Form. Please use CSI's official CCA Forms if required by your project needs.



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

PROPOSAL REQUEST

Proposal Request No.: 3-GC-005 Date: November 23, 2021

Contract Name and No.: General/3G

Contractor: Hohl Industrial Services, Inc.

Other Contracts Involved in Proposed Change: N/A

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

SCOPE OF PROPOSED WORK:

1. *Change Issue 3-GC-005: Polymer Solution Piping Cleanouts:* Replace a total of twelve 4-inch diameter polymer solution PVC elbows with blind-flanged tees (downstream of the polymer solution pumps). Coordinate locations of blind-flanged tees with Owner and RPR.

Proposal Requested By: Arcadis of New York, Inc.

Signature of Requestor: 



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

CHANGE PROPOSAL

Owner: Niagara Falls Water Board
 Project Name: Wastewater Treatment Plant Upgrades Project No. 3
 Change Proposal No.: 3-GC-004 Rev 2 Date: 1/20/22
 Submitted in Response to Proposal Request No.: 3-GC-005
 Contract Name and No.: NFWWTP Screenings and Grit Transport Equip Improvements
 Contractor: Hohl Industrial Services, Inc.
 Subject: Polymer Solution Piping Cleanouts

The following changes to the Contract are proposed:

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

1. *Item:* 1. Change Issue 3-GC-005: Polymer Solution Piping Cleanouts: Replace a total of twelve 4-inch diameter polymer solution PVC elbows with blind-flanged tees (downstream of the polymer solution pumps). Coordinate locations of blind-flanged tees with Owner and RPR.

JUSTIFICATION:

1. *Item:* In accordance with Proposal Request 3-GC-005
 2. *Item:*

CHANGES IN CONTRACT PRICE AND CONTRACT TIMES:

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

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

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

Description		Contract Times (days)	
		Substantial	Final
1. Item 04 05 31 Thermoplastic Process Pipe	\$5,476.80	0	0
2. Item	\$0.00	0	0
Total This Change Proposal	\$5,476.80	0	0

Changes to Milestones, if any: _____

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

Change Proposal by: Bradley Roberts

Signature of Proposer: 



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

PROPOSAL REQUEST

Proposal Request No.: 3-GC-005 Date: November 23, 2021

Contract Name and No.: General/3G

Contractor: Hohl Industrial Services, Inc.

Other Contracts Involved in Proposed Change: N/A

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

SCOPE OF PROPOSED WORK:

1. *Change Issue 3-GC-005: Polymer Solution Piping Cleanouts:* Replace a total of twelve 4-inch diameter polymer solution PVC elbows with blind-flanged tees (downstream of the polymer solution pumps). Coordinate locations of blind-flanged tees with Owner and RPR.

Proposal Requested By: Arcadis of New York, Inc.

Signature of Requestor: 



300 Scott Street
Buffalo NY 14204
Phone: 716-614-7473 Fax: 716-614-7465
www.mollenbergbetz.com

To: Hohl Industrial
770 Riverview Blvd.
Tonawanda, NY 14150

Date: 1/18/2022
Doc #: PCO-RS34503-02

Attn: Brad Roberts

Project: Niagara Falls Water Board:
Proj. #3 Polymer Rm. Upgrades

Re: Cleanout Tees

Proposed Change Order

The following is our material and labor breakdown to replace (12) 4" PVC elbow with (12) 4" flanged PVC tees with blind flanges for cleanout. Pricing includes all required gaskets and hardware but no backup/spare parts.

Cost Breakdown

MB Labor.....	\$3,178.00	\$1,501
MB Material	\$1,692.00	(\$143)
MB Material (deduct)	\$142.00	
Subtotal	\$4,718.00	\$4,536
MB Mark-Up (15%).....	\$707.00	\$680
Grand Total.....	\$5,425.00	\$5,216

Sales or use taxes are not included in our pricing. If applicable, they will be added to the price quoted. If the project is treated as a capital improvement, the price quoted will increase by the cost of the use tax incurred by Mollenberg-Betz.

Total cost of proposed change to contract.....\$5,425.00
Change to contract completion dateday(s)

Originated by Mollenberg-Betz

Acknowledged by

Signed:

Signed:

By: Rob Szymkowiak
Project Manager

By:

Date: 1/18/2022

Date:

NFWB Project #3: Polymer Equipment Upgrades

Mollenberg Betz Job # RS34503

CHANGE QUOTE SUMMARY

PCO_02 - Cleanout Tees

Labor - Journeyman	13.0 Hours @	98.00	1274.00
Supervision - Foreman	13.0 Hours @	112.00	1456.00
Project Manager	4.0 Hours @	112.00	448.00
As Built Drawings	0.0 Hours @	80.00	0.00
Truck & Driver	0.0 Hours @	80.00	0.00
Piping & Equipment ID	0.0 Hours @	98.00	0.00
Labor Insurance & Taxes			0.00
Total Labor			
Material			1682.89
Material (deduct)			(142.00)
Equipment			0.00
Equipment			0.00
Rental Tools - Welder, cutting torch, pipe machine			0.00
Gas & Oil for rentals			0.00
Welding Tests			0.00
NDE Requirements			0.00
Other Direct Costs :			0.00
Total Equipment and Material			
Sub-Total			
Overhead & Profit 15%			
Total Direct Costs			

3178.00

\$1,501

(\$143)

\$1,358

~~1540.00~~~~4716.00~~~~707.70~~~~5425.70~~

\$4,536

\$680.38

\$5,216.38

Sub Contractor Costs

Sheetmetal Subcontractor	0.00
Insulation Subcontractor	0.00
Balancing Subcontractor	0.00
G.C. Subcontractor	0.00
Temp. Control Subcontractor	0.00
Other Subcontract work:	0.00
Other Subcontract work:	0.00
Other Subcontract work:	0.00

Total Subcontractor costs

0.00

Overhead & Profit 10%

0.00

Sub-Total

0.00

TOTAL~~5425.70~~

\$5,216.38

Additional Bond Costs 1%

Total Change Proposal Request~~\$5,426~~

\$5,216

LAKES PIPE & SUPPLY CORP.

QUOTE
REPRINT

3525 Hyde Park Blvd. 1105 West 12th Street
 Niagara Falls, NY 14305 Erie, PA 16501
 (716) 285-6631 (814) 452-4300
 F: (716) 285-8619 F: (814) 452-3172

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PLUMBING & INDUSTRIAL SUPPLIES



LakesPipe.com

Number	022934
Date	12/03/2021
Page	1

Ship-to: SAME
 MOLLENBERG-BETZ INC
 300 SCOTT ST
 BUFFALO, NY 14204

Bill-to: MOL20
 MOLLENBERG-BETZ INC
 300 SCOTT ST
 BUFFALO, NY 14204

Reference #	Slsp	Terms	Whse	Freight	Ship Via	Job/Req #
RFQ RS34503 NFWB	CMS	2% 10TH PRX N30	01	PREPAID	O/T	
Quoted By: CMS	Quoted To: BRENDA MCGINNIS	Effective: 12/03/2021	Expires: 12/13/2021			
Ln	Item Description	Ordered	UM	Price	UM	Extension
001	EPS3012 4 S80 PVC 90 ELL SOC 806-040	12	EA	11.93	EA	143.16
002	IDS0000 4 S80 PVC TEE FLG'S FABBED about 2wks ARO on this	12.000	EA	132.85	EA	1594.20
003	or					
004	EPS3212 4 S80 PVC TEE SOC 801-040	12	EA	16.71	EA	200.52
005	EPS3932 4 S80 PVC FLANGE SPIGOT V/S W/PVC RING 856-040	36	EA	16.59	EA	597.24
006	ABOVE TWO ITEMS TO MAKE FLG'D 4" TEE					
007	IDS0000 4 150 VITON GASKET 1/8"	12.000	EA	14.91	EA	178.92
008	EPT3932 4 S80 PVC FLANGE BLIND 853-040	12	EA	46.91	EA	562.92
009						
010	EPS3912 4 S80 PVC FLANGE SOC V/S W/PVC RING 854-040	1	EA	16.46	EA	16.46
011	STOCK-1wk ARO or as noted					
012	SUBJECT TO PRIOR SALES					
013						
014						
015						
016						
017						
Merchandise		Misc	Tax	Freight	Total	
3293.42		.00	.00	.00	3293.42	

Thank you for the opportunity.

Do not write below this line

... Last Page

SOQ



01-022934



674 Perry Street
Buffalo, NY 14210
Phone: (716) 852-3535
Fax: (716) 852-3537
johnsonfastener@gmail.com



Packing Slip

Date	S.O. No.
12/13/2021	44059

Name / Address
Mollenberg-Betz, Inc. 300 Scott Street Buffalo, NY 14204

Ship To
NFWB-WASTE WATER TREATMENT PLANT SHANE 984-5976 RD: 12/14

P.O. No.		Terms	Ship Date	Ship Via	FOB
RS-34503-80852		1% 10 Net 30		OUR TRUCK	BUFFALO
Item Num...	Order Qty	Description	Shipped	Rate	Amount
SS-HS-06...	96 50	5/8-11 X 3-1/2 HEX SCREW 18-8		2.05	102.50
SS-HHN-...	96 50	5/8-11 HEAVY HEX NUT 18-8		0.86	43.00
HHN-050	200	1/2-13 HEAVY HEX NUT ZINC		0.10	20.00
FWZP-050	200	1/2 FLATWASHER ZINC		0.08	16.00
TRZ-050	10	1/2-13 X 6' THREADED ROD ZINC		5.25	52.50
HS2Z-03...	50	3/8-16 X 1 HEX SCREW GR2 ZP		0.07	3.50
HHN-037	100	3/8-16 HEAVY HEX NUT ZINC		0.055	5.50
FEWZP-0...	100	3/8 X 1-1/4 FENDER WASHER ZP		0.06	6.00

Total: \$249.00

Name _____

Signature _____

LAKES PIPE & SUPPLY CORP.

QUOTE
REPRINT

3525 Hyde Park Blvd. 1105 West 12th Street
 Niagara Falls, NY 14305 Erie, PA 16501
 (716) 285-6631 (814) 452-4300
 F: (716) 285-8619 F: (814) 452-3172

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LakesPipe.com

Number	023082
Date	12/14/2021
Page	1

Ship-to: SAME
 MOLLENBERG-BETZ INC
 300 SCOTT ST
 BUFFALO, NY 14204

Bill-to: MOL20
 MOLLENBERG-BETZ INC
 300 SCOTT ST
 BUFFALO, NY 14204

Reference #		Slsp	Terms	Whse	Freight	Ship Via	Job/Req #	
RFQ PVC CEMENT AND PRIMER		CMS	2% 10TH PRX N30	01	PREPAID	O/T		
Quoted By: CMS		Quoted To: BRENDA MCGINNIS		Effective: 12/14/2021		Expires: 12/19/2021		
Ln	Item	Description	Ordered	UM	Price	UM	Extension	
001	IDS0000	705 IPS CEMENT CLEAR QUART	2.000	EA	24.85	EA	49.70	
002		SOLD IN CASE LOTS ONLY						
003		STOCK PA						
004		OPTIONS:						
005	IDS0000	PVC05C-030 SPR CEMENT CLEAR	1.000	EA	30.67	EA	30.67	
006		QUART (SPEARS EQUAL TO 705)						
007		STOCK PA						
008		or						
009	XXX1706	QT PVC HD CLEAR CEMENT #717	1	EA	31.65	EA	31.65	
010		STOCK NIA FALLS						
011								
012								
013	XXX1721	QT PVC/CPVC CLEAR PRIMER IPS	2.000	EA	30.00	EA	60.00	
014		WELD-ON #P-70 #10222						
015		STOCK NIA FALLS						
016								
017	PEP3012	4 SCH 80 PVC PIPE PE	20.000	FT	7.65	FT	153.00	
018		(1) 20ft LENGTH						
019								
020		AVAILABILITY AS NOTED						
021		SUBJECT TO PRIOR SALES						
		Merchandise	Misc	Tax	Freight	Total		
		543.52	.00	.00	.00	543.52		

Thank you for the opportunity.

Do not write below this line

... Last Page

SOQ



01-023082





ALLOWANCE AUTHORIZATION

Project: Niagara Falls WWTP Project 3Authorization Number: 3-GC-007From: Arcadis of New York, Inc.To: Hohl Industrial Services, Inc., 770 RiverviewDate: January 28, 2022Boulevard, Buffalo, New York 14150Engineer Project Number: 30066326Re: Polymer Solution Transfer Piping CleanoutsContract For: General

You are authorized to perform the following item(s) of Work and to adjust the General Contingency Allowance Sum in accordance with the attached 1/26/2022 Change Proposal as follows:

Change Issue 3-GC-007: Provide piping modifications on each polymer solution transfer pump's suction piping, including reducers, flexible connectors, and appurtenances, for each polymer system.

