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**Working Session of the  
Niagara Falls Water Board  
October 18, 2021 at 5:00 p.m.**

**5815 Buffalo Avenue**

**Niagara Falls, NY 14304**

**\*\*\*Meeting may be attended in person or via conference call --  
visit [NFWB.org](http://NFWB.org) for call-in details.\*\*\***

**1. 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.) \_\_\_\_\_**

**2. Comments from Chairman Forster**

**3. Presentations (none scheduled)**

**4. Correspondence**

- a. Zafuto Thank You Note Dated October 8, 2021**
- b. Talarico and Dash Thank You Note**
- c. Letter from Buffalo Niagara Waterkeeper Supporting Infrastructure  
Funding Request Dated October 13, 2021**

**5. Executive Director – Dr. Abderrahman Zehraoui**

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

**6. Superintendent – William Wright**

**7. Engineering – Douglas Williamson**

**8. Personnel Items – John Accardo**

- a. October 25, 2021 Personnel Actions Sheet**
- b. Draft Chief of Outside Infrastructure Job Specification**

**9. Information Technology (IT) – Dr. Abderrahman Zehraoui**

**10. Finance – Brian Majchrowicz**

- a. 2022 Budget Update**
- b. Revenue Budget Performance Report through Sept. 30**
- c. Sewer Fund Expense Budget Performance Report through Sept. 30**
- d. Water Fund Expense Budget Performance Report through Sept. 30**
- e. Board Fund Expense Budget Performance Report through Sept. 30**
- f. Bank Balance Report – Bank on Buffalo and KeyBank**
- g. Treasury Investment Bank Balance**
- h. Wilmington Trust Bank Balances**
- i. Capital Payments – September 2021**
- j. September 2021 Budget Amendment Report**

**11. September 2021 Operations and Maintenance Report**

**12. Safety – John Accardo**

**13. General Counsel and Secretary – Sean Costello**

- a. Draft September 27, 2021 Meeting Minutes**

**14. From the Chairman**

**15. Resolutions**

**2021-10-001 – EXTEND BID FOR GRANULATED ACTIVATED CARBON  
SUPPLY AND REMOVAL**

**2021-10-002 – PROCUREMENT OF REPLACEMENT WATER METERS**

- a. **TiSales Meter Replacement Quote – October 7, 2021**

**2021-10-003 – WWTP MAIN SUBSTATION GROUNDING AND STONING  
REFURBISHMENT**

- a. **Ferguson Proposal PL22711 for Main Substation Grounding and Stoning, dated  
October 12, 2021**

**2021-10-004 – WWTP 480v BREAKER RETROFIT**

- a. **Ferguson Proposal PL22712 for Retrofit of Spare 480v Breakers, dated October 12,  
2021**

**2021-10-005 – ACCEPTING CPL ENGINEERING SERVICES PROPOSAL  
FOR 18TH STREET WATER MAIN REPLACEMENT BETWEEN  
WHITNEY AVENUE AND ONTARIO AVENUE**

- a. **CPL Proposal for 18th Street Water Main Replacement Design dated September 24,  
2021**

**Anticipated Additional Resolution(s) for Regular Meeting:**

- 1. Authorizing Water Infrastructure Improvement Act (“WIIA”) Grant Applications  
and State Environmental Quality Review (“SEQR”) Review for Proposed Actions.***

**16. Additional Comments from Chairman Forster**

## **17. Unfinished/Old Business**

### **a. 18th Street Slip Line**

- **Walk-through completed from Whitney Ave. to Ontario Ave. with City Engineering – discussed at board meeting held on 5/24/21.**
- **City Engineering is hand-drawing certain utilities, design not complete as of July 19.**
- **9/20/21 – T. Donner from CPL will prepare a proposal for CPL to do the engineering for the grant-funded work.**

### **b. Roof Study**

- **Study is complete. Dave Jaros from CPL will now be the point person – discussed at work session held on 7/12/21.**

### **c. Beech Ave. Water Tower**

- **Jay Meyers explains some modeling work is needed along with finalizing ideas for an ideal location (possibly Buffalo Ave.)**
- **Beech Ave. is not an ideal location due to the need for a pump station.**
- **Cost to complete the study – approximately \$9,800 – discussed at board meeting held on 5/24/21.**
- **Per Jay Meyers, as of July 19, project is 95% complete, final details to be discussed with NFWB.**
- **9/20/21 – Report delivered to NFWB (Copy is in 9/27 Meeting Packet, Minus Appendices).**

### **d. Caulking Project WTP**

- **Exterior caulking complete.**
- **Bid for interior caulking awarded at July 2021 meeting; next step is to schedule the work.**
- **9/20/21 – Contractor now has supplied bonds, J. Meyers will get work scheduled.**

### **e. 56th Street Water Tower**

- **CPL was tasked to explore ways to improve the functionality and eliminate the need for WTP operators to have to drain the water lower levels on a daily basis in order to recirculate the water; due to the lack of a recirculating pump and valve at the bottom of the tank - discussed at board meeting held on 5/24/21.**
- **9/20/21 – Report delivered to NFWB (Copy is in 9/27 Meeting Packet, Minus Appendices).**

**f. Lift Station Roofs**

- **As of September 14, 2021:**
  - **New pitched roof at 81st and Frontier has been installed using in-house labor and Carpenters from Union Hall.**
  - **Waiting on metal roofing material for 81st and Stephenson, should arrive by the end of September 2021.**
  - **J. Argona and M. Eagler are evaluating the possibility of performing the work required on the Cayuga Island lift station in house.**
- **9/21/21 – Per M. Eagler, two lift stations will be painted before weather changes.**
- **10/14/21 – One building painted, the other is underway.**

**g. Chlorine System**

- **Adding a booster pump to the raw water chlorine feed would prevent loss of chlorine feed during a low-pressure scenario (i.e. Goodyear break).**
- **Will also provide backup to chlorine dosage during backflow testing/repairs**
- **CPL has done design, waiting for DOH approval of submittals, as discussed July 19.**
- **9/14/2021 – Still waiting for DOH approval.**
- **9/20/2021 – Same status, Dr. Zehraoui to contact DOH regarding delay.**

**h. Emergency Backup Generators**

- **In need of repair – multiple issues with transfer gear and controls.**
- **1 unit has been determined to need radiator parts/replacements.**
  - **Radiator repair approx. \$40,000.**
- **Work continues with Zenith – determined TS-2 and TS-3 need cleaning and lubrication, which involves removing power and running a separate generator to make the necessary repair.**
- **Quotes have been received for auto switching main plant power feeds to lessen the risks involved with a generator failure (unknown).**
- **Joe Argona provided a proposal from Milton-Cat (dated 4/19/21) for the installation of the auto-transfer scheme and relay upgrade for the (2) main incoming feeders for the WTP – discussed at board meeting held on 6/28/21.**
- **Working to plan a plant shutdown to clean electrical contacts and other preventative maintenance work on electrical system.**
- **9/20/2021 – J. Argona will get updated quote for Board approval of radiator replacement.**
- **10/14/21 – J. Argona followed up with Milton CAT on 10/13, they still are working on updated quote. Plant shutdown scheduled for 10/20.**

**i. WTP Roofing**

- Area over front main entrance vestibule is leaking – creating issues with drywall mold and cracking.
- Area over filter gallery with floating foam pieces – no leaks detected. Nearby roof drains have been cleaned to help with the issue - discussed at board meeting held on 5/24/21.
- A purchase order for \$8,750.00 has been submitted to Brad Farris from Tremco – work will be scheduled shortly – discussed at work session held on 7/19/21.
- 9/20/21 – Report from Tremco is included in work session packet.
- 9/20/21 – Report reviewed with Board by D. Jaros.

**j. Interior Lighting**

- As of 9/14/2021, plan is to do low-lift lighting in-house.
- Replacement fixtures installed in accessible areas of low lift were not as bright as desired, a new light was ordered to test out in the building – discussed July 19.
- 9/14/2021 – A replacement fixture has been installed and is being evaluated.
- 9/20/2021 – Per J. Argona, replacement fixture was satisfactory, more will be ordered, total cost estimated at \$5,000 to \$6,000 to do entire area.
- 10/14/21 – Additional replacement fixtures have been delivered. Installation will begin when lift is transferred from WWTP.

