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AGENDA

Business Meeting of the Niagara Falls Water Board March 25, 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. 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**
- 2. Acting Executive Director – Michael Eagler**
 - 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 – Cortez Bradberry**
- 5. Engineering – Douglas Williamson**
- 6. Personnel Items – David San Lorenzo**
 - a. April 22, 2024 Personnel Actions**
- 7. Information Technology (IT) – Jonathan Joyce**

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**

9. Questions Regarding March 2024 Operations and Maintenance Report

10. Safety – John Accardo

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**

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

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

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**

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

- a. Excerpt from EFPR Audit Proposal - Fee Proposal**

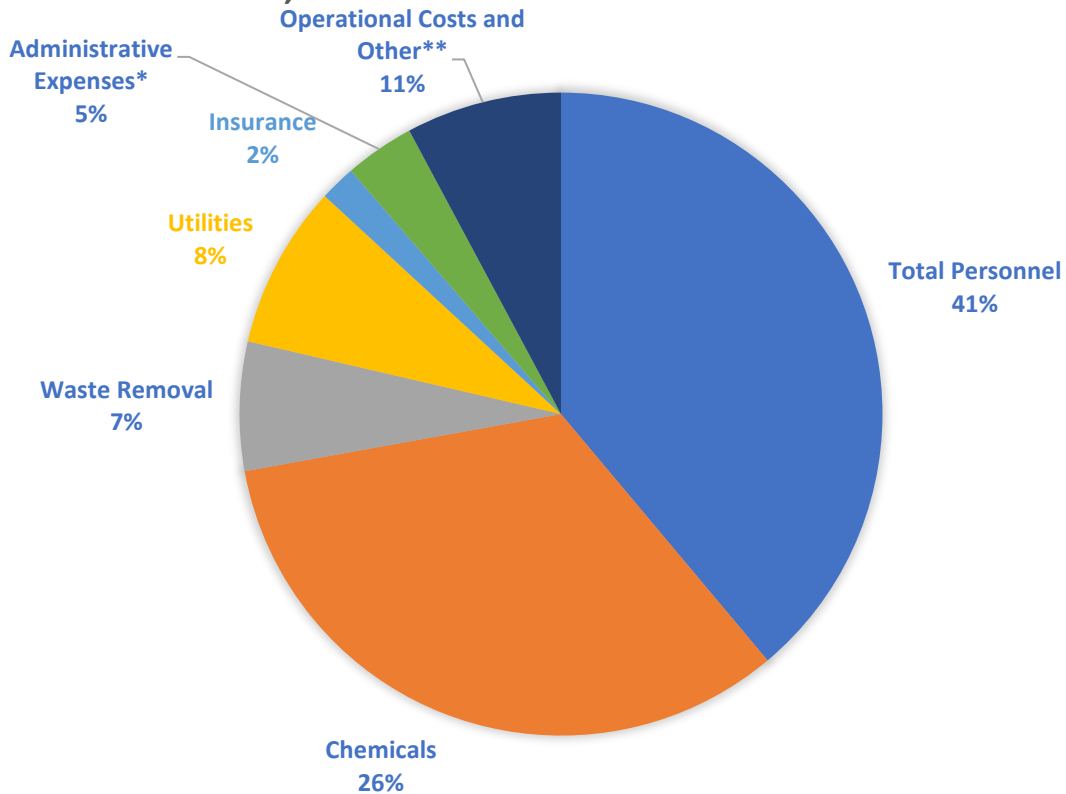
14. Unfinished/Old Business

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

PRC STATE-SPONSORED CYBER ACTIVITY: ACTIONS FOR CRITICAL INFRASTRUCTURE LEADERS



Communications Security Establishment

Centre de la sécurité des télécommunications

Canadian Centre for Cyber Security

Centre canadien pour la cybersécurité



National Cyber Security Centre
a part of GCHQ



SUMMARY

This fact sheet provides an overview for executive leaders on the urgent risk posed by People's Republic of China (PRC) state-sponsored cyber actors known as "Volt Typhoon." CISA—along with the National Security Agency (NSA), the Federal Bureau of Investigation (FBI), and other U.S. government and international partners¹—released a major advisory on Feb. 7, 2024, in which the U.S. authoring agencies warned cybersecurity defenders that Volt Typhoon has been pre-positioning themselves on U.S. critical infrastructure organizations' networks to enable **disruption or destruction of critical services** in the event of increased geopolitical tensions and/or military conflict with the United States and its allies. This is a critical business risk for every organization in the United States and allied countries.²

The advisory provides detailed information related to the groups' activity and describes how the group has successfully compromised U.S. organizations, especially in the Communications, Energy, Transportation Systems, and Water and Wastewater Systems Sectors.³ The authoring organizations urge critical infrastructure owners and operators to review the advisory for defensive actions against this threat and its potential impacts to national security.

CISA and partners⁴ are releasing this fact sheet to provide leaders of critical infrastructure entities with guidance to help prioritize the protection of critical infrastructure and functions. The authoring agencies urge leaders to recognize cyber risk as a core business risk. This recognition is both necessary for good governance and fundamental to national security.

¹ U.S. Department of Energy (DOE), U.S. Environmental Protection Agency (EPA), U.S. Transportation Security Administration (TSA), Australian Signals Directorate's (ASD's) Australian Cyber Security Centre (ACSC), Canadian Communications Security Establishment's (CSE's) Canadian Centre for Cyber Security (CCCS), United Kingdom National Cyber Security Centre (NCSC-UK), and New Zealand National Cyber Security Centre (NCSC-NZ)

² CCCS assesses that Canada would likely be affected as well, due to cross-border integration. ASD's ACSC and NCSC-NZ assess Australian and New Zealand critical infrastructure, respectively, could be vulnerable to similar activity from PRC state-sponsored actors.

³ See [Critical Infrastructure Sectors | CISA](#) for descriptions of critical infrastructure sectors.

⁴ NSA, FBI, DOE, EPA, TSA, U.S. Department of the Treasury, ASD's ACSC, CCCS, NCSC-UK, and NCSC-NZ

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ACTIONS FOR LEADERS

Make Informed and Proactive Resourcing Decisions

Empower cybersecurity teams to make informed resourcing decisions to better detect and defend against Volt Typhoon and other malicious cyber activity. As a first step, organizations should use intelligence-informed prioritization tools, such as the [Cybersecurity Performance Goals](#) (CPGs) or derived guidance from an SRMA. The CPGs help leaders make strategic investments in a limited number of essential actions with high-impact security outcomes. Second, empower and resource cybersecurity teams so they can:

- **Effectively apply detection and hardening best practices** contained in [Identifying and Mitigating Living off the Land Techniques](#) and [PRC State-Sponsored Actors Compromise and Maintain Persistent Access to U.S. Critical Infrastructure](#). Volt Typhoon does not rely on malware to maintain access to networks and conduct their activity. Rather, they use built-in functions of a system. This technique, known as “living off the land,” enables them to easily evade detection. To protect against living off the land, organizations need a comprehensive and multifaceted approach, as described in these joint products.
- **Receive continuous cybersecurity training and skill development** that is relevant to the threat environment. Continuous training ensures that staff have the capabilities needed to defend their unique environments and maintain good cyber hygiene.
- **Develop comprehensive information security plans and conduct regular tabletop exercises.**
 - Leaders should ensure personnel from all business sections, including executive leadership, are involved in development of the plan, sign off on it, and are aware of their roles and responsibilities. Ensuring comprehensive and tested plans are in place and approved enables cybersecurity teams to make appropriate risk-informed decisions.
 - Refresh and test plans on an appropriate basis, and test OT systems and manual mode.

Key best practices for your cybersecurity teams includes **ensuring logging, including for access and security, is turned on for applications and systems and logs are stored in a central system.** Robust logging is necessary for detecting and mitigating living off the land. Ask your IT teams which logs they maintain as certain logs reveal commands (referenced in the CSA) used by Volt Typhoon actors. If your IT teams do not have the relevant logs, ask which resources they may need to effectively detect compromise.

For smaller organizations without their own in-house cybersecurity teams, leaders should obtain managed security services that can carry out this guidance to maintain sufficient cybersecurity posture.

Secure Your Supply Chain

Ensure effective risk management policies are in place to minimize the likelihood of damage resulting from a compromise.

- **Establish strong vendor risk management** processes to evaluate and monitor third-party risks, ensuring that suppliers and partners adhere to strict security standards and any foreign ownership, control, or influence (FOCI) are clearly identified and managed, including consideration of, for example, the U.S. Department of Commerce Entities List and Unverified List.
- **Ensure those responsible for procurement:**
 - **Exercise due diligence** when selecting software, devices, cloud service providers (CSPs), and managed service providers (MSPs).
 - **Use guidance including the [secure by design principles](#)** to help inform vendor selection to reduce the availability of attack pathways threat actors can leverage. Follow best practices for supply chain risk management and only source from reputable vendors.
 - **Ensure that the vendor has a patching plan** in place that supports your organization and that you can also support.

- **Identify and limit usage of any products** that break the principle of least privilege, do not clearly enumerate needed access, or require disabling antivirus tools.
- **Select vendors** that enable interoperability as a best practice for resilience and to avoid vendor lock-in.

As a leader, advocate for vendors to deliver secure and resilient systems and support staff efforts to integrate Secure by Design principles into procurement/vendor contracting processes, including mechanisms for ensuring compliance and patching. Additionally, direct software development teams to integrate the Secure Software Development Framework (SSDF) throughout your existing practices. Visit our webpage for more on [Secure by Design](#).

Drive a Cybersecurity Culture

Ensure performance management outcomes are aligned to the **cyber goals** of the organization by:

- **Encouraging collaboration between IT, OT, cloud, cybersecurity, supply chain, and business units** to align security measures with business objectives and risk management strategies.
- **Championing organizational cybersecurity risk assessments and audits** to identify vulnerabilities and gaps in the security posture.
- **Engaging with external cybersecurity experts and advisors for independent assessments** and guidance tailored to your organization and performing GAP analysis on findings.
- **Increasing awareness of social engineering tactics** and facilitating a culture which encourages incident reporting.⁵

INCIDENT RESPONSE

If your organization is impacted by an incident or suspected incident:

- Implement your cyber incident response plan. See the joint cybersecurity advisory by CISA and the cybersecurity authorities of Australia, Canada, New Zealand, and the United Kingdom on [Technical Approaches to Uncovering and Remediating Malicious Activity](#) for incident response best practices.
- Review and update your cyber incident response plans on a regular basis.
- Report incidents or anomalous activity immediately to an authoring agency (see the Contact Information section).
- Consider entering into a proactive retainer agreement with a reputable third-party cybersecurity organization to provide subject matter expertise and incident response services.

CONTACT INFORMATION

U.S. Organizations

- CISA's 24/7 Operations Center at Report@cisa.gov or (888) 282-0870 or your [local FBI field office](#). When available, please include the following information regarding the incident: date, time, and location of the incident; type of activity; number of people affected; type of equipment used for the activity; the name of the submitting company or organization; and a designated point of contact. CISA provides timely situational awareness and enables coordination with Sector Risk Management Agencies such as EPA, TSA, and Treasury.
- For NSA client requirements or general cybersecurity inquiries, contact Cybersecurity_Requests@nsa.gov.
- Entities subject to regulatory requirements should follow established reporting requirements, as appropriate.

Australian Organizations

Visit cyber.gov.au or call 1300 292 371 (1300 CYBER 1) to report cybersecurity incidents and access alerts and advisories.

⁵ [Avoiding Social Engineering and Phishing Attacks | CISA; Social engineering – ITSAP.00.166 - Canadian Centre for Cyber Security; https://www.cyber.gc.ca/en/guidance/how-protect-your-organization-insider-threats-itsap10003-0](https://www.cyber.gc.ca/en/guidance/how-protect-your-organization-insider-threats-itsap10003-0)

Canadian Organizations

Report incidents by emailing CCCS at contact@cyber.gc.ca.

New Zealand Organizations

Report cyber security incidents to incidents@ncsc.govt.nz or call 04 498 7654.

United Kingdom Organizations

Report a significant cyber security incident: ncsc.gov.uk/report-an-incident (monitored 24 hours) or, for urgent assistance, call 03000 200 973.

RESOURCES

- Refer to CISA's [Logging Made Easy](#) page for free centralized log management solutions.
- Refer to [CISA's Cyber Essentials](#) for additional recommendations on managing cybersecurity risks.
- See [CCCS's Cyber Hygiene publication](#) for best practices for your organization.
- See [Questions Every CEO Should Ask About Cyber Risks](#) for additional best practices to help companies understand their risks and prepare for cyber threats.
- See [CISA Director Jen Easterly's opening statement on Volt Typhoon](#) before the House Select Committee on Strategic Competition Between the United States and the Chinese Communist Party.
- See CISA's [Recommended Cybersecurity Best Practices for Industrial Control Systems](#) for more guidance specific to organizations supporting U.S. critical infrastructure.
- See [CISA's Cyber Resilience Review webpage](#) for more information on CISA's no-cost, non-technical assessment to help organizations evaluate their operational resilience and cybersecurity practices.
- See CISA's Fact Sheet [Rising Ransomware Threats to Operational Technology Assets](#) for more information on reducing the vulnerability to severe business degradation if affected by malicious cyber activity. Although tailored to ransomware, the Fact Sheet has applicable guidance for other cyber threats.
- See [EPA Cybersecurity for the Water Sector | US EPA](#) for free cybersecurity assessments, training, funding and additional resources tailored to support drinking water and wastewater entities.

ACKNOWLEDGEMENTS

Cisco Talos, NTT Corporation, and Sophos contributed to this fact sheet.

DISCLAIMER

The information in this report is being provided "as is" for informational purposes only. The authoring agencies do not endorse any commercial entity, product, company, or service, including any entities, products, or services linked within this document. Any reference to specific commercial entities, products, processes, or services by service mark, trademark, manufacturer, or otherwise, does not constitute or imply endorsement, recommendation, or favoring by the authoring agencies.

Wastewater Surveillance Update

DATE: April 12, 2024

TO: Niagara County Health Department, Wastewater Facilities, & Stakeholders ¹

FROM: Joe Moran, MSc ²

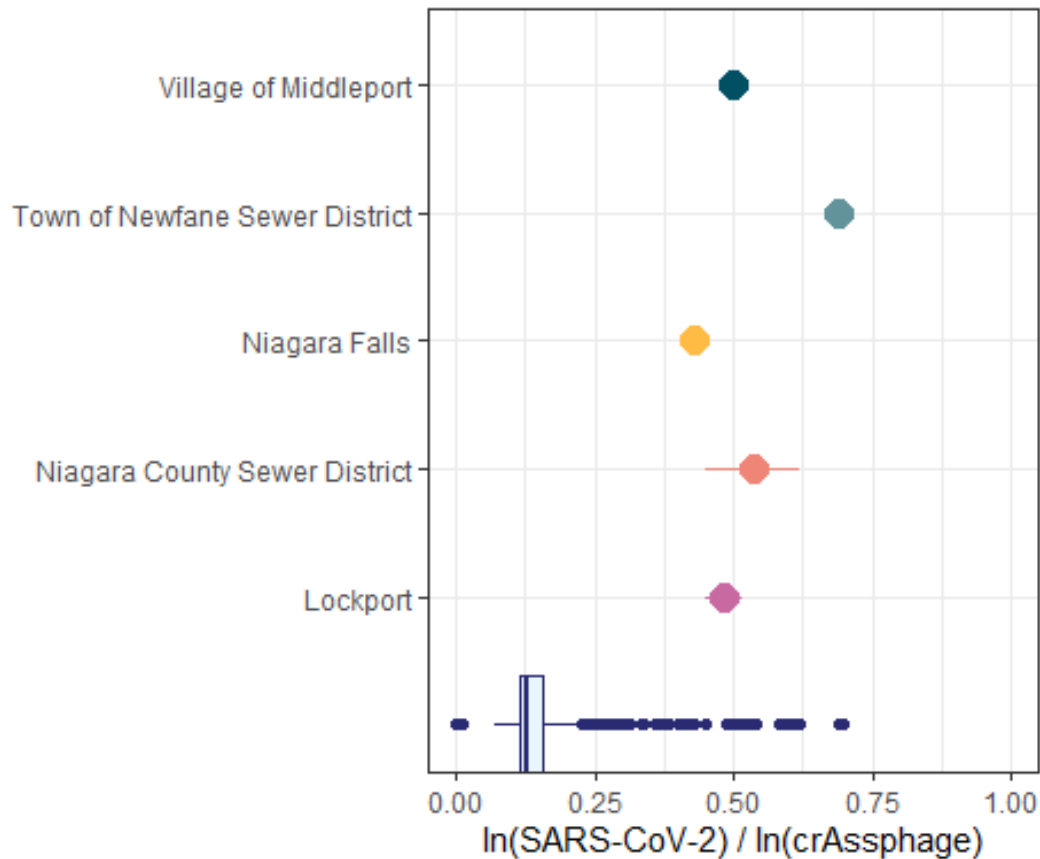
RE: Niagara County Weekly Wastewater Surveillance Data Report

[Dashboard](#) | [Website](#)

All Samples from Niagara County From 2024-03-25 to 2024-03-28			
Collection Date	Compared to NYS	Detection Level	Two-Week Trend
Niagara County Sewer District			
March 28, 2024	lower	Quantifiable	NA
March 25, 2024	higher	Quantifiable	NA
Town of Newfane Sewer District			
March 26, 2024	higher	Quantifiable	increasing
Lockport			
March 26, 2024	higher	Quantifiable	NA
March 25, 2024	lower	Quantifiable	NA
Niagara Falls			
March 25, 2024	lower	Quantifiable	increasing
Village of Middleport			
March 25, 2024	comparable	Quantifiable	NA

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 population, county, region, and state.