THIS IS NOT A CHANGE ORDER AND DOES NOT INCREASE OR DECREASE THE CONTRACT AMOUNT

Original General Contingency Allowance	\$ 25,000.00
Allowance Expenditures prior to this Authorization	\$ 18,687.54
Allowance Balance prior to this Authorization	\$ 6,312.46
Allowance will be [increased] [decreased] by this Authorization.....	\$ 5,030.55
New Allowance Balance.....	\$ 1,281.91

APPROVAL RECOMMENDED (per direction from Owner)

Arcadis of New York, Inc.

Engineer

By: Jason J. Williams, PE

1/28/2022
Date

OWNER APPROVAL

Niagara Falls Water Board

Owner

By:

1/28/2022
Date

CONTRACTOR ACCEPTANCE

Hohl Industrial Services, Inc.

Contractor

By: Thomas J. Santulli

Date 1/31/22

☐ Attachments

Copies: ☒ Owner ☒ Contractor ☐ _____ ☒ Engineer ☒ RPR ☐ _____ ☒ File



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

CHANGE PROPOSAL

Owner: Niagara Falls Water Board
 Project Name: Wastewater Treatment Plant Upgrades Project No. 3
 Change Proposal No.: 3-GC-007 Rev1 Date: 1/26/22
 Submitted in Response to Proposal Request No.: Not assigned
 Contract Name and No.: NFWWTP Screenings and Grit Transport Equip Improvements
 Contractor: Hohl Industrial Services, Inc.
 Subject: Furnish/Install tank manufacturer's recommended flex connectors and eccentric reducers

The following changes to the Contract are proposed:

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

1. *Item:* Provide and install fittings between Polymer Tank and Transfer Pump
2. *Item:*

JUSTIFICATION:

1. *Item:* The fittings (eccentric reducer, flex connector) and hardware in the attached cost were not indicated in the contract drawings but are required for allowing for differences in elevation due to constrictions of the area of installation and/or recommended by equipment supplier (flex coupling)
- ~~2. *Item:*~~

CHANGES IN CONTRACT PRICE AND CONTRACT TIMES:

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

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

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

Description	Amount	Contract Times (days)	
		Substantial	Final
1. Item Tank/Pump Piping	\$5,030.55	0	0
2. Item	\$0.00	0	0
Total This Change Proposal	\$5,030.55	0	0

Changes to Milestones, if any: _____

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

Change Proposal by: Bradley Roberts

Signature of Proposer: 



300 Scott Street
 Buffalo NY 14204
 Phone: 716-614-7473 Fax: 716-614-7465
 www.mollenbergbetz.com

To: Hohl Industrial
 770 Riverview Blvd.
 Tonawanda, NY 14150

Date: 1/26/2022
 Doc #: PCO-RS34503-03-1

Project: Niagra Falls Water Board: Proj. #3
 Polymer Rm. Upgrades

Re: Suction Piping

Proposed Change Order

The following is our material and labor breakdown to furnish/install tank manufacturer's recommended flex connector(s), fittings, and reducer(s) to complete interconnecting piping between tanks and pumps not previously shown on drawings. Also, to install manufacturer's supplied instrument tees on pump's supply/discharge nozzles.

Cost Breakdown

MB Labor:	\$2,968.00
MB Material	\$1,198.00
Equipment Rental(s).....	\$0.00
Subtotal	\$4,166.00
MB Mark-Up (15%).....	\$625.00
Grand Total	\$4,791.00

Sales or use taxes are not included in our pricing. If applicable, they will be added to the price quoted. If the project is treated as a capital improvement, the price quoted will increase by the cost of the use tax incurred by Mollenberg-Betz.

Total cost of proposed change to contract.....\$4,791.00
 Change to contract completion date day(s)

Originated by Mollenberg-Betz

Acknowledged by

Signed: _____

Signed: _____

By: Rob Szymkowiak
 Project Manager

By: _____

Date: 12/15/2021

Date: _____

NFWB Project #3: Polymer Equipment Upgrades

Mollenberg Betz Job # RS34503

CHANGE QUOTE SUMMARY**PCO_3 - Suction Piping**

Labor - Journeyman	12.0	Hours @	98.00	1176.00	
Supervision - Foreman	12.0	Hours @	112.00	1344.00	
Project Manager	4.0	Hours @	112.00	448.00	
As Built Drawings	0.0	Hours @	80.00	0.00	
Truck & Driver	0.0	Hours @	80.00	0.00	
Piping & Equipment ID	0.0	Hours @	98.00	0.00	
Labor Insurance & Taxes				0.00	
Total Labor					2968.00
Material				1198.16	
Material				0.00	
Equipment				0.00	
Equipment				0.00	
Rental Tools - Welder, cutting torch, pipe machine				0.00	
Gas & Oil for rentals				0.00	
Welding Tests				0.00	
NDE Requirements				0.00	
Other Direct Costs :				0.00	
Total Equipment and Material					1198.16
Sub-Total					
Overhead & Profit 15%					
					4166.16
					624.92
Total Direct Costs					4791.08

Sub Contractor Costs

Sheetmetal Subcontractor	0.00	
Insulation Subcontractor	0.00	
Balancing Subcontractor	0.00	
G.C. Subcontractor	0.00	
Temp. Control Subcontractor	0.00	
Other Subcontract work:	0.00	
Other Subcontract work:	0.00	
Other Subcontract work:	0.00	
Total Subcontractor costs	0.00	
Overhead & Profit 10%	0.00	
Sub-Total		0.00
TOTAL		4791.08

Total Change Proposal Request**\$4,791**

LAKES PIPE & SUPPLY CORP.

QUOTE

3525 Hyde Park Blvd. 1105 West 12th Street
 Niagara Falls, NY 14305 Erie, PA 16501
 (716) 285-6631 (814) 452-4300
 F: (716) 285-8619 F: (814) 452-3172

PIPE * VALVES * FITTINGS

PLUMBING & INDUSTRIAL SUPPLIES



LakesPipe.com

Number	023081
Date	12/14/2021
Page	1

Ship-to: SAME
 MOLLENBERG-BETZ INC
 300 SCOTT ST
 BUFFALO, NY 14204

Bill-to: MOL20
 MOLLENBERG-BETZ INC
 300 SCOTT ST
 BUFFALO, NY 14204

Reference #			Slsp	Terms	Whse	Freight	Ship Via	Job/Req #			
RFQ RS34503 -			CMS	2% 10TH PRX N30	01	PREPAID	O/T				
Quoted By: CMS		Quoted To: JOE KOZIOL			Effective: 12/14/2021		Expires: 12/24/2021				
Ln	Item	Description	Ordered	UM	Price	UM	Extension				
001	IDS0000	4x2 S80 PVC ECC RED FLGxFLG	4.000	EA	180.00	EA	720.00				
002		or									
003	IDS0000	4x3 S80 PVC ECC RED SOCxSOC	4.000	EA	71.27	EA	285.08				
		829-422FE									
004	EPS3932	4 S80 PVC FLANGE SPIGOT	8	EA	16.59	EA	132.72				
		V/S W/PVC RING 856-040									
005											
006	IDS0000	4x3 PVC ECC RED SOCxSOC	4.000	EA	71.27	EA	285.08				
		829-422FE									
007	EPS3912	4 S80 PVC FLANGE SOC	4	EA	16.46	EA	65.84				
		V/S W/PVC RING 854-040									
008	IDS0000	3 150 VITON GASKET FF 1/8thk	4.000	EA	20.85	EA	83.40				
009	IDS0000	4 150 VITON GASKET FF 1/8thk	4	EA	23.75	EA	190.00				
010											
011		STOCK-10days ARO									
012		SUBJECT TO PRIOR SALES									
								4" flanges are already included in the Contract			

Thank you for the opportunity.

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SOQ



01-023081








RE: NFWB_FLEX CONNECTORS



Drew Maines <dmaines@fplco.com>

To: Rob Szymkowiak

 You replied to this message on 12/9/2021 3:24 PM.

 Reply  Reply All  Forward 

Fri 12/3/2021 8:51 AM

Both options are in stock at the factory. 1-2 days to get in.

(4) NNS 3" w/ stop links
YOUR COST: \$694 NET FFA

(4) NNS 4" w/ stop links
YOUR COST: \$885 NET FFA

Thanks,

Drew Maines
Sales Engineer
Frank P. Langley Co., Inc.
Office: 716-691-7575
Cell: 716-807-7177

674 Perry Street
Buffalo, NY 14210
Phone: (716) 852-3535
Fax: (716) 852-3537
johnsonfastener@gmail.com



Packing Slip

Date	S.O. No.
12/13/2021	44059

Name / Address
Mollenberg-Betz, Inc. 300 Scott Street Buffalo, NY 14204

Ship To
NFWB-WASTE WATER TREATMENT PLANT SHANE 984-5976 RD: 12/14

P.O. No.	Terms	Ship Date	Ship Via	FOB
RS-34503-80852	1% 10 Net 30		OUR TRUCK	BUFFALO

Item Num...	Order Qty	Description	Shipped	Rate	Amount
SS-HS-06...	24 50	5/8-11 X 3-1/2 HEX SCREW 18-8		2.05	102.50
SS-HHN-...	24 50	5/8-11 HEAVY HEX NUT 18-8		0.86	43.00
HHN-050	200	1/2-13 HEAVY HEX NUT ZINC		0.10	20.00
FWZP-050	200	1/2 FLATWASHER ZINC		0.08	16.00
TRZ-050	10	1/2-13 X 6' THREADED ROD ZINC		5.25	52.50
HS2Z-03...	50	3/8-16 X 1 HEX SCREW GR2 ZP		0.07	3.50
HHN-037	100	3/8-16 HEAVY HEX NUT ZINC		0.055	5.50
FEWZP-0...	100	3/8 X 1-1/4 FENDER WASHER ZP		0.06	6.00

\$49.20

\$20.64

Total:	\$249.00
---------------	-----------------

Name _____

Signature _____

3525 Hyde Park Blvd. Niagara Falls, NY 14305 (716) 285-6631 F: (716) 285-8619		1105 West 12th Street Erie, PA 16501 (814) 452-4300 F: (814) 452-3172		<div style="border: 1px solid blue; padding: 2px; display: inline-block;">LAKES PIPE & SUPPLY CORP.</div> <div style="display: flex; justify-content: space-between; font-size: small;"> PIPE * VALVES * FITTINGS PLUMBING & INDUSTRIAL SUPPLIES </div>		QUOTE REPRINT <table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td style="width:30%;">Number</td> <td>023082</td> </tr> <tr> <td>Date</td> <td>12/14/2021</td> </tr> <tr> <td>Page</td> <td>1</td> </tr> </table>		Number	023082	Date	12/14/2021	Page	1
Number	023082												
Date	12/14/2021												
Page	1												
LakesPipe.com													
Ship-to: SAME MOLLENBERG-BETZ INC 300 SCOTT ST BUFFALO, NY 14204				Bill-to: MOL20 MOLLENBERG-BETZ INC 300 SCOTT ST BUFFALO, NY 14204									
Reference #		Slsp	Terms	Whse	Freight	Ship Via	Job/Req #						
RFQ PVC CEMENT AND PRIMER		CMS	2% 10TH PRX N30	01	PREPAID	O/T							
Quoted By:	CMS	Quoted To: BRENDA MCGINNIS		Effective: 12/14/2021		Expires: 12/19/2021							
Ln	Item	Description	Ordered	UM	Price	UM	Extension						
001	IDS0000	705 IPS CEMENT CLEAR QUART	12.000	EA	24.85	EA	298.20						
002		SOLD IN CASE LOTS ONLY											
003		STOCK PA											
004		OPTIONS:											
005	IDS0000	PVC05C-030 SPR CEMENT CLEAR	1.000	EA	30.67	EA	30.67						
006		QUART (SPEARS EQUAL TO 705)											
007		STOCK PA											
008		or											
009	XXX1706	QT PVC HD CLEAR CEMENT #717	1	EA	31.65	EA	31.65						
010		STOCK NIA FALLS											
011													
012													
013	XXX1721	QT PVC/CPVC CLEAR PRIMER IPS	1	EA	30.00	EA	30.00						
014		WELD-ON #P-70 #10222											
015		STOCK NIA FALLS											
016													
017	PEP3012	4 SCH 80 PVC PIPE PE	20.000	FT	7.65	FT	153.00						
018		(1) 20ft LENGTH											
019													
020		AVAILABILITY AS NOTED											
021		SUBJECT TO PRIOR SALES											
		Merchandise	Misc	Tax	Freight	Total							
		543.52	.00	.00	.00	543.52							

Thank you for the opportunity.