**k. HVAC Rooftop & Make Up Air**

- Outdated units – need replacements – 4 out of the 5 units are inoperable.
- Still in need of additional units – the pandemic has brought this to the forefront, as makeup air is potentially regulated in certain environments as well as air filtration ratings.
- June 30, 2021 Quote for MUAUs totals \$263,222
- July 19 – D. Williamson and J. Meyers tasked with preparing bid specifications for this project.
- 9/20/2021 – Per J. Meyers, specifications are about 90% complete.

**l. PACL System Upgrades**

- Need SCADA professionals to finish updating our program to match the 4 PACL pumps so that all 4 pumps can be utilized with SCADA control.
- 9/20/2021 – Three of four pumps are connected to SCADA, Dr. Zehraoui will meet with C. Hotchkiss regarding connecting fourth pump.

**m. Bulk Chemical Storage Liners**

- PACL liners complete – contractor has concerns about Fluoride toxicity. Maintenance department to follow up.
- - discussed at board meeting held on 5/24/21.
- Joe Argona states he is waiting on the Canadian borders to re-open in order to receive servicing on the fluoride tank. Also, waiting on a response from the DOH regarding regulations for not dosing during the time of servicing – discussed at board meeting held on 6/28/21.
- 9/14/2021 – Still waiting for border to reopen so work can proceed.
- 10/14/20 – Still waiting for border reopening.

**q. Board Member Asklar will have oversight on remodeling of the WWTP employee break room, shower area and bathrooms - discussed at board meeting held on 5/24/21.**

- Board Member Asklar states he would like to meet with Dr. Zehraoui prior to their weekly finance meetings to further discuss – discussed at board meeting held on 6/28/21.
- Administration building bathrooms have been repainted; new vanities and mirrors will be installed; budget line for ordering these is needed as discussed at July 19 work session.
- 10/14/21 – Vanities for administration bathrooms delivered today.

**n. WTP Freeze-Thaw Bed Cleanouts**

- Freeze Thaw beds were designed with a maximum plant flow of 20 MGD, which we are now exceeding. The resulting amounts of solids have become more expensive and more difficult to have removed, and we frequently have to switch beds sooner than planned in order to maintain our SPDES permitted water quality.
- 9/20/21 – Contents of two beds have been moved to bed three, so two beds are available to WTP operations. Contents will be landfilled when dry.
- 10/14/21 – Arrangements are being made for trucking/disposal.

**o. Carbon Silo needs repair and painting before it becomes unstable and needs demolishing.**

- i. Polymer and Carbon capabilities could be reinstated to improve plant capability.
- ii. Joe Argona to get budgetary quote for painting silo.
- iii. 9/14/2021 - NYS Industrial Coatings Quote - \$20,000; our painter can do it in house for \$5,000 to \$10,000 if we get a lift.
- iv. 10/14/21 - Plan is to schedule work in house for spring.



- p. WTP Rapid Mix System Upgrade**
  - We are only able to have one of our two rapid mixers connected to the emergency generator circuit. This requires us to have an electrician manually switch the circuits in order for operations to change over the rapid mixer for scheduled maintenance.
  - 10/14/21 – Completed using in-house forces for under \$1,000.
- q. Painting of Sedimentation plates and various areas throughout the interior and exterior of the plant. Filter walls are peeling.**
- r. WTP Chemical Offload Area Coating Replacement.**
  - i. Quotes obtained, NYS Industrial Coating price is \$29,750, Niagara Coatings \$29,250.
  - ii. 9/14/2021 – Exploring doing in house, would need to have contractor do the necessary soda blasting to remove existing coating, then will work to schedule job in house Spring 2022 for approx. half cost of contractor.
  - iii. 9/20/2021 – J. Argona estimates cost to complete work will be \$7,000, painter and WTP maintenance have removed much of the old coating.
  - iv. 10/14/21 – Work will be scheduled using in-house forces in Spring 2022.
- s. Repairs to WTP Rear Perimeter Fence.**
  - i. Quotes obtained, Fox Fence with barbed wire option is \$21,611.29, Davidson \$23,480.
  - ii. 9/14/2021 – Can omit barbed wire to get under \$20,000, but will need to identify funds for this.
  - iii. 9/20/2021 – D. Williamson directed to look into possible Homeland Security grant to help fund project.
- t. Follow up on Auditors' Recommendations**
  - 9/20/2021 – A plan to address these will be developed during weekly meetings between staff and Chair of Finance Asklar.
- u. WWTP Camera Installation**
  - 9/20/2021 – 3 cameras are installed, final total will be 11.
  - 10/14/21 – Project is ongoing.
- v. Neptune Meter Project Report**
  - 9/20/2021 – Reports on status were in work session packet.

## **18. New Business & Additional Items for Discussion**

**19. Executive Session (if needed)**

**20. Adjournment of Meeting**

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**Subject:**

FW: Thank you and more

----- Original message -----

From: maria zafuto <[mchillez1229@gmail.com](mailto:mchillez1229@gmail.com)>

Date: 10/8/21 2:20 PM (GMT-05:00)

To: Michael Eagler <[meagler@NFWB.org](mailto:meagler@NFWB.org)>

Subject: Fwd: Thank you and more

[You don't often get email from [mchillez1229@gmail.com](mailto:mchillez1229@gmail.com). Learn why this is important at <http://aka.ms/LearnAboutSenderIdentification>.]

Dear Mike,

&gt;&gt;

>> I would be remiss if Steve and I didn't share our compliments to you, the NFWB crew and the work done recently on Cayuga Island. For the past week (at least), we have seen crews changing out hydrants, flushing hydrants, cleaning sewers/grates, and remedying very poor drainage areas. Along the way, there have been a couple of hiccups, namely a broken valve today after a HUGE hole in a pipe at the end of our driveway last night, flooding our street. In a very timely fashion, emergency crews were here, and it was great to see you and your guys tending to a gigantic after-hours disaster. I understand we have Mayor Restaino to thank for that!

&gt;&gt;

>> Prior to the that fiasco, what we noted each day as we walked the island was how professional, kind and supportive the crews were. We talked to every one of them on our island walks each and every day, as did our neighbors. We have all marveled at how they carry themselves and diligently tend to their tasks. In addition, we are VERY appreciative of the proactive measures taken with the fragile infrastructure of the pipes on the island. After the July rains, we learned just how fragile they were. Most times, we expect to and do have issues when the temps plummet in the winter. I don't think anyone expected flooding in July. I know we will breathe better knowing and seeing what's been done all year long now!

&gt;&gt;

>> Just wanted you all to know the efforts of the NFWB have not gone unnoticed. Thanks so much to you and your crews!

&gt;&gt;

&gt;&gt; Best always,

&gt;&gt; Maria and Steve Zafuto

&gt;&gt; 9306 Rivershore Drive

&gt;&gt;

&gt;&gt;

&gt;&gt; Sent from my iPhone

---

Dear Mike & Team,

We can't thank you enough  
for your speedy jump to action  
fixing the sewer basins behind  
our home on Vanderbilt Ave.  
We truly appreciated your help!

Sincerely,  
Nicole Talarico & Rich Dash

Board of Directors  
Chanel McCarthy, Chairperson  
Jon Powers, Chair Elect  
Alyce Notaro, Treasurer  
MaryAnn Rogers, Secretary  
Keith Belanger  
Emmanuel Frimpong Boamah  
Dawn Cody  
Rick Galas  
Deborah Gondek  
Dennis Horrigan  
Richard Lippes  
Michael Nowicki  
Kirsten Shelly

Board Emeritus  
Barry Boyer  
Tom DeSantis  
Lynda Schneekloth

Executive Director  
& WATERKEEPER  
Jill Jedlicka

October 13, 2021

The Honorable Charles E. Schumer  
Majority Leader United States Senate  
130 South Elmwood Avenue, #660  
Buffalo, NY 14202

Dear Majority Leader Schumer:

On behalf of Buffalo Niagara Waterkeeper, Western New York's leading water quality and Great Lakes advocate, we are offering our support to the Niagara Falls Water Board in their pursuit of federal infrastructure funding to assist with the critical upgrades to the city's physical/chemical treatment plant.

One of only four operating plants of this kind in the nation, this outdated plant garnered international scrutiny and criticism due to the July 2017 black water discharge event. Not only was this incident a negative impact on the health and aesthetics of the lower Niagara River, but it perpetuates the image that Niagara Falls is a polluted and unhealthy place to live, work and visit.

However, it is not just this one event that justifies the funding request. The Niagara River is the connecting channel between Lake Erie and Lake Ontario, and though it is considered a federally designated Area of Concern, it remains the lifeblood of the regional economy. It provides drinking water and critical habitat for people and wildlife.