² Contact me if you have any questions or concerns (845-866-7543 or joemoran@cdcfoundation.org)



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

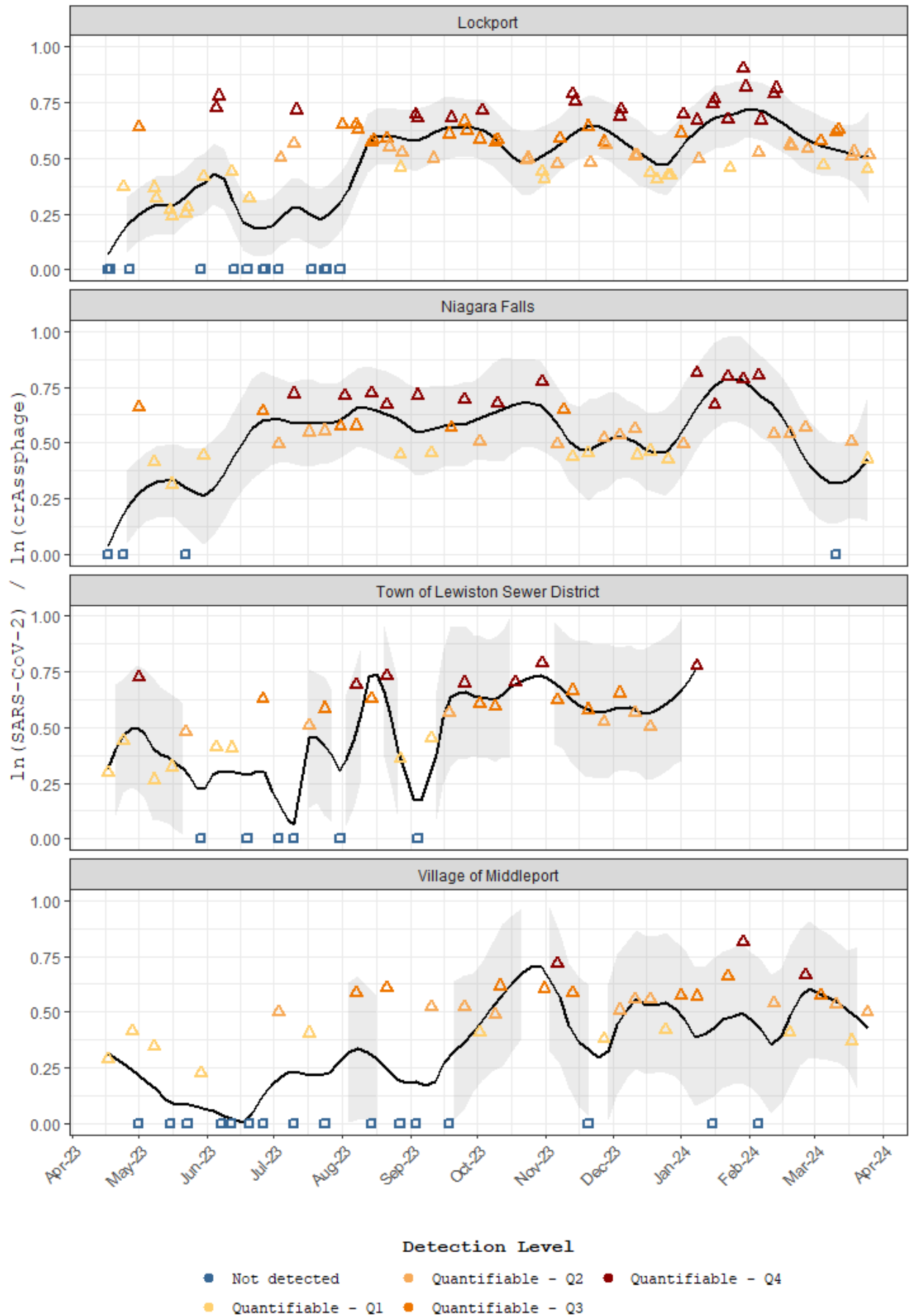
The most recent sample from **Lockport** on March 26, 2024 is **higher** when compared to New York State values.

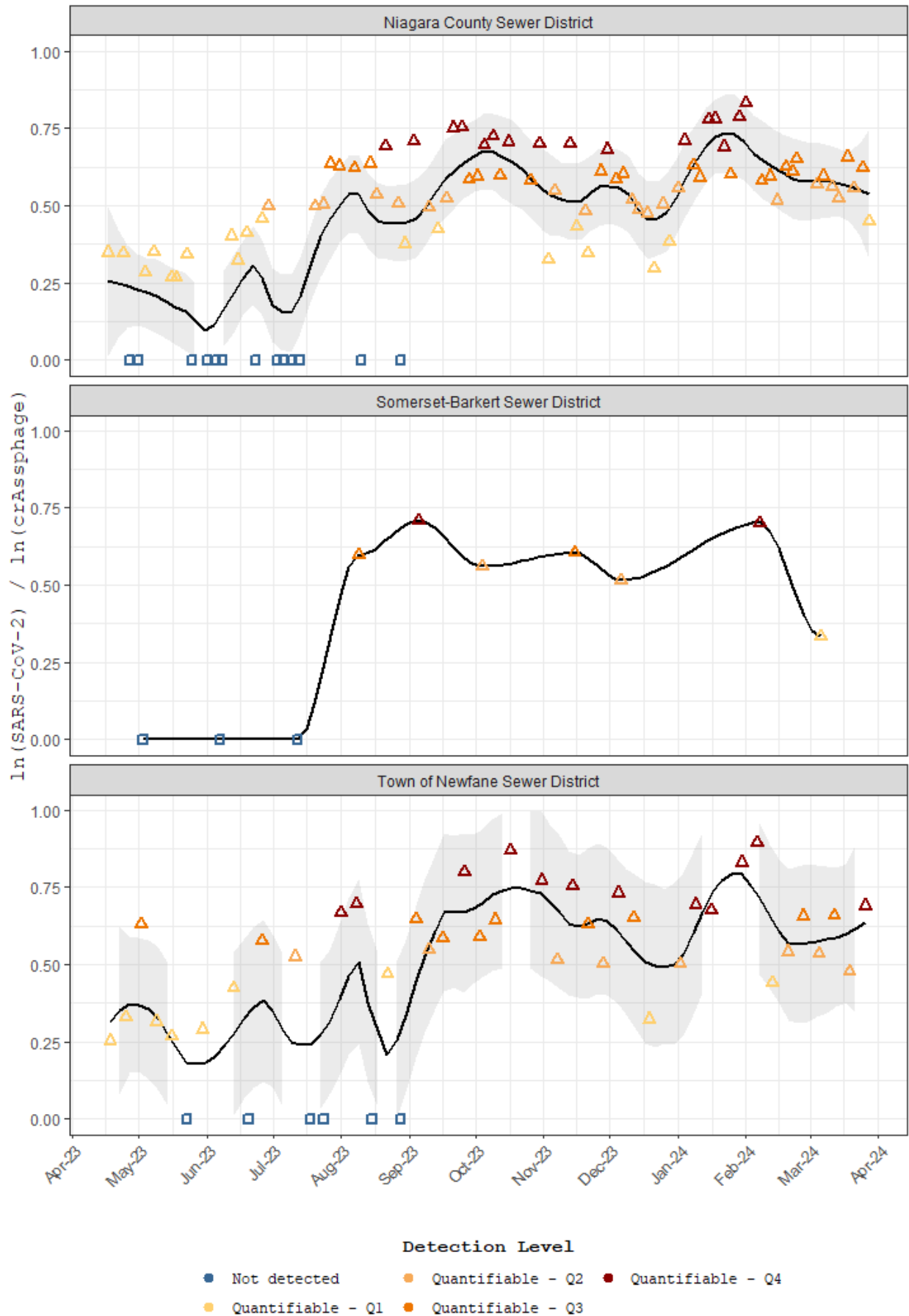
The most recent sample from **Niagara County Sewer District** on March 28, 2024 is **lower** when compared to New York State values.

The most recent sample from **Niagara Falls** on March 25, 2024 is **lower** when compared to New York State values.

The most recent sample from **Town of Newfane Sewer District** on March 26, 2024 is **higher** when compared to New York State values.

The most recent sample from **Village of Middleport** on March 25, 2024 is **comparable** when compared to New York State values.





A smoothed trend line (black), uncertainty (gray), and wastewater samples (shapes) 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, $\ln(\text{SARS-CoV-2})/\ln(\text{crAssphage})$, to give overall intensity. Quantifiable detections are given quantiles to show how current values compare to historical data.

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

- Not detected: <10 cases per 100,000
- Detected, <LOQ: 10-50 cases per 100,000
- Quantifiable detection: >50 cases per 100,000

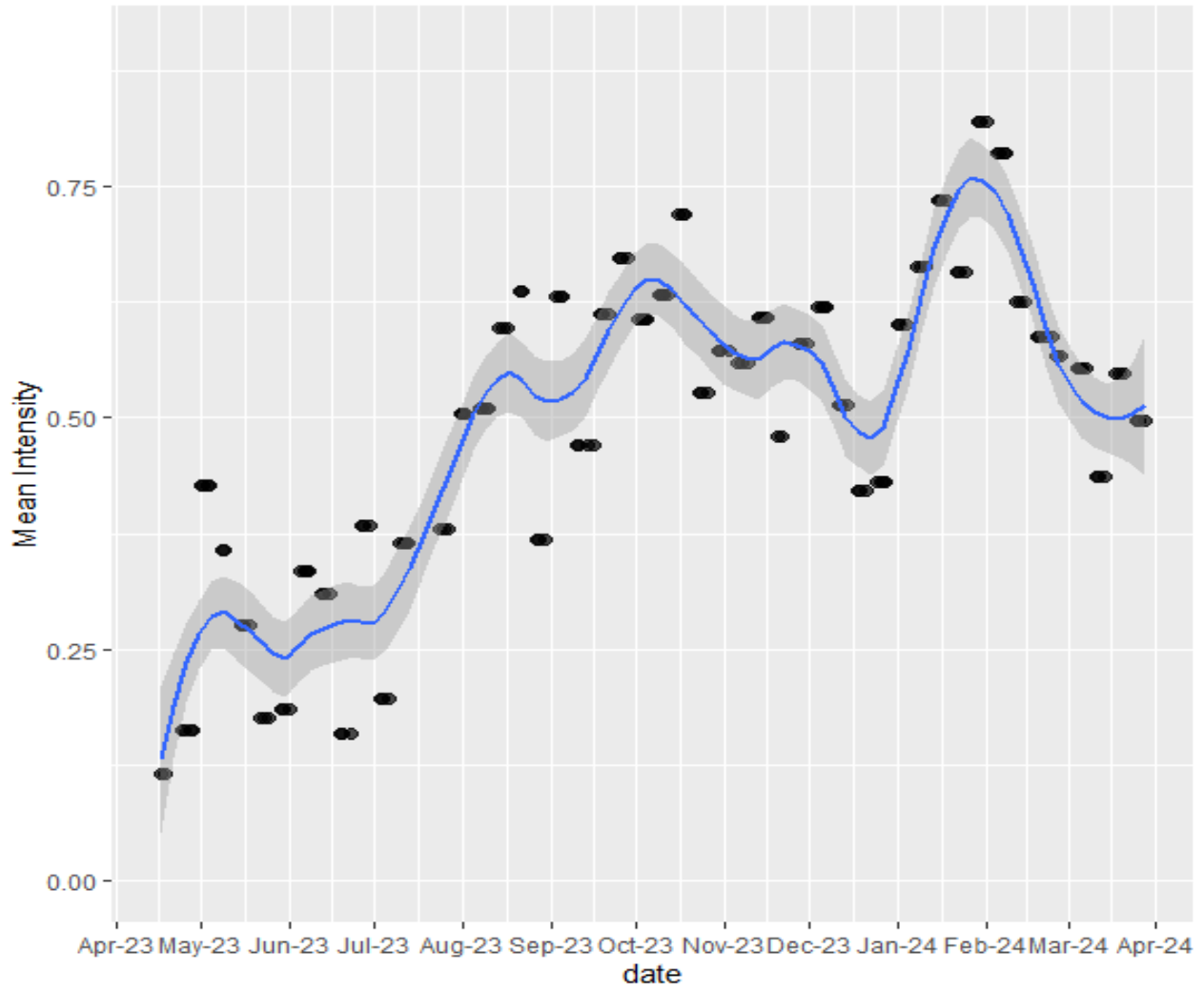
The most recent sample from **Lockport** on March 26, 2024, had a detection level of “**Quantifiable**” suggesting daily case incidence of more than 50 cases per 100,000 people.

The most recent sample from **Niagara County Sewer District** on March 28, 2024, had a detection level of “**Quantifiable**” suggesting daily case incidence of more than 50 cases per 100,000 people.

The most recent sample from **Niagara Falls** on March 25, 2024, had a detection level of “**Quantifiable**” suggesting daily case incidence of more than 50 cases per 100,000 people.

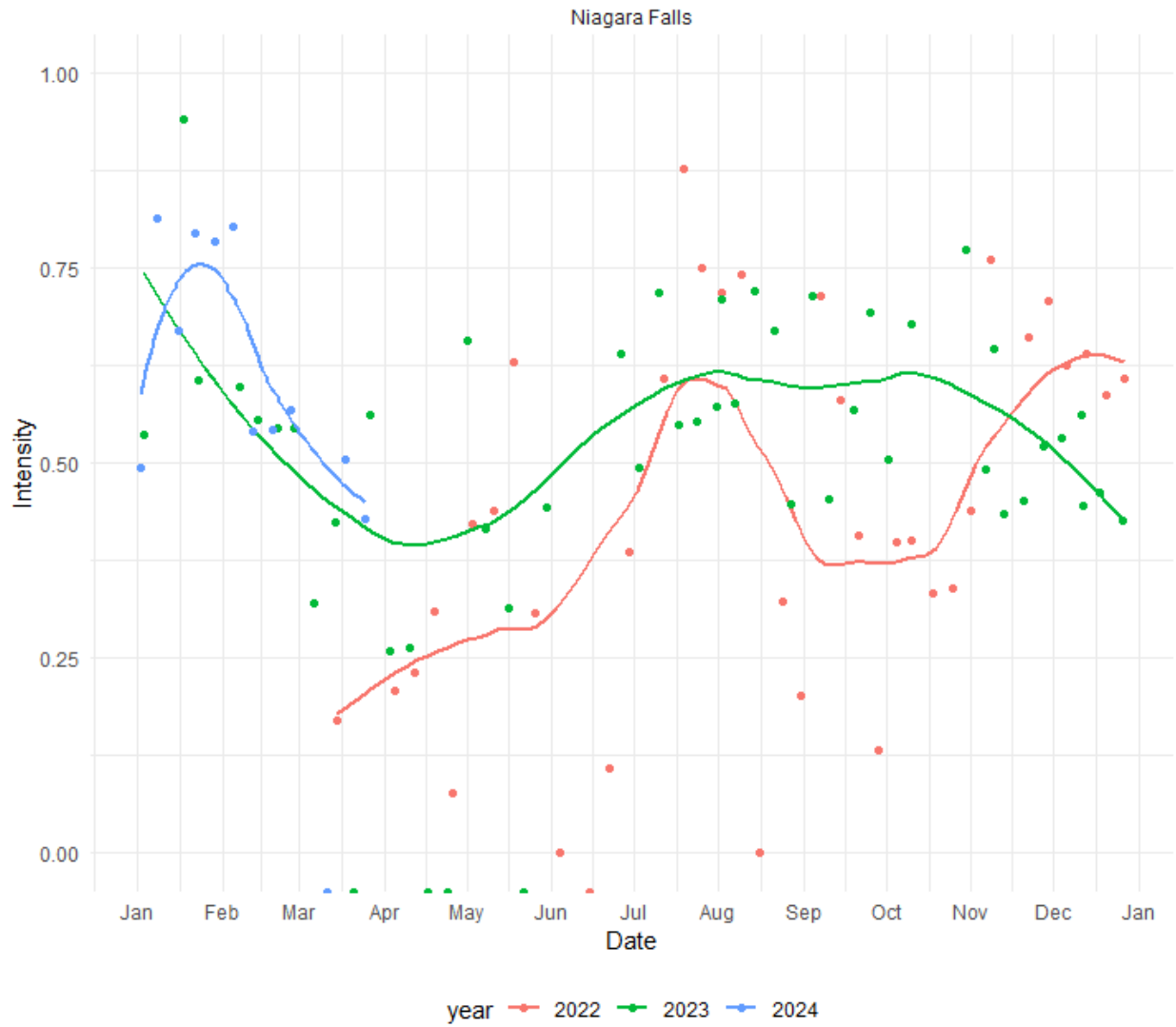
The most recent sample from **Town of Newfane Sewer District** on March 26, 2024, had a detection level of “**Quantifiable**” suggesting daily case incidence of more than 50 cases per 100,000 people.

The most recent sample from **Village of Middleport** on March 25, 2024, had a detection level of “**Quantifiable**” suggesting daily case incidence of more than 50 cases per 100,000 people.



Average intensity (population weighted) for all Niagara WWTP's over the last 12 months.

Trend lines by Site and Year

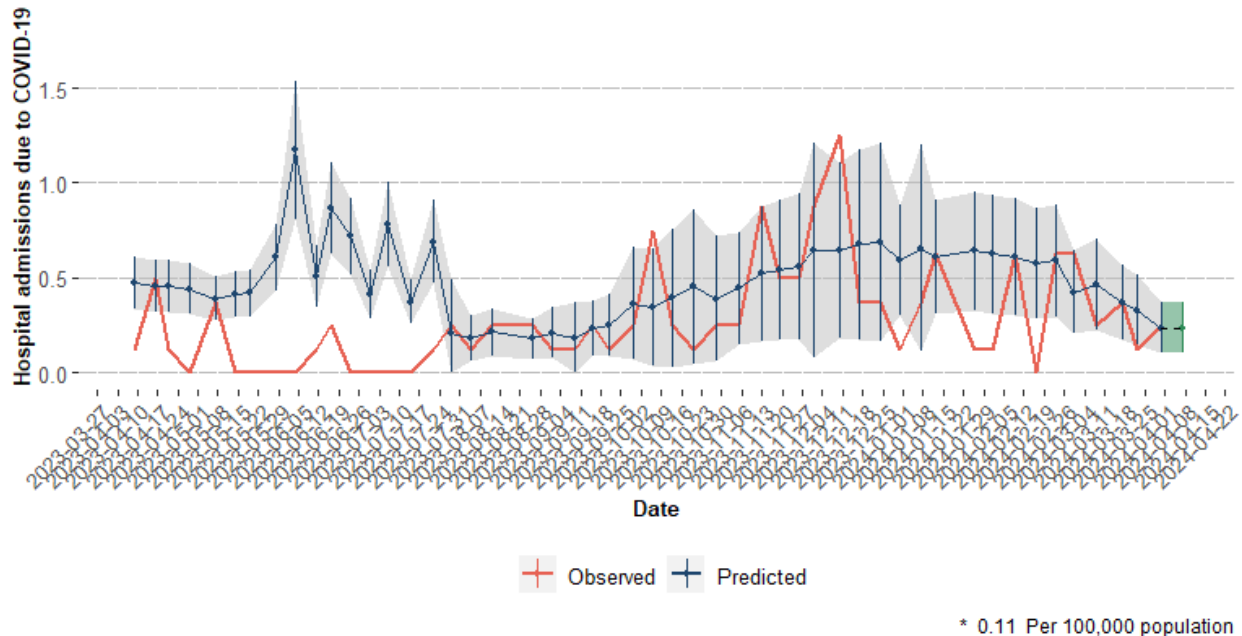


This figure shows an annual comparison of SARS-CoV-2 intensity. Smoothed trend lines, uncertainty (gray bands), and wastewater samples (dots) are shown.

Niagara County COVID-19 in-patient hospitalization trend

Predicted 7-day average in-patient hospitalizations in the next 10 days: **0.24***

0 percent decrease from previous week's prediction



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, and county social vulnerability from the CDC social vulnerability index.

UPDATE AUGUST 4, 2023: 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.

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 grey 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.