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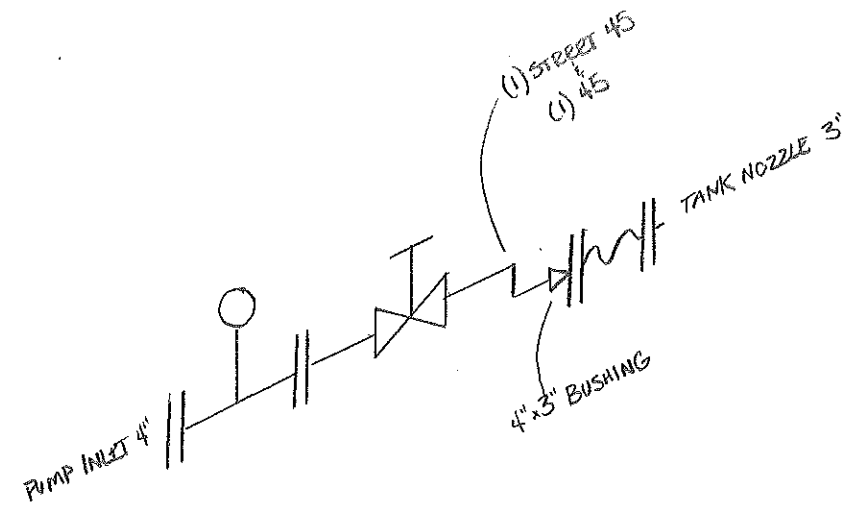
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SOQ

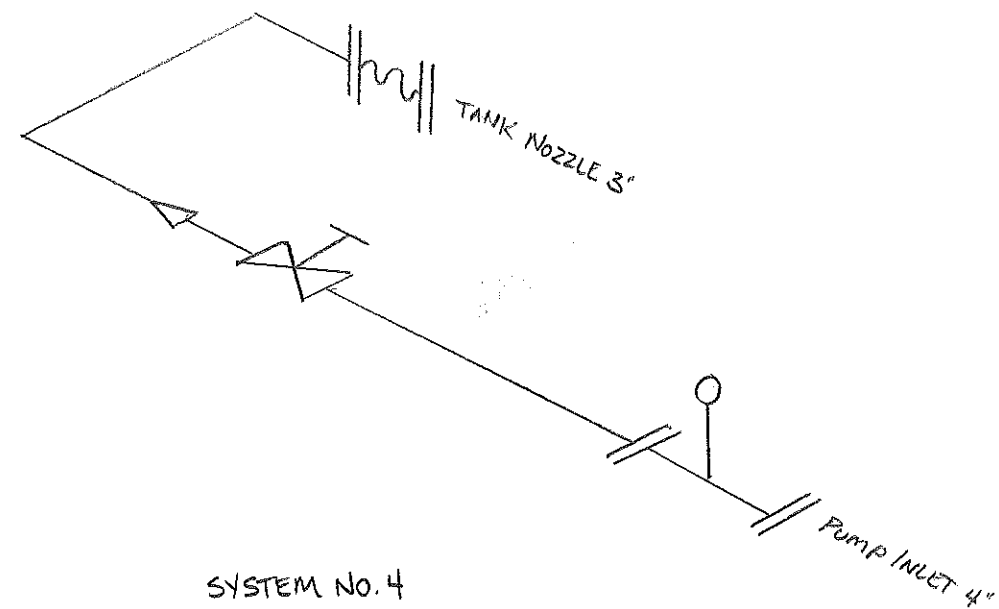


01-023082



$$1 \mid 26 \mid 22$$


TYP. SYSTEMS 1-3



SYSTEM NO. 4

NFWB PROJ. #3:
POLYMER EQUIPMENT UPGRADES
PCO3 - SUCTION PIPING

MATERIAL

[illegible]

4		
3		
2		
1		
NO.	REVISION DESCRIPTION	DATE



MOLLENBERG-BETZ INC
300 Scott Street
Buffalo, NY 14204
(716) 614-7473

PROJ. MGR.: _____	DATE: _____	JOB NO. _____
DRAWN BY: _____	SCALE: _____	DWG. NO. _____
APPROVED BY: _____		

CHANGE ORDER 3-GC-002

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

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

Description:

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

Attachments:

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

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

$$\$12,692.09 + \$3,596.47 = \$16,288.56$$

Even this was added wrong

Recommended by Engineer		Accepted by Contractor	
By:			
Title:	Project Manager		President, Hohl Industrial Services, Inc.
Date:	April 6, 2023		April 6, 2023
Authorized by Owner		Approved by Funding Agency (if applicable)	
By:			
Title:	Executive Director, Niagara Falls Water Board		
Date:	July 10, 2023		



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

CHANGE PROPOSAL

Owner: Niagara Falls Water Board
 Project Name: Wastewater Treatment Plant Upgrades Project No. 3
 Change Proposal No.: 3-GC-013 Date: 09/20/22
 Submitted in Response to Proposal Request No.: 3-GC-013
 Contract Name and No.: NFWWTP Screenings and Grit Transport Equip Improvements
 Contractor: Hohl Industrial Services, Inc.
 Subject: Pressure Sensors

The following changes to the Contract are proposed:

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

1. *Item:* Switch Pressure Transducers
2. *Item:* Credit for existing sensors

JUSTIFICATION:

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

CHANGES IN CONTRACT PRICE AND CONTRACT TIMES:

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

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

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

Description	Amount	Contract Times (days)	
		Substantial	Final
1. Item Pressure Sensors	\$13,800.89	0	0
2. Item Credit for Existing Sensors	\$(1,108.80) XXXX	0	0
Total This Change Proposal	\$12,692.09	0	0

Changes to Milestones, if any: _____

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

Change Proposal by: Bradley Roberts

Signature of Proposer: 



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

CHANGE PROPOSAL

Owner: Niagara Falls Water Board
 Project Name: Wastewater Treatment Plant Upgrades Project No. 3
 Change Proposal No.: 3-GC-015 Date: 03/30/23
 Submitted in Response to Proposal Request No.: 3-GC-015
 Contract Name and No.: NFWWTP Screenings and Grit Transport Equip Improvements
 Contractor: Hohl Industiral Services, Inc.
 Subject: Polymer Level Signal Duplicator Panel

The following changes to the Contract are proposed:

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

1. *Item:* Provide Polymer Signal Duplicator Panel and necessary Engineering Submittal/Documentation
~~XXXXX~~

JUSTIFICATION:

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

CHANGES IN CONTRACT PRICE AND CONTRACT TIMES:

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

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

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

Description	Amount	Contract Times (days)	
		Substantial	Final
1. Item Polymer Level Signal Panel	\$3,596.47	0	0
2. Item	\$0.00	0	0
Total This Change Proposal	\$0.00	0	0

Changes to Milestones, if any: _____

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

Change Proposal by: Bradley Roberts

Signature of Proposer: 

CHANGE ORDER 3-EC-003

Owner: Niagara Falls Water Board Owner's Project No.: 3
Engineer: Arcadis of New York, Inc. Engineer's Project No.: 30066326
Contractor: CIR Electrical Construction Corp. Contractor's Project No.: 2002042
Project: Project No. 3
Contract Name: Electrical Contract 3E
Date Issued: April 2, 2024 Effective Date of Change Order: April 2, 2024

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

Description:

1. Provide a credit for deleting belt filter press controls Work.
2. Electrical contingency allowance reduced to zero and closed out to reflect the actual amounts used during the Project, for a net credit.

Attachments:

1. 6/28/2023 Change Proposal for change issue 3-EC-019.
2. Contingency allowance authorizations:
 - a. 3/21/2022 allowance authorization for change issue 3-EC-006.
 - b. 6/10/2022 allowance authorization for change issue 3-EC-010.
 - c. 8/03/2022 allowance authorization for change issue 3-EC-011.
 - d. 8/16/2022 allowance authorization for change issue 3-EC-016.

Change in Contract Price	Change in Contract Times (Calendar Days)
Original Contract Price: \$ 140,800.00	Original Contract Times: Substantial Completion: 172 Ready for final payment: 200
[Increase] [Decrease] from previously approved Change Orders: \$ 75,458.57	[Increase] [Decrease] from previously approved Change Orders: Substantial Completion: 832 Ready for final payment: 860
Contract Price prior to this Change Order: \$ 216,258.57	Contract Times prior to this Change Order: Substantial Completion: 1004 Ready for final payment: 1032
[Increase] [Decrease] per this Change Order: \$ (4,778.93)	[Increase] [Decrease] this Change Order: Substantial Completion: 0 Ready for final payment: 0
Contract Price incorporating this Change Order: \$ 211,479.64	Contract Times with all approved Change Orders: Substantial Completion: 1004 Ready for final payment: 1032

	Recommended by Engineer	Accepted by Contractor
By:		
Title:	Project Manager	Assistant Controller
Date:	April 2, 2024	April 3, 2024
	Authorized by Owner	Approved by Funding Agency (if applicable)
By:		
Title:		
Date:		



2517 Long Rd
 Grand Island NY 14072
 Phone: (716) 362-5000
 Fax: (716) 362-5010



Proposal



Change Order

SUBMITTED TO: NFWB		SUBMITTED BY: Gene	DATE: 6-28-23
STREET ADDRESS: 5815 Buffalo Ave		JOB NAME: NFWWTP Project #3	
CITY, STATE, ZIP CODE: Niagara Falls, NY		JOB LOCATION: Buffalo Ave	
ATTENTION: Dan		EXISTING CONTRACT NUMBER: N/A	OUR JOB NUMBER: N/A
WE HEREBY SUBMIT SPECIFICATIONS AND ESTIMATES FOR 1) Provide credit for not performing the remaining work in the Belt Filter Press Room as requested.			
WE PROPOSE HEREBY TO FURNISH MATERIAL AND LABOR, COMPLETE IN ACCORDANCE WITH ABOVE SPECIFICATIONS, FOR THE SUM: Four Thousand Seven Hundred Sixteen Dollars 20/100 (\$4,716.20)			
ALL MATERIAL IS GUARANTEED TO BE AS SPECIFIED. ALL WORK TO BE COMPLETED IN A SUBSTANTIAL WORKMANLIKE MANNER ACCORDING TO SPECIFICATIONS SUBMITTED PER STANDARD PRACTICES. ANY ALTERATION OR DEVIATION FROM ABOVE SPECIFICATIONS INVOLVING EXTRA COSTS WILL BE EXECUTED ONLY UPON WITTEN ORDERS, AND WILL BECOME AN EXTRA, OVER AND ABOVE THE ESTIMATE. ALL AGREEMENTS CONTINGENT UPON STRIKES, ACCIDENTS, OR DELAYS BEYOND OUR CONTROL.		AUTHORIZED SIGNATURE	
		PLEASE NOTE THE PROPOSAL MAY BE WITHDRAWN BY US IF NOT ACCEPTED WITHIN 30 DAYS	
ACCEPTANCE BY CUSTOMER: THE ABOVE PRICES AND CONDITIONS ARE SATISFACTORY AND ARE HEREBY ACCEPTED. YOU ARE AUTHORIZED TO DO THE WORK AS SPECIFIED. PAYMENT WILL BE MADE AS OUTLINED ABOVE.		SIGNATURE:	
DATE OF ACCEPTANCE:		SIGNATURE:	



ALLOWANCE AUTHORIZATION

Project: <u>Niagara Falls WWTP Project 3</u>	Authorization Number: <u>3-EC-006</u>
	From: <u>Arcadis of New York, Inc.</u>
To: <u>CIR Electrical Construction Corp. 2517 Long Road,</u>	Date: <u>March 9, 2022</u>
<u>Grand Island, New York 14072</u>	Engineer Project Number: <u>30066326</u>
Re: <u>Replacing FO cable with CAT6 cable to IP3</u>	Contract For: <u>Electrical</u>

You are authorized to perform the following item(s) of work and to adjust the General Contingency Allowance Sum in accordance with the attached 3/03/2022 Change Proposal and as follows:

Change Issue 3-EC-006: Remove the new 6-strand fiber optic cable between the DMCP and PLC-IP3 and replace it (in the same conduit) with a CAT6 cable.

THIS IS NOT A CHANGE ORDER AND DOES NOT INCREASE OR DECREASE THE CONTRACT AMOUNT

Original General Contingency Allowance	\$ <u>4,000.00</u>
Allowance Expenditures prior to this Authorization	\$ <u>0.00</u>
Allowance Balance prior to this Authorization	\$ <u>4,000.00</u>
Allowance will be [increased] [decreased] by this Authorization.....	\$ <u>384.34</u>
New Allowance Balance.....	\$ <u>3,615.66</u>

APPROVAL RECOMMENDED

Arcadis of New York, Inc.
Engineer

By: Jason J. Williams, PE Date: 3/09/2022

OWNER APPROVAL

Niagara Falls Water Board
Owner

By: Douglas L. Williams Date: 3/21/22

CONTRACTOR ACCEPTANCE

CIR Electrical Construction Corp.
Contractor

By: [Signature] Date: 3-21-22

☒ Attachments

Copies: ☒ Owner ☒ Contractor ☐ _____ ☒ Engineer ☒ RPR ☐ _____ ☒ File



CHANGE ORDER RECAP

Job Name:	NFWB Project #3	Date:	3/2/2022
Contract No.:	Change Order No.:5	Job No.:	2002042
Description: Provide labor and materials to install Cat 6 cable per proposal request 3-EC-006.			