The entire wastewater system is antiquated, and still relies on an unhealthy process of Combined Sewer Overflows (CSOs) and Sanitary Sewer Overflows (SSOs) into neighboring waterways. The plant operations utilize an extraordinary amount of chlorine, and the chemical processes of the plant create other hazards such as maintenance challenges and other negative water quality and aesthetic impacts.

Niagara's communities will never fully revitalize without dealing with crumbling sewage infrastructure issues. In our opinion, the best way to address these issues and the water quality challenges related to an unpredictable climate future is to transition the plant to a biological treatment facility.

New York State has and will continue to provide funding to address the most egregious problems, but federal infrastructure funding will be needed to implement a holistic solution, not only for the plant operations, but the entire wastewater system including the mitigation of CSOs and SSOs.

Buffalo Niagara Waterkeeper is willing to coordinate with the Niagara Falls Water Board, in good faith, as we work together towards identifying and implementing solutions that will not only improve plant operations, but afford greater protections to the Niagara River, our Great Lakes, and surrounding communities.

Sincerely,



Jill Jedlicka  
Executive Director &  
Waterkeeper



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

Last Updated: 10/13/2021

Project	Scope of Work	Original Budget	Scope/Vendor	Estimated Task	Key	
					Proposal currently under review, but not approved	Preliminary Construction Cost per Engineers Estimate
Sedimentation Basin Upgrades	\$10,390,000		Design and Bidding (AECOM - Approved)	\$409,000	98%	Construction continues on Basin 5.
			CA (CPL - Approved)	\$97,500	15%	
			CI (CPL & Subcontractor - Approved)	\$357,500	9%	
			GEN Construction (Hohl - Per Bid - Approved)	\$7,422,010	2%	
			ELEC Construction (CIR - Per Bid - Approved)	\$894,100	17%	
			Project Total	\$9,180,110	8%	
			Remaining Budget	\$1,209,890		
			Design, Bidding, and CA/CI (GHD - Approved)	\$198,230	100%	
			CA (GHD - Approved)	\$85,500	100%	
			CA (GHD Subcontractor - Approved)	\$131,300	51%	
GPS	\$4,100,000		GEN Construction (STC - Per Bid - Approved)	\$2,653,000	31%	Construction continues at GPS. Currently reviewing change order request from CIR. Schedule extension has been approved.
			ELEC Construction (CIR - Per Bid - Approved)	\$418,300	21%	
			HVAC Construction (Danforth - Per Bid - Approved)	\$864,400	68%	
			Project Total	\$4,350,730	43%	
			Remaining Budget	(\$250,730)		
			Design and Bidding (Arcadis - Approved)	\$166,786	100%	
			CA (Arcadis - Approved)	\$88,529	63%	
			CI (Arcadis Subconsultant - Approved)	\$59,000	4%	
			GEN Construction (Hohl - Per Bid - Approved)	\$1,527,000	10%	
			ELEC Construction (CIR - Per Bid - Approved)	\$140,800	22%	
Screens and Grit Transportation Equipment Improvements	\$1,920,000		Project Total	\$1,982,115	21%	Construction continues on polymer equipment improvements. Experiencing equipment delivery delays.
			Remaining Budget	(\$62,115)		
			Design, Bidding, and CA/CI (AECOM - Approved)	\$90,793	100%	
			GEN Construction (Carbon Activated - Per Bid - Approved)	\$1,626,875	90%	
			Final Project Total	\$1,717,668		
			Final Remaining Budget	\$282,332	14%	
Granular Activated Carbon and Filter Support Gravel Replacement	\$2,000,000		Design and Bidding (AECOM - Approved)	\$90,793	100%	Construction Complete.
			GEN Construction (Carbon Activated - Per Bid - Approved)	\$1,626,875	90%	
			Final Project Total	\$1,717,668		
			Final Remaining Budget	\$282,332	14%	
			Design, Bidding, and CA/CI (AECOM - Approved)	\$90,793	100%	
			GEN Construction (Carbon Activated - Per Bid - Approved)	\$1,626,875	90%	
			Final Project Total	\$1,717,668		
			Final Remaining Budget	\$282,332	14%	
			Design, Bidding, and CA/CI (AECOM - Approved)	\$90,793	100%	
			GEN Construction (Carbon Activated - Per Bid - Approved)	\$1,626,875	90%	

Electrical System Improvements	\$2,610,000	Design/E.I. Team - <b>Approved</b>			\$102,120	100%	Bid opening held, with no received bids. Presenting proposed plan which includes breaking apart scope and bidding in smaller parts.	
		Phase 2 Design - <b>Approved</b>			\$198,941	93%		
		CA/CI/TBD - <b>Approved</b>			\$65,374	0%		
		Const. - <b>Per original project Budget (EI Team Estimates \$6M)</b>			\$1,890,938	0%		
		Task 1 Construction - Ferguson - <b>Approved</b>			\$352,627	51%		
		Project Total			\$2,610,000	18%		
		Remaining Budget			\$0			
		Design, Bid, and CI (AECOM - <b>Approved</b> )			\$190,233	100%		
		GEN Construction (M&B - Per Bid - <b>Approved</b> )			\$1,366,000	95%		
		ELEC Construction (Ferguson - Per Bid - <b>Approved</b> )			\$108,000	98%		
Effluent Disinfection	\$3,650,000	ELEC Construction (Ferguson - <b>Approved Proposal - Network Improvements</b> )			\$400,000	85%	Construction Complete.	
		CA/In-House - CPL (Included in current CPL term contract)			~ 5% or \$185,000 if by capital project engineer			
		Project Total			\$2,064,233	94%		
		Remaining Budget			\$1,585,767			
		Design, Bidding, and CA/CI (E.I. Team - <b>Approved</b> )			\$111,800	100%		
		CA/ CI (EI Team - <b>Approved</b> )			\$28,520	11%		
Replacement of Critical Heating and Ventilation Equipment	\$1,160,000	ELEC Construction (CIR - Per Bid - <b>Approved</b> )			\$177,363	0%	Project in construction. Experiencing equipment delivery delays.	
		HVAC Construction (Danforth - Per Bid - <b>Approved</b> )			\$782,000	0%		
		Running Total			\$1,099,683	10%		
		Remaining Budget			\$60,317			
Replacement of Blower Equipment	\$300,000	Design/In-House AECOM/ CPL (Included in current CPL term contract)			N/A	N/A	Construction Complete.	
		Const./Various Contractors - Per IDIQ Contract			\$90,118	100%		
		CA/CI/In-House - CPL (Included in current CPL term contract)			N/A	N/A		
		Final Total			\$90,118	100%		
		Final Remaining Budget			\$209,882			
Replacement of Process Piping	\$640,000	Piping Assessment Report (Ramboll - <b>Approved</b> )			\$59,770	100%	Project #9 proceeding into construction phase. Experiencing equipment delivery delays.	
		Design, Bidding, and CA/CI (JMD - <b>Approved</b> )			\$114,560	17%		
		Construction - (MLP - Per Bid - <b>Approved</b> )			\$428,300	0%		
		Running Total			\$602,630	13%		
		Remaining Budget			(\$37,370)			
SCADA Improvements	\$455,000	Phase 1 Design/ Construction/Kaman - <b>Approved</b>			\$352,450	61%	Kaman continues SCADA upgrade work and coordination with Capital Project Engineers.	
		Phase 2 Design/ Construction - <b>Approved (For Project #6)</b>			\$146,200			
		Running Total			\$498,650	61%		
		Remaining Budget			(\$43,650)			
Phase 1 Budget Total =		\$27,000,000	Anticipated Total Cost (Percentage of Total Budget)			\$24,195,937	Remaining Phase 1 Budget	\$2,804,063



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

Key	
Proposal currently under review, but not approved	
Preliminary Construction Cost per Engineers Estimate	