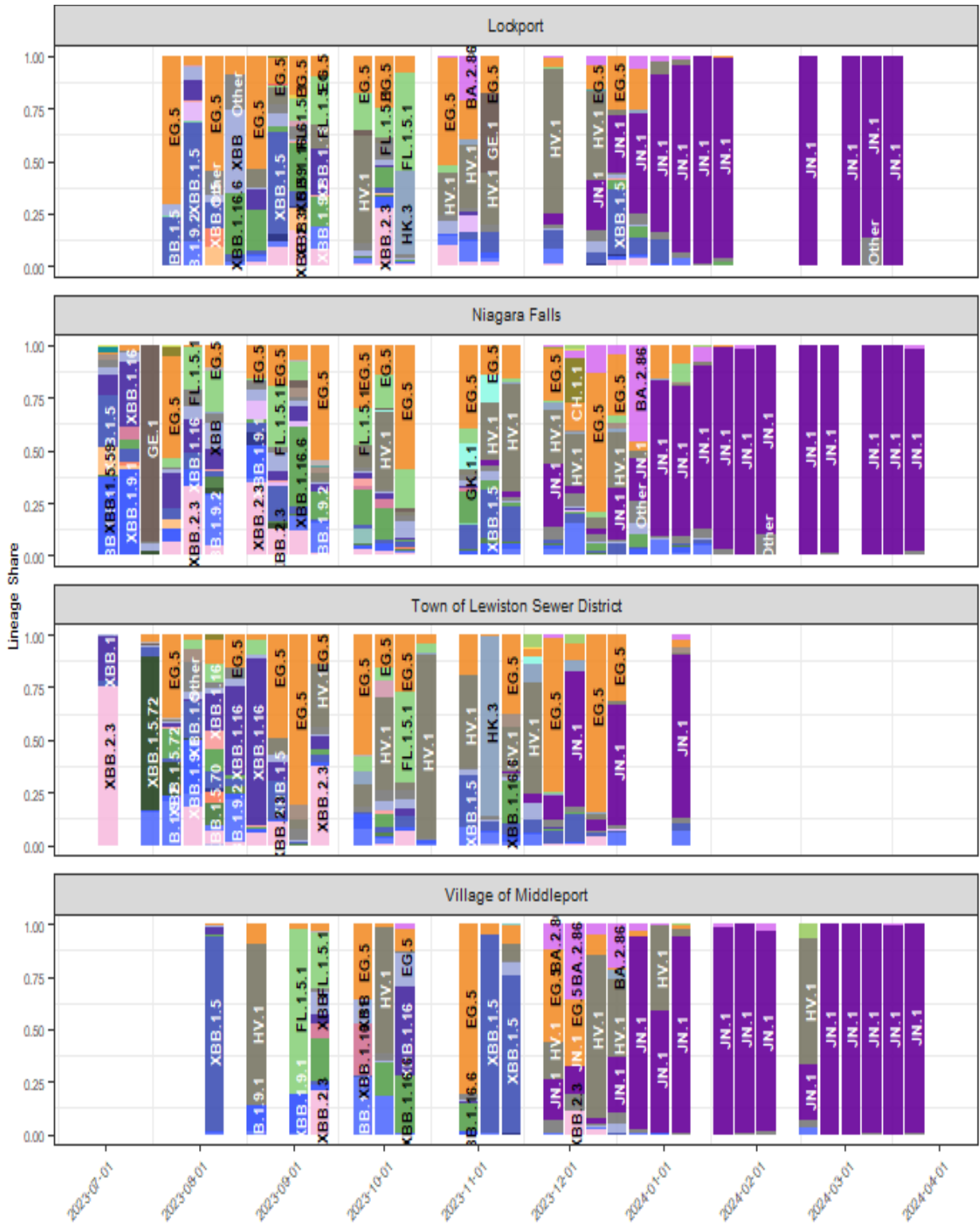
**Last 4 Weeks Niagara County Sewersheds:
Variants found from weeks beginning Sun, Feb 25, 24 to Sun, Mar 17, 24**

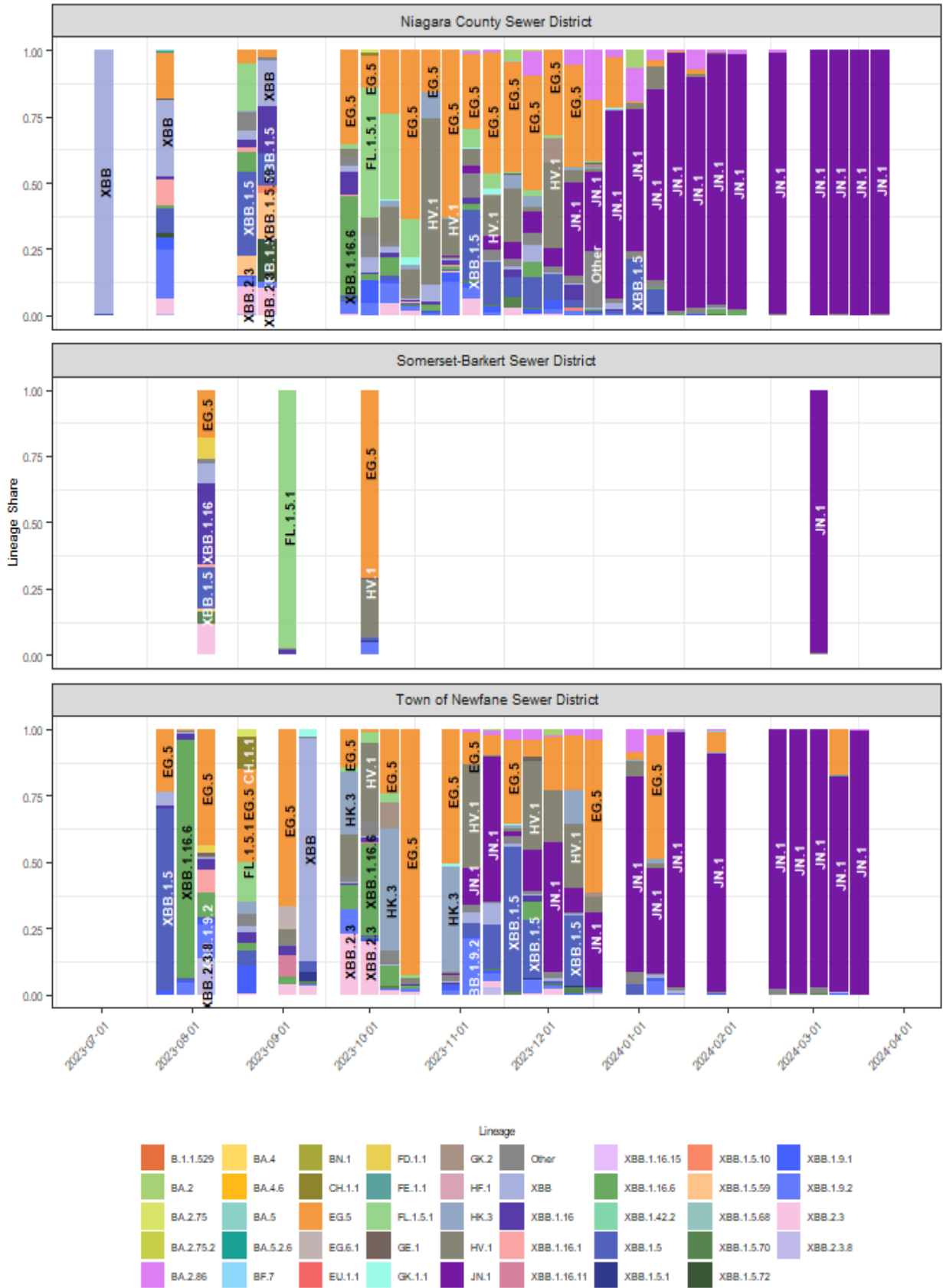
Label	Sewershed	Variants Found
Variant of concern	Lockport	JN.1
Variant under monitoring	Lockport	JN.1
Variant of concern	Niagara County Sewer District	JN.1
Variant of interest	Niagara County Sewer District	JN.1
Variant of concern	Niagara Falls	JN.1
Variant of concern	Somerset-Barkert Sewer District	JN.1
Variant of concern	Town of Newfane Sewer District	EG.5.1.8; JN.1
Variant under monitoring	Town of Newfane Sewer District	JG.3
Variant of concern	Village of Middleport	JN.1

Variants found throughout state from 2024-02-25 to 2024-03-24: BA.2.86, EG.5, EG.5.1.8, FL.1.5.1, GK.1.1, HV.1, JD.1.1, JG.3, JN.1, XBB.1.5.70, XBB.1.9.2

County level variants under monitoring table in the last four and six weeks: This table shows variants being monitored by various public health organizations. Variant name, source of information, monitoring status of variant, and presence within the county and state within the last four and six weeks are shown. Each variant is shown at four and six week intervals shown in the footnotes.

- Not detected within state or county: variant not detected at the state or county-level
- Detected at state-level: detected somewhere else in the state, but not in the county listed
- Detected within county: detected within the county showed



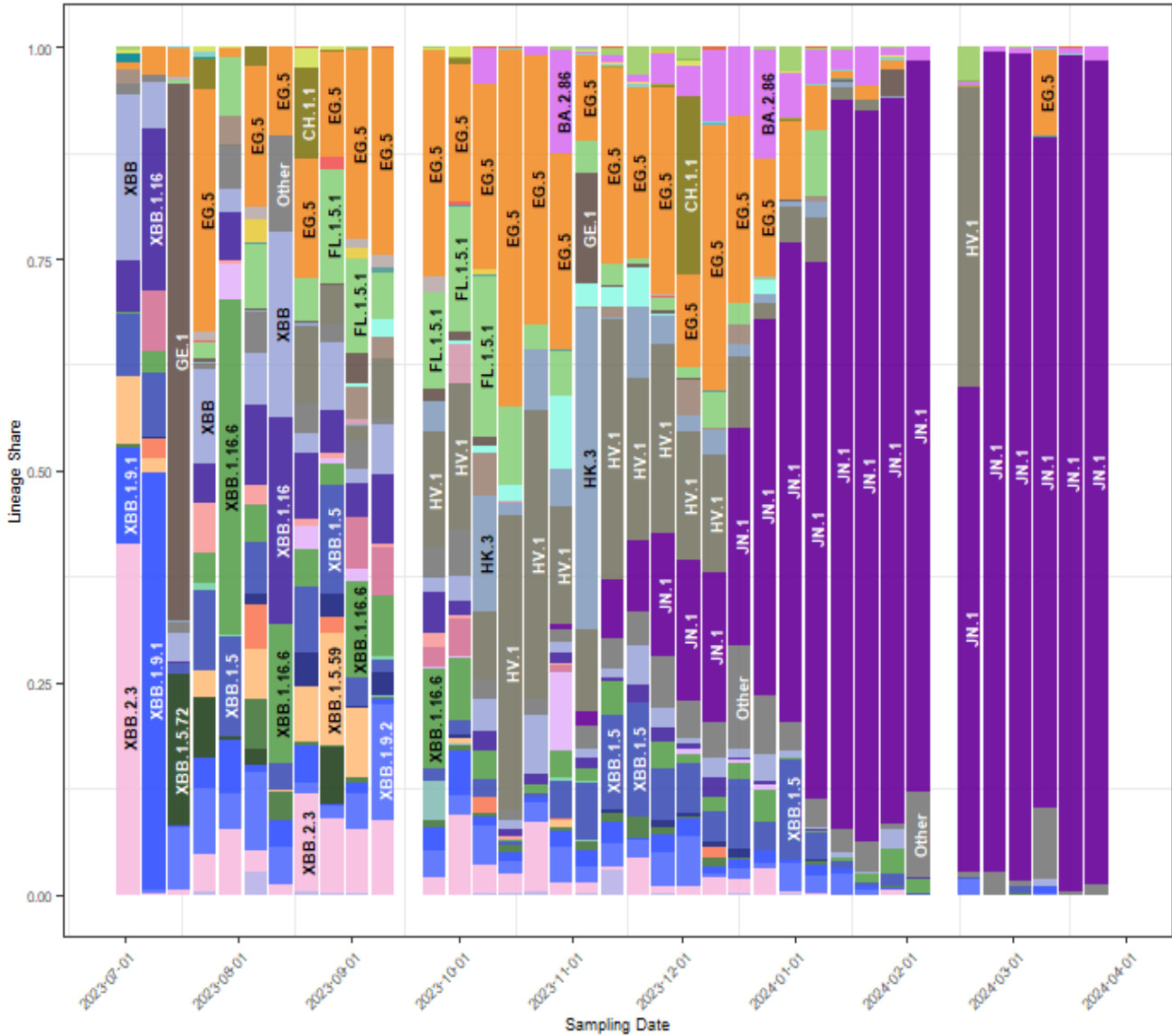


Sewershed level of SARS-CoV-2 genetic sequencing throughout time

Each bar shows the relative abundance of SARS-CoV-2 lineages during a sample collection date. Lineages with an abundance of at least 20% 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.

SARS-CoV-2 Genetic Sequencing

Niagara County Aggregation



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 20% 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.



MINUTES

Business Meeting of the Niagara Falls Water Board March 25, 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 5:01 p.m.

a. Attendance:

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

Forster (Chairman) *Present*

Kimble (Board Member) *Present via Videoconference*

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

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

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

c. Comments from Chairman Forster

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

- d. Presentations (none scheduled)
- e. Letters and Communications
 - i. 2024-02-16 - COVID Wastewater Surveillance Update Memorandum
 - ii. WWTP Order on Consent Q4 2023 Quarterly Progress Report
- f. Prior Meeting Minutes
 - i. Draft March 4, 2024 Meeting Minutes

Motion by Board Member Larkin and seconded by Board Member Leffler to approve the March 4, 2024 meeting minutes.

Asklar A Forster Y Kimble Y Larkin Y Leffler Y

Motion carried, 4-0.

2. Acting Executive Director – Michael Eagler

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

Mr. Eagler provided the Board with the updated Emergency Action Plan. He noted that demolition of the unused acid tank at the WWTP is complete, as is the WTP chlorine booster pump project. Acting WWTP Chief Operator Kirkland is attending the final class required to sit for the Grade 4 license examination. The New York State Police contacted the NFWB about using its sites for the April 8 eclipse. Per the Board's directive, they will be requested to send to the Board an outline of their plan.

3. Operations Executive – David Conti

Mr. Conti noted that WWTP power center transformers have been replaced, and one intermediate pump motor was delivered. A WTP high-lift pump failed earlier in the day, and Molle is coming tomorrow to begin repairs.

4. Outside Infrastructure Updates – Cortez Bradberry

Mr. Bradberry stated that the Vac-Con truck that is on the agenda has an April 18, 2024 delivery date, and the chassis will be a 2025. The price was negotiated down another \$5,000.

5. Engineering – Douglas Williamson

Mr. Williamson discussed the resolutions to award capital projects pursuant to the recent RFPs. Nussbaumer & Clarke was present to answer any questions about their proposals.

6. Personnel Items – David San Lorenzo

- a. **March 25, 2024 Personnel Actions**
- b. **Union Time Paid by Water Board**

Mr. San Lorenzo noted that there will be recruitment for industrial monitoring jobs for succession planning.

Motion by Board Member Larkin and seconded by Board Member Leffler to approve Sections A and B on the Personnel Actions report.

Asklar A Forster Y Kimble Y Larkin Y Leffler Y

Motion carried, 4-0.

7. Information Technology (IT) – Jonathan Joyce

Mr. Joyce reported that no critical issues have been identified during ongoing cyber monitoring. Verizon bills have been reduced significantly – from about \$4,000 to about \$2,000 per month – by disabling unused or little used devices. More work is needed for landlines. Chairman Forster asked questions about devices with high data use. Devices use data from a pool, excess data usage is billed at about \$10 per gigabyte, the largest overage charge Mr. Joyce is aware of was about \$30-\$40.

8. Finance – Brian Majchrowicz

- a. Revenue Budget Performance Report through 2/29/2024
- b. Sewer Fund Expense Budget Performance Report through 2/29/2024
- c. Water Fund Expense Budget Performance Report through 2/29/2024
- d. Board Fund Expense Budget Performance Report through 2/29/2024
- 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 file the Board's PARIS reports by the March 31 deadline.

9. Questions Regarding February 2024 Operations and Maintenance Report

10. Safety – John Accardo

11. General Counsel and Secretary – Sean Costello

Mr. Costello noted that among ongoing efforts at community outreach, a group of high school students are taking a tour of the WWTP facilitated by Waterkeeper on April 23, and the Niagara Frontier Section of the Air & Waste Management Assn. are touring the plant on April 25, to be followed by a presentation by Dr. Goeddertz and Mr. Costello.

12. From the Chairman

13. Resolutions

2024-03-006 – ACCEPTING LABELLA PROPOSAL FOR WATER MAIN REPLACEMENT ENGINEERING SERVICES

- a. 2024-02-19 - LaBella Associates Capital Projects Proposal

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

Asklar A Forster Y Kimble Y Larkin Y Leffler Y

Motion carried, 4-0.

2024-03-007 – ACCEPTING NUSSBAUMER & CLARKE PROPOSAL FOR WATER TREATMENT PLANT SCADA CONTROL SYSTEM UPGRADE ENGINEERING SERVICES

- a. 2024-02-19 - Nussbaumer & Clarke Proposal for WTP SCADA Survey and Conceptual Design Engineering Services

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

Asklar __A__ Forster __Y__ Kimble __Y__ Larkin __Y__ Leffler __Y__

Motion carried, 4-0.

2024-03-008 – ACCEPTING AECOM PROPOSAL FOR ENGINEERING SERVICES - WWTP CAPITAL PROJECTS

- a. 2024-02-19 - AECOM Proposal for Capital Improvement Projects

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

Asklar __A__ Forster __Y__ Kimble __Y__ Larkin __Y__ Leffler __Y__

Motion carried, 4-0.

2024-03-009 – ACCEPTING AECOM PROPOSAL FOR CALUMET AVENUE SEWER REHABILITATION PROJECT ENGINEERING SERVICES

- a. 2024-02-19 - AECOM Proposal for Capital Improvement Projects (Included in agenda packet following Resolution 2024-03-008)

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

Asklar __A__ Forster __Y__ Kimble __Y__ Larkin __Y__ Leffler __Y__

Motion carried, 4-0.

2024-03-010 – PROCUREMENT OF VAC CON COMBINATION SEWER CLEANING TRUCK AND DISPOSAL THROUGH TRADE IN OF 2017 AQUATECH COMBINATION TRUCK

- a. 2024-03-20 - Updated VacCon Quotation - Increased Trade Value and Specified Delivery Date
b. VacCon Chassis Details - VIN Redacted

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

Asklar __A__ Forster __Y__ Kimble __Y__ Larkin __Y__ Leffler __Y__

Motion carried, 4-0.

2024-03-011 – WWTP PROJECT 3 ENGINEERING SERVICES AGREEMENT – CONTROLS AND BELT FILTER PRESS REFURBISHMENT

- a. **2024-03-21 - Nussbaumer & Clarke WWTP Project 3 Proposal**
- b. **Nussbaumer & Clarke Work Hour and Fee Breakdown**

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

Asklar __A__ Forster __Y__ Kimble __Y__ Larkin __Y__ Leffler __Y__

Motion carried, 4-0.

2024-03-012 – WATER TREATMENT PLANT ROOF REPLACEMENT CHANGE ORDER APPROVAL

- a. **2024-03-19 - WTP Roof Replacement Change Order No. 4**

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

Asklar __A__ Forster __Y__ Kimble __Y__ Larkin __Y__ Leffler __Y__

Motion carried, 4-0.

2024-03-013 – APPROVING AND ACCEPTING INDEPENDENT AUDIT AND INVESTMENT REPORTS

- a. **EFPR 2023 Audit Documents**

Chairman Forster asked Mr. Costello to thank EFPR for their work and for their clear and helpful presentation at the work session.

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

Asklar __A__ Forster __Y__ Kimble __Y__ Larkin __Y__ Leffler __Y__

Motion carried, 4-0.

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 Members Leffler to adjourn the meeting at 5:41 p.m.

Asklar A Forster Y Kimble Y Larkin Y Leffler Y

Motion carried, 4-0.