Material	Material Total	Labor	Hours	Rate	Labor Total
See attached sheets	\$ 89.38				\$ -
		Foreman	2	\$ 83.55	\$ 167.10
	\$ -	Journeyman	-	\$ 100.12	\$ -
		Foreman	-	\$ 108.84	\$ -
		Journeyman	1	\$ 77.73	\$ 77.73
					\$ -
					\$ -
					\$ -
					\$ -
Material Subtotal:	\$ 89.38				\$ -
Job Expenses:		Supervision (12.5%)	0.000	\$ 125.00	\$ -
Document Control		Tool Usage (4% of Labor)			\$ -
Travel Time Costs		Total Labor Costs:			\$ 244.83
Telephone		SUBTOTAL(L+M+JE)			\$ 334.21
Transportation		Research & Layout		0%	\$ -
Storage / Warehouse		Material Handling		0%	\$ -
Safety (3% of Labor)	\$ -	Clean Up Costs:		0%	\$ -
Inspections & Permits					
Record Drawings					
Fuel Surcharges (4% of Material)		SUBTOTAL:			\$ 334.21
		Overhead & Profit		15%	\$ 50.13
Total Job Expenses	\$ -			0%	\$ -
Qualifications & Clarifications: 1.) Sales Tax is NOT included 2.) Straight Time only-NO overtime included 3.) No cutting and patching included 4.) Schedule Impact		Subcontract			
		Subcontract Mark-up		5%	\$ -
		TOTAL:			\$ 384.34
		Tax on Total		-	\$ -
		Bond Cost		2%	\$ 7.68
QUOTE TOTAL					\$ 392.02

	Description	Quantity	Unit	Net Cost	Labor	Unit	Total Material	Total Hours
1	MULTI-MEDIA 4P CAT6 CMR CBL	325	M	275.00	9.00	M	89.38	2.92
	Totals	325					89.38	2.92

Attachment 2.a



ALLOWANCE AUTHORIZATION

Project: Niagara Falls WWTP Project 3 Authorization Number: 3-EC-010
 From: Arcadis of New York, Inc.
 To: CIR Electrical Construction Corp. 2517 Long Road, Date: March 9, 2022
Grand Island, New York 14072 Engineer Project Number: 30066326
 Re: Screw Conveyor Horn and Strobe Contract For: Electrical

You are authorized to perform the following item(s) of work and to adjust the General Contingency Allowance Sum in accordance with the attached 6/09/2022 Change Proposal and as follows:

Change Issue 3-EC-010: Provide electrical Work for the re-located screw conveyor horn and strobe.

THIS IS NOT A CHANGE ORDER AND DOES NOT INCREASE OR DECREASE THE CONTRACT AMOUNT

Original General Contingency Allowance	\$ 4,000.00
Allowance Expenditures prior to this Authorization	\$ 364.34
Allowance Balance prior to this Authorization	\$ 3,635.66
Allowance will be [increased] [decreased] by this Authorization.....	\$ 2,069.67
New Allowance Balance.....	\$ 1,545.99

APPROVAL RECOMMENDED

Arcadis of New York, Inc.
Engineer

Jason J. Williams 6/10/2022
By: Jason J. Williams, PE Date

OWNER APPROVAL

Niagara Falls Water Board
Owner

Jason J. Williams 6/10/2022
By: Date

CONTRACTOR ACCEPTANCE

CIR Electrical Construction Corp.
Contractor

Jason J. Williams 6-10-22
By: Date

☒ Attachments

Copies: ☒ Owner ☒ Contractor ☐ _____ ☒ Engineer ☒ RPR ☐ _____ ☒ File



CHANGE ORDER RECAP

Job Name:	NFWB Project #3	Date:	6/9/2022
Contract No.:	Change Order No.:6	Job No.:	2002042
Description: Provide labor and materials to install the grit screw conveyor horn & strobe as requested .			

Material	Material Total	Labor	Hours	Rate	Labor Total
See attached sheets	\$ 880.67				\$ -
		Foreman	11	\$ 83.55	\$ 919.05
	\$ -	Journeyman	-	\$ 100.12	\$ -
		Foreman	-	\$ 108.84	\$ -
		Journeyman	-	\$ 77.73	\$ -
					\$ -
					\$ -
					\$ -
					\$ -
Material Subtotal:	\$ 880.67				\$ -
Job Expenses:		Supervision (12.5%)	0.000	\$ 125.00	\$ -
Document Control		Tool Usage (4% of Labor)			\$ -
Travel Time Costs		Total Labor Costs:			\$ 919.05
Telephone		SUBTOTAL(L+M+JE)			\$ 1,799.72
Transportation		Research & Layout		0%	\$ -
Storage / Warehouse		Material Handling		0%	\$ -
Safety (3% of Labor)	\$ -	Clean Up Costs:		0%	\$ -
Inspections & Permits					
Record Drawings					
Fuel Surcharges (4% of Material)		SUBTOTAL:			\$ 1,799.72
		Overhead & Profit		15%	\$ 269.95
Total Job Expenses	\$ -			0%	\$ -
Qualifications & Clarifications: 1.) Sales Tax is NOT included 2.) Straight Time only-NO overtime included 3.) No cutting and patching included 4.) Schedule Impact		Subcontract			
		Subcontract Mark-up		5%	\$ -
		TOTAL:			\$ 2,069.67
		Tax on Total		-	\$ -
		Bond Cost		2%	
QUOTE TOTAL					\$ 2,069.67

	Description	Quantity	Trade Price	Unit	Disc %	Link Price	Net Cost	Labor	Unit	Total Material	Total Notes
1	3/4" TYPE C STD CONDUIT BODY W/ CVR - XPL PRF - MALL	1	63.21	E	0.00	0.00	63.21	0.60	E	63.21	0.60
2	3/4" PULL BOX - XPL PRF - MALL	1	75.20	E	0.00	0.00	75.20	1.15	E	75.20	1.15
3	3/4" FEM SEAL FTG - VERT ONLY - MALL	1	52.50	E	0.00	0.00	52.50	0.55	E	52.50	0.55
4	3/4" CONDUIT - RMC - GALV PVC CTD	10	696.00	C	0.00	0.00	696.00	9.00	C	69.60	0.90
5	3/4" COUPLING - RMC - GALV PVC CTD	3	471.52	C	0.00	0.00	471.52	24.50	C	14.15	0.73
6	3/4" 1-H STRAP - RMC - MALL PVC CTD	3	1,116.72	C	0.00	0.00	1,116.72	6.50	C	33.50	0.20
7	3/4" CLAMP BACK - RMC PVC CTD	3	1,562.00	C	0.00	0.00	1,562.00	11.00	C	46.86	0.33
8	#14 THHN RED	150	144.34	M	0.00	0.00	144.34	4.30	M	21.65	0.65
9	1/4-20x 1 3/4 WEDGE ANCHOR - 1 1/8" MIN DEPTH - 316 S/S	3	111.73	C	0.00	0.00	111.73	8.00	C	3.35	0.24
10	1/4-20x 1 BOLT HEX HEAD - S/S	3	14.40	C	0.00	0.00	14.40	3.40	C	0.43	0.10
11	1/4" FLAT WASHER - S/S	3	4.01	C	0.00	0.00	4.01	1.00	C	0.12	0.03
12	1/4" LOCK WASHER - S/S	3	3.35	C	0.00	0.00	3.35	1.00	C	0.10	0.03
13	24V WP PUSHBUTTON	1	0.00	E	0.00	0.00	0.00	1.25	E	0.00	1.25
14	115V AC 6" XPL PRF VIBRATING BELL	1	0.00	E	0.00	0.00	0.00	2.00	E	0.00	2.00
15	115V AC XPL PRF HORN & GRILLE Material For missing Brac	1	500.00	E	0.00	0.00	500.00	2.50	E	500.00	2.50
	Totals	187								880.67	11.26



ALLOWANCE AUTHORIZATION

Project: Niagara Falls WWTP Project 3 Authorization Number: 3-EC-011
 From: Arcadis of New York, Inc.
 To: CIR Electrical Construction Corp. 2517 Long Road, Date: August 3, 2022
Grand Island, New York 14072 Engineer Project Number: 30066326
 Re: Relocation of existing circuits in abandoned panel Contract For: Electrical

You are authorized to perform the following item(s) of work and to adjust the General Contingency Allowance Sum in accordance with the attached 7/26/2022 Change Proposal and as follows:

Change Issue 3-EC-011: Relocate the existing circuits in the abandoned control panel scheduled for demolition for the new screw conveyor local control panel.

THIS IS NOT A CHANGE ORDER AND DOES NOT INCREASE OR DECREASE THE CONTRACT AMOUNT

Original General Contingency Allowance	\$ 4,000.00
Allowance Expenditures prior to this Authorization	\$ 2,454.01
Allowance Balance prior to this Authorization	\$ 1,545.99
Allowance will be [increased] [decreased] by this Authorization.....	\$ 1,052.92
New Allowance Balance.....	\$ 493.07

APPROVAL RECOMMENDED

Arcadis of New York, Inc.
 Engineer
Jason J. Williams
 By: Jason J. Williams, PE Date: 8/03/2022

OWNER APPROVAL

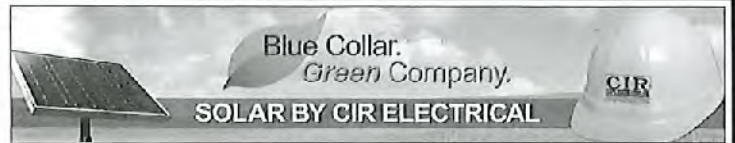
Niagara Falls Water Board
 Owner
Douglas J. Williams 8/3/2022
 By: Date

CONTRACTOR ACCEPTANCE

CIR Electrical Construction Corp.
 Contractor
[Signature] 8-17-22
 By: Date

☒ Attachments

Copies: ☒ Owner ☒ Contractor ☐ _____ ☒ Engineer ☒ RPR ☐ _____ ☒ File



CHANGE ORDER RECAP

Job Name:	NFWB Project #3	Date:	7/26/2022
Contract No.:	Change Order No.:7	Job No.:	2002042

Description:

Provide labor and materials to rework wiring still needed in the old grit screw panel as requested .

Material	Material Total	Labor	Hours	Rate	Labor Total
See attached sheets	\$ 109.19				\$ -
		Foreman	5	\$ 83.55	\$ 417.75
	\$ -	Journeyman	-	\$ 100.12	\$ -
		Foreman	-	\$ 108.84	\$ -
		Journeyman	5	\$ 77.73	\$ 388.65
					\$ -
					\$ -
					\$ -
					\$ -
Material Subtotal:	\$ 109.19				\$ -
Job Expenses:		Supervision (12.5%)	0.000	\$ 125.00	\$ -
Document Control		Tool Usage (4% of Labor)			\$ -
Travel Time Costs		Total Labor Costs:			\$ 806.40
Telephone		SUBTOTAL(L+M+JE)			\$ 915.59
Transportation		Research & Layout		0%	\$ -
Storage / Warehouse		Material Handling		0%	\$ -
Safety (3% of Labor)	\$ -	Clean Up Costs:		0%	\$ -
Inspections & Permits					
Record Drawings					
Fuel Surcharges (4% of Material)		SUBTOTAL:			\$ 915.59
		Overhead & Profit		15%	\$ 137.33
Total Job Expenses	\$ -			0%	\$ -
Qualifications & Clarifications: 1.) Sales Tax is NOT included 2.) Straight Time only-NO overtime included 3.) No cutting and patching included 4.) Schedule Impact		Subcontract			
		Subcontract Mark-up		5%	\$ -
		TOTAL:			\$ 1,052.92
		Tax on Total		-	\$ -
		Bond Cost		2%	
QUOTE TOTAL					\$ 1,052.92

25438

C I R ELECTRICAL CONSTRUCTION CORPORATION

Page 1 of 1 Pages

TIME AND MATERIAL WORK ORDER

Job Name: Niagara Falls Wastewater TP Date 7-26-, 2022

Location: NIA FALLS NY JOB NO. 2002042

DESCRIPTION: Research And rework wiring in the old
Gnt Screw Control Panel so the new panel can be
Mounted

☒ THIS JOB IS COMPLETED

☐ THIS JOB IS NOT COMPLETE[illegible]

MATERIAL USED

Attach Material Receipts

Quan.	Item	Catalog No.	Price	Unit	Amount
1	3/4 Compression Coupling		14 50	e	14 50
1	3/4 threadless box Connector		12 67	e	12 67
1	3/4 RGC 'T' Condulet w/cover		38 07	e	38 07
1	1 x 3/4 Reducer		5 31	e	5 31
10'	3/4 RGC Conduit		386 44	C	386 44
					<hr/>
					\$ 109 19

CUSTOMER

NFWB May 20, 2024 Meeting Agenda Packet Page No. 153

CUR

BY



ALLOWANCE AUTHORIZATION

Project: Niagara Falls WWTP Project 3 Authorization Number: 3-EC-016
 From: Arcadis of New York, Inc.
 To: GIR Electrical Construction Corp. 2517 Long Road, Date: August 16, 2022
Grand Island, New York 14072 Engineer Project Number: 30066326
 Re: New circuit breaker in PP-1 Contract For: Electrical

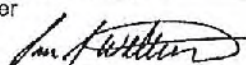
You are authorized to perform the following item(s) of work and to adjust the General Contingency Allowance Sum in accordance with the attached 8/16/2022 Change Proposal and as follows:

Change Issue 3-EC-016: Provide a new circuit breaker in PP-1.