Project	Scope of Work	Budget	Scope/Vendor	Estimated Task	% Billed	Recent Work Update
PHASE 1	Outfall	\$1,700,000	Design, Bidding, and CA/CI (GHD - Approved)	\$37,400	100%	(See Project #2 Update)
			GEN Construction (STC - Per Bid - Approved)	\$562,000	90%	
			Running Total	\$599,400	91%	
			Remaining Budget	\$1,100,600		
PHASE 2A	18" Plant Drain Upgrade	\$225,000	11A Design, Bidding, and CA/CI (JMD - Approved)	\$15,890	75%	Project #11 proceeding into construction phase. Experiencing equipment delivery delays.
			Const. (Danforth - Per Bid - Approved)	\$169,000	0%	
			Running Total	\$184,890	6%	
			Remaining Budget	\$40,110		
PHASE 2B	Hypo and Sludge Improvements	\$975,000	11B Design, Bidding, and CA/CI (JMD - Approved)	\$52,965	22%	
			Const. (Danforth - Per Bid - Approved)	\$457,800	0%	
			Running Total	\$510,765	2%	
			Remaining Budget	\$464,235		
PHASE 2 Budget = \$13,000,000			Phase 2 Running Total	\$1,295,055		
*Updated to reflect full available Phase 2 Budget, grant not yet approved			Phase 2 Remaining Budget	\$11,704,945		



# NFWB Financial Award Summary

Last Updated: 10/11/21

Note: Changes from last summary are in red text



Description	Amount	Source	Status
<b>AWARDED</b>			
Bollier Avenue Watermain Improvements 2017	\$400,000 total \$240,000 grant	NYS EFC DWSRF 18435	Funding Agreement Signed. Construction completed October 2020. NFWB with assistance from City to submit for reimbursement with EFC.
Various Watermain Improvements 2018	\$5,495,000 total \$3,000,000 grant \$2,495,000 loan	NYS EFC DWSRF 18588	City Engineer and Urban Engineers started design on two streets. CPL started design on 77th Street & Whitney Ave. NFWB awaiting invoicing paperwork from City before grant pay request can be made to EFC.
GRANT Portion			
Various Watermain Improvements 2018	\$5,495,000 total \$3,000,000 grant \$2,495,000 loan	NYS EFC DWSRF 18588	City Engineer and Urban Engineers started design on two streets. CPL started design on 77th Street & Whitney Ave. CPL assisting with loan reimbursement only. NFWB awaiting invoicing from City before loan request can be made to EFC.
LOAN Portion			
Sewer Plant Phase 1 Improvements	\$13,500,000 grant	NYS DASNY ID #15688	Awarded. <b>Six reimbursements received that total \$3.5 million.</b>
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 reviewing construction documents so future request can be made.
Sewer Plant Consent Order Items 11 & 14	\$500,000 grant	NYS DEC & EFC R9-20170906-129	Paperwork submitted and EFC/DEC reviewed. Payment has been issued.
LaSalle Sewer Area Phase 1 system report update & flow monitoring	\$100,000 grant	NYSDEC Engineering Planning Grant EPG #93794	Total payment of \$100,000 has been received by NFWB.

# NFWB Financial Award Summary

Last Updated: 10/11/21

Note: Changes from last summary are in red text



Description	Amount	Source	Status
<b>FUTURE</b>			
2021 Various Watermain & System Improvements	\$5,300,000 total \$3,000,000 grant \$2,300,000 loan	NYS EFC	Submission paperwork prepared. Waiting on State to announce grant sessions. Financial assistance submission to IUP made in Sept 2020. NFWB reviewing possibility of performing Military Road work in house. <b>CPL working with staff to update projects as necessary. If change in work scope or cost, updated resolution, SEQR and SHPO needed. Application deadline 11/22/21.</b>
2021 Various Sewer & System Improvements	\$5,300,000 total \$1,250,000 grant \$3,750,000 loan	NYS EFC	CPL to work with staff to prepare list of projects. Then discuss with NFWB if paperwork should be prepared for submission process. Application deadline <b>11/22/21.</b>
LaSalle Sewer Area Phase 2 system report update & flow monitoring	\$250,000 total \$100,000 grant \$150,000 NFWB Match	NYSDEC Engineering Planning Grant	CPL submitted application 2/10/21. EFC sent denial letter May 2021. Conf call with EFC 6/3/21, application can be submitted again. Application submitted 7/30/21. Anticipate late 2021 award announcement.
LaSalle Sewer Area Phase 2 Construction	\$1,000,000 total \$800,000 grant \$200,000 NFWB match	NYSDEC WQIP	Waiting on State to announce grant sessions. Financial assistance submission to IUP made in Sept 2020. EFC sent letter dated 3/4/21 stating construction work is eligible for hardship financing (0% loan). Eligibility in effect through 9/30/22. Application submitted 7/30/21. Anticipate late 2021 award announcement.
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. City hiring Grant firm. CPL awaiting direction.
Local Government Efficiency Program	Grant, varies. Up to \$150,000 if submit with City	NYS DOS	For projects that will achieve improvements between NFWB and other entities such as County, City, Public Safety, etc. NFWB met with City Feb 2021 to discuss. CPL awaiting direction.
Zero-Emission Vehicle Infrastructure Grant (electric charging stations)	max \$250,000 per location and max \$500,000 to NFWB, up to 20% NFWB match	NYS OCC	Stations must be accessible by public. Part of CFA process. Next application deadline anticipated July 2022.
Large Funding Request Sewer Plant Biological Conversion	\$250,000,000	NYS & Federal	Effort underway with officials for request. <b>Several meetings with officials held and additional in near future.</b>
Large Funding Request Lead Removal	\$70,000,000	NYS & Federal	Effort underway with officials for request. <b>Several meetings with officials held and additional in near future.</b>

**Niagara Falls Water Board**

**Personnel Actions and Report**

**Monday, October 25, 2021**

<b>Personnel Actions Sheet &amp; Requested of the Board.</b> <b>All appointments are subject to the appointee meeting the minimum qualifications and all applicable civil service conditions.</b>
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<b>A. PERSONNEL ACTIONS RECOMMEND TO HIRE</b>				
<b>Line Item Number</b>	<b>Position</b>	<b>Department/Location</b>	<b>Pay Rate or Grade</b>	<b>ADDITIONAL INFORMATION</b>

<b>B. RECOMMENDED PROMOTION / MOVE / APPOINTMENT</b>				
<b>Line Item Number</b>	<b>Name and Position</b>	<b>Type of labor move</b>	<b>Change in pay rate or grade</b>	<b>ADDITIONAL INFORMATION</b>
1	Mike Eagler - Chief of Outside Infrastructure	Promotion	Increase hourly rate from current acting pay of \$33 per hour to approx. \$38 per hour	In light of Bill Wright retirement and not planning to replace Superintendent, the new Chief of Outside Infrastructure job specification has been revised to add duties beyond those contemplated when position was approved on September 27. *Promotion to be effective December 24, after B. Wright retirement.*
2	CDT Team Leader	Promotion to Foreman	Increase in hourly rate of approx. \$3 per hour, from approx. \$23 to approx. \$26	Will free some time for Chief of Outside Infrastructure to perform new duties, promotion not to be effective until Dec. 24. Individual to be promoted to be determined by management.

<b>C. PREVIOUSLY TABLED PERSONNEL ACTIONS (From 2021)</b>				
<b>Line Item Number</b>	<b>Action and Position</b>	<b>Department/Location</b>	<b>Pay Rate or Grade</b>	<b>ADDITIONAL INFORMATION</b>
1	Lab Tech (2) -WWTP	Sr. Lab Techs (2) -WWP	Increase \$6,200.00 ea.	Qualifications and longevity met.

<b>D. OTHER PERSONNEL ACTIVITY FOR BOARD NOTIFICATION</b>				
<b>Name</b>	<b>Position</b>	<b>Department/Location</b>	<b>Pay Rate</b>	<b>ADDITIONAL INFORMATION</b>
Fama, Pat	Microbiologist	WTP Laboratory	\$66,502.62	Retirement effective 10/15/2021
Vlahopoulos, Dino	Network Tech	Information Technology	\$49,562.79	Letter of Resignation submitted. Effective 10/15/2021
Boyd, Jordan	Temporary Acting Pay - Microbiologist	WTP Laboratory	Additional \$5.43 per hour	To maintain laboratory certification.