DRAFT



Niagara Falls Water Board (NFWB) Overall Project Budget Summary (Phase 1 Overall Budget = \$27M)
 Last Updated: 4/5/2024

Key	
Not approved	
Preliminary Estimate	

Project	Scope	Budget	Scope/Vendor	Estimated/ Final	% Billed	Recent Work Update
1	Sedimentation Basin Upgrades	\$10,390,000	Design and Bidding (AECOM - Approved)	\$409,000	100%	Hohl on site and working basin #2 which is last one to rehab.
			CA & CI (CPL - Approved)	\$470,000	94%	
			GEN Construction (Hohl - Per Bid - Approved)	\$9,410,228	75%	
			ELEC Construction (CIR - Per Bid - Approved)	\$922,769	81%	
			Project Total	\$11,211,997	77%	
			Remaining Budget	(\$821,997)		
3	Screens and Grit Transportation Equipment Improvements	\$1,920,000	Design and Bidding (Arcadis - Approved)	\$166,785	100%	Nussbaumer & Clarke to investigate and finish the project. Meeting to be held with N&C, contractor and NFWB.
			CA & CI (Arcadis - Approved)	\$217,750	95%	
			GEN Construction (Hohl - Per Bid - Approved)	\$1,549,833	82%	
			ELEC Construction (CIR - Per Bid - Approved)	\$205,122	93%	
			Project Total	\$2,139,490	86%	
			Remaining Budget	(\$219,490)		
5	Electrical System Improvements	\$2,610,000	Design/E.I. Team - Approved	\$102,120	100%	Transformer 4A & 4B installed. Transformer 5 installation estimated April/May.
			Phase 2 Design - Approved	\$198,941	100%	
			Task 1 Construction - Ferguson - Approved	\$253,307	71%	
			Task 2 Construction - Ferguson - Approved	\$1,491,000	0%	
			Project Total	\$2,045,368	23%	
			Remaining Budget	\$564,632		
10	SCADA Improvements	\$498,650	Phase 1 Design/ Construction/Kaman - Approved	\$352,450	78%	Kaman continues SCADA integration work with Capital Project contractors.
			Phase 2 Design/ Construction - Approved (For Project #6)	\$146,200		
			Running Total	\$498,650	78%	
			Remaining Budget	\$0		
Phase 1 Budget Total =		\$27,000,000	Anticipated Total Cost (Percentage of Total Budget)	\$26,104,799	Remaining Ph. Budget	\$895,201

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

						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			

NFWB Financial Award Summary

Last Updated: 4/5/24

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 in bid with open 4/18/24.
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 under final design.
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 to provided EFC with document collection items.
Sewer Plant Phase 2 Improvements	\$13,000,000 total \$6,500,000 grant	NYS DASNY	Projects 2B, 11A, 11B and 12 are allowed to access this funding. Email sent to DEC 5/4/23 requesting projects to use remaining funds for. 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: 4/5/24

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: 4/5/24

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: 4/5/24

Note: Changes from last summary are in red text



Description	Amount	Source	Status
Large Funding Request Sewer Plant Biological Conversion	\$250,000,000 Total To be 3 parts \$20 mill loan (design) \$10,000,000 BIL grant \$10,000,000 loan \$100 mill (construction part 1) \$9,540,800 BIL grant \$130 mill (construction part 2)	NYS & Federal	Effort underway with officials for request. Several meetings with officials and WNY funding delegation. CPL submitted financial application to EFC IUP list 1/11/21. Funding request submitted to Senator Schumer 4/9/22. EFC Intended Use Plan listing updated 6/7/22. Meeting between NFWB, EFC and DEC 4/26/23 to discuss conversion. \$20 million loan request made to EFC IP on 6/16/23. \$100 million EFC WIIA & BIL application made on 8/11/23 for \$25 million WIIA and \$25 million BIL grants. \$10 million grant application submitted to CFA WQIP program on 8/11/23. Anticipate awards late 2023. For \$20 million EFC loan to assist with design, EFC sent NFWB letter 11/8/23 requesting missing items or response by 11/30/23. NFWB to submit response. EFC sent 1/8/24 noting BIL grant funding available for following. NFWB responded by 1/19/24. - \$10,000,000 grant for initial \$20 million design listing - \$9,540,800 grant for first \$100 million construction listing Congressional spending requests submitted to Schumer and Gillibrand 4/4/24.

NFWB Financial Award Summary

Last Updated: 4/5/24

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	NFWB staff reviewing projects for submission. EFC funding deadline 6/14/24.
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, April 22, 2024

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

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

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

C. PREVIOUSLY TABLED PERSONNEL ACTIONS				
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
M. Janese	Senior Lab Technician	Environmental Lab	Approx. \$55,000	Resignation effective April 26, 2024.

E. PERSONNEL ON LONG TERM LEAVE OF ABSENCE				
Name	Last Day Worked	Dept.	Return Status	Comments
CMM	12/1/2023	WWTP Inside Maint	Unknown	Workers Comp.



Revenue Budget Performance Report

Fiscal Year to Date 03/31/24

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	3,880.00	.00	11,322.50	33,677.50	25	10,080.00
2140.001	District 1	2,101,006.00	.00	2,101,006.00	1,747.20	.00	487,157.12	1,613,848.88	23	(153,372.34)
2140.002	District 2	2,546,082.00	.00	2,546,082.00	1,205.12	.00	587,460.33	1,958,621.67	23	665.33
2140.003	District 3	1,909,562.00	.00	1,909,562.00	467,446.32	.00	469,050.16	1,440,511.84	25	153,925.87
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	375.00	.00	690,542.82	2,900,979.18	19	(218,040.07)
2140.006	Industrial SIU	3,189,405.00	.00	3,189,405.00	.00	.00	611,202.96	2,578,202.04	19	.00
2140.008	Hydrant Usage	6,000.00	.00	6,000.00	.00	.00	58.24	5,941.76	1	336.17
2140.599	Miscellaneous Departmental Incom	5,000.00	.00	5,000.00	.00	.00	250.00	4,750.00	5	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	24,752.70	.00	111,388.00	343,612.00	24	112,638.31
2144.006	Lab Analysis	35,000.00	.00	35,000.00	733.00	.00	1,974.00	33,026.00	6	8,035.07
2144.008	Missing Meter Charge	20,000.00	.00	20,000.00	1,530.00	.00	7,914.50	12,085.50	40	6,247.00
2144.009	Mtr Install/Reinstall/Reactivate	5,000.00	.00	5,000.00	275.00	.00	725.00	4,275.00	14	1,075.00
2144.010	Final Meter Read/Inspect	18,000.00	.00	18,000.00	1,375.00	.00	3,725.00	14,275.00	21	3,125.00
2144.012	Backflow Certification	7,500.00	.00	7,500.00	3,500.67	.00	5,710.67	1,789.33	76	2,630.00
2148.001	District 1	92,942.00	.00	92,942.00	.00	.00	13,378.25	79,563.75	14	14,312.59
2148.002	District 2	65,340.00	.00	65,340.00	.00	.00	9,216.11	56,123.89	14	8,890.75
2148.003	District 3	65,561.00	.00	65,561.00	(371.39)	.00	13,892.24	51,668.76	21	36,812.94
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	.00	.00	3,243.78	21,756.22	13	4,373.33
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	(22.74)	1,522.74	-2	.09
	<i>Departmental Income Totals</i>	\$14,126,058.00	\$0.00	\$14,126,058.00	\$506,448.62	\$0.00	\$3,075,877.14	\$11,050,180.86	22%	\$24,637.94
	<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	.00	200,000.00	0	87,839.69
	<i>Use Of Money & Property Totals</i>	\$200,000.00	\$0.00	\$200,000.00	\$0.00	\$0.00	\$0.00	\$200,000.00	0%	\$87,839.69
	<i>Licenses And Permits</i>									
2550.006	Cellular Towers	210,000.00	.00	210,000.00	13,275.02	.00	39,674.95	170,325.05	19	48,109.88
2590.004	Hydrant Permits & Rentals	9,000.00	.00	9,000.00	.00	.00	98.50	8,901.50	1	1,725.64
	<i>Licenses And Permits Totals</i>	\$219,000.00	\$0.00	\$219,000.00	\$13,275.02	\$0.00	\$39,773.45	\$179,226.55	18%	\$49,835.52
	<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	530.61
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 03/31/24

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%	\$530.61
	<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	770.00	.00	2,695.00	5,305.00	34	2,310.00
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	\$770.00	\$0.00	\$2,633.06	\$13,366.94	16%	\$855.50
	<i>Interfund Revenues</i>									
2801.GA	Interfd Rev WtrBd-Sewr	.00	.00	.00	.00	.00	35,635.10	(35,635.10)	+++	.00
	<i>Interfund Revenues Totals</i>	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$35,635.10	(\$35,635.10)	+++	\$0.00
	REVENUE TOTALS	\$14,798,883.00	\$0.00	\$14,798,883.00	\$520,493.64	\$0.00	\$3,153,918.75	\$11,644,964.25	21%	\$163,699.26
Fund	FA - Water Board - Water Totals	\$14,798,883.00	\$0.00	\$14,798,883.00	\$520,493.64	\$0.00	\$3,153,918.75	\$11,644,964.25		\$163,699.26



Revenue Budget Performance Report

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Exclude Rollup Account

Account	Account Description	Adopted Budget	Budget Amendments	Amended Budget	Current Month Transactions	YTD Encumbrances	YTD Transactions	Budget - YTD Transactions	% Used/ Rec'd	Prior Year YTD
Fund	GA - Water Board - Sewer									
	REVENUE									
	<i>Departmental Income</i>									
2120.001	District 1	2,840,321.00	.00	2,840,321.00	2,312.70	.00	646,512.32	2,193,808.68	23	(202,751.95)
2120.002	District 2	3,329,002.00	.00	3,329,002.00	1,595.17	.00	780,927.63	2,548,074.37	23	780.34
2120.003	District 3	2,605,234.00	.00	2,605,234.00	622,258.62	.00	624,381.56	1,980,852.44	24	202,936.41
2120.005	Industrial CSIRU	4,629,652.00	.00	4,629,652.00	.00	.00	942,148.34	3,687,503.66	20	(346,410.84)
2120.006	Industrial SIU	12,000,000.00	.00	12,000,000.00	995,608.25	.00	1,745,409.67	10,254,590.33	15	18,626.24
2120.008	Hydrant Usage	10,000.00	.00	10,000.00	.00	.00	77.09	9,922.91	1	445.03
2120.102	Town Of Niagara	688,434.00	.00	688,434.00	.00	.00	272,716.76	415,717.24	40	159,410.79
2122.002	Dye Tests	50,000.00	.00	50,000.00	3,780.00	.00	11,222.50	38,777.50	22	10,080.00
2128.001	District 1	124,420.00	.00	124,420.00	.00	.00	17,711.89	106,708.11	14	18,993.36
2128.002	District 2	70,017.00	.00	70,017.00	.00	.00	12,202.25	57,814.75	17	11,682.64
2128.003	District 3	86,948.00	.00	86,948.00	(1,154.56)	.00	17,993.63	68,954.37	21	48,467.58
2128.005	Industrial	25,000.00	.00	25,000.00	.00	.00	5,081.73	19,918.27	20	6,033.45
2128.006	Industrial SIU	20,368.00	.00	20,368.00	.00	.00	2,948.25	17,419.75	14	119.67
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	\$1,624,400.18	\$0.00	\$5,124,635.43	\$21,154,760.57	20%	(\$48,483.39)
	<i>Use Of Money & Property</i>									
2401.000	Interest Earnings	200,000.00	.00	200,000.00	.00	.00	.00	200,000.00	0	87,839.68
	<i>Use Of Money & Property Totals</i>	\$200,000.00	\$0.00	\$200,000.00	\$0.00	\$0.00	\$0.00	\$200,000.00	0%	\$87,839.68
	<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	2,127.23	.00	2,127.23	2,872.77	43	.00
	<i>Sale Of Prop/Cmp For Loss Totals</i>	\$5,000.00	\$0.00	\$5,000.00	\$2,127.23	\$0.00	\$2,127.23	\$2,872.77	43%	\$0.00
	<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	.00	25,000.00	0	21,557.34
	<i>Misc Local Sources Totals</i>	\$25,000.00	\$0.00	\$25,000.00	\$0.00	\$0.00	(\$77.09)	\$25,077.09	0%	\$8,569.98
	<i>Interfund Revenues</i>									
2801.F	Interfd Rev Fr Water	.00	.00	.00	.00	.00	95,076.63	(95,076.63)	+++	.00
	<i>Interfund Revenues Totals</i>	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$95,076.63	(\$95,076.63)	+++	\$0.00
	REVENUE TOTALS	\$26,514,496.00	\$0.00	\$26,514,496.00	\$1,626,527.41	\$0.00	\$5,221,762.20	\$21,292,733.80	20%	\$47,926.27
Fund	GA - Water Board - Sewer Totals	\$26,514,496.00	\$0.00	\$26,514,496.00	\$1,626,527.41	\$0.00	\$5,221,762.20	\$21,292,733.80		\$47,926.27



Revenue Budget Performance Report

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Exclude Rollup Account

Account	Account Description	Adopted Budget	Budget Amendments	Amended Budget	Current Month Transactions	YTD Encumbrances	YTD Transactions	Budget - YTD Transactions	% Used/ Rec'd	Prior Year YTD
Fund	VFG - Plant Fund									
	REVENUE									
	<i>Use Of Money & Property</i>									
2401.000	Interest Earnings	700,000.00	.00	700,000.00	.00	.00	.00	700,000.00	0	245,282.19
	<i>Use Of Money & Property Totals</i>	\$700,000.00	\$0.00	\$700,000.00	\$0.00	\$0.00	\$0.00	\$700,000.00	0%	\$245,282.19
	REVENUE TOTALS	\$700,000.00	\$0.00	\$700,000.00	\$0.00	\$0.00	\$0.00	\$700,000.00	0%	\$245,282.19
Fund	VFG - Plant Fund Totals	\$700,000.00	\$0.00	\$700,000.00	\$0.00	\$0.00	\$0.00	\$700,000.00		\$245,282.19
	Grand Totals	\$42,013,379.00	\$0.00	\$42,013,379.00	\$2,147,021.05	\$0.00	\$8,375,680.95	\$33,637,698.05		\$456,907.72



Expense Budget Performance Report

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Exclude Rollup Account

Account	Account Description	Adopted Budget	Budget Amendments	Amended Budget	Current Month Transactions	YTD Encumbrances	YTD Transactions	Budget - YTD Transactions	% Used/ Rec'd	Prior Year YTD
Fund	GA - Water Board - Sewer									
	EXPENSE									
	<i>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	1.75	.00	43.85	(43.85)	+++	30.51
0125.000	Insurance OPT Out	123,466.00	.00	123,466.00	10,929.14	.00	25,085.46	98,380.54	20	20,293.13
0130.000	Temporary Payroll	313,182.00	.00	313,182.00	52,536.69	.00	105,217.45	207,964.55	34	115,834.04
0140.000	Overtime	223,000.00	.00	223,000.00	12,641.61	.00	36,024.53	186,975.47	16	41,607.06
0150.000	Acting Next-In-Rank Pay	12,480.00	.00	12,480.00	14,402.37	.00	38,158.31	(25,678.31)	306	.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	5,447.31	.00	12,918.42	(12,918.42)	+++	10,118.65
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	552.35	.00	22,466.06	(22,466.06)	+++	20,729.63
0165.000	Military Leave	.00	.00	.00	.00	.00	.00	.00	+++	2,145.49
0170.000	Overtime Meals	8,200.00	.00	8,200.00	357.00	.00	930.50	7,269.50	11	1,163.75
0180.000	Comp. Time Earned	.00	.00	.00	372.45	.00	3,385.68	(3,385.68)	+++	1,062.16
0181.000	Vacation Pay	.00	.00	.00	2,110.61	.00	18,317.60	(18,317.60)	+++	1,787.02
0182.000	Personal Time	.00	.00	.00	340.30	.00	1,801.26	(1,801.26)	+++	489.79
0183.000	Compensatory Time Off	.00	.00	.00	9,979.93	.00	26,904.31	(26,904.31)	+++	24,222.22
0184.000	Funeral Leave	.00	.00	.00	513.76	.00	1,668.58	(1,668.58)	+++	359.67
0186.000	Call-In Time	25,000.00	.00	25,000.00	1,422.86	.00	4,215.33	20,784.67	17	4,436.71
0189.000	Sick Leave	.00	.00	.00	5,888.64	.00	16,230.70	(16,230.70)	+++	10,836.92
	<i>Personnel Services Totals</i>	\$789,828.00	\$0.00	\$789,828.00	\$117,496.77	\$0.00	\$325,482.98	\$464,345.02	41%	\$262,741.58
	<i>Personnel - Position Control</i>									
0110.000	Biweekly Payroll	3,216,385.00	.00	3,216,385.00	275,903.49	.00	613,058.49	2,603,326.51	19	497,753.75
	<i>Personnel - Position Control Totals</i>	\$3,216,385.00	\$0.00	\$3,216,385.00	\$275,903.49	\$0.00	\$613,058.49	\$2,603,326.51	19%	\$497,753.75
	<i>Capital Outlays</i>									
0210.000	Furniture & Furnishings	3,000.00	.00	3,000.00	.00	.00	.00	3,000.00	0	2,626.89
0250.500	Safety Equipment	10,000.00	.00	10,000.00	.00	.00	.00	10,000.00	0	4,158.72
	<i>Capital Outlays Totals</i>	\$13,000.00	\$0.00	\$13,000.00	\$0.00	\$0.00	\$0.00	\$13,000.00	0%	\$6,785.61
	<i>Contractual Expenses</i>									
0411.000	Office Supplies	3,050.00	.00	3,050.00	171.96	.00	171.96	2,878.04	6	997.85
0412.000	Uniforms	2,940.00	.00	2,940.00	.00	.00	239.56	2,700.44	8	.00
0413.000	Safety Shoes	11,000.00	.00	11,000.00	764.95	.00	1,764.95	9,235.05	16	1,379.30
0414.000	Automotive-Gas,Oil,Grease	50,000.00	.00	50,000.00	3,839.44	.00	7,505.68	42,494.32	15	7,118.15
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	4,539.77	.00	17,316.41	12,683.59	58	2,655.51
0419.003	Cleaning/Sanitary	10,000.00	.00	10,000.00	.00	.00	408.87	9,591.13	4	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	.00	187,000.00	11,901.42	7,138.76	28,936.93	150,924.31	19	20,522.66