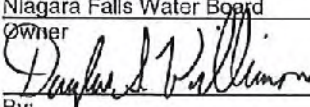
THIS IS NOT A CHANGE ORDER AND DOES NOT INCREASE OR DECREASE THE CONTRACT AMOUNT

Original General Contingency Allowance	\$ 4,000.00
Allowance Expenditures prior to this Authorization	\$ 3,506.93
Allowance Balance prior to this Authorization	\$ 493.07
Allowance will be [increased] [decreased] by this Authorization.....	\$ 430.34
New Allowance Balance.....	\$ 62.73


APPROVAL RECOMMENDED

Arcadis of New York, Inc.
 Engineer

 By: Jason J. Williams, PE Date: 8/16/2022

OWNER APPROVAL

Niagara Falls Water Board
 Owner

 By: Douglas J. Pallinson Date: 8/17/22

CONTRACTOR ACCEPTANCE

GIR Electrical Construction Corp.
 Contractor

 By: Contractor Date: 8-17-22

☒ Attachments

Copies: ☒ Owner ☒ Contractor ☐ _____ ☒ Engineer ☒ RPR ☐ _____ ☒ File



CHANGE ORDER RECAP

Job Name:	NFWB Project #3	Date:	7/26/2022
Contract No.:	Change Order No.:8	Job No.:	2002042

Description:

Provide labor and materials to furnish and install one 3 pole 20 amp circuit breaker in panel PP-1 as requested .

Material	Material Total	Labor	Hours	Rate	Labor Total
See attached sheets	\$ 290.66				\$ -
		Foreman	1	\$ 83.55	\$ 83.55
	\$ -	Journeyman	-	\$ 100.12	\$ -
		Foreman	-	\$ 108.84	\$ -
		Journeyman	-	\$ 77.73	\$ -
					\$ -
					\$ -
					\$ -
					\$ -
Material Subtotal:	\$ 290.66				\$ -
Job Expenses:		Supervision (12.5%)	0.000	\$ 125.00	\$ -
Document Control		Tool Usage (4% of Labor)			\$ -
Travel Time Costs		Total Labor Costs:			\$ 83.55
Telephone		SUBTOTAL(L+M+JE)			\$ 374.21
Transportation		Research & Layout		0%	\$ -
Storage / Warehouse		Material Handling		0%	\$ -
Safety (3% of Labor)	\$ -	Clean Up Costs:		0%	\$ -
Inspections & Permits					
Record Drawings					
Fuel Surcharges (4% of Material)		SUBTOTAL:			\$ 374.21
		Overhead & Profit		15%	\$ 56.13
Total Job Expenses	\$ -			0%	\$ -
Qualifications & Clarifications: 1.) Sales Tax is NOT included 2.) Straight Time only-NO overtime included 3.) No cutting and patching included 4.) Schedule Impact		Subcontract			
		Subcontract Mark-up		5%	\$ -
		TOTAL:			\$ 430.34
		Tax on Total		-	\$ -
		Bond Cost		2%	
QUOTE TOTAL					\$ 430.34

Change Request Recap

[illegible]

NIAGARA FALLS WATER BOARD RESOLUTION # 2024-05-003

**AWARD BID FOR WATER MAIN REPLACEMENT
ON 77TH ST. FROM STEPHENSON AVE. TO NIAGARA FALLS BLVD.**

WHEREAS, the Niagara Falls Water Board (“Water Board”) has identified the need to replace an 8-inch water main on 77th Street, approximately 3,500 feet in length and running between Stephenson Avenue and Niagara Falls Boulevard; and

WHEREAS, the Water Board retained CPL as its engineer to prepare the required design and bid specifications for the project; and

WHEREAS, two bids for the water main replacement project were received; and

WHEREAS, the bid specifications included alternate bids for the cost to replace the water main with two different water main replacement materials, ductile iron as base bid “A” and polyvinyl chloride as base bid “B,” to permit the Water Board to select the alternate deemed best suited based on price or other factors; and

WHEREAS, the lowest base bid for replacement of the water main was by 4th Generation Construction, Inc., with that firm’s base bid B for replacement of the water main with polyvinyl chloride pipe totaling \$1,548,250; 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 on behalf of the Niagara Falls Water Board, its Chairman hereby is authorized to execute a contract with 4th Generation Construction, Inc., for the replacement of an 8-inch water main along 77th Street, approximately 3,500 feet in length and running between Stephenson Avenue and Niagara Falls Boulevard, selecting that firm's base bid alternate B, replacement with polyvinyl chloride pipe, for a total amount not to exceed \$1,548,250.

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 May 20, 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



May 14, 2024

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

RE: **77th STREET WATERMAIN REPLACEMENT
FROM STEPHENSON AVENUE TO NIAGARA FALLS BOULEVARD
DWSRF #18588, CPL PROJECT NO. R21.16265.00
BID RECOMMENDATION**

Dear Mr. Forster:

We have completed our review of the bids received on May 2, 2024 for the above referenced project. Work is to replace watermain along with new fire hydrants and service reconnections. Two bids were obtained, one for ductile iron pipe (DIP) and one for polyvinyl chloride pipe (PVC). This was done as pipe material availability and pricing has been fluctuating for past several years. A copy of our detailed bid tabulation is enclosed for your information and review with summary below.

Contractor	Base Bid A Ductile Iron Pipe	Base Bid B Polyvinyl Chloride Pipe
4th Generation Construction Inc.	\$1,751,250.00	\$1,548,250.00
PM Pavement	\$1,758,342.00	\$1,679,174.00

Please note that from discussions with Mike Eagler of your office, the base bids contained work items for wet interconnections and alternates for dry connections. Although dry connections are preferred, they may not be feasible due to field conditions. The alternates allow flexibility during construction. Total base bid price for wet connections is \$83,000 versus total alternate cost for dry connections of \$83,000. Therefore, the cost for each method is the same and can be decided by your staff as needed during construction.

4th Generation Construction Inc. is an established, local contracting firm that has worked infrastructure, including watermains, throughout Western New York. Further, they have recently performed construction of 18th Street watermain replacement in 2023. Upon review, CPL deems that they are an acceptable contractor.



Based on our review of submitted bids and the low bidder qualifications, we recommend that the Niagara Falls Water Board award the watermain bid to 4th Generation Construction Inc. in the below amounts based upon desired watermain material and contingent upon complying with MWBE and EFC AIS requirements.

Base Bid A Ductile Iron Pipe \$1,751,250.00
or
Base Bid B Polyvinyl Chloride Pipe \$1,548,250.00

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

Very truly yours,
CPL

A handwritten signature in blue ink, reading "Seth L. Krull", is placed over a light blue rectangular background.

Seth L. Krull, P.E.
Project Engineer

Niagara Falls Water Board
 77th Street Watermain Replacement
 Detailed Bid Tabulation
 CPL R22.16265.00
 Prepared: 5/14/2024

4th Generation Construction Inc.	PM Pavement
----------------------------------	-------------

BASE BID A (DIP Water Main)

Item No.	Description	Unit	Quantity	Bid Unit Price	Bid Amount	Bid Unit Price	Bid Amount
1	Mobilization (shall not exceed 3%)	LS	1	\$ 50,000.00	\$ 50,000.00	\$ 48,000.00	\$ 48,000.00
2	Maintenance & Protection of Traffic	LS	1	\$ 10,000.00	\$ 10,000.00	\$ 20,500.00	\$ 20,500.00
3	Erosion Control	LS	1	\$ 2,000.00	\$ 2,000.00	\$ 22,512.00	\$ 22,512.00
4A	Furnish and Install 8-inch Diameter Class 52 DIP Water Main, Complete	LF	3,500	\$ 270.00	\$ 945,000.00	\$ 328.00	\$ 1,148,000.00
5	Furnish and Install 8-inch Inline Gate Valves, Complete	EA	6	\$ 7,000.00	\$ 42,000.00	\$ 679.00	\$ 4,074.00
6	Furnish and Install Hydrant Assemblies, Complete	EA	7	\$ 15,000.00	\$ 105,000.00	\$ 1,865.00	\$ 13,055.00
7A	Furnish and Install 1-Inch Long Side Water Service with Saddle, Complete	EA	51	\$ 3,500.00	\$ 178,500.00	\$ 250.00	\$ 12,750.00
7B	Furnish and Install 1-Inch Short Side Water Service with Saddle, Complete	EA	45	\$ 3,200.00	\$ 144,000.00	\$ 243.00	\$ 10,935.00
8A	Wet Interconnection #1: 77 th Street & LaSalle Expressway Ramp, Complete	LS	1	\$ 15,000.00	\$ 15,000.00	\$ 20,745.00	\$ 20,745.00
8B	Wet Interconnection #2: 77 th Street & Frontier Avenue, Complete	LS	1	\$ 12,000.00	\$ 12,000.00	\$ 19,674.00	\$ 19,674.00
8C	Wet Interconnection #3: 77 th Street & Frontier Avenue, Complete	LS	1	\$ 12,000.00	\$ 12,000.00	\$ 19,229.00	\$ 19,229.00
8D	Wet Interconnection #4: 77 th Street & Lindbergh Avenue, Complete	LS	1	\$ 14,000.00	\$ 14,000.00	\$ 21,510.00	\$ 21,510.00
8E	Wet Interconnection #5: 77 th Street & Girard Avenue, Complete	LS	1	\$ 15,000.00	\$ 15,000.00	\$ 23,753.00	\$ 23,753.00
8F	Wet Interconnection #6: 77 th Street & Niagara Falls Boulevard, Complete	LS	1	\$ 15,000.00	\$ 15,000.00	\$ 18,100.00	\$ 18,100.00
9A	Granite Curb Replacement	LF	150	\$ 40.00	\$ 6,000.00	\$ 2.00	\$ 300.00
9B	Concrete Curb Replacement	LF	150	\$ 30.00	\$ 4,500.00	\$ 229.00	\$ 34,350.00
10	Concrete Sidewalk	CY	100	\$ 200.00	\$ 20,000.00	\$ 1,646.00	\$ 164,600.00
11	Tree Installation	EA	5	\$ 1,000.00	\$ 5,000.00	\$ 1.00	\$ 5.00
12	Rock Excavation	CY	50	\$ 85.00	\$ 4,250.00	\$85.00	\$ 4,250.00
CTA-1	Compaction Testing Allowance	LS	1	\$ 2,000.00	\$ 2,000.00	\$2,000.00	\$ 2,000.00
FCA-1	Field Change Allowance	LS	1	\$ 150,000.00	\$ 150,000.00	\$150,000.00	\$ 150,000.00
TOTAL					\$ 1,751,250.00		\$ 1,758,342.00

Niagara Falls Water Board
 77th Street Watermain Replacement
 Detailed Bid Tabulation
 CPL R22.16265.00
 Prepared: 5/14/2024

4th Generation Construction Inc.	PM Pavement
----------------------------------	-------------

BASE BID B (PVC Water Main)