<b>E. PERSONNEL ON LONG TERM LEAVE OF ABSENCE</b>				
<b>Name</b>	<b>Last Day Worked</b>	<b>Dept.</b>	<b>Return Status</b>	<b>Comments</b>
Bradberry, Cortez	4/14/2021	OSM	10/18/2021	Workers Comp
LaGamba, Stephen	7/16/2021	WWTP - Lab	Unknown	Ninety day LOA to pursue other government agency
Syverson, Jean	9/22/2021	WWTP Admin	10/11/2021, PT	Workers Comp

MCSC Revised 12/10/87 (Supervisor of Sewer Const. & Maint.) Approved \_\_\_\_\_

Labor and Trades Group

MCSC Revised 5/3/07 (with change in title) \_\_\_\_\_

Labor and Trades Supervision Series Labor and Trades Group

Labor and Trades Supervision Series

## **SUPERVISOR—(Pipes) Water Distribution and Wastewater Collections****CHIEF OF OUTSIDE INFRASTRUCTURE**

**DISTINGUISHING FEATURES OF THE CLASS:** ~~This is a difficult responsible supervising position involving the~~Supervises planning, maintenance, construction, repair, and installation of the Niagara Falls Water Board's water distribution and wastewater collection systems and oversees meter shop. This includes the development and carrying out of orders and plans for the cleaning, construction and maintenance of water distribution, sanitary and storm sewers; the maintenance and operation of lift stations and regulators; and coordinating the repair, replacement, reading, and calibration of large and residential water meters.- This position also is responsible for aspects of planning and maintaining the Water Board's heavy construction equipment and passenger vehicle fleet. General supervision is received from the Executive Director, Director of Infrastructure Operations, or Superintendent as applicable with considerable latitude for independent judgment in the direction of Collection and Distribution division, planning of work, and deployment of working crews. Assignments ~~are usually~~may be received in the form of drawings or work orders with periodic review of the work by the Director. General and direct supervision is exercised over assigned foreman, assistant foreman, skilled and unskilled CDT team members, maintenance workers, meter shop personnel, and contractors. Responds to complaints or concerns related to collection and distribution infrastructure and develops work orders as appropriate. The Supervisor performs related work as required.

### **TYPICAL WORK ACTIVITIES:**

Supervises the planning, maintenance, repair, and ~~minor~~ construction of the water distribution and wastewater collection systems;  
Supervises the sterilization of water mains and tanks;  
Interprets engineering plans and specifications for the construction and maintenance of new and old water and wastewater apparatuses;  
Supervises the installation and repair of mains, catch basins, manholes, valves, hydrants and other water distribution and wastewater collection fixtures;  
Oversees meter shop operations to verify that accurate and timely meter readings are completed;  
Ensures procedures are developed and implemented to verify the regular calibration, testing, and repair of water meters;  
Assists in identifying and developing capital projects, and developing capital budget;  
~~Recommends~~Calculates and prepares budget requests and ensures expenditures fall within budget appropriations requirements for areas of responsibility, including for personnel ~~changes~~ and equipment needs;  
Develops maintenance schedules, identifies vendors, helps develop specifications, and supervises assignment of passenger vehicles and heavy construction equipment;  
Recommends or administers disciplinary actions when warranted;  
Instructs employees in safe work practices and regarding operation of tools and machinery where appropriate;  
Recommends the requisition of necessary materials, tools, equipment and supplies;  
Investigates breakdowns in the water distribution and wastewater collection systems;

Investigates claims against the Niagara Falls Water Board and ~~advises superiors~~assists managers and attorneys in resolving claims;  
Responds to emergencies, including after hours, and d~~D~~etermines course of action in emergency situations;

Consults with superiors on technical problems;

Works with engineers and contractors to develop effective solutions and support customer needs;  
Develops working knowledge of construction techniques, industry standards, and innovations that may improve quality or efficiency of Water Board operations;

Prepares reports and maintains necessary records;

Inspects work in progress and upon completion.;

~~Drives and operates all equipment (dump truck, vaccon, vacall, etc., when necessary.~~

### **FULL PERFORMANCE KNOWLEDGES, SKILLS, ABILITIES AND PERSONAL CHARACTERISTICS:**

Thorough knowledge of water distribution and wastewater collections systems as well as technology, standards, and best practices for water metering; thorough knowledge of the methods, tools, materials and equipment, including heavy equipment, used in maintaining and repairing of the systems; ability to maintain and prepare reports, ability to read complex engineering plans, ability to lay out, plan and direct the work of others; thorough knowledge of the safety hazards common to the work; thorough knowledge of DSO, SSO and storm water regulations; thorough knowledge of the Niagara Falls Water Board's SPDES permit regulations as it pertains to the wastewater collection system; knowledge of how metering works with billing and other Water Board processes; understanding of overall Water Board operations sufficient to carry out responsibilities with respect to passenger vehicle fleet and needs; ability to instruct or demonstrate use of tools and equipment necessary to work; physical condition commensurate with the demands of the- position.

### **SUPERVISOR—(Pipes) Water Distribution and Wastewater Collections** (continued)

### **MINIMUM QUALIFICATIONS: EITHER**

~~(A) —~~ Graduation from high school or possession of a high school equivalency diploma and ~~six-ten (106)~~ years ~~—~~of full-time work experience in a water distribution or wastewater collection systems. This ~~—~~ experience must include at least ~~two-four (42)~~ years in a responsible supervisory capacity;

**OR**

~~(B) —~~ Eight (8) years ~~experience as indicated in (A), including the three (3) years in a supervisory~~ ~~—~~ capacity.

**NOTE:**

Additional education or training beyond high school graduation may be substituted for experience on a year-for-year basis up to ~~two-four~~ (42) years only; ~~six~~ (6) years experience is required, including the ~~four~~ (42) years in a supervisory capacity.

**SPECIAL REQUIREMENTS:**

~~Eligibles must obtain a New York State Class III motor vehicle operator license and a~~ Must possess and maintain a valid driver's license and a New York State Class-Level D operator's license within six (6) months of appointment.  
Distribution System Certification.





# Expense Budget Performance Report

Fiscal Year to Date 09/30/21

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	<b>GA - Water Board - Sewer</b>									
	<b>EXPENSE</b>									
	<i>Personnel - Position Control</i>									
0110.000	Biweekly Payroll	2,801,679.00	.00	2,801,679.00	196,846.62	.00	1,850,628.96	951,050.04	66	1,992,194.50
0153.000	Stipend	.00	.00	.00	461.54	.00	2,423.08	(2,423.08)	+++	96.15
	<i>Personnel - Position Control Totals</i>	<b>\$2,801,679.00</b>	<b>\$0.00</b>	<b>\$2,801,679.00</b>	<b>\$197,308.16</b>	<b>\$0.00</b>	<b>\$1,853,052.04</b>	<b>\$948,626.96</b>	<b>66%</b>	<b>\$1,992,290.65</b>
	<i>Personnel Services</i>									
0111.000	Biwkly Comp Differential	.00	.00	.00	.00	.00	6,125.51	(6,125.51)	+++	1,815.45
0125.000	Insurance OPT Out	122,148.00	.00	122,148.00	8,497.52	.00	76,906.29	45,241.71	63	76,866.28
0130.000	Temporary Payroll	111,964.00	(13,691.00)	98,273.00	23,208.71	.00	129,806.21	(31,533.21)	132	109,670.08
0140.000	Overtime	223,300.00	(5,000.00)	218,300.00	15,636.24	.00	115,823.65	102,476.35	53	166,483.68
0150.000	Acting Next-In-Rank Pay	12,480.00	.00	12,480.00	1,651.93	.00	13,606.18	(1,126.18)	109	12,430.50
0151.A	Sunday Contractual Pay	.00	.00	.00	3,722.56	.00	35,081.01	(35,081.01)	+++	35,242.49
0152.000	Shift Premium Pay	8,500.00	.00	8,500.00	29.65	.00	227.05	8,272.95	3	168.78
0155.A	Holiday Contractual Pay	.00	.00	.00	3,782.91	.00	17,479.06	(17,479.06)	+++	18,846.00
0155.000	Holiday Pay	9,298.00	.00	9,298.00	9,100.43	.00	48,469.98	(39,171.98)	521	53,600.65
0165.000	Military Leave	.00	.00	.00	2,127.20	.00	7,774.98	(7,774.98)	+++	2,414.40
0170.000	Overtime Meals	6,225.00	.00	6,225.00	436.00	.00	3,396.25	2,828.75	55	4,350.75
0181.000	Vacation Pay	.00	.00	.00	13,968.74	.00	129,213.07	(129,213.07)	+++	104,370.35
0182.000	Personal Time	.00	.00	.00	199.03	.00	3,235.96	(3,235.96)	+++	3,771.40
0183.000	Compensatory Time Off	.00	.00	.00	2,750.97	.00	7,216.60	(7,216.60)	+++	3,239.73
0184.000	Funeral Leave	.00	.00	.00	99.04	.00	4,810.87	(4,810.87)	+++	5,434.93
0185.000	Jury Duty	.00	.00	.00	.00	.00	3,560.92	(3,560.92)	+++	.00
0186.000	Call-In Time	7,750.00	.00	7,750.00	1,548.46	.00	14,978.41	(7,228.41)	193	13,409.03
0189.000	Sick Leave	.00	.00	.00	3,921.32	.00	49,811.41	(49,811.41)	+++	54,870.86
	<i>Personnel Services Totals</i>	<b>\$501,665.00</b>	<b>(\$18,691.00)</b>	<b>\$482,974.00</b>	<b>\$90,680.71</b>	<b>\$0.00</b>	<b>\$667,523.41</b>	<b>(\$184,549.41)</b>	<b>138%</b>	<b>\$666,985.36</b>
	<i>Capital Outlays</i>									
0210.000	Furniture & Furnishings	.00	4,000.00	4,000.00	.00	1,959.31	.00	2,040.69	49	.00
0230.000	Motor Vehicle Equipment	.00	.00	.00	.00	.00	.00	.00	+++	510.78
0250.000	Other Equipment	.00	6,500.00	6,500.00	899.82	169.00	5,534.76	796.24	88	.00
0250.500	Safety Equipment	25,000.00	.00	25,000.00	539.43	.00	10,752.68	14,247.32	43	12,969.65
	<i>Capital Outlays Totals</i>	<b>\$25,000.00</b>	<b>\$10,500.00</b>	<b>\$35,500.00</b>	<b>\$1,439.25</b>	<b>\$2,128.31</b>	<b>\$16,287.44</b>	<b>\$17,084.25</b>	<b>52%</b>	<b>\$13,480.43</b>
	<i>Contractual Expenses</i>									
0411.000	Office Supplies	2,750.00	.00	2,750.00	.00	7.57	1,227.92	1,514.51	45	1,976.89
0412.000	Uniforms	2,170.00	.00	2,170.00	288.00	.00	1,954.00	216.00	90	.00
0413.000	Safety Shoes	10,400.00	.00	10,400.00	611.89	.00	5,211.40	5,188.60	50	3,603.57
0414.000	Automotive-Gas,Oil,Grease	40,000.00	.00	40,000.00	3,653.21	.00	23,579.77	16,420.23	59	7,919.03
0416.000	Consumable Printed Forms	700.00	.00	700.00	.00	.00	624.92	75.08	89	280.70
0417.000	Tool Allowance	300.00	.00	300.00	150.00	.00	150.00	150.00	50	150.00
0419.001	Automotive Parts	25,000.00	.00	25,000.00	2,287.50	941.55	24,053.57	4.88	100	32,500.69
0419.003	Cleaning/Sanitary	5,000.00	5,000.00	10,000.00	.00	460.40	4,872.88	4,666.72	53	2,801.06