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Fund	GA - Water Board - Sewer									
	EXPENSE									
	<i>Contractual Expenses</i>									
0419.006	Construction/Repair	130,000.00	.00	130,000.00	9,734.18	383.88	10,146.14	119,469.98	8	24,886.11
0419.008	Signals/Communication	5,000.00	.00	5,000.00	.00	.00	.00	5,000.00	0	.00
0419.009	Misc Chemicals	25,000.00	.00	25,000.00	1,360.66	.00	1,974.64	23,025.36	8	1,884.02
0419.010	Laboratory	30,000.00	.00	30,000.00	1,027.32	2,803.46	8,007.10	19,189.44	36	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	44,511.88	62,796.76	148,111.48	489,091.76	30	177,377.92
0419.016	Primary Polymer	100,000.00	.00	100,000.00	.00	50,000.00	.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	9,030.36	72,801.37	27,198.63	120,000.00	45	25,024.36
0419.024	Hypochlorite Solution	6,500,000.00	.00	6,500,000.00	224,539.58	1,289,915.16	710,084.84	4,500,000.00	31	1,216,937.47
0419.599	Undesignated Supplies	64,200.00	.00	64,200.00	4,473.28	4,519.57	13,356.49	46,323.94	28	14,337.35
0421.001	Phone Extension Chgs	34,000.00	.00	34,000.00	1,749.54	.00	5,997.39	28,002.61	18	9,246.13
0421.002	Wireless Services	11,000.00	.00	11,000.00	469.78	.00	1,399.27	9,600.73	13	1,704.41
0422.000	Light & Power	695,000.00	.00	695,000.00	91,349.74	.00	160,101.94	534,898.06	23	136,731.83
0423.000	Water/Sewer	595,000.00	.00	595,000.00	.00	.00	95,076.63	499,923.37	16	.00
0424.000	Gas	25,000.00	.00	25,000.00	2,911.96	.00	5,223.71	19,776.29	21	8,381.62
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	.00	.00	150,810.41	(30,810.41)	126	137,634.80
0440.003	Motor Vehicle Equipment	70,000.00	.00	70,000.00	685.40	.00	2,364.50	67,635.50	3	14,883.13
0440.599	Undesignated Leases	1,500.00	.00	1,500.00	.00	.00	160.03	1,339.97	11	126.58
0441.000	Rental Of Real Property	75.00	.00	75.00	.00	.00	.00	75.00	0	.00
0442.000	Rental Of Equipment	19,500.00	.00	19,500.00	10.00	.00	30.00	19,470.00	0	9,786.72
0442.003	Motor Vehicle Equip Rentl	10,000.00	.00	10,000.00	.00	.00	.00	10,000.00	0	458.50
0442.599	Undesignated Rentals	5,000.00	.00	5,000.00	91.95	983.28	1,016.72	3,000.00	40	.00
0443.000	Repair Of Real Property	40,500.00	.00	40,500.00	8,523.94	326.50	8,697.44	31,476.06	22	12,077.39
0444.000	Repair Of Equipment	245,000.00	.00	245,000.00	1,462.39	747.00	11,767.06	232,485.94	5	38,342.99
0446.000	Computer Services	4,500.00	.00	4,500.00	359.97	.00	1,086.07	3,413.93	24	1,083.74
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	13,295.37	41,704.63	24	13,179.03
0449.002	Sludge Disposal	2,000,000.00	.00	2,000,000.00	165,555.68	673,664.21	326,335.79	1,000,000.00	50	363,157.67
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	9,746.62	36,443.54	30,510.96	363,385.50	16	55,754.16
0451.000	Consultants	100,000.00	.00	100,000.00	9,469.50	11,025.50	18,074.43	70,900.07	29	.00
0454.000	Attorney Services	40,000.00	.00	40,000.00	20,236.25	.00	20,236.25	19,763.75	51	696.25
0461.000	Postage	35,000.00	.00	35,000.00	930.93	.00	17,584.12	17,415.88	50	1,878.02
0463.000	Travel & Training Expense	22,000.00	.00	22,000.00	600.00	2,925.00	5,865.00	13,210.00	40	.00
0463.500	Safety Training	1,000.00	.00	1,000.00	550.00	.00	550.00	450.00	55	.00



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Fund	GA - Water Board - Sewer									
	EXPENSE									
	<i>Contractual Expenses</i>									
0465.000	Laundry & Cleaning	9,500.00	.00	9,500.00	624.56	5,456.56	2,043.44	2,000.00	79	1,869.60
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	.00	.00	76.07	423.93	15	91.29
0471.000	Recruitment Expenditures	800.00	.00	800.00	159.00	.00	212.48	587.52	27	179.00
	<i>Contractual Expenses Totals</i>	\$13,707,905.00	\$0.00	\$13,707,905.00	\$635,813.80	\$2,281,930.55	\$2,001,754.30	\$9,424,220.15	31%	\$2,305,326.27
	<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	21,272.83	.00	53,798.65	96,201.35	36	57,377.61
0820.000	Worker's Compensation	240,000.00	.00	240,000.00	782.74	.00	1,565.48	238,434.52	1	1,640.48
0830.000	Life Insurance	13,732.00	.00	13,732.00	.00	.00	.00	13,732.00	0	3,607.06
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	.00	.00	81,750.00	2,651,100.00	3	617,966.94
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	1,380.83
0865.000	Chiropractic Insurance	1,400.00	.00	1,400.00	.00	.00	140.00	1,260.00	10	250.00
	<i>Employee Benefits Totals</i>	\$3,764,417.00	\$0.00	\$3,764,417.00	\$22,055.57	\$0.00	\$242,713.13	\$3,521,703.87	6%	\$771,297.59
	<i>Employee Benefit - FICA</i>									
0810.000	Social Security	306,093.00	.00	306,093.00	29,308.57	.00	69,938.99	236,154.01	23	56,394.13
	<i>Employee Benefit - FICA Totals</i>	\$306,093.00	\$0.00	\$306,093.00	\$29,308.57	\$0.00	\$69,938.99	\$236,154.01	23%	\$56,394.13
	EXPENSE TOTALS	\$21,797,628.00	\$0.00	\$21,797,628.00	\$1,080,578.20	\$2,281,930.55	\$3,252,947.89	\$16,262,749.56	25%	\$3,900,298.93
Fund	GA - Water Board - Sewer Totals	\$21,797,628.00	\$0.00	\$21,797,628.00	\$1,080,578.20	\$2,281,930.55	\$3,252,947.89	\$16,262,749.56		\$3,900,298.93
	Grand Totals	\$21,797,628.00	\$0.00	\$21,797,628.00	\$1,080,578.20	\$2,281,930.55	\$3,252,947.89	\$16,262,749.56		\$3,900,298.93



Expense Budget Performance Report

Fiscal Year to Date 03/31/24

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	63.00	.00	395.92	(395.92)	+++	.00
0121.000	Weekly Comp Differential	.00	.00	.00	10.41	.00	70.67	(70.67)	+++	49.12
0125.000	Insurance OPT Out	79,345.00	.00	79,345.00	12,035.40	.00	27,110.84	52,234.16	34	19,511.36
0130.000	Temporary Payroll	116,000.00	.00	116,000.00	18,348.00	.00	39,867.83	76,132.17	34	20,976.24
0140.000	Overtime	116,150.00	.00	116,150.00	6,985.83	.00	22,668.58	93,481.42	20	23,228.12
0150.000	Acting Next-In-Rank Pay	.00	.00	.00	1,108.24	.00	2,602.89	(2,602.89)	+++	.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	2,647.66	.00	6,466.27	(6,466.27)	+++	3,596.37
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	897.31	.00	31,106.34	(31,106.34)	+++	23,963.68
0170.000	Overtime Meals	3,015.00	.00	3,015.00	158.50	.00	549.50	2,465.50	18	470.25
0180.000	Comp. Time Earned	.00	.00	.00	1,364.43	.00	3,078.18	(3,078.18)	+++	2,233.89
0181.000	Vacation Pay	.00	.00	.00	1,809.98	.00	18,344.68	(18,344.68)	+++	13,700.71
0182.000	Personal Time	.00	.00	.00	.00	.00	1,803.38	(1,803.38)	+++	336.76
0183.000	Compensatory Time Off	.00	.00	.00	12,395.08	.00	33,961.70	(33,961.70)	+++	42,079.85
0184.000	Funeral Leave	.00	.00	.00	561.68	.00	2,121.37	(2,121.37)	+++	1,019.76
0186.000	Call-In Time	12,350.00	.00	12,350.00	691.07	.00	2,395.42	9,954.58	19	1,716.70
0189.000	Sick Leave	.00	.00	.00	7,423.88	.00	16,432.58	(16,432.58)	+++	19,321.09
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	\$66,500.47	\$0.00	\$213,349.21	\$143,775.79	60%	\$174,136.74
	<i>Personnel - Position Control</i>									
0110.000	Biweekly Payroll	2,565,429.00	.00	2,565,429.00	285,482.53	.00	627,323.56	1,938,105.44	24	511,204.65
0153.000	Stipend	.00	.00	.00	.00	.00	.00	.00	+++	1,268.90
	<i>Personnel - Position Control Totals</i>	\$2,565,429.00	\$0.00	\$2,565,429.00	\$285,482.53	\$0.00	\$627,323.56	\$1,938,105.44	24%	\$512,473.55
	<i>Capital Outlays</i>									
0210.000	Furniture & Furnishings	5,000.00	.00	5,000.00	.00	.00	.00	5,000.00	0	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	3,241.20	.00	3,819.20	16,180.80	19	230.73
0250.007	Computer Equipment	100,000.00	.00	100,000.00	6,199.53	4,763.46	8,885.84	86,350.70	14	4,631.06
0250.500	Safety Equipment	7,500.00	.00	7,500.00	.00	.00	360.80	7,139.20	5	1,381.81
	<i>Capital Outlays Totals</i>	\$150,500.00	(\$10,000.00)	\$140,500.00	\$9,440.73	\$4,763.46	\$13,065.84	\$122,670.70	13%	\$7,231.18
	<i>Capital Construction</i>									
0300.000	Capital Construction	.00	.00	.00	33,283.55	.00	42,822.02	(42,822.02)	+++	.00
	<i>Capital Construction Totals</i>	\$0.00	\$0.00	\$0.00	\$33,283.55	\$0.00	\$42,822.02	(\$42,822.02)	+++	\$0.00
	<i>Contractual Expenses</i>									
0411.000	Office Supplies	10,200.00	.00	10,200.00	956.23	6,540.47	2,556.44	1,103.09	89	2,993.36



Expense Budget Performance Report

Fiscal Year to Date 03/31/24

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	360.10	(216.08)	1,655.98	8	.00
0413.000	Safety Shoes	7,800.00	.00	7,800.00	524.99	.00	1,069.98	6,730.02	14	1,814.12
0414.000	Automotive-Gas,Oil,Grease	60,000.00	.00	60,000.00	3,763.84	.00	7,424.17	52,575.83	12	9,045.49
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	4,603.34	.00	17,379.98	7,620.02	70	6,490.62
0419.003	Cleaning/Sanitary	6,000.00	.00	6,000.00	46.56	369.62	1,630.38	4,000.00	33	767.79
0419.005	Tools & Machine Parts	112,000.00	.00	112,000.00	1,225.65	4,483.92	4,039.83	103,476.25	8	30,150.51
0419.006	Construction/Repair	160,000.00	.00	160,000.00	7,805.77	1,852.64	33,113.84	125,033.52	22	16,314.01
0419.009	Misc Chemicals	785,000.00	.00	785,000.00	59,463.50	63,084.88	133,387.09	588,528.03	25	137,767.87
0419.010	Laboratory	40,000.00	.00	40,000.00	5,801.53	2,313.50	11,372.93	26,313.57	34	3,389.35
0419.599	Undesignated Supplies	7,700.00	10,000.00	17,700.00	3,113.21	3,281.40	3,326.16	11,092.44	37	1,482.34
0421.001	Phone Extension Chgs	15,000.00	.00	15,000.00	119.36	.00	359.03	14,640.97	2	1,862.47
0421.002	Wireless Services	16,000.00	.00	16,000.00	866.48	.00	2,588.57	13,411.43	16	4,690.77
0422.000	Light & Power	600,000.00	.00	600,000.00	53,546.88	.00	110,232.59	489,767.41	18	112,548.38
0423.000	Water/Sewer	625,000.00	.00	625,000.00	.00	.00	35,635.10	589,364.90	6	.00
0424.000	Gas	35,000.00	.00	35,000.00	5,731.39	.00	10,247.84	24,752.16	29	18,293.93
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	685.40	.00	2,364.50	67,635.50	3	14,883.16
0440.599	Undesignated Leases	1,500.00	.00	1,500.00	.00	.00	337.28	1,162.72	22	183.87
0441.000	Rental Of Real Property	.00	.00	.00	24.00	.00	24.00	(24.00)	+++	.00
0442.000	Rental Of Equipment	4,500.00	.00	4,500.00	10.00	.00	30.00	4,470.00	1	785.01
0442.003	Motor Vehicle Equip Rentl	.00	.00	.00	.00	.00	.00	.00	+++	917.00
0442.599	Undesignated Rentals	4,000.00	.00	4,000.00	218.36	1,223.28	496.72	2,280.00	43	515.80
0444.000	Repair Of Equipment	27,500.00	.00	27,500.00	96.05	3,667.49	34,439.33	(10,606.82)	139	2,505.29
0446.000	Computer Services	4,500.00	.00	4,500.00	361.19	.00	1,087.36	3,412.64	24	1,083.76
0446.008	Software Maint/Licenses	335,000.00	.00	335,000.00	9,670.92	19,401.39	46,343.47	269,255.14	20	52,867.51
0449.000	Billing & Collection	55,000.00	.00	55,000.00	4,431.79	.00	13,295.37	41,704.63	24	13,179.06
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	+++	1,096.34
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	1,243.05	296.01	705,384.87	330,900.12	68	711,726.46
0451.000	Consultants	80,000.00	.00	80,000.00	122.70	368.10	12,776.44	66,855.46	16	386.53
0454.000	Attorney Services	60,000.00	.00	60,000.00	20,236.25	.00	20,236.25	39,763.75	34	696.25
0461.000	Postage	35,000.00	.00	35,000.00	930.94	.00	17,584.13	17,415.87	50	2,072.85



Expense Budget Performance Report

Fiscal Year to Date 03/31/24

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	320.00	225.00	4,875.30	37,399.70	12	5,351.16
0463.500	Safety Training	.00	.00	.00	550.00	.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	34.50	465.50	7	.00
0467.000	Advertising	500.00	.00	500.00	.00	.00	76.08	423.92	15	91.30
0471.000	Recruitment Expenditures	800.00	.00	800.00	.00	.00	183.48	616.52	23	.00
<i>Contractual Expenses Totals</i>		\$4,757,381.00	\$10,000.00	\$4,767,381.00	\$186,512.50	\$107,467.80	\$1,335,138.22	\$3,324,774.98	30%	\$1,254,026.48
<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	1,043.64	223,956.36	0	1,093.64
0830.000	Life Insurance	10,765.00	.00	10,765.00	.00	.00	.00	10,765.00	0	2,749.69
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	.00	.00	59,480.32	1,693,954.68	3	370,345.75
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	939.06
0865.000	Chiropractic Insurance	3,000.00	.00	3,000.00	135.00	.00	650.00	2,350.00	22	460.00
<i>Employee Benefits Totals</i>		\$2,323,441.00	\$0.00	\$2,323,441.00	\$656.82	\$0.00	\$113,903.96	\$2,209,537.04	5%	\$420,125.47
<i>Employee Benefit - FICA</i>										
0810.000	Social Security	223,574.00	.00	223,574.00	26,201.99	.00	62,783.89	160,790.11	28	51,390.37
<i>Employee Benefit - FICA Totals</i>		\$223,574.00	\$0.00	\$223,574.00	\$26,201.99	\$0.00	\$62,783.89	\$160,790.11	28%	\$51,390.37
EXPENSE TOTALS		\$10,377,450.00	\$0.00	\$10,377,450.00	\$608,078.59	\$112,231.26	\$2,408,386.70	\$7,856,832.04	24%	\$2,419,383.79
Fund FA - Water Board - Water Totals		\$10,377,450.00	\$0.00	\$10,377,450.00	\$608,078.59	\$112,231.26	\$2,408,386.70	\$7,856,832.04		\$2,419,383.79
Grand Totals		\$10,377,450.00	\$0.00	\$10,377,450.00	\$608,078.59	\$112,231.26	\$2,408,386.70	\$7,856,832.04		\$2,419,383.79



Expense Budget Performance Report

Fiscal Year to Date 03/31/24

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	70.54	.00	710.45	6,039.55	11	1,547.11
0451.000	Consultants	160,000.00	.00	160,000.00	13,677.50	.00	15,951.25	144,048.75	10	42,817.90
0454.000	Attorney Services	100,000.00	.00	100,000.00	923.00	.00	1,541.78	98,458.22	2	3,322.74
0459.000	Auditors	24,000.00	.00	24,000.00	.00	.00	.00	24,000.00	0	14,000.00
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	150.00	39,850.00	0	.00
0466.000	Books,Mags. & Memberships	7,000.00	.00	7,000.00	.00	.00	.00	7,000.00	0	.00
	<i>Contractual Expenses Totals</i>	\$338,000.00	\$0.00	\$338,000.00	\$14,671.04	\$0.00	\$18,353.48	\$319,646.52	5%	\$61,687.75
	EXPENSE TOTALS	\$338,000.00	\$0.00	\$338,000.00	\$14,671.04	\$0.00	\$18,353.48	\$319,646.52	5%	\$61,687.75
Fund	FGB - Water Board Totals	\$338,000.00	\$0.00	\$338,000.00	\$14,671.04	\$0.00	\$18,353.48	\$319,646.52		\$61,687.75
	Grand Totals	\$338,000.00	\$0.00	\$338,000.00	\$14,671.04	\$0.00	\$18,353.48	\$319,646.52		\$61,687.75

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

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

WEALTH ADVISORS- 2643

Treasury Reconciliation FY 2024

MONTH	STARTING VALUE	DEPOSITS/WITHDRAWALS	TRANSFERS	CHANGE IN VALUE	MONTH ENDING VALUE	PY MONTH ENDING VALUE
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	-	-	-	15,488,100.27	15,304,054.61
APR	15,488,100.27	-	-	-	15,488,100.27	15,271,078.78
MAY	15,488,100.27	-	-	-	15,488,100.27	15,276,545.33
JUN	15,488,100.27	-	-	-	15,488,100.27	15,276,603.36
JUL	15,488,100.27	-	-	-	15,488,100.27	15,287,688.65
AUG	15,488,100.27	-	-	-	15,488,100.27	15,285,805.42
SEP	15,488,100.27	-	-	-	15,488,100.27	15,323,648.49
OCT	15,488,100.27	-	-	-	15,488,100.27	15,367,266.52
NOV	15,488,100.27	-	-	-	15,488,100.27	15,419,482.84
DEC	15,488,100.27	-	-	-	15,488,100.27	15,479,628.77
FY TOTAL		(105,400.33)	-	113,871.83		

BANK PAID DATE	Req #	Invoice Date	PP # of #	VENDOR	Project Name	DESCRIPTION	INVOICE	AMOUNT	CIP FUNDING ACCOUNT
3/14/2024	2024-027	9/25/2023	N/A	John W. Danforth	WWTP Intermediate Pumps	42" Valve Removal	JC131923	\$ 16,600.00	WWTP-11.5
3/14/2024	2024-028	12/27/2023	N/A	Temp-Press,	Freeze/Thaw Bypass Project	Callbration & Installation of Meter	59532	\$ 912.50	WTP-4
3/14/2024	2024-029	2/14/2024	41	CPL	Combined Projects-Misceleneous	Professional Services-Capital Work Management-January 2024	97525	\$ 11,028.75	C-5
3/14/2024	2024-030	2/14/2024	15	CPL	Basin Upgrades	Construction Administration	97526	\$ 13,535.00	WWTP-1
3/14/2024	2024-031	1/22/2024	N/A	General Insulation Company	Pipe Insulation	Insulation materials & Accessories	S6640147.002/.003/005	\$ 10,697.67	WTP-6
3/14/2024	2024-032	1/24/2024	N/A	K&S Contractors Supply	Hydrant Replacement	Hydrants	24-1167/24-2044/24-2045/24-2027	\$ 233,940.10	W-1
3/14/2024	2024-033	2/20/2024	N/A	CS Behler Inc.	GPS Tunnel	Materials	57358/57326	\$ 12,409.09	WWTP-2
3/14/2024	2024-034	2/5/2024	N/A	Blair Supply Corp	Hydrant Replacement	Hydrants	1264481	\$ 29,000.00	W-1
3/14/2024	2024-035	10/19/2023	4	4th Generation	18th Street Water Main Replacment	18th Street Water Main Replacment	4	\$ 79,068.42	W-10
								\$ 407,191.53	

NFWB Live
Budget Amendments Report
 From Date: 3/1/2024 - To Date: 3/31/2024

Account	G/L Date	Journal	Description	Increases	Decreases	Amended Balance
Fund: FA Water Board - Water						
Department: 8330 Purification						
Sub Department: 0200 Maintenance						
0250.000 - Other Equipment				Amended Balance as of: 3/1/2024		\$30,000.00
	03/20/2024	2024-00000929	TRANSFER FOR LED'S FOR THE UPPER CHEMICAL AREA	\$0.00	\$10,000.00	\$20,000.00
				\$0.00	\$10,000.00	\$20,000.00
0419.599 - Undesignated Supplies				Amended Balance as of: 3/1/2024		\$3,000.00
	03/20/2024	2024-00000929	TRANSFER FOR LED'S FOR THE UPPER CHEMICAL AREA	\$10,000.00	\$0.00	\$13,000.00
				\$10,000.00	\$0.00	\$13,000.00
Sub Department: 0200 Maintenance Totals:				\$10,000.00	\$10,000.00	
Department: 8330 Purification Totals:				\$10,000.00	\$10,000.00	
Fund Totals: Water Board - Water				\$10,000.00	\$10,000.00	
Fund: GA Water Board - Sewer						
Department: 8145 Laboratory						
Sub Department: 5220 Environmental Lab						
0449.008 - Hazardous Waste Displ.				Amended Balance as of: 3/1/2024		\$500.00
	03/28/2024	2024-00001012	TRANSFER TO COVER DISPOSAL OFF ALL CHEMICALS AT WWTP LAB	\$15,000.00	\$0.00	\$15,500.00
				\$15,000.00	\$0.00	\$15,500.00
0449.599 - Undesignated Services				Amended Balance as of: 3/1/2024		\$100,000.00
	03/28/2024	2024-00001012	TRANSFER TO COVER DISPOSAL OFF ALL CHEMICALS AT WWTP LAB	\$0.00	\$15,000.00	\$85,000.00
				\$0.00	\$15,000.00	\$85,000.00
Sub Department: 5220 Environmental Lab Totals:				\$15,000.00	\$15,000.00	
Department: 8145 Laboratory Totals:				\$15,000.00	\$15,000.00	
Fund Totals: Water Board - Sewer				\$15,000.00	\$15,000.00	
Grand Totals:				\$25,000.00	\$25,000.00	



Monthly O&M Report For the Month of March 2024

1. Treatment & Plant Maintenance

1.1. Water – Robert Rowe, updated 04/09/2024.

OPERATIONS AND MAINTENANCE

Total water production for the month of March was 598 million gallons. The average daily water production was 19.3 million gallons. The plant data summary table is included below for your reference.