1	Mobilization (shall not exceed 3%)	LS	1	\$ 45,000.00	\$ 45,000.00	\$ 48,000.00	\$ 48,000.00
2	Maintenance & Protection of Traffic	LS	1	\$ 15,000.00	\$ 15,000.00	\$ 20,500.00	\$ 20,500.00
3	Erosion Control	LS	1	\$ 2,000.00	\$ 2,000.00	\$ 22,512.00	\$ 22,512.00
4B	Furnish and Install 8-inch Diameter DR-18 PVC Water Main, Complete	LF	3,500	\$ 212.00	\$ 742,000.00	\$ 300.00	\$ 1,050,000.00
5	Furnish and Install 8-inch Inline Gate Valves, Complete	EA	6	\$ 7,000.00	\$ 42,000.00	\$ 680.00	\$ 4,080.00
6	Furnish and Install Hydrant Assemblies, Complete	EA	7	\$ 15,000.00	\$ 105,000.00	\$ 1,905.00	\$ 13,335.00
7A	Furnish and Install 1-Inch Long Side Water Service with Saddle, Complete	EA	51	\$ 3,500.00	\$ 178,500.00	\$ 250.00	\$ 12,750.00
7B	Furnish and Install 1-Inch Short Side Water Service with Saddle, Complete	EA	45	\$ 3,200.00	\$ 144,000.00	\$ 245.00	\$ 11,025.00
8A	Wet Interconnection #1: 77 th Street & LaSalle Expressway Ramp, Complete	LS	1	\$ 15,000.00	\$ 15,000.00	\$ 21,257.00	\$ 21,257.00
8B	Wet Interconnection #2: 77 th Street & Frontier Avenue, Complete	LS	1	\$ 12,000.00	\$ 12,000.00	\$ 23,290.00	\$ 23,290.00
8C	Wet Interconnection #3: 77 th Street & Frontier Avenue, Complete	LS	1	\$ 12,000.00	\$ 12,000.00	\$ 21,163.00	\$ 21,163.00
8D	Wet Interconnection #4: 77 th Street & Lindbergh Avenue, Complete	LS	1	\$ 14,000.00	\$ 14,000.00	\$ 21,963.00	\$ 21,963.00
8E	Wet Interconnection #5: 77 th Street & Girard Avenue, Complete	LS	1	\$ 15,000.00	\$ 15,000.00	\$ 30,712.00	\$ 30,712.00
8F	Wet Interconnection #6: 77 th Street & Niagara Falls Boulevard, Complete	LS	1	\$ 15,000.00	\$ 15,000.00	\$ 23,082.00	\$ 23,082.00
9A	Granite Curb Replacement	LF	150	\$ 40.00	\$ 6,000.00	\$ 2.00	\$ 300.00
9B	Concrete Curb Replacement	LF	150	\$ 30.00	\$ 4,500.00	\$ 229.00	\$ 34,350.00
10	Concrete Sidewalk	CY	100	\$ 200.00	\$ 20,000.00	\$ 1,646.00	\$ 164,600.00
11	Tree Installation	EA	5	\$ 1,000.00	\$ 5,000.00	\$ 1.00	\$ 5.00
12	Rock Excavation	CY	50	\$85.00	\$ 4,250.00	\$ 85.00	\$ 4,250.00
CTA-1	Compaction Testing Allowance	LS	1	\$2,000.00	\$ 2,000.00	\$ 2,000.00	\$ 2,000.00
FCA-1	Field Change Allowance	LS	1	\$150,000.00	\$ 150,000.00	\$ 150,000.00	\$ 150,000.00
TOTAL					\$ 1,548,250.00		\$ 1,679,174.00

Alternates

Item No.	Description	Unit	Quantity	Bid Unit Price	Bid Amount	Bid Unit Price	Bid Amount
Alt-8A	Dry Interconnection #1: 77 th Street & LaSalle Expressway Ramp, Complete	LS	1	\$ 15,000.00	\$ 15,000.00	\$ 19,548.00	\$ 19,548.00
Alt-8B	Dry Interconnection #2: 77 th Street & Frontier Avenue, Complete	LS	1	\$ 12,000.00	\$ 12,000.00	\$ 16,060.00	\$ 16,060.00
Alt-8C	Dry Interconnection #3: 77 th Street & Frontier Avenue, Complete	LS	1	\$ 12,000.00	\$ 12,000.00	\$ 15,175.00	\$ 15,175.00
Alt-8D	Dry Interconnection #4: 77 th Street & Lindbergh Avenue, Complete	LS	1	\$ 14,000.00	\$ 14,000.00	\$ 20,754.00	\$ 20,754.00
Alt-8E	Dry Interconnection #5: 77 th Street & Girard Avenue, Complete	LS	1	\$ 15,000.00	\$ 15,000.00	\$ 22,300.00	\$ 22,300.00
Alt-8F	Dry Interconnection #6: 77 th Street & Niagara Falls Boulevard, Complete	LS	1	\$ 15,000.00	\$ 15,000.00	\$ 16,570.00	\$ 16,570.00

NIAGARA FALLS WATER BOARD RESOLUTION # 2024-05-004

**AUTHORIZING NYS WATER INFRASTRUCTURE IMPROVEMENT ACT
GRANT APPLICATION, OBLIGATING LOCAL MATCHING FUNDS,
DECLARING INTENT TO SERVE AS SEQR LEAD AGENCY,
AND SEQR TYPE II DETERMINATION FOR WATER SYSTEM IMPROVEMENTS**

WHEREAS, the Niagara Falls Water Board (the “Water Board”) has determined that it is appropriate to apply for grant funding to assist in the financing of various capital projects scheduled or estimated for completion within the next year; and

WHEREAS, as authorized by the New York State Water Infrastructure Improvement Act (“WIIA”), the Environmental Facilities Corporation (“EFC”) has been empowered to provide funds to assist in the carrying out of water quality infrastructure projects; and

WHEREAS, the following projects as noted on the Water Board’s Capital Improvement Plan have been identified as eligible for grant funding via the WIIA;

Waterline and lead service replacement at:

- W4 – Falls Street – 9th Street to Portage Road
- W10 - Pierce Ave between Whirlpool and Main Street, 8th Street between Pierce Ave and Division Ave., Willow Ave between Whirlpool and 8th Street
- W14 - South 87th Street
- W14.1 – Pershing Avenue between 87th Street and Cayuga Drive
- W14.2 – Creekside Drive
- W14.3 – Munson Avenue between 87th Street and 88th Street
- W10.1 – Chilton Avenue

WHEREAS, the estimated total cost of the above 2024 WIIA projects is \$6,560,000; and

WHEREAS, as the maximum WIIA grant amount available is lesser of 60% total project costs or maximum \$5,000,000; and

WHEREAS 60% of total project costs is \$3,936,000, and to assist with financing the project the Water Board seeks a long-term loan from the EFC for the amount of the project cost above \$3,936,000 and also seeks an EFC short-term loan for the entire project cost; and

WHEREAS, in order to be eligible for the grant funds it seeks, the Water Board must obligate funds in an amount equal to the difference between the maximum WIIA grant and the total project cost; and

WHEREAS, pursuant to the requirements of the State Environmental Quality Review Act (“SEQR”), the Water Board must consider pursuant to criteria set forth in SEQR the environmental implications of the new 2024 WIIA projects described above; and

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

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

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

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

WHEREAS, the Water Board has considered the projects described above, and finds that the projects constitute Type II actions that are not subject to review under SEQR and therefore require no further environmental review as each of the projects is a Type II action pursuant to one or more of the following subsections of 6 NYCRR § 617.5 (c):

(1) maintenance or repair involving no substantial changes in an existing structure or facility;

(2) replacement, rehabilitation or reconstruction of a structure or facility, in kind, on the same site, including upgrading buildings to meet building, energy, or fire codes unless such action meets or exceeds any of the thresholds in section 617.4 of this Part; or

(6) street openings and right-of-way openings for the purpose of repair or maintenance of existing utility facilities;

NOW, THEREFORE, BE IT

RESOLVED, that the Water Board hereby authorizes the preparation and submittal of a grant application for the following 2024 WIIA projects to the Environmental Facilities Corporation:

Waterline and lead service replacement at:

- W4 – Falls Street – 9th Street to Portage Road
- W10 - Pierce Ave between Whirlpool and Main Street, 8th Street between Pierce Ave and Division Ave., Willow Ave between Whirlpool and 8th Street
- W14 - South 87th Street
- W14.1 – Pershing Avenue between 87th Street and Cayuga Drive
- W14.2 – Creekside Drive
- W14.3 – Munson Avenue between 87th Street and 88th Street
- W10.1 – Chilton Avenue

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

IT IS FURTHER RESOLVED, that the 2024 WIIA projects listed above hereby are determined to constitute SEQR Type II Actions as defined under the applicable regulations and do not require an environmental impact statement or any other determination or procedure; and

IT IS FURTHER RESOLVED, that the Water Board hereby authorizes and designates CPL, engineers, as its Authorized Representative for the purpose of applying for the grant herein described, and the Executive Director and Chairman are hereby authorized to execute on behalf of the Water Board any documents necessary to complete applications for and to accept the grants and financing described herein; and

IT IS FURTHER RESOLVED, that the Water Board authorizes and obligates funds in the amount of \$2,624,000 as its share of the total project cost above the maximum WIIA grant of \$3,936,000.

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

Water Board Budget Line or Capital Plan Item with Funds for this Resolution:
Capital Plan Items: W4, W10, W10.1, W14, W14.1, W14.2, W14.3
Capital Lines Supplied by: D. Williamson
Availability of Funds: Per B. Majchrowicz – Funds Not Presently
Available, Will Require Debt Issuance.

On May 20, 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 Chair Forster	[]	[]	[]	[]
Board Member Larkin	[]	[]	[]	[]
Board Member Asklar	[]	[]	[]	[]
Board Member Kimble	[]	[]	[]	[]
Board Member Leffler	[]	[]	[]	[]

Signed By:

Vote Witnessed By:

Nicholas Forster Chairperson

Sean W. Costello, Secretary to Board

**ORDER ON CONSENT WITH NYS DEPARTMENT OF CONSENT RELATIVE
TO WWTP EFFLUENT VISIBLE CONTRAST AND TURBIDITY,
WWTP IMPROVEMENTS TO MEET WATER QUALITY STANDARDS**

WHEREAS, since 2017, the Niagara Falls Water Board (“Water Board”) and its employees have dedicated countless hours and tireless efforts to improve every facet of the Board’s wastewater treatment plant (“WWTP”); and

WHEREAS, these efforts have included increased operations and maintenance staffing, training, expert, and consultant assistance, and approximately \$30 million in capital improvements; and

WHEREAS, despite all of these efforts, the WWTP remains an outdated and maintenance-intensive facility that will not be able to meet foreseeable regulatory requirements related to water quality because the plant uses a physical-chemical secondary treatment process that was not designed to remove, among other things, biochemical oxygen demand (“BOD”), and the WWTP relies on high volumes of costly chemicals to function; and

WHEREAS, NYSDEC has alleged that the WWTP effluent has violated and sometimes may continue to violate narrative water quality and turbidity standards related to substantial visible contrast to natural conditions in the Niagara River; and

WHEREAS, Order on Consent R9-20230411-13 acknowledges that these discharges are the direct result of the design and limitations of the WWTP, and not due to negligence or willfulness on behalf of the Water Board; and

WHEREAS, projects required by an Order on Consent are awarded additional points on grant applications, which will help the Water Board obtain the funds required for crucial upgrades to the WWTP to meet water quality standards;

NOW, THEREFORE, BE IT

RESOLVED, that the Niagara Falls Water Board hereby authorizes its Chairman to execute Order on Consent R9-20230411-13 on its behalf.

On May 20, 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

STATE OF NEW YORK DEPARTMENT OF ENVIRONMENTAL CONSERVATION

In the Matter of a Violation of Article 17 of the
Environmental Conservation Law and Title 6, Part 750, of the
New York Codes, Rules and Regulations by:

Niagara Falls Water Board
5815 Buffalo Avenue
Niagara Falls, New York 14304

ORDER ON CONSENT
File No. 23-05
R9-20230411-13

Respondent

WHEREAS:

1. The Department of Environmental Conservation ("DEC" or "Department") is a Department of the State of New York ("State") with jurisdiction to enforce the environmental laws of the State pursuant to Section 3-0302 of the Environmental Conservation Law ("ECL"), Title 6 of the Official Compilation of the Codes, Rules and Regulations of the State ("6 NYCRR") and Orders issued thereunder.

2. The Department has jurisdiction over the abatement and prevention of pollution of State waters pursuant to ECL §17-0101, *et seq.*, and 6 NYCRR Part 750, *et seq.* This jurisdiction authorizes the Department to regulate the discharge of pollutants from point sources into the waters of the State in conformity with the Federal Clean Water Act, 33 U.S.C. 1251, *et seq.*

3. Pursuant to its authority to protect the waters of the State, the Department administers the State Pollutant Discharge Elimination System Permit ("SPDES") program. In general, the SPDES program prohibits any discharge of pollutants to the waters of the State without a SPDES permit establishing pollutant limitations, certain reporting obligations, and treatment requirements.

4. The Niagara Falls Water Board ("Respondent") is a municipal public benefit corporation which owns, operates, maintains control of and/or otherwise has responsibility for, various sanitary sewer systems, sanitary outfalls, and combined sewer outfalls associated with its wastewater treatment plant located in the City of Niagara Falls, New York ("Facility").

5. Respondent is subject to Article 17 of the ECL and its implementing regulations found in 6 NYCRR Part 750, *et seq.*, which govern the control and prevention of water pollution.