# Expense Budget Performance Report

Fiscal Year to Date 09/30/21

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	<b>GA - Water Board - Sewer</b>									
	<b>EXPENSE</b>									
	<i>Contractual Expenses</i>									
0419.004	Agricultural/Botanical	40,000.00	.00	40,000.00	.00	.00	.00	40,000.00	0	.00
0419.005	Tools & Machine Parts	207,100.00	.00	207,100.00	5,760.19	90,742.85	65,247.83	51,109.32	75	144,519.16
0419.006	Construction/Repair	142,500.00	.00	142,500.00	19,259.86	7,779.70	74,687.88	60,032.42	58	100,138.31
0419.008	Signals/Communication	5,000.00	.00	5,000.00	.00	.00	.00	5,000.00	0	.00
0419.009	Misc Chemicals	19,500.00	.00	19,500.00	279.65	2,192.42	10,235.00	7,072.58	64	11,761.35
0419.010	Laboratory	26,000.00	.00	26,000.00	1,089.82	921.49	18,805.69	6,272.82	76	12,463.67
0419.012	Carbon	110,000.00	.00	110,000.00	.00	.00	4,928.00	105,072.00	4	92,867.50
0419.014	Ferric Chloride	410,000.00	.00	410,000.00	32,406.97	29,810.72	278,971.06	101,218.22	75	283,992.53
0419.016	Primary Polymer	120,000.00	.00	120,000.00	.00	13,304.00	36,696.00	70,000.00	42	36,696.00
0419.017	Sludge Polymer	110,000.00	.00	110,000.00	.00	5,080.00	49,920.00	55,000.00	50	29,120.00
0419.018	Pebble Lime	230,000.00	.00	230,000.00	20,882.83	8,395.86	101,604.14	120,000.00	48	119,726.39
0419.024	Hypochlorite Solution	2,500,000.00	.00	2,500,000.00	35,615.11	12,869.68	1,582,401.71	904,728.61	64	1,548,113.03
0419.028	Hydrogen Peroxide	200,000.00	.00	200,000.00	.00	.00	.00	200,000.00	0	.00
0419.599	Undesignated Supplies	49,000.00	220.00	49,220.00	4,513.70	6,265.92	29,665.70	13,288.38	73	34,399.82
0421.001	Phone Extension Chgs	43,925.00	.00	43,925.00	4,970.01	.00	32,249.03	11,675.97	73	32,149.19
0421.002	Wireless Services	16,000.00	.00	16,000.00	740.44	.00	5,742.32	10,257.68	36	5,676.22
0422.000	Light & Power	633,000.00	.00	633,000.00	42,786.74	.00	445,795.03	187,204.97	70	426,704.22
0423.000	Water/Sewer	486,000.00	.00	486,000.00	.00	.00	342,016.20	143,983.80	70	290,352.86
0424.000	Gas	25,000.00	.00	25,000.00	36.08	.00	13,801.42	11,198.58	55	18,353.19
0432.000	Property Insurance	142,500.00	.00	142,500.00	.00	.00	.00	142,500.00	0	.00
0433.000	Liability Insurance	88,512.00	.00	88,512.00	.00	.00	115,582.30	(27,070.30)	131	108,641.80
0440.003	Motor Vehicle Equipment	80,000.00	.00	80,000.00	7,169.65	500.00	58,266.88	21,233.12	73	55,831.26
0440.599	Undesignated Leases	1,050.00	.00	1,050.00	166.14	.00	867.97	182.03	83	623.28
0441.000	Rental Of Real Property	75.00	.00	75.00	.00	.00	41.00	34.00	55	41.00
0442.000	Rental Of Equipment	14,000.00	.00	14,000.00	353.35	.00	3,656.99	10,343.01	26	2,675.82
0442.003	Motor Vehicle Equip Rentl	.00	9,565.00	9,565.00	494.50	.00	8,010.90	1,554.10	84	3,543.12
0442.599	Undesignated Rentals	2,700.00	.00	2,700.00	809.22	298.14	1,681.18	720.68	73	1,572.03
0443.000	Repair Of Real Property	35,000.00	.00	35,000.00	.00	2,514.79	14,965.03	17,520.18	50	9,484.09
0444.000	Repair Of Equipment	163,745.00	.00	163,745.00	1,738.29	6,759.05	62,379.56	94,606.39	42	48,099.88
0446.000	Computer Services	2,500.00	.00	2,500.00	349.98	.00	3,149.81	(649.81)	126	3,149.78
0449.000	Billing & Collection	42,500.00	.00	42,500.00	6,859.43	.00	34,297.17	8,202.83	81	32,531.32
0449.002	Sludge Disposal	1,750,000.00	.00	1,750,000.00	158,808.76	82,658.99	1,421,191.66	246,149.35	86	1,034,106.13
0449.004	Special Security	.00	.00	.00	.00	.00	.00	.00	+++	475.00
0449.500	Safety-Contractual	3,200.00	.00	3,200.00	.00	.00	1,850.23	1,349.77	58	991.50
0449.599	Undesignated Services	157,000.00	11,000.00	168,000.00	58,629.19	14,766.69	121,477.56	31,755.75	81	50,356.68
0451.000	Consultants	73,762.00	.00	73,762.00	4,219.31	13,368.61	56,992.42	3,400.97	95	60,266.81
0454.000	Attorney Services	80,000.00	.00	80,000.00	7,034.14	.00	40,723.81	39,276.19	51	30,266.92
0461.000	Postage	15,000.00	.00	15,000.00	1,031.08	.00	23,997.81	(8,997.81)	160	12,373.90