2024 TOTALS AND AVERAGES

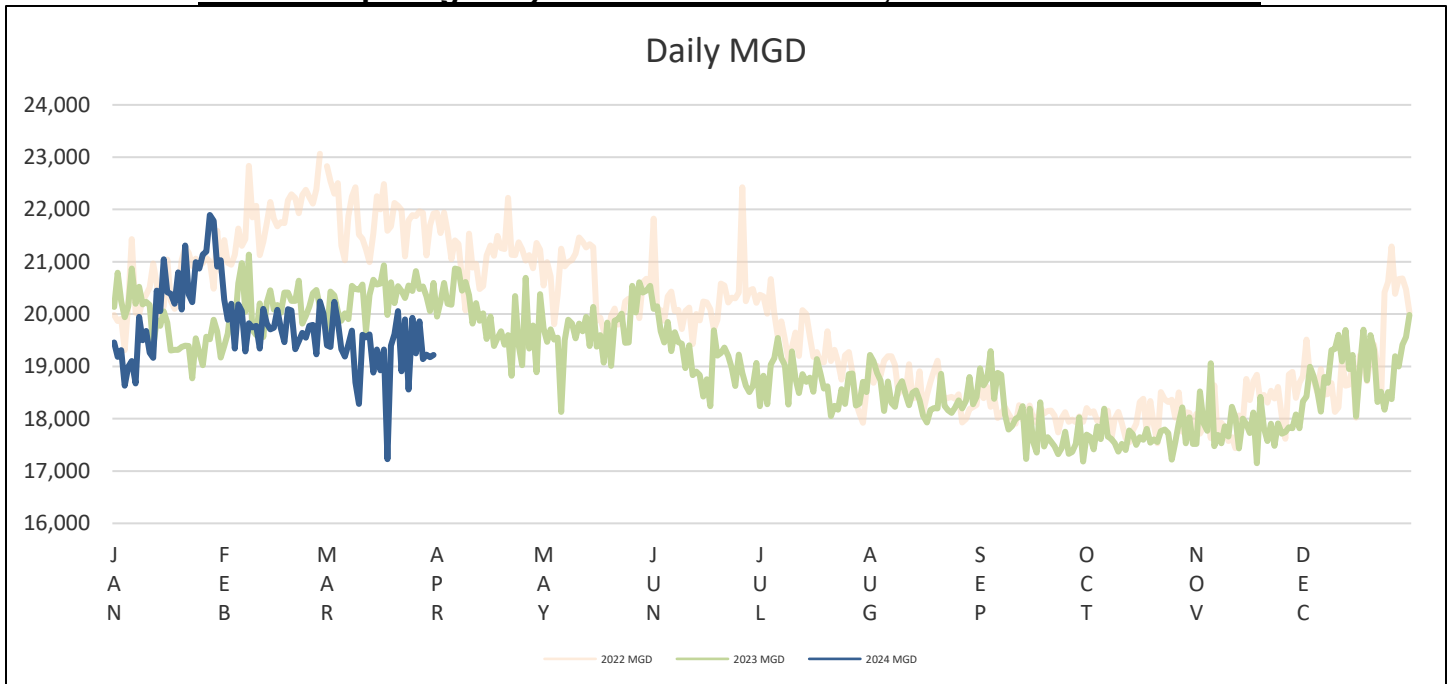
	R/W	PRE CL2	PACL	H2SiF6	PO4	POST CL2	F/W 1000 GAL/ DAY
	PUMPAGE	LBS	LBS	LBS	LBS	LBS	
JAN	626086	6773	137700	15135	3359	3962	20196
FEB	573789	5766	112600	13737	3084	3528	19786
MAR	598173	5810	104900	14181	3145	3758	19296
APR	0	0	0	0	0	0	0
MAY	0	0	0	0	0	0	0
JUN	0	0	0	0	0	0	0
JUL	0	0	0	0	0	0	0
AUG	0	0	0	0	0	0	0
SEP	0	0	0	0	0	0	0
OCT	0	0	0	0	0	0	0
NOV	0	0	0	0	0	0	0
DEC	0	0	0	0	0	0	0
TOTAL	1798048	18349	355200	43053	9588	11248	59278



FOR COMPARISON: 2023 TOTALS AND AVERAGES

	R/W	PRE CL2	PACL LBS	H2SiF6 LBS	PO4 LBS	POST CL2 LBS	F/W 1000 GAL/ DAY
	PUMPAGE	LBS	LBS	LBS	LBS	LBS	
JAN	612909	7237	154400	15124	1634	3720	19771
FEB	564652	6502	120100	14151	1547	3353	20166
MAR	630959	6898	138000	15821	1742	3980	20354
APR	598023	7137	122000	14989	1624	3782	19934
MAY	611999	7730	105200	15865	1940	4054	19742
JUN	574667	7087	80500	15130	2765	3941	19156
JUL	578946	7976	89800	15325	3128	3945	18676
AUG	571295	8286	94000	14598	3078	3613	18429
SEP	538480	7632	105000	12732	2874	3402	17949
OCT	547506	7040	89400	12819	2937	3378	17661
NOV	535,706	5857	78900	12717	2896	3401	17857
DEC	587386	6100	99400	14298	3101	3716	18948
TOTAL	6952528	85482	1276700	173569	29266	44285	228643

Chart Comparing Daily Finished Water Flows, 2023 Versus Past Years





2024 ANALYTICAL RESULTS

	RAW TURB NTU	RAW pH	PRE Cl2 RES.mg/l	POST Cl2 RES.mg/l	EFF TURB NTU	EFF pH	F. RES mg/l
JAN	9.0	8.0	0.55	1.25	0.034	7.6	0.69
FEB	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							
MAY							
JUN							
JUL							
AUG							
SEP							
OCT							
NOV							
DEC							
AVG	7.3	8.1	0.55	1.24	0.033	7.6	0.68

Operations and Maintenance Highlights

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

The Emergency Backup Generator project is underway, with upgrades to engine, switchgear, and transfer switch controls to give us greatly improved control and functionality of the system. 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 summarizes larger projects/needs and is subject to change based on evolving plant conditions.

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

1. PACL System Upgrades **Medium**

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

- C. Hotchkiss worked on SCADA control 12/2023, not yet complete.
- **This may be a task added to the Nussbaumer & Clarke scope of work pursuant to the recently awarded RFP.**

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

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

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

3. Waste Treatment Facilities **High**

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

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

4. Interior lighting **Medium**

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

- Emergency lighting has been mapped and non-functional lights are being repaired.
- **Scaffolding has been installed in low-lift area to facilitate access to the lights in that area. Parts are to be ordered and the lights will be replaced. This project will take some time because the entire scaffold system must be disassembled and moved for access to each fixture.**



5. Emergency Backup Generators **High**

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

- Milton CAT and Ferguson contracted to make required repairs to transfer gear and generator controls. **Milton CAT on site 3/11, work continuing.**
- Some motors for louvres used when generator is operating repaired or replaced with unused louvre motors from another location. Several louvres in generator room still need repair.

6. Backflow Preventers **High**

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

- Danforth inspected in 2023, some backflow devices could not be tested without losing chlorine capabilities.
- 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.

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

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

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

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

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

- a. Adding a booster pump to the raw water chlorine feed will help prevent loss of chlorine feed during a low pressure scenario and also will provide backup to chlorine dosage during backflow testing/repairs.
 - This portion of the work is complete.
- b. Many original PVC lines, regulators, chlorinators, etc. potentially vulnerable due to age and environmental conditions.
 - Two out of six regulators replaced, R. Rowe to obtain quote for four remaining.
 - Operations and maintenance will continue to visually inspect piping and asses need for any replacements.
- c. Chlorine Scrubber near end of service life and requires replacement.
 - CPL is preparing RFP for replacement with dry media scrubber.
 - **Scrubber is ordered and work will begin soon 04/2024**

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

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

- Plastic portions of settling plates have been flaking off, and a large sheet of material detached from a plate in 8/2023. Conversation regarding plan to address has been



commenced with Dir. Tech. & Reg. Svcs., issue has been discussed with Acting Executive Director.

11. Roofing Repair/Replacement: High

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

12. Master Key for Building: Medium

Some doors have been repaired or installed which do not match the master key, creating issues for access in the event of emergency. Key control is a security concern.

- Fire Department visited 2/15/24, electronic door keys added to KNOX box.
- Still need to resolve master key issue.

13. Louvres in Basin, High Lift, and Filter Areas: Low

Some louvres in the generator room have been repaired, but multiple louvres in these areas still are not operating properly.

14. Barbed Wire Repair – Front Fence: Medium

Back fence replaced, front barbed wire still in need of repair.

15. PLC Processing Errors: High

To be addressed as part of the scope of work awarded to Nussbaumer & Clarke after recent RFP.

16. Parking Lot: Medium

Patching, crack filling, sealing needed. Surface of west lot is in poor condition

17. Filter # 1 Broken Wash Water Trough: High

19. Automatic Switchover Valve for Chlorine Feed System: High

Currently functioning, but due for replacement. Ties in with item #9.

20. Backwash Pump #1 Check Valve: High

Sticking open, causing potential backflow issues and slamming of the valve.

- New valve has been ordered, PO created, 04/27/2023, expected delivery was 10/2023.
- Valve replacement complete, with one small water leak created and will be addressed.

21. Lucity Issues: Low

Operators having difficulty creating work orders. Much progress has been made to resolve these issues, training needed for operators, IT is working on this.

22. Low Lift #2 Check Valve Flange: Medium

Leaking.

23. Low Lift #3 and #5 Intermittent Loss of SCADA Control for Actuator: Medium

#5 actuator repaired and installed, pump is in service. Actuator for #3 has been sent out for service.

24. Security Camera Issues: Medium

Camera feed in Operations Control Room malfunctions frequently since feed was split to supply monitor in HR office. Multiple cameras currently are non-functional. Newly installed cameras are internet or cloud based with limited access in Control Room. Operations relies on IT to ensure security of this technology from malicious actors.

Operators report that there sometimes is a delay in the video feed, impacting their ability to verify the identity of persons requesting to come through the gate.



25. Weed Control: **Low**

Substantial work was done in 2023, but there remain some overgrown areas around freeze-thaw beds and additional efforts around site to maintain trees and cut back brush will be needed in 2024.

26. WTP Doorbell: **Low**

Connected to PA system issue, doorbell no longer alerts through plant/operators who are making rounds. IT is working on issue.

PA system is working intermittently. Gate "doorbell" only rings to a phone at Operations Control Room desk; it is not heard if the Operator is performing tasks outside the Control Room.

Wastewater – Dennis Kirkland, Acting Chief Operator- updated 4/5/24

March 2024

Sampling Notes: None

Project #1 (Sedimentation Basins and Screening) Sed Basin #2 is under construction by HOHL. Construction is at a standstill due to the season/weather but will resume beginning of April. 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 at the moment 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, though 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 transformer outside of Maintenance is installed and powered up.

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&M manuals were sent to NFWB electronically, but we do not have a hard copy.

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

Project #10 (Motion AI – Overall Controls) Motion AI is working on some of the controls that will be added to the BFP and incorporating them. Capabilities will be added to the HMI (Human Machine Interfaces) screens at each of the three belt filter presses. Motion AI would be involved in the HOA switch on each Gorge Pump along with other small upgrades to the GPS and NFWB system. Motion AI has hooked up the level sensor in the scum building for project one and incorporated it into SCADA. There still are some



more SCADA incorporations with project one and the sedimentation basins that will need to be done, but with actual construction still underway, some of Motion AI's work will need to await completion of construction phases.

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

WWTP Operations Data:

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)		(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												0		
May												0		
June												0		
July												0		
August												0		
September												0		
October												0		
November												0		
December												0		
Totals	25.30	39.40	12.20	1.3	3.1	3257.0	1001.0	4462.0	6423.0	53890	95.3	0	518560	78.9

Explanation of data abbreviations:

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

2023 Data for Comparison Purposes

WASTEWATER TREATMENT PLANT OPERATING DATA														
2023	FLOWS			Chlorine	Rainfall	SLUDGE		Polymer		FeCl3	LIME	H2O2	NaOCl	Grit
	EFF	CBE	GPS	Residual		NET	LANDFILL	BFP	PRIM					
MONTH	MGD	MGD	MGD	PPM	inches	(Tons)	(Tons)	(Lbs)		(gals.)	(Tons)	(gals.)	(gals.)	(Tons)
January	29.84	46.43	14.12	1.7	0.7	1360.0	365.0	1029.0	2389.0	19690	39.7	0	198850	31.9
February	24.78	42.82	13.82	1.6	1.0	1092.0	319.0	575.0	2139.0	16920	23.3	0	175760	26.8
March	33.05	48.46	15.03	1.5	1.6	1487.0	401.0	1408.0	2475.0	22820	46.5	0	242440	34.1
April	28.34	42.67	13.48	1.5	2.7	1378.0	386.0	1317.0	2235.0	21090	51.3	0	139155	17.4
May	20.74	33.68	11.71	1.6	0.5	1476.0	373.0	2098.0	2059.0	18180	47.8	0	126660	4.6
June	19.81	31.45	11.43	1.6	1.5	1351.0	372.0	1664.0	2012.0	18860	49.2	0	103180	19.2
July	23.41	36.91	12.55	1.4	3.4	1313.0	344.0	1943.0	2192.0	19240	54.7	0	153350	16.3
August	22.31	35.92	12.24	1.5	2.0	1383.0	367.0	1378.0	1859.0	17780	36.5	0	159490	14.0
September	19.43	30.39	10.92	1.3	1.4	689.0	203.0	1247.0	2034.0	14460	37.2	0	250120	10.9
October	20.18	30.50	11.03	1.3	1.2	759.0	226.0	1432.0	2143.0	15850	37.4	0	188250	11.6
November	19.98	30.65	10.83	1.6	1.1	1029.0	292.0	1467.0	2201.0	15640	38.1	0	172040	12.0
December	27.08	39.77	12.82	1.5	1.7	996.0	309.0	1476.0	2312.0	18590	38.7	0	156270	13.2
Totals	24.08	37.47	12.50	1.5	18.7	14313.0	3957.0	17034.0	26050.0	219120	500.4	0	2065565	212.0



2.1. Sewer Collection & Water Distribution Cortez Bradberry, updated 4/11/2024

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										
May										
June										
July										
August										
September										
October										
November										
December										
Totals	363	32599	1665	162	218.8	17	11	4	17	0

Water Distribution 2 HYDRANTS OUT OF SERVICE DUE TO CONTRACTOR ON MILITARY RD																
2024	Main Break	Svc. Leaks	Curb Box Reset	Valve Repaired	Valve Replaced	Hydrant Replaced	Hydrant Repaired	Hydrant Flow	Hydrant Flush-Winterized	Hydrant Leaks	Hydrants out of Svc.	Misc. Svc. Calls	Concrete	Landscape	UFPO	
January	9	6	9	0	0	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																
May																
June																
July																
August																
September																
October																
November																
December																
Totals	19	18	32	2	1	36	5	0	800	0	2	363	7	0	1665	



Distribution Notes:

Two hydrants were out of service due to the reconstruction of N. Military Rd. by a private contractor. NFFD was advised and given hydrant recommendations should there be a fire in the area. **As of April 11, both hydrants now are back in service.**

3. Analytical Services

3.1 Water Laboratory – Jordan Boyd, updated 4/8/2024

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

- Monthly collection for the Distribution System was conducted in March. 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 March. All samples were in compliance.

2. In-house/DEC Monitoring

- All in-house monitoring for process water bacteriology and chemistry was within normal limits for March.
- 1 community complaint was sampled in March. No water main breaks were sampled.
- The monthly SPDES sample collected from the freeze thaw beds was within normal limits for March. Chloroform and Dichlorobromomethane were sampled in March according to the new SPDES permit established in 2023.
- Replacement Type 1 water purification system was ordered to replace defective unit. The new unit was received in March and was installed.
- Samples analyzed for 2024: 2371.

3. Laboratory Contract Analysis

- The Chemistry Laboratory analyzed 8 samples for Total Organic Carbon and 9 Wet Chemistry Samples for City of Lockport and Town of Tonawanda, and 3 Wet Chemistry samples from the Village of Lewiston.
- The Microbiology lab analyzed 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.
- Revenue created for 2024 was \$1,756.50



3.2 Wastewater Laboratory – Jillian O’Connor 4/8/2024

1. The data for March’s State Pollutant Discharge Elimination System (SPDES) report is currently being compiled.
2. Weekly samples collected and sent out to University at Buffalo for New York State analysis of Covid-19 in the wastewater.
3. Industrial samples were processed and sent to a contract lab (Test America) for Total Organic Carbon and Total Phosphorus testing for billing purposes.