6. Respondent is also subject to the conditions and limitations imposed under SPDES Permit No. NY0026336, issued pursuant to ECL Article 17, Title 8, and 6 NYCRR 750 ("SPDES Permit"). The SPDES Permit was issued with an effective date of November 1, 2013 and a five-year permit term. A timely and sufficient renewal application for the permit was received April 17, 2018 and the permit is currently extended pursuant to the State Administrative Procedures Act as noted in the Department's June 7, 2018 acknowledgement letter.

7. Following the discharge of black water effluent related to treatment difficulties for the current physical chemical wastewater treatment plant, Respondent evaluated conversion of the Facility to a conventional biological treatment plant. While the engineering evaluation endorsed the conversion for improved treatment, no commitment to a conversion was established pending further evaluation of costs, treatment capabilities, and viable funding.

8. Respondent and DEC recognize the conversion of the Facility into a conventional biological treatment plant offers significant benefits in reduced chemical use, improved wastewater treatment, improved water quality, and addresses potential effluent concerns for turbidity and contrast to receiving waters.

9. DEC recognizes the commitment to the conversion is a substantial undertaking for the Respondent given existing debt service and potential ability to continue to utilize the current treatment process after considering a modified or reissued SPDES permit. Therefore, evaluation of alternatives in the biological treatment plant conversion report is reasonable.

10. Under provisions of 6 NYCRR Part 750-2.1(b), the Department has determined that modification of the SPDES permit is required to meet water quality standards and compliance with ECL and will undertake a modification of the SPDES permit. The schedule of compliance and interim effluent limitations represent abatement actions for the permittee during permit modification and to implement a biological treatment plant conversion or other improvements to meet water quality standards.

Facts

11. The Facility provides physical/chemical treatment of municipal and industrial wastewaters using activated carbon filtration. The Facility was designed and built prior to the adoption of industrial pre-treatment standards by the US Environmental Protection Agency.

12. The Facility discharges effluent through Outfall 001 to the Niagara River, which is a Class A-Special water body of the State.

13. Respondent's discharges from Outfall 001 into the Niagara River sometimes may cause a substantial visible contrast/turbidity to natural conditions in the

Niagara River and contravene the State's narrative water quality standard for turbidity. The discharges are the direct result of the design and limitations of the facility, and not due to negligence or willfulness on behalf of Respondents.

Provisions of Law

14. Pursuant to ECL §17-0501, it is unlawful for any person, directly or indirectly, to throw, drain, run or otherwise discharge organic or inorganic matter that shall cause or contribute to a condition in contravention of the standards adopted by the Department pursuant to section 17-0301.

15. Pursuant to 6 NYCRR 703.2, the narrative water quality standard for turbidity applicable to a Class A-Special water body is "No increase that will cause a substantial visible contrast to natural conditions."

16. ECL §71-1929 imposes a penalty not to exceed Thirty-Seven Thousand Five Hundred Dollars (\$37,500) per day for each alleged violation described in paragraph 13 and also provides for injunctive relief.

Violations

17. Certain of Respondent's discharges have caused and sometimes may continue to cause a substantial visible contrast/turbidity to natural conditions and are in violation of ECL §17-0501 and 6 NYCRR 703.2.

NOW, having considered this matter and being duly advised, **IT IS ORDERED THAT:**

I. CIVIL PENALTY

A. With respect to the Respondent's violations listed in this Order, the Respondent agrees to a total penalty in the amount of Fifteen Thousand Dollars (\$15,000), with seven thousand five hundred dollars (\$7,500) payable to the Department. The civil penalty shall be paid when Respondent signs this Order and returns it to the Department by electronic payment at <http://www.dec.ny.gov/about/61016.html#On-Line> or by check made payable to the order of the "New York State Department of Environmental Conservation," with the enclosed invoice and the Case Number of this Order on Consent written in the memo section of the check, which shall be sent to the Department of Environmental Conservation, Division of Management and Budget Services, 625 Broadway, 10th Floor, Albany, NY 12233-4900.

B. Suspended Penalty.
The remaining penalty amount shall be suspended, and shall not be payable provided that Respondent fully complies with the requirements of this Order, including all incorporated Appendices and Attachments. If, in the

Department's sole discretion, Respondent violates any term of this Order, including the Schedule of Compliance, the whole amount of the suspended penalty, or any portion thereof, shall be due from Respondent within 30 days of receiving written notice from the Department that penalties are due.

This Order on Consent, along with any applicable submissions shall be sent to the Department of Environmental Conservation, Office of General Counsel, 700 Delaware Ave., Buffalo, NY 14209, attention: Maureen Brady.

This Order shall be in full settlement of all claims for civil and administrative penalties that have been or could be asserted by the Department against Respondent, their trustees, officers, employees, successors and assigns for the above-referenced violations.

II. COMPLIANCE

Respondent shall be immediately bound as provided by this Order and attached Schedule of Compliance, attached as "Schedule A." Respondent shall implement all actions set forth in Schedule A by the dates indicated therein. Schedule A, and any approved plan(s) or schedules developed pursuant to Schedule A, are hereby incorporated into and made an enforceable part of this Order.

III. STIPULATED PENALTIES

A. Except as otherwise provided herein, if Respondent fails to comply with any terms of this Order, including any approved plans or schedules incorporated into this Order, the Department shall be entitled to judgment against Respondent. Respondent hereby consents to entry of judgment in New York State Supreme Court for a stipulated penalty for each day of such violation of this Order. The stipulated penalty shall become due and payable, and may be entered as a judgment, upon thirty (30) days' notice to Respondent.

Said stipulated penalties shall be in the following amounts:

1. For days 1 to 14, the penalty shall be \$250.00 per day;
2. For days 15 to 30, the penalty shall be \$500.00 per day;
3. For days 31 to the date the corrective action has been completed, the penalty shall be \$1,000.00 per day.

B. Any stipulated penalties assessed pursuant to this paragraph shall be separate, and in addition to, any suspended penalties assessed pursuant to paragraph I above.

IV. **SUBMISSIONS**

A. The Respondent shall send all documentation and submissions required by this Order in electronic format (unless paper copies are required) to the Department at the following address, unless otherwise noted. All submissions must include a certification that they are in compliance with the requirements of this order:

Regional Water Engineer
NYSDEC Region 9
700 Delaware Avenue
Buffalo, New York 14209

damianos.skaros@dec.ny.gov

Director
Bureau of Water Compliance
625 Broadway
Albany, NY 12233
edward.hampston@dec.ny.gov

B. For purposes of this Order only, any document or plan which is required to be submitted to DEC pursuant to this Order must be approvable by the Department upon submission or with only “minimal revision” in response to Department comments. Consistent with 6 NYCRR Section 750-1.2(8), minimal revision shall mean the document plan can be revised and resubmitted to the Department within 60 days of notification by the Department that the revisions are necessary. The Department shall notify the Respondent in writing of its approval or disapproval of each submission and the reasons for any disapproval. All Department approved submissions shall be incorporated into and become an enforceable part of the Order and Respondent shall implement them in accordance with all approved schedules and terms.

C. The Department may request that Respondent modify and/or expand a submission if the Department determines that further work is necessary.

D. Stipulated penalties pursuant to Section III above, based on the failure to submit an approvable submittal, shall not begin to accrue unless 60 days have elapsed after Respondent has received the Department’s comments on a submittal, and Respondent has not submitted an approvable revised document. It is expressly understood that stipulated penalties begin to accrue upon day 61 after Respondent has received the Department’s comments on a submittal, if Respondent does not submit an approvable revised submittal by that date or such date as modified by DEC.

V. **ACCESS**

For the purpose of monitoring or determining compliance with this Order, employees and agents of the Department shall be provided access to the Facility or records owned, operated, controlled or maintained by Respondent in order for Department staff or its agents to inspect and/or perform any necessary tests, related to the requirements of this Order, during reasonable hours. No prior notification to the Respondent of site inspections is required.

VI. RELEASE, REOPENER AND RESERVATION OF RIGHTS

A. This Order settles only all State claims for civil and administrative penalties concerning the alleged violations described in Paragraph 13 of this Order against Respondent and its successors (including successors in title) and assigns.

B. Nothing contained in this Order shall be construed as a release or waiver by the Department of its rights to: (1) seek penalties and other relief for any criminal liability for any violations listed in this Order; (2) seek stipulated penalties and entry of judgment as provided by Paragraph III of this Order; (3) reallege the violations listed in this Order to obtain injunctive relief or damages in support of natural resource damage claims; (4) seek injunctive relief to abate any violation of law or this Order; and (5) seek to modify, suspend or revoke any Department issued permit.

C. Nothing contained in this Order shall be construed as a release or waiver of Respondent's rights to oppose and defend against injunctive relief, imposition of penalties, damages or any other imposition of liability by the Department. Nothing contained in this Order shall be construed as a waiver by Respondent of its rights to seek a modification of its Permit.

D. Except as provided hereunder, Respondent is responsible for achieving and maintaining complete compliance with all applicable federal, State and local laws, regulations and permits; and Respondent's compliance with this Order shall be no defense to any action commenced pursuant to any such laws, regulations, or permits, except as set forth herein. The Department does not, by its consent to the issuance of this Order, warrant or aver in any manner that Respondent's compliance with any aspect of this Order will result in compliance with provisions of any federal, State or local laws, regulations or permits.

E. This Order shall not be construed as being in settlement of events regarding which the Department lacks knowledge or notice and the Department reserves the right to require Respondent to take any additional measures deemed necessary by the Department to protect human health or the environment, to exercise its authorities under law to protect human health and the environment or to otherwise require compliance with the law.

VII. FAILURE, DEFAULT AND VIOLATION OF ORDER

Respondent's failure to comply fully and in a timely manner with any provision, term or condition of this Order shall constitute a default and failure to perform an obligation under this Order and under the ECL.

VIII. INDEMNIFICATION

Respondent shall indemnify and hold harmless the Department, the State of New York, and their representatives and employees for all claims, actions, damages and costs of every nature and description resulting from the Respondent's fulfillment or attempted fulfillment of this Order.

XVII. FORCE MAJEURE

If Respondent cannot reasonably comply with a deadline or requirement of this Order, because of an act of God, war, pandemic, strike, riot, catastrophe, , or other condition which is not caused by the negligence or willful misconduct of Respondent and which could not have been avoided by Respondent through the exercise of due care, Respondent shall apply in writing to the Department within a reasonable time after obtaining knowledge of such fact and request an extension or modification of the deadline or requirement.

XI. DISPUTE RESOLUTION

A. Any dispute that arises between the Department and Respondent under this Order, shall, in the first instance, be the subject of informal negotiations between the Department and Respondent for a period of up to 20 working days from the time notice of a dispute is received by any of the parties. The period of negotiations may be extended by written agreement between the Department and Respondent. In the event that the parties are unable to resolve a dispute by informal negotiations, Respondent may request to meet with the Deputy Commissioner, Water Resources ("Deputy Commissioner") in order to discuss the Department's objections/determinations. At this meeting Respondent shall be given an opportunity to present its responses to the Department's objections/determinations, and the Deputy Commissioner shall have the authority to modify and/or withdraw such objections/determinations. After the Deputy Commissioner makes his/her decision(s) Respondent shall either (a) within sixty (60) days of receipt of written notice of the Deputy Commissioner's determinations, commence a proceeding pursuant to Article 78 of the CPLR (the Deputy Commissioner's decision(s) shall be deemed to be final agency action for the purposes of such a proceeding) or (b) notify the Department that it intends to comply with the Deputy Commissioner's decision(s).

B. Stipulated penalties pursuant to Section III of this Order shall accrue during the term of Dispute Resolution for matters subject to dispute resolution hereunder, but payment shall be stayed pending resolution of the dispute. If Respondent does not prevail on the disputed issue, stipulated penalties may be assessed and paid as provided by Paragraph III of this Order, from the date the violation first occurred. Further, the invocation of Dispute Resolution shall not, by itself, extend, postpone or affect in any way any obligation of Respondent under this Order, including Schedule A, unless and until a final resolution of the dispute so provides.

XII. BINDING EFFECT

This Order is binding on the Respondent, heirs, successors, employees and all persons, firms, or corporations acting under or for it.

XIII. MODIFICATIONS AND EXTENSIONS

A. No change or modification of this Order shall be effective unless the modification is done in writing and signed by both the Respondent and the Commissioner or his/her designee.

B. The dates in Schedule A include time for the Water Board to take steps to secure funding. No modification to this Order shall be considered based on lack of funding until after submission of the Preliminary Engineering Report required by Schedule A or until 12 months have elapsed from the execution date of this Order, whichever comes sooner, at which time the Water Board may seek a modification, which request for modification shall not be unreasonably denied by the DEC. The DEC intends to make reasonable efforts to assist the Water Board to secure funding to complete the work required by this Order. Any application to modify this Order because of its inability to secure funding shall require submission by the Water Board of a report by the Authority's rate consultants as well as documentation demonstrating the Water Board's good-faith efforts to secure funding. Modifications which may be granted may include, among other things, revisions to the scope of work required pursuant to Schedule A, and/or extensions of deadlines to complete the work. Modifications pursuant to this paragraph shall require the approval of the Commissioner of the Department or his/her designee.