# Expense Budget Performance Report

Fiscal Year to Date 09/30/21

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	<b>GA - Water Board - Sewer</b>									
	<b>EXPENSE</b>									
	<i>Contractual Expenses</i>									
0463.000	Travel & Training Expense	8,320.00	(1,720.00)	6,600.00	.00	.00	499.00	6,101.00	8	2,121.50
0463.500	Safety Training	1,000.00	.00	1,000.00	.00	.00	.00	1,000.00	0	700.00
0465.000	Laundry & Cleaning	8,745.00	.00	8,745.00	99.76	452.34	972.66	7,320.00	16	6,256.78
0466.000	Books,Mags. & Memberships	500.00	.00	500.00	.00	.00	2,010.00	(1,510.00)	402	1,800.00
0467.000	Advertising	500.00	.00	500.00	50.68	.00	317.91	182.09	64	142.31
0471.000	Recruitment Expenditures	400.00	.00	400.00	134.00	.00	359.00	41.00	90	278.80
	<i>Contractual Expenses Totals</i>	\$8,130,354.00	\$24,065.00	\$8,154,419.00	\$423,279.48	\$300,090.77	\$5,127,732.32	\$2,726,595.91	67%	\$4,702,595.09
	<i>Employee Benefits</i>									
0801.000	NYS E.R.S. Retirement	391,435.00	.00	391,435.00	.00	.00	106,755.83	284,679.17	27	94,959.33
0820.000	Worker's Compensation	262,000.00	.00	262,000.00	782.74	.00	285.53	261,714.47	0	3,461.70
0830.000	Life Insurance	11,660.00	.00	11,660.00	.00	.00	8,809.37	2,850.63	76	8,650.87
0840.000	Unemployment Ins. NYS	17,253.00	.00	17,253.00	.00	.00	.00	17,253.00	0	20,768.11
0860.000	Medical Insurance	2,675,896.00	.00	2,675,896.00	174,212.17	.00	1,695,006.59	980,889.41	63	1,739,918.28
0861.000	Dental Insurance	28,400.00	.00	28,400.00	.00	.00	.00	28,400.00	0	.00
0863.000	Vision Care Insurance	5,982.00	.00	5,982.00	.00	.00	3,835.84	2,146.16	64	4,387.84
0865.000	Chiropractic Insurance	965.00	.00	965.00	.00	.00	560.00	405.00	58	600.00
	<i>Employee Benefits Totals</i>	\$3,393,591.00	\$0.00	\$3,393,591.00	\$174,994.91	\$0.00	\$1,815,253.16	\$1,578,337.84	53%	\$1,872,746.13
	<i>Employee Benefit - FICA</i>									
0810.000	Social Security	276,572.00	.00	276,572.00	21,546.97	.00	188,371.97	88,200.03	68	199,027.68
	<i>Employee Benefit - FICA Totals</i>	\$276,572.00	\$0.00	\$276,572.00	\$21,546.97	\$0.00	\$188,371.97	\$88,200.03	68%	\$199,027.68
	<b>EXPENSE TOTALS</b>	\$15,128,861.00	\$15,874.00	\$15,144,735.00	\$909,249.48	\$302,219.08	\$9,668,220.34	\$5,174,295.58	66%	\$9,447,125.34
Fund	<b>GA - Water Board - Sewer Totals</b>	\$15,128,861.00	\$15,874.00	\$15,144,735.00	\$909,249.48	\$302,219.08	\$9,668,220.34	\$5,174,295.58		\$9,447,125.34
	<b>Grand Totals</b>	\$15,128,861.00	\$15,874.00	\$15,144,735.00	\$909,249.48	\$302,219.08	\$9,668,220.34	\$5,174,295.58		\$9,447,125.34



# Revenue Budget Performance Report

Fiscal Year to Date 09/30/21

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	<b>FA - Water Board - Water</b>									
	<b>REVENUE</b>									
	<i>Departmental Income</i>									
2122.001	Visual Inspections	42,350.00	.00	42,350.00	7,500.00	.00	46,145.00	(3,795.00)	109	32,522.50
2140.001	District 1	1,671,340.00	.00	1,671,340.00	2,494.93	.00	677,316.91	994,023.09	41	630,891.03
2140.002	District 2	1,967,868.00	.00	1,967,868.00	1,134.06	.00	961,629.44	1,006,238.56	49	946,670.32
2140.003	District 3	1,485,143.00	.00	1,485,143.00	402,219.03	.00	901,056.34	584,086.66	61	842,873.29
2140.004	Non-Resident	23,920.00	.00	23,920.00	5,941.74	.00	28,866.57	(4,946.57)	121	24,426.63
2140.005	Industrial	2,574,781.00	.00	2,574,781.00	450.00	.00	1,061,124.20	1,513,656.80	41	811,278.88
2140.006	Industrial SIU	2,074,065.00	.00	2,074,065.00	.00	.00	1,450,531.47	623,533.53	70	1,123,017.65
2140.008	Hydrant Usage	5,412.00	.00	5,412.00	200.58	.00	5,553.11	(141.11)	103	3,805.96
2140.599	Miscellaneous Departmental Incom	15,000.00	.00	15,000.00	30.00	.00	362.39	14,637.61	2	4,250.00
2141.000	Allowance for Unpaid Trfd	(150,000.00)	.00	(150,000.00)	.00	.00	46,839.66	(196,839.66)	-31	53,921.38
2144.003	Fire Service	94,000.00	.00	94,000.00	.00	.00	.00	94,000.00	0	(45.60)
2144.005	Service Charge	480,822.00	.00	480,822.00	24,640.31	.00	338,501.15	142,320.85	70	338,886.86
2144.006	Lab Analysis	39,220.00	.00	39,220.00	5,260.50	.00	24,677.00	14,543.00	63	32,778.28
2144.008	Missing Meter Charge	40,350.00	.00	40,350.00	1,190.00	.00	20,021.50	20,328.50	50	15,114.00
2144.009	Mtr Install/Reinstall/Reactivate	15,220.00	.00	15,220.00	175.00	.00	3,400.00	11,820.00	22	7,225.00
2144.010	Final Meter Read/Inspect	10,500.00	.00	10,500.00	1,500.00	.00	14,800.00	(4,300.00)	141	11,025.00
2144.011	Hydrant Testing	300.00	.00	300.00	.00	.00	.00	300.00	0	.00
2144.012	Backflow Certification	6,830.00	.00	6,830.00	445.00	.00	7,055.00	(225.00)	103	2,643.48
2144.599	City of NF-Safety Specialist	.00	.00	.00	.00	.00	.00	.00	+++	15,614.84
2148.001	District 1	70,000.00	.00	70,000.00	.00	.00	41,983.39	28,016.61	60	44,847.46
2148.002	District 2	45,092.00	.00	45,092.00	(3.56)	.00	30,023.39	15,068.61	67	28,884.02
2148.003	District 3	48,880.00	.00	48,880.00	24,373.99	.00	62,735.91	(13,855.91)	128	44,451.39
2148.004	Non-Resident	5,000.00	.00	5,000.00	.00	.00	489.17	4,510.83	10	623.09
2148.005	Industrial	16,200.00	.00	16,200.00	.00	.00	8,714.17	7,485.83	54	18,287.33
2148.006	Industrial SIU	6,000.00	.00	6,000.00	.00	.00	8,369.30	(2,369.30)	139	15.86
2148.599	Penalty - Miscellaneous	3,504.00	.00	3,504.00	.02	.00	(21.70)	3,525.70	-1	66.19
	<i>Departmental Income Totals</i>	\$10,591,797.00	\$0.00	\$10,591,797.00	\$477,551.60	\$0.00	\$5,740,173.37	\$4,851,623.63	54%	\$5,034,074.84
	<i>Intergovernmental Charges</i>									
2230.A	City of Niag Falls-Generl	225,817.00	.00	225,817.00	.00	.00	.00	225,817.00	0	33,096.98
	<i>Intergovernmental Charges Totals</i>	\$225,817.00	\$0.00	\$225,817.00	\$0.00	\$0.00	\$0.00	\$225,817.00	0%	\$33,096.98
	<i>Use Of Money &amp; Property</i>									
2401.000	Interest Earnings	90,000.00	.00	90,000.00	(351.69)	.00	2,009.24	87,990.76	2	45,925.27
	<i>Use Of Money &amp; Property Totals</i>	\$90,000.00	\$0.00	\$90,000.00	(\$351.69)	\$0.00	\$2,009.24	\$87,990.76	2%	\$45,925.27
	<i>Licenses And Permits</i>									
2550.006	Cellular Towers	230,000.00	.00	230,000.00	18,465.61	.00	169,098.80	60,901.20	74	168,744.13
2590.004	Hydrant Permits & Rentals	16,800.00	.00	16,800.00	692.57	.00	9,555.14	7,244.86	57	3,977.43
	<i>Licenses And Permits Totals</i>	\$246,800.00	\$0.00	\$246,800.00	\$19,158.18	\$0.00	\$178,653.94	\$68,146.06	72%	\$172,721.56