Customers & Compliance

4.1. Meter Shop – Bob Reid Updated 4/9/24

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						
MAY						
JUNE						
JULY						
AUGUST						
SEPTEMBER						
OCTOBER						
NOVEMBER						
DECEMBER						
TOTAL	242	4	29	33	556	17794

METER READINGS:

DISTRICT 1	B.REID	M.SCHEBELL	L.Renford	J.PAUL	F.DERUBEIS	TOTAL
3/4/24	1699			1464		3163
3/5/24	1121			1073		2194
3/6/24					29	29
TOTAL	2820			2537	29	5386
4/1/24						
INDUSTRIALS	261			295		556
TOTAL	3081			2832	29	5942

Shop read 5386 Residential Meters, also obtained 556 Industrial reads.



4.2 Industrial Pretreatment - Monitoring / Enforcement – Joel Paradise updated 04/04/2024

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.



4. Industrial Pretreatment - Monitoring / Enforcement cont. – Joel Paradise updated 04/04/2024

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.
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. The first quarter 2024 SIU Quarterly reports due February 29th, have been received.
9. On Tuesday, March 5th, 2024, the required quarterly collection system BHC samples for the first quarter were collected. As in prior BHC sampling events, the samples were delivered to the Lab to be sent out for analysis.
10. The 1st quarter 2024 SIU Self-monitoring Reports were logged in, checked for discharge permit compliance and delivered to Brian Majchrowicz.

5. Safety – John Accardo, Updated 4/11/2024

1. Dec. 13th CPR/AED, proper use of Fire Extinguisher
2. Dec. 18th Reasonable Suspicion training with WNYCOSH.
3. Dec 5th, NYS Mandatory Workplace Violence Training by WNYCOSH.
4. Dec. 6th Active Shooter Training was provided by NC Sheriffs Dept.
5. Biweekly Safety Committee meetings
6. March Employee Training Hand Tools and Power Saws
7. April Workplace Exposures to Outdoor Hazards
8. Forklift Certification Training
9. Fleet Inventory



6. Technical Services – Doug Williamson, updated 4/5/2024

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 March, 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 meeting was held on March 14th. Status of Work and Closeout Requirements Letter sent to Arcadis on March 15th. Engineering services agreement was awarded to Nussbaumer & Clarke on March 25th.

Project 5 Electrical System Improvements – Power center 2 work completed. 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. The RFP for design, bidding and construction administration services has been under review and put on hold temporarily.

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

In March, 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.

2023 LaSalle SSO and PCBMP Annual Reports were submitted to the NYSDEC on March 29th.

CSO Post Construction Compliance Monitoring Report for 2024 was submitted to the NYSDEC on March 12th.



The WWTP SPDES Annual Flow Certification for 2023 was submitted to the NYSDEC on March 22nd.

Quarterly POTW advertisement was published in the Niagara Gazette on March 29th, 2024.

The WWTP NetDMR was approved on March 21st for February 2024. There was a violation for the alpha BHC limit for the month of February 2024. A report of non-compliance event was provided to the NYSDEC.

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

The 2024 Spring Town of Niagara flow monitoring has begun for the period of 3/11/24 (flow meter installs) to 4/8/24 (flow meter removals).

We are looking into renegotiating the Agreement in early 2024.

5. **Stormwater Management**

Continued to address ongoing stormwater management concerns. WNYSC meeting was not held in March. Attended the WNYSC Stormwater Conference on March 26th.

6. **Engineering Support**

In March, 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.

Prepared lift station no.4 roof autoCAD drawing on March 1st.

Attended EFC water grants webinar on March 4th.

Attended Greater Buffalo Environmental Conference on March 5th.

We received a proposal from JM Davidson on March 18th for engineering work related to the sedimentation basin walkway concrete repairs.

7. **Capital Improvement Projects:**

In March, 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.

NFWB Capital Projects Engineering Services agreements were awarded to AECOM, LaBella Associates and Nussbaumer & Clarke at the March 25th Board meeting.



Water Projects

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

The 77th Street Water Main Improvement project was advertised for bids on April 1st.

Sewer Projects

We plan to start the recommended Phase 1 SSES improvements in the Spring.

WTP Projects

In March, we continued to address the WTP Chlorine Scrubber Replacement project and construction of the new Environmental Lab.

WWTP Projects (additional)

WWTP Sodium Hypochlorite Tank Replacement

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

2024 OXIDIZER BUDGET

BUDGET = \$9,000,000.00 for year

COST = \$878,737.72 to date

% USED = 9.76% to date

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

COST = \$9,656.46 per day avg. \$292,912.57 per month avg.

28.5 Flow (MGD) 91 total days



WWTP DATA		OXIDIZER USAGE				SLUDGE REMOVAL			
MONTH	FLOW (MG)	H2O2 (GAL)	NaOCl (GAL)	GAL PER MG FLOW	TOTAL ESTIMATED COST	LANDFILL SLUDGE (TONS)	SOLIDS TONS PER MG	FERRIC CHLORIDE (GAL)	LIME (TONS)
Jan-2024	924.9	0	163,680	177	\$258,941.76	360.0	0.39	19,860.0	40.7
Feb-2024	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									
May-2024									
Jun-2024									
Jul-2024									
Aug-2024									
Sep-2024									
Oct-2024									
Nov-2024									
Dec-2024									
TOTALS	2,594.2	0	555,460	215	\$878,737.72	1,036.0	0.40	58,560.0	121.3

Low value for year

High value for year



2023 Oxidizer Figures for Comparison:

2023 OXIDIZER BUDGET

BUDGET = \$9,000,000.00 for year

COST = \$4,945,863.09 to date

% USED = 54.95% to date

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

COST = \$13,550.31 per day avg. \$412,155.26 per month avg.

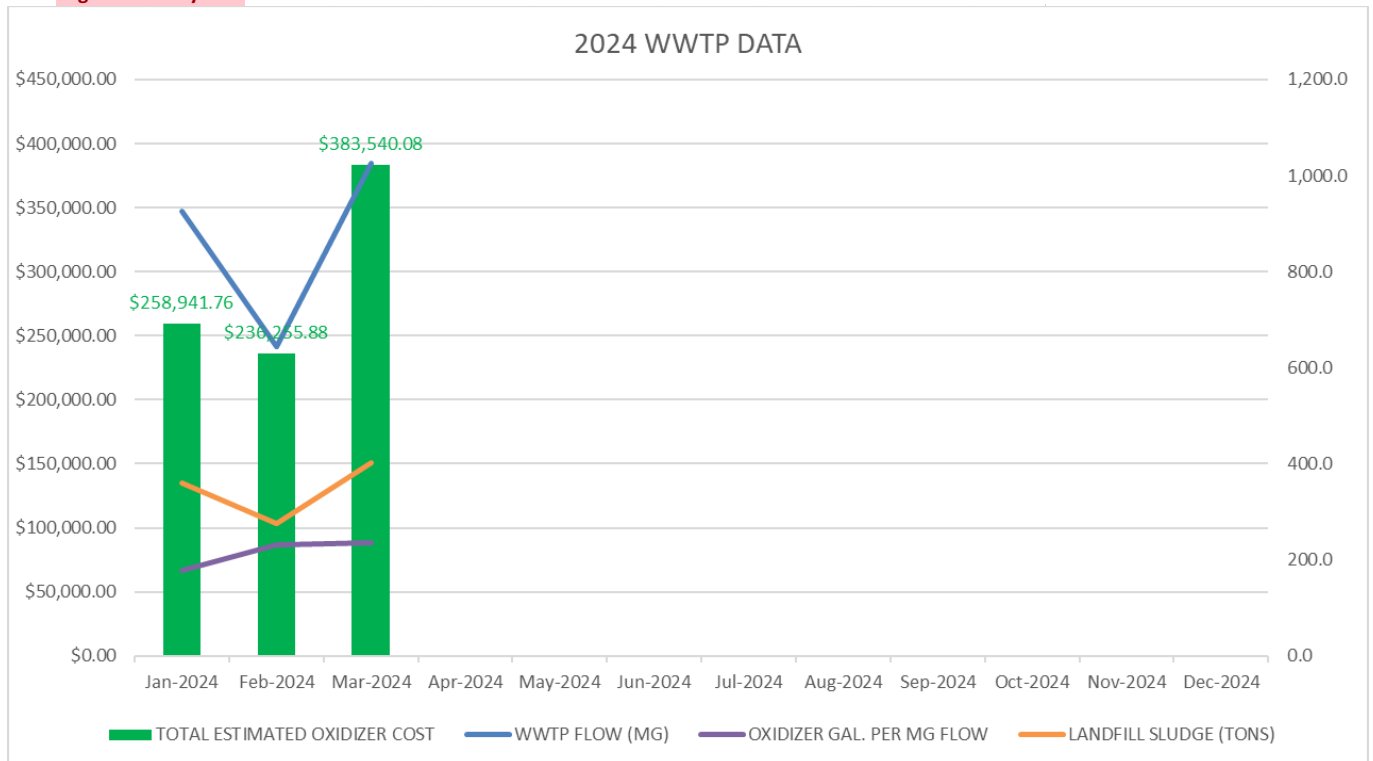
24.1 Flow (MGD) 365 total days

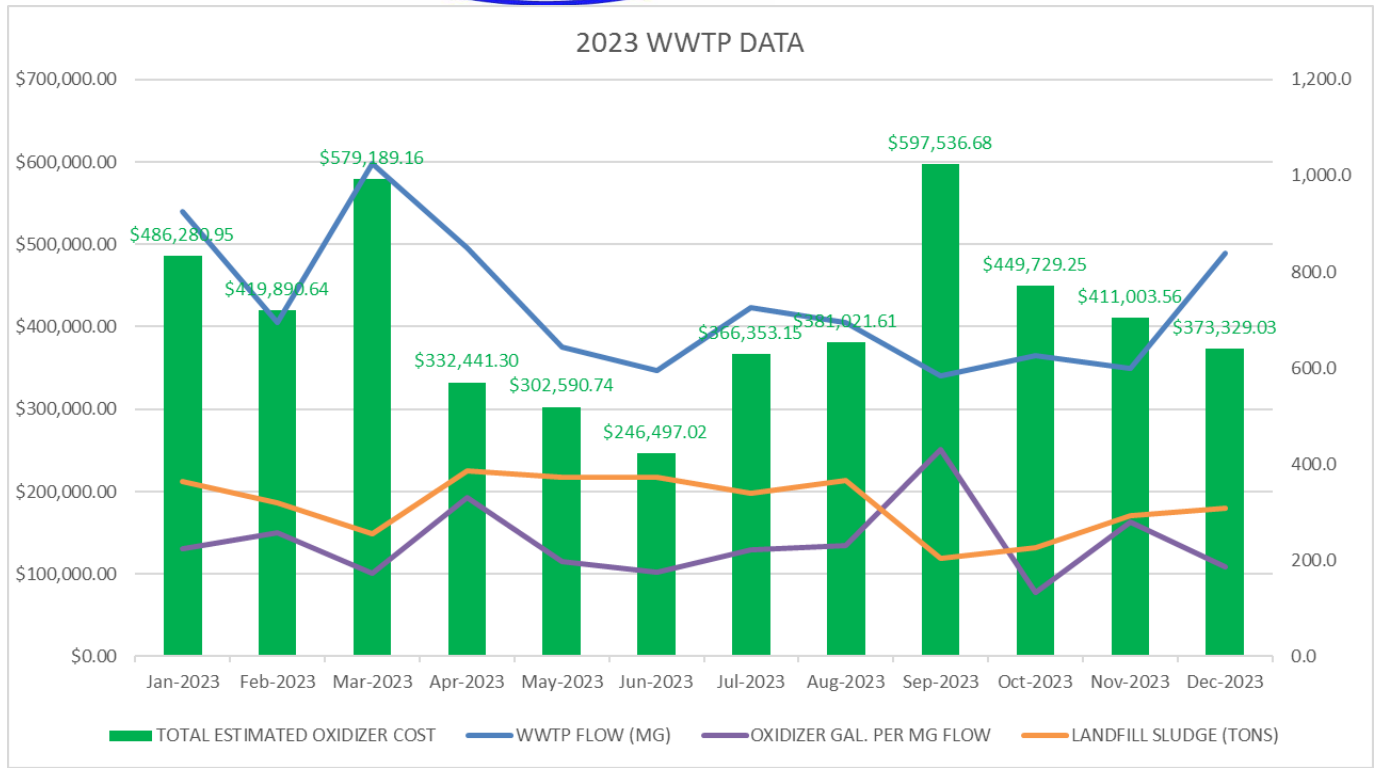


WWTP DATA		OXIDIZER USAGE				SLUDGE REMOVAL			
MONTH	FLOW (MG)	H2O2 (GAL)	NaOCl (GAL)	GAL PER MG FLOW	TOTAL ESTIMATED COST	LANDFILL SLUDGE (TONS)	SOLIDS THROUGH PUT (%)	FERRIC CHLORIDE (TONS)	LIME (TONS)
Jan-2023	924.9	0	203,550	223	\$486,280.95	364.8	136.7	36.9	39.7
Feb-2023	693.8	0	175,760	258	\$419,890.64	319.5	181.2	31.7	23.3
Mar-2023	1,024.5	0	242,440	172	\$579,189.16	255.7	77.1	42.8	44.8
Apr-2023	850.2	0	139,155	330	\$332,441.30	385.6	111.0	39.5	51.3
May-2023	643.0	0	126,660	198	\$302,590.74	372.6	120.4	34.1	47.8
Jun-2023	594.4	0	103,180	175	\$246,497.02	372.1	154.4	35.4	49.2
Jul-2023	725.6	0	153,350	223	\$366,353.15	338.7	100.8	35.9	54.7
Aug-2023	694.0	0	159,490	230	\$381,021.61	366.9	144.1	33.3	36.5
Sep-2023	582.8	0	250,120	430	\$597,536.68	203.2	122.4	27.1	37.2
Oct-2023	626.5	0	188,250	133	\$449,729.25	226.2	123.0	29.7	37.4
Nov-2023	599.5	0	172,040	279	\$411,003.56	292.0	176.5	29.3	38.1
Dec-2023	839.6	0	156,270	186	\$373,329.03	309.0	133.0	40.5	38.7
TOTALS	8,798.9	0	2,070,265	237	\$4,945,863.09	3,806.2	133.6	416.3	498.6

Low value for year

High value for year





7. SECURITY REPORT— John Accardo 4/18/2024

- 1. No WWTP security incidents were reported in March.

8. INFORMATION TECHNOLOGY (I.T.) 4/18/2024 – 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)

WTP – Completed Verkada training for control access & alarms. Deployed new cameras in Gorge and set alerts for after hours. Installed new camera for WTP front parking lot. We will need to develop a plan and schedule to trench for direct-bury ethernet and fiber cables to the gate and required procurements. Looking into Access card for gorge elevator.

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

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

NFWB – Started Darktrace subscription for 1year for monitoring MS365 and domain.

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

NFWB – Encountered issues during testing prior to deploying print management software, “printer logic.” 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 – WTP lab technology has been successfully migrated for WWTP lab. Working on plan to replace or upgrade computers.



9. OPERATIONS EXECUTIVE - Updated 4/11/2024 – Dave Conti

- Nussbaumer and Clark will proceed with plans for additional work to belt filter presses on Project #3.
- The Lucity 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.
- Carbon regeneration tank will be converted to a virgin carbon tank.
- Relocation/renovation of lab services to WTP is complete.
- Intermediate Pump #1 motor has been serviced and returned to WWTP. The butterfly valve for this repair is due to be delivered in May. The rotating element removed during the repair is ready to be shipped for evaluation and repair to be used in the rebuild of Intermediate Pump #2.

NIAGARA FALLS WATER BOARD RESOLUTION # 2024-04-001

PROCUREMENT OF MANHOLE FRAMES AND LIDS

WHEREAS, the Niagara Falls Water Board (“Water Board”) performs routine maintenance and repairs on its sewer collection system, which includes thousands of manholes; and

WHEREAS, the Water Board maintains an inventory of manhole frames and lids so that these are available when needed, which enables faster and more efficient repairs; and

WHEREAS, the inventory of manhole frames and covers is depleted; and

WHEREAS, Neenah Enterprises, Inc., previously was awarded the bid to supply the manhole frames and lids that are the subject of this resolution pursuant to Resolution 2023-09-004 (Bid No. W2023-01);

NOW THEREFORE BE IT

RESOLVED, that the Niagara Falls Water Board authorizes the procurement of the from Neenah Enterprises, Inc., of 50 manhole frames (bid item No. 169) and 50 manhole lids (bid item No. 170), for a total of \$17,050.

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:
CIP Item No. W-30, Water Infrastructure Project, Misc.
Available Funds Confirmed by: B. Majchrowicz

On April 22, 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

QUOTATION

Q00154694



**NIAGARA FALLS WATER BOARD
WATER TREATMENT PLNT 5815 BUFFALO
AVENUE
NIAGARA FALLS, New York 14304
United States**

693 Millers Run Rd
Cuddy, Pennsylvania 15031

PHONE: | FAX:
lesa.courchaine@groupnei.com

Attn: Bill Wright
Phone: (716) 299-7777
Mobile Phone: (716) 534-4412
Email: bwright@nfwb.org

Date: Apr 11, 2024
Job Name:
Job Location:
Expiration Date: Apr 18, 2024
Bid Date:

We are pleased to submit the following quotation in accordance with your request.

Line	Quantity	Catalog	Description	Sales Price	Total Price
1	50 EA	1554	FRAME--TYPE-A--MACHINED SEAT--GI CLASS 35B--AA 24-1/4, BB 1-3/8	\$183.00	\$9,150.00
2	50 EA	1555	SOLID PLATEN LD--TYPE-C--MACHINED SEAT--GI CLASS 35B--24 X 1-3/8	\$158.00	\$7,900.00
<p>Quotation Comments: Current lead time 5-6 weeks Delivered Pricing</p>					
<p>TOTAL ESTIMATED WEIGHT: 13,100 lbs (Excluding Skids)</p>				<p>TOTAL QUOTATION VALUE: <u>\$17,050.00</u> (Excluding Shipping & Handling)</p>	

TERMS & CONDITIONS

Neenah Foundry Terms & Conditions apply and are available upon request. Castings furnished unpainted. Quantities are approximate, changes could alter unit prices. Estimated Shipping & Handling based on above quantities shipping in one complete shipment. Any order submitted pursuant to this quotation shall not result in a contract until it is accepted and acknowledged in writing by Neenah Foundry Company (SELLER).

Notwithstanding any contrary provision in the incorporated Terms and Conditions, this quote shall expire after 7 days from the date of issuance. All orders are subject to review of buyer's credit status. Standard terms for qualified customers are Net 30 Days. Prices do not include tax. If tax exempt, please provide a sales tax exemption certificate at time of order or any applicable tax will be charged.