C. Respondent may request a modification to the Order based on substantial revenue decline or changed wastewater characteristics due to loss of industrial users or economic downturn, which request will not be unreasonably declined by the Department.

D. If the Department receives a written request from the Respondent which (a) would extend an item(s) in Respondent's Compliance Schedule; (b) the extension does not exceed a cumulative of six months from the original milestone date(s); (c) the request is made before the milestone date and (d) sets forth good cause for the extension, the Department may extend the time frame requested by the issuance of a letter signed by the original signatory or designee of the signatory.

XIV. USE OF ORDER BY THIRD PARTIES

The existence of this Order, and Respondent's consent thereto, and compliance herewith, shall not give rise to any presumption of law or finding of fact which shall inure to the benefit of any third party.

XV. ENTIRE ORDER

The provisions of this Order and the attachments hereto constitute the complete and entire Order issued to the Respondent concerning the resolution of the violations set forth in this Order. No term, condition, understanding or agreement purporting to

modify or vary any term hereof shall be binding unless made in writing and subscribed by the party to be bound. No informal oral or written advice, guidance, suggestion or comment by the Department regarding any report, proposal, plan, specification, schedule, comment or statement made or submitted by Respondents shall be construed as relieving Respondent of its obligation to obtain such formal approvals as may be required by this Order.

XVII. GENERAL PROVISIONS

A. All references to “days” herein are to calendar days unless otherwise specified.

B. The section headings set forth in this Order are included for convenience of reference only and shall be disregarded in the construction and interpretation of any of the provisions of this Order.

C. This Order and its Appendices shall apply to, and be binding upon the parties, their officers, agents, servants, employees, successors and assigns, and each of them, and upon all persons, firms and corporations acting under, through or for, in active concert or participation with, the parties.

D. Respondent shall certify in writing, within 30 days of completion of each milestone or requirement set forth in Schedule A.

XVIII. EFFECTIVE DATE AND TERMINATION OF THIS ORDER

A. The effective date of this Order (“EDO”) is the date that the Commissioner or his designee signs it. The Department will provide Respondent (or Respondent’s counsel) with a fully executed copy of this Order as soon as practicable after the Commissioner or his designee signs it.

B. This Order shall be deemed completely satisfied and shall terminate when each of the following conditions has been fully satisfied: (1) Respondent has paid any civil penalty as set forth in Section I above, and all other outstanding penalties assessed hereunder; (2) Respondent has certified in writing the completion of each Schedule A item requiring an approvable submission to the Department and DEC has approved said certifications in writing; and 3) 6 months after the facility with improvements required pursuant to this Order is placed in operation and Respondent requests and receives a closure letter from the Department.

-Signature Pages Follow-

DATED: Buffalo, New York

Sean Mahar, Interim Commissioner
New York State Department of
Environmental Conservation

By:

Julie Barrett-O'Neill
Regional Director

CONSENT BY NIAGARA FALLS WATER BOARD

Respondent hereby consents to the issuing and entering of the foregoing Order, waives its right to a hearing as provided by law, and agrees to be bound by the provisions, terms and conditions contained therein.

By: _____
Nicholas J. Forster

Title: Chairman, Niagara Falls Water Board

Date: _____

STATE OF NEW YORK)

COUNTY OF) ss:
)

On the _____ day of _____, in the year _____, before me, the undersigned, personally appeared _____, personally known to me or proved to me on the basis of satisfactory evidence to be the individual(s) whose name is (are) subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their capacity(ies), and that by his/her/their signature(s) on the instrument, the individual(s), or the person upon behalf of which the individual(s) acted, executed the instrument.

Notary Public

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION

Niagara Falls Water Board

SCHEDULE A Order on Consent R9-20230411-13

Respondent shall, on or before the dates indicated:

Item	Date
<p><u>UPDATED PRELIMINARY ENGINEERING REPORT</u></p> <p>The respondent shall submit an approvable¹ updated preliminary engineering report (PER) for the <i>Evaluation of the Conversion and Modification of the Niagara Falls Water Board Wastewater Treatment Plant into a Biological Treatment Process or Alternative Improvements to Meet Water Quality Standards</i>. The PER must meet the requirements of the most recent version of the EFC/DEC Engineering Report Outline (https://www.dec.ny.gov/permits/6054.html). The report shall be prepared and signed by a Professional Engineer licensed to practice engineering in New York State and describe treatment alternatives or other control mechanisms (i.e., Pretreatment Program / Sewer Use Law) that may be used to address and establish the final effluent limitations for:</p> <ul style="list-style-type: none"> • BODs • Phenolics, Total • Dieldrin • Chlorine, Total Residual • Sulfides, Total <p>The updated PER shall identify the respondent's selected alternative. The alternative selected must either constitute a full or partial conversion of the secondary treatment process utilized at the Facility to a biological treatment process or otherwise make such capital or operational improvements as are required to abate discharges from the wastewater treatment plant that may cause a substantial visible contrast/turbidity in the receiving water.</p> <p>The PER shall include an assessment of the selected alternative as well as a review of other alternatives and their projected costs/benefits. It will outline Respondent's proposed strategy for procurement of any proprietary technology, together with preliminary site plans, property acquisition needs, survey, process flow diagrams, piping and instrumentation diagrams, any permit issues identified and the status of their resolution, tie ins to existing processes should be identified, construction sequencing, selection of major equipment/components, along with a discussion of the basic site civil, mechanical, electrical, and instrumentation and control considerations, and a cost estimate. The PER shall</p>	EDO + 21 Months

¹ 6 NYCRR 750 1.2 (a)(8).

<p>describe Respondent's proposed plan for treatment during construction, as well as Respondent's proposed interim effluent limits. Additionally, the PER shall discuss phasing of construction to continue to maximize treatment of wastewater during implementation or construction of the selected alternative. The PER shall detail the proposed final effluent limits to which the selected alternative is designed to comply.</p> <p><u>REQUEST FOR PROPOSAL OF ENGINEERING DESIGN SERVICES</u> The respondent shall solicit and obtain engineering design services to complete design of selected alternative chosen in the PER</p>	DEC Approval of PER + 6 Months
<p><u>NOTICE TO PROCEED DESIGN START</u></p>	DEC Approval of PER + 9 Months
<p><u>DESIGN COMPLETION</u> The respondent shall submit approvable Design Documents including a Basis of Design Report (BODR), Engineering Plans, Specifications, and Construction Schedule for the selected alternative.</p>	Notice to Proceed Design Start + 18 Months
<p><u>NOTICE TO PROCEED TO CONSTRUCTION</u></p>	DEC Approval of Design + 6 Months
<p><u>COMPLETE CONSTRUCTION</u> The respondent shall provide a Certificate of Completion² to the Department that the disposal system has been fully completed in accordance with the approved Design Documents.</p>	DEC Approval of Design + 48 Months
<p><u>COMMENCE FINAL OPERATION</u></p>	180 Days Following Submission of Certification of Completion of Construction Completion.

² 6 NYCRR 750-2.10 (c).

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION

Niagara Falls Water Board

**SCHEDULE B (if applicable)
Interim Limits
Order on Consent R9-20230411-13**

INTERIM EFFLUENT LIMITS FOR PARAMETERS SUBJECT TO THIS SCHEDULE OF COMPLIANCE											
PARAMETER		EFFLUENT LIMITATION					MONITORING REQUIREMENTS			Notes	
		Type	Limit	Units	Limit	Units	Sample Frequency	Sample Type	Location		
									Inf.		Eff.
BOD ₅		Monthly Average	Monitor	mg/L		lbs/d	1/day	24-hr. Comp.	X	X	1
BOD ₅		7-Day Average	Monitor	mg/L		lbs/d	1/day	24-hr. Comp.		X	1
BOD ₅ , Percent Removal		Daily Minimum	Monitor	Percent			1/day	Calculated		X	1,2
Phenolics, Total		Daily Max	Monitor	ug/L	61	lbs/d	2/month	24-hr. Comp.	-	X	1
Dieldrin		Monthly Average	Monitor	ug/L	-	-	1/month	24-hr. Comp.	-	X	1
Total Sulfide		Daily Max	Monitor	ug/L	-	-	1/month	24-hr. Comp.	-	X	1
Total Residual Chlorine		Daily Max	3.0	mg/L	-	-	6/day	Grab	-	X	1,3
Notes:	1. Interim limitations expire at commence final operation plus 90 days.										
	2. Effluent shall not exceed 15% of influent concentration values for BOD ₅ . During periods of wet weather which causes plant flows over the permitted flow for a calendar day, the BOD ₅ influent and effluent results for that day shall not be used to Calculate 30-day arithmetic mean percent removal limitations. However, all concentrations shall be used in the calculation of the arithmetic mean value concentration limitations. All other effluent limitations remain in full effect.										
	3. Effluent limitation for Total Residual Chlorine is only applicable if chlorine is used for disinfection or other treatment processes.										

NIAGARA FALLS WATER BOARD RESOLUTION # 2024-05-006

**AUTHORIZING APPLICATION TO ENVIRONMENTAL FACILITIES
CORPORATION FOR WATER INFRASTRUCTURE IMPROVEMENT ACT,
BIPARTISAN INFRASTRUCTURE LAW, AND WATER QUALITY IMPROVEMENT
PROJECT GRANTS AND FUNDING TO BE USED FOR WASTEWATER
TREATMENT PLANT WATER QUALITY WORK**

WHEREAS, the Niagara Falls Water Board (“Water Board”) is seeking approximately \$250 million in funding for the anticipated cost to construct improvements at its wastewater treatment plant (“WWTP”) so that costly, inefficient, maintenance-intensive, and failure-prone treatment plant will be able to meet water quality standards, and has agreed to enter into an Order on Consent with the NYS Department of Environmental Conservation requiring that work; and

WHEREAS, the Water Board seeks to obtain a portion of the necessary funding for the project through funds administered by the Environmental Facilities Corporation (“EFC”) and made available through the Water Infrastructure Improvement Act (“WIIA”) and Bipartisan Infrastructure Law (“BIL”); and

WHEREAS, pursuant to the requirements of the State Environmental Quality Review Act (“SEQR”), the Water Board must consider pursuant to criteria set forth in SEQR the environmental implications of the projects described above; and

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

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

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

WHEREAS, pursuant to DEC regulations at 6 NYCRR Part 617(c)(35), the work described in this Resolution is required pursuant to an Order on Consent and therefore constitutes a Type II action, requiring no further environmental review; and

WHEREAS, EFC and the Department of Environmental Conservation (“DEC”) previously informed the Water Board that the Intended Use Plan listing of \$234,600,000 under project C9-6603-15-01 can be divided into two part in sums of \$100 million and \$134 million, and accordingly by way of this Resolution the Water Board is authorizing an application for \$100 million in work related to the wastewater treatment plant conversion to the WIIA and BIL funding programs, for possible grant award of up to \$25 million per application or a total of \$50 million, and the Water Board further will apply for subsidized financing for the balance of the \$100 million not covered by other grants; and

WHEREAS, the Water Quality Improvement Project (“WQIP”) grant program offers grant funding up to \$10 million for clean water projects, and by way of this Resolution the

Water Board also is authorizing an application for \$10 million in WQIP grant funding for the WWTP conversion project;

NOW, THEREFORE, BE IT

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

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

RESOLVED, that the Water Board hereby authorizes the preparation and submittal to EFC of such applications and other documents as may be required to seek \$25 million in WIIA grant funds, \$25 million in BIL grant funds, and subsidized financing for the remainder of the \$100 million project costs for the WWTP improvements to meet water quality standards that are the subject of this Resolution which are not funded through other grants; and

IT IS FURTHER RESOLVED, that the Water Board hereby authorizes the preparation and submittal of an application for \$10 million in WQIP grant funds for the \$100 million project costs for the WWTP improvements to meet water quality standards that are the subject of this Resolution; and

IT IS FURTHER RESOLVED, that the Water Board hereby authorizes and designates CPL, engineers, as its Authorized Representative for the purpose of submitting the grant and financing applications and documentation required to apply for the WIIA, BIL, and WQIP funding described herein, and the Executive Director of the Chairman of the Water Board is authorized to execute any documents necessary to complete applications for and to accept the grants and financing described herein; and

IT IS FURTHER RESOLVED, that based upon the requirements described in the body of this Resolution, the Water Board hereby requests that the Niagara Falls Public Water Authority authorize the issuance of Bonds to finance \$100 million in improvements to the System to be performed at the wastewater treatment plant plus any reserve required and costs of issuance associated therewith.

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

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

On May 20, 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