<https://groupnei.com/wp-content/uploads/2022/11/Terms-and-Conditions-of-Sale-rev.-202210.pdf>

FOB Origin Pre-pay & Add

NEENAH FOUNDRY COMPANY
BY _____
Lesa Courchaine
Infrastructure Technical Sales

QUOTATION
Q00154694



NIAGARA FALLS WATER BOARD RESOLUTION # 2024-04-002

**EXTENSION OF AGREEMENT FOR
AECOM ONSITE ENVIRONMENTAL MONITOR SERVICES**

WHEREAS, pursuant to the terms of Order on Consent R9-20170906-129 with the NYSDEC, the Niagara Falls Water Board agreed to retain the services of an onsite environmental monitor (“OEM”); and

WHEREAS, the NYSDEC has approved John Goeddertz, Ph.D., as the OEM, and he performs those services while an employee of AECOM and with the occasional assistance of certain AECOM staff; and

WHEREAS, Dr. Goeddertz and AECOM perform services that include oversight, review, and suggestions for operations and maintenance, review of treatment performance, regulatory issues, and capital improvement projects, and prepare quarterly reports as required by NYSDEC; and

WHEREAS, the OEM’s services have helped to improve the operations and maintenance status of the WWTP; and

WHEREAS, the funds previously approved for OEM services have been exhausted; and

WHEREAS, AECOM has presented a proposal dated April 10, 2024 to continue to provide the OEM services required pursuant to the Order on Consent for June 2024 through December 2024 and thereafter until the funds approved by this Resolution are exhausted or the need for an OEM ends for a fee billed on a time-and-material basis and not to exceed \$158,200; and

WHEREAS, pursuant to Water Board Procurement Policy Section 5.8.4, this extension of a professional services agreement (1) was not the subject of an RFP because it is a continuation of ongoing professional services which are required to be performed by applicable Order on Consent; (2) no other firms informally were solicited for proposals because John Goeddertz, Ph.D., is the NYSDEC approved OEM; and (3) the procurement is not being postponed to permit an RFP as only one firm is able to provide these OEM services at this time;

* CONTINUED ON NEXT PAGE *

NOW THEREFORE BE IT

RESOLVED, that the Niagara Falls Water Board hereby authorizes its Chairperson to execute a consulting services agreement with AECOM USA, Inc., for Onsite Environmental Monitor services by John Goeddertz, Ph.D., pursuant to Order on Consent R9-20170906-129, for the period of at least June 2024 through December 2024 and thereafter until the funds authorized by this Resolution are exhausted, to be billed on a on a time-and-material basis and for a total fee not to exceed \$158,200.

Water Board Personnel Responsible for Implementation of this Resolution:

Executive Director
General Counsel

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

Capital Item C-5 Combined Projects-Miscellaneous
Capital Item Supplied by: B. Majchrowicz

On April 18, 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 10, 2024

Mr. Michael S. Eagler
Acting Executive Director
Niagara Falls Water Board
5815 Buffalo Avenue
Niagara Falls, NY 14304

Subject: Proposal for 2024 Onsite Environmental Monitor

Dear Mr. Eagler:

AECOM USA, Inc. (AECOM) is pleased to provide the Niagara Falls Water Board (NFWB) with this proposal for the continuation of Onsite Environmental Monitoring (OEM) services at the wastewater treatment plant (WWTP) for 2024. These services are currently being provided by AECOM, specifically John Goeddertz, Ph.D., per the direction of the New York State Department of Environmental Conservation (NYSDEC) under our original Consulting Services Agreement dated January 23, 2019. This project was continued at the end of 2022 to provide these services through 2023 with a new Agreement.

PROJECT UNDERSTANDING

AECOM has been providing OEM services for the NFWB WWTP since 2019. In general, these services have provided oversight, review, and suggestions for the operation and maintenance (O&M) of the WWTP. Furthermore, these services include the participation in routine (weekly) O&M meetings to review the status of the WWTP ranging from treatment performance, analytical testing, regulatory compliance, unit process maintenance, impacts to the facility (i.e., weather events, specific industrial users, etc.), quarterly regulatory summary reports, and facility capital improvement projects.

While serving as the designated OEM for the NFWB WWTP, AECOM has worked hand-in-hand with the NFWB WWTP representatives to improve the WWTP O&M processes with open lines of communication, prompt responses as challenges occur, and consistency. Currently, AECOM is providing these OEM services under a contract that was executed at the end of 2022 to provide services from January through December 2023. The available budget remaining on this project has extended these services into 2024 with an estimated June 2024 completion (i.e., consumption of remaining budget). This proposal provides scope and budget to continue these services through the end of 2024 and assumes that the remaining funds in the current project will continue to be used for this same purpose.

SCOPE OF SERVICES

Services associated with this project will include the following work items at the WWTP:

1. Observation of day-to-day operation, maintenance, and planning activities while onsite,
2. Monitoring of plant performance,
3. Assistance with troubleshooting and evaluation of systems and equipment as the need arises,
4. Provide engineering assistance as needed including process troubleshooting, capital improvement planning, equipment specification, etc.,
5. Attendance at routine operations and maintenance meetings. These meetings are assumed to occur concurrent with AECOM's planned onsite activities as further defined under Assumptions,
6. Onsite Environmental Monitor reporting to the NYSDEC per the Consent Order requirements.

PROJECT STAFFING

Personnel anticipated to work on this project are listed below:

- John Goeddertz, Ph.D. Sr. Engineer
- Jeff Tudini, Project Manager
- Anupama Mohanlal, Project Engineer
- Dan Casper/Courtney Pelle, Staff Engineers

Dr. Goeddertz will remain as the designated AECOM representative to conduct the tasks listed above and see that the project is properly executed and addresses the NFWB's needs and requirements. Jeff Tudini will support John, as needed, and serve as the point of contact for contract and management aspects of this project. If needed, project engineers will assist Dr. Goeddertz with appropriate tasks at a lower hourly cost.

FEES and RATES

This effort will occur for approximately 7-months starting in June to continue services through 2024 (June through December 2024). AECOM proposes to perform the services on a time and materials not-to-exceed basis with a recommended budget of \$158,200. Current direct labor rates for the proposed personnel follows:

Personnel	Title	Rate
John Goeddertz	Senior Engineer	\$92
Jeff Tudini	Project Manager	\$66
Anupama Mohanlal	Project Engineer	\$45
Dan Casper / Courtney Pelle	Staff Engineer	\$31
Tamie Moeller	Project Controls	\$45

Project charges will be billed as follows:

- Labor – Direct salary times a 2.74 labor multiplier.
- Other Direct Costs: Cost plus 5% (includes mileage at the IRS rate, blueprints, photocopying, etc.)

- Subcontractors: Cost plus 5%.

Personnel not listed above may be used depending upon their expertise and availability. Personnel not listed will be billed at their rates at the time the work is completed. All project billings will identify the individual working on the project, their title, billing rate, and hours worked listed by week ending date. Rates are subject to change during the period of performance. Other direct costs including travel, subsistence, copies, shipping, etc. will be billed at cost plus 5 percent. In the event the funds are insufficient, AECOM will notify the NFWB and request additional funding.

ASSUMPTIONS

In preparing this proposal we have assumed the following

1. Detailed design (i.e., preparation of contract documents suitable for competitive bidding) is NOT included in AECOM's scope of services. However, assistance with scoping and equipment selection for activities undertaken by maintenance staff or IDIQ contractors (i.e., Mollenberg-Betz and Ferguson) will be included as we have done with a number of other in-house upgrades as the budget allows. For portions of this work that require a detailed design to be prepared by others and as budget allows, AECOM will contribute and assist as necessary to check that activities are consistent with the NFWB long-term operation of the WWTP.
2. Onsite OEM level of effort is estimated to include approximately 3-days/week and 4-hours/day (i.e., 12-hours/week). This level of effort may vary week-to-week depending on WWTP conditions and needs. In addition, engineering assistance with capital improvement planning, equipment specification, etc. is estimated to include a level of effort of approximately 8-hours/week.
3. No subcontractor services are anticipated under this project.
4. AECOM will not be responsible for the preparation of extensive written documents other than the quarterly progress reports.
5. Suggestions, recommendations, guidance, or strategies provided by AECOM represent its reasonable judgment within the time and budget context of its scope and the information available to it at the time. It is NFWB's responsibility to or not to adopt, use or comply with any suggestion, recommendation, guidance, or strategy provided by AECOM. NFWB is solely responsible for the outcome of its decision to or not to adopt, use, or comply with any suggestion, recommendation, guidance, or strategy provided by AECOM.
6. This proposal provides scope and budget to continue the Environmental Monitoring services through the end of 2024 and the remaining funds in the current project will continue to be used for this same purpose.

AECOM is committed to support the NFWB in addressing this important service. This proposal is conditioned upon using our Consulting Services Agreement (attached) that has been used for the current OEM Services and other similar projects with the NFWB. A change order form associated with the 2022 agreement is included with this proposal. Please contact Jeff Tudini at

716-868-4306 or jeffrey.tudini@aecom.com. If you have any questions or need additional information. Thank you for your consideration.

Sincerely yours,
AECOM USA, Inc.

Handwritten signature of Jeff Tudini in black ink.

Jeff Tudini
Project Manager

Handwritten signature of Douglas Gove Jr. in blue ink.

Douglas Gove Jr.
Vice President

ATTACHMENTS:

AECOM Consulting Services Agreement
Change Order Form
MWBE/SDVOB Letter

**ENGINEERING SERVICES FOR
WWTP SEDIMENTATION BASIN CATWALK CONCRETE REPAIRS**

WHEREAS, the Niagara Falls Water Board (“Water Board”) has an ongoing project that includes upgrades in sedimentation basins (“Project 1”), required pursuant to Order on Consent R9-20170906-129 with the New York State Department of Environmental Conservation; and

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

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

WHEREAS, the Water Board received a quote from the Project 1 General Contractor to perform concrete repairs on the catwalk of sedimentation basin No. 2 as a change order, but given the substantial cost of the proposed work the Board of Directors instructed Water Board staff to solicit additional bids for the work on basin No. 2 as well as the other basins; and

WHEREAS, to properly solicit bids for the concrete repair work will require an engineering assessment and design documents, and the Water Board has received a quotation dated March 18, 2024 from JM Davidson Engineering, D.P.C., a NYS Certified Women Business Enterprise and Disadvantaged Business Enterprise; and

WHEREAS, JM Davidson has proposed to perform the necessary engineering services for total fee not to exceed \$35,835, to be billed on a time-and-material basis; and

WHEREAS, Water Board staff will seek to include the cost of this work with its other Project 1 costs in order to seek grant reimbursement for a portion of the cost pursuant to SAM Grant Project ID #15688;

* CONTINUED ON NEXT PAGE *

NOW THEREFORE BE IT

RESOLVED, that on behalf of the Niagara Falls Water Board, its Executive Director hereby is authorized to accept the March 18, 2024 proposal by JM Davidson Engineering, D.P.C., to perform engineering services related to wastewater treatment plant sedimentation basin concrete catwalk repairs, for a total fee not to exceed \$35,835.

Water Board Personnel Responsible for Implementation of this Resolution:
Executive Director
Director of Technical and Regulatory Services

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

On April 22, 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

March 18, 2024

Douglas S. Williamson, P.E.
Director of Technical & Regulatory Services
Niagara Falls Water Board
5815 Buffalo Avenue
Niagara Falls, NY 14304

**SUBJECT: SCOPE AND COST PROPOSAL
 NIAGARA FALLS WATER BOARD (NFWB)
 WASTEWATER TREATMENT PLANT
 SEDIMENTATION BASINS – WALKWAY CONCRETE REPAIRS**

Dear Mr. Williamson,

JM Davidson Engineering, D.P.C. (JMD) appreciates the opportunity to submit the following scope and cost proposal for the above referenced project. JMD is a licensed design professional corporation and has been certified as both a Women Business Enterprise (WBE) and Disadvantaged Business Enterprise (DBE) in New York State.

SCOPE OF WORK

JMD will assist the NFWB with the inspection, repair options, and preparation of plan sheets and specifications specific to the recommended repair of the concrete access bridges over the flocculation tanks upstream of the sedimentation basins. The project proposes to remove the existing steel motor mounting plates and infill the holes at the 45 locations above the flocculation tanks. The scope of services and basis of contract shall be as follows, including the assumptions made in developing the scope of work.

1. JMD will attend a kickoff meeting. JMD has already performed preliminary site visits with the NFWB prior to the start of this project to observe existing conditions, develop the project work limits, and discuss design expectations. We have budgeted to attend one additional kick-off meeting with the NFWB, if needed.
2. Review available record plans and information regarding the design and construction of the walkways and motor mounts.
3. Perform a field inspection, including hammer sounding, of the accessible concrete surfaces around the steel motor mounting plates. A visual inspection of the underside of the walkways will be made utilizing a pole mounted camera and mirror. JMD will check the walkways for any deformation or sag utilizing a laser level.
4. Analyze the walkways to determine if they have adequate structural capacity to carry the appropriate live loading and the additional dead load of filling in the motor holes.
5. Prepare three different repair alternatives for the walkways and associated costs. The alternatives will be in the form of a technical memorandum and will summarize the results of the inspection and

structural analysis. It is assumed that the structural analysis will indicate that the walkways have enough capacity without having to do any structural retrofits. It is assumed the three alternatives will be as follows:

- a. In-fill the existing motor holes with concrete.
- b. In-fill the existing motor holes with steel or FRP grating.
- c. Demolish and reconstruct the bridges out of concrete.

If it is found that any of these recommendations are not feasible due to the condition or capacity of the existing walkways, it will be noted in the technical memorandum.

6. Prepare walkway repair plan sheets and specification sections pertaining to the repairs. It is assumed that the following repairs will be required, and the plan set prepared by JMD will be approximately 4 drawings:
 - Concrete surface repairs for areas of spalling, deterioration and delaminations.
 - Either In-filling the holes with concrete or with grating, based on the NFWB preference.
 - Replacement of walkways in their entirety. It is assumed that some walkways may warrant complete replacement even if the in-fill option is the preferred option. Hours have been added to this proposal to detail both options.

Should the NFWB decide to bid out the project, we have assumed that the NFWB will be responsible for preparing all bid documents, including the front end, Division 0 and 1 specifications required for a complete specification book, and additional drawings such as the Cover and General Notes.

7. JMD has also included time to investigate the repairs that were made by Hohl on two of the existing walkways. This investigation will look at how the walkways were demolished, how new reinforcement was installed and if the structural support conditions were modified during the repair.

FEES AND TERMS

Services described above shall be provided on a Time and Expense basis with a fee not-to-exceed **\$35,835**. Our projected hours and rates are detailed in **Table 1**. Expenses will include actual expenditures incurred in the interest of the project, as detailed in the estimate of expenses in **Attachment 1**.

JMD looks forward to working with you on this project. If you have any questions regarding this proposal, please contact me at (716) 289-5976.

Sincerely,

JM Davidson Engineering, D.P.C.



Michael Davidson, PE
Structural Engineer

Table 1 – JMD Proposed Labor Summary

Title / Level	Project Manager	Sr. Structural Engineer	Project Engineer	Expenses	TOTAL
Hourly Rate	\$155.00	\$155.00	\$105.00		
1. Kickoff meeting and review background docs	2	2			4
2. Review record plans and information		4			4
3. Field inspection		32	32		64
4. Structural Analysis of Walkways		16	8		24
5. Repair alternatives and summary memorandum	2	50	24		76
6. Prepare Plans and Specifications for Repair		40	40		80
7. Investigate Previous Walkway Repair		12			12
HOURS	4	156	104		264
FEE	\$620.00	\$24,180.00	\$10,920.00	\$115.00	\$35,835.00

Attachment 1 – JMD Proposed Expenses

Mileage

Tonawanda to NF	5 Trips @	25 miles/trip =	125			
	Trips @	miles/trip =	0			
				125	x	\$0.670
						\$83.75

Tolls

Tonawanda to NF	5 Trips @	\$2.00 Trip =				
						\$10.00
						\$10.00

Lodging & Per Diem

\$0.00

Reproduction

Reproduction	0 8.5"x11" Color@	0 Sets =	0	x	\$1.00	\$0.00
Reproduction	0 8.5"x11"@	0 Sets =	0	x	\$0.08	\$0.00
Reproduction	0 24"x36" @	0 Sets =	0	x	\$0.75	\$0.00
Reproduction	0 11"x17" @	0 Sets =	0	x	\$0.15	\$0.00
						\$0.00

Misc.

Misc. Expendable Supplies						
						\$21.25
						\$21.25

Total Direct Expenses \$115.00

NIAGARA FALLS WATER BOARD RESOLUTION # 2024-04-004

EXERCISING OPTION FOR EFPR GROUP, CPAS, TO PERFORM 2024 AUDIT

WHEREAS, in 2023 the Niagara Falls Water Board (“Water Board”) issued a request for proposals for annual auditing services for 2023, with the option to have the selected firm perform the 2024 and 2025 audits; and

WHEREAS, EFPR Group, CPAs, PLLC, was selected and completed the 2023 audit on time and to the Board’s satisfaction; and

WHEREAS, the Water Board wishes to exercise its year-two option to have EFPR perform the 2024 audit for a fee not to exceed \$25,000 as outlined in that firm’s September 8, 2023 cost proposal;

* CONTINUED ON NEXT PAGE *

NOW THEREFORE BE IT

RESOLVED, that the Director of Financial Services hereby is authorized to engage the services of EFPR Group, CPAs, to perform annual audit services for the year ending December 31, 2024 for a fee not to exceed \$25,000 unless additional fees are authorized by Resolution of the Niagara Falls Water Board prior to their being incurred.

Water Board Personnel Responsible for Implementation of this Resolution:
Director of Financial Services

Water Board Budget Line or Capital Plan Item with Funds for this Resolution:
Budget Line: FGB.8000.0000.0459.000 - Auditors
Budget Line Provided by: B. Majchrowicz

On April 22, 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

NIAGARA FALLS WATER BOARD
Proposal to Provide
Audit and Related Services
Years ending December 31, 2023, 2024 and 2025



**Excerpt From Proposal:
Cost for 2024 Audit**

EFPR Group, CPAs, PLLC
Douglas E. Zimmerman, CPA
Partner
dzimmerman@efprgroup.com

September 8, 2023

- Prepare a letter to management detailing comments and suggestions for improvements in internal control or general management techniques which come to our attention during the audit. We will review and explain all observations and recommendations so that appropriate changes may be implemented.
- Prepare a report as required by Title Two of the Official Compilation of Codes, Rules and Regulations of the State of New York to ensure compliance with investment guidelines including New York State Office of the Comptroller Investment Guidelines for Public Authorities and Section 2925 (3)(F) of the State of New York Public Authorities Law - Investments of Public Authorities. We will prepare a separate compliance report on investment practices and the Investment Guidelines of the Office of the State Comptroller, as well as any other applicable laws, regulations, or other guidelines.
- Attend a meeting with the Board of Directors at a regularly scheduled meeting to review the results of our audit of the financial statements.
- Maintain contact throughout the year to discuss: (a) changes in accounting which could affect the Board and (b) the progress toward fulfilling current needs and future objectives.

TIMING AND COST

Upon receiving notice of appointment as auditors, we will meet with you and establish a definite time program for the performance of services. The time program will be established in such a way to ensure that work is efficient and structured to avoid disrupting the day-to-day routine duties of your staff. The following is an estimated timetable related to performance of our services on an annual basis:

<u>Service</u>	<u>Deadline</u>
Complete interim fieldwork	By December 31 st
Commencement of final fieldwork	By February 1 st
Complete final fieldwork	By February 15 th
Issue draft reports	By March 15 th
Issue final reports	Upon approval

Our fee quote is based upon the estimated time we will spend on the engagement and the qualifications of personnel that will be assigned. On the basis of our extensive experience with public benefit corporations and other governmental organizations similar to yours, we have determined the fees that we will charge for the required services for the years ending December 31, 2023, 2024 and 2025 to be as follows:

December 31, 2023	\$ 24,000
December 31, 2024	25,000
December 31, 2025	<u>26,000</u>

These are the ALL-INCLUSIVE FEES to be charged to the Board and include all costs, including report reproduction and similar expense (travel, phone, clerical, postage, etc.).

We consider ourselves not only auditors but also advisors to our clients. Accordingly, we encourage our clients to contact us throughout the year to discuss any technical matters or other issues that arise. We consider this service an integral part of our overall client relationship and accordingly, do not bill separately for any of these questions.