# Revenue Budget Performance Report

Fiscal Year to Date 09/30/21

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
<b>Fund FA - Water Board - Water</b>										
<b>REVENUE</b>										
<i>Sale Of Prop/Cmp For Loss</i>										
2650.000	Sale Of Scrap	8,000.00	.00	8,000.00	3,077.60	.00	6,504.91	1,495.09	81	1,261.62
2665.000	Sale-Equipment	2,855.00	.00	2,855.00	.00	.00	.00	2,855.00	0	280.00
<i>Sale Of Prop/Cmp For Loss Totals</i>		\$10,855.00	\$0.00	\$10,855.00	\$3,077.60	\$0.00	\$6,504.91	\$4,350.09	60%	\$1,541.62
<i>Misc Local Sources</i>										
2701.000	Refund Appro Exp Prior Yr	.00	.00	.00	.00	.00	(674.70)	674.70	+++	.00
2770.001	NSF Check Charge	5,000.00	.00	5,000.00	1,015.00	.00	5,985.00	(985.00)	120	7,560.00
2770.599	Undesignated	10,500.00	.00	10,500.00	1,645.76	.00	2,507.64	7,992.36	24	1,642.34
<i>Misc Local Sources Totals</i>		\$15,500.00	\$0.00	\$15,500.00	\$2,660.76	\$0.00	\$7,817.94	\$7,682.06	50%	\$9,202.34
<b>REVENUE TOTALS</b>		\$11,180,769.00	\$0.00	\$11,180,769.00	\$502,096.45	\$0.00	\$5,935,159.40	\$5,245,609.60	53%	\$5,296,562.61
<b>Fund FA - Water Board - Water Totals</b>		\$11,180,769.00	\$0.00	\$11,180,769.00	\$502,096.45	\$0.00	\$5,935,159.40	\$5,245,609.60		\$5,296,562.61
<b>Fund GA - Water Board - Sewer</b>										
<b>REVENUE</b>										
<i>Departmental Income</i>										
2120.001	District 1	2,146,410.00	.00	2,146,410.00	3,303.19	.00	898,165.87	1,248,244.13	42	850,225.83
2120.002	District 2	2,514,064.00	.00	2,514,064.00	1,501.55	.00	1,276,250.25	1,237,813.75	51	1,252,525.58
2120.003	District 3	1,862,688.00	.00	1,862,688.00	539,132.59	.00	1,208,116.16	654,571.84	65	1,132,059.54
2120.005	Industrial CSIRU	4,035,200.00	.00	4,035,200.00	.00	.00	1,364,321.73	2,670,878.27	34	1,008,810.03
2120.006	Industrial SIU	8,365,632.00	.00	8,365,632.00	1,021,061.39	.00	4,729,188.15	3,636,443.85	57	6,023,099.92
2120.007	Waste Hauler Fees	3,000.00	.00	3,000.00	.00	.00	3,225.00	(225.00)	108	3,809.29
2120.008	Hydrant Usage	6,656.00	.00	6,656.00	265.56	.00	7,879.38	(1,223.38)	118	5,867.20
2120.102	Town Of Niagara	675,000.00	.00	675,000.00	.00	.00	473,622.91	201,377.09	70	589,266.54
2122.001	Visual Inspections	.00	.00	.00	.00	.00	.00	.00	+++	60.00
2122.002	Dye Tests	41,102.00	.00	41,102.00	7,500.00	.00	46,145.00	(5,043.00)	112	32,462.50
2128.001	District 1	84,090.00	.00	84,090.00	.00	.00	54,863.94	29,226.06	65	59,040.38
2128.002	District 2	60,870.00	.00	60,870.00	(4.42)	.00	39,702.75	21,167.25	65	37,745.40
2128.003	District 3	68,300.00	.00	68,300.00	32,308.85	.00	82,455.29	(14,155.29)	121	58,507.68
2128.005	Industrial	15,000.00	.00	15,000.00	.00	.00	10,305.74	4,694.26	69	26,046.33
2128.006	Industrial SIU	19,100.00	.00	19,100.00	.00	.00	12,701.96	6,398.04	67	3,660.41
2141.000	Allowance for Unpaid Trfd	20,715.00	.00	20,715.00	.00	.00	61,324.51	(40,609.51)	296	70,540.98
<i>Departmental Income Totals</i>		\$19,917,827.00	\$0.00	\$19,917,827.00	\$1,605,068.71	\$0.00	\$10,268,268.64	\$9,649,558.36	52%	\$11,153,727.61
<i>Use Of Money &amp; Property</i>										
2401.000	Interest Earnings	80,500.00	.00	80,500.00	(260.26)	.00	1,486.86	79,013.14	2	33,985.27
<i>Use Of Money &amp; Property Totals</i>		\$80,500.00	\$0.00	\$80,500.00	(\$260.26)	\$0.00	\$1,486.86	\$79,013.14	2%	\$33,985.27
<i>Licenses And Permits</i>										
2590.006	SIU 5-Yr Permits	6,250.00	.00	6,250.00	.00	.00	1,000.00	5,250.00	16	5,000.00
<i>Licenses And Permits Totals</i>		\$6,250.00	\$0.00	\$6,250.00	\$0.00	\$0.00	\$1,000.00	\$5,250.00	16%	\$5,000.00
<i>Fines And Forfeits</i>										
2620.000	Forfeitures Of Deposits	800.00	.00	800.00	.00	.00	.00	800.00	0	450.00



# Revenue Budget Performance Report

Fiscal Year to Date 09/30/21

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	<b>GA - Water Board - Sewer</b>									
	<b>REVENUE</b>									
	<i>Fines And Forfeits Totals</i>	\$800.00	\$0.00	\$800.00	\$0.00	\$0.00	\$0.00	\$800.00	0%	\$450.00
	<i>Sale Of Prop/Cmp For Loss</i>									
2650.000	Sale Of Scrap	2,350.00	.00	2,350.00	.00	.00	.00	2,350.00	0	1,253.51
2680.000	Insurance Recoveries	.00	.00	.00	.00	.00	.00	.00	+++	(26,979.30)
2690.001	Damages to WB Property	84,525.00	.00	84,525.00	.00	.00	.00	84,525.00	0	131,580.10
	<i>Sale Of Prop/Cmp For Loss Totals</i>	\$86,875.00	\$0.00	\$86,875.00	\$0.00	\$0.00	\$0.00	\$86,875.00	0%	\$105,854.31
	<i>Misc Local Sources</i>									
2701.000	Refund Appro Exp Prior Yr	(7,800.00)	.00	(7,800.00)	(2,062.25)	.00	(39,455.88)	31,655.88	506	1,520.03
2770.599	Undesignated	.00	.00	.00	.00	.00	21,897.40	(21,897.40)	+++	.00
	<i>Misc Local Sources Totals</i>	(\$7,800.00)	\$0.00	(\$7,800.00)	(\$2,062.25)	\$0.00	(\$17,558.48)	\$9,758.48	225%	\$1,520.03
	<b>REVENUE TOTALS</b>	\$20,084,452.00	\$0.00	\$20,084,452.00	\$1,602,746.20	\$0.00	\$10,253,197.02	\$9,831,254.98	51%	\$11,300,537.22
Fund	<b>GA - Water Board - Sewer Totals</b>	\$20,084,452.00	\$0.00	\$20,084,452.00	\$1,602,746.20	\$0.00	\$10,253,197.02	\$9,831,254.98		\$11,300,537.22
Fund	<b>VFG - Plant Fund</b>									
	<b>REVENUE</b>									
	<i>Use Of Money &amp; Property</i>									
2401.000	Interest Earnings	1,100,000.00	.00	1,100,000.00	(1,641.60)	.00	262,274.53	837,725.47	24	214,364.72
	<i>Use Of Money &amp; Property Totals</i>	\$1,100,000.00	\$0.00	\$1,100,000.00	(\$1,641.60)	\$0.00	\$262,274.53	\$837,725.47	24%	\$214,364.72
	<i>Misc Local Sources</i>									
2770.000	Other Unclassif'd Revenue	.00	.00	.00	.00	.00	1,146.16	(1,146.16)	+++	.00
	<i>Misc Local Sources Totals</i>	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$1,146.16	(\$1,146.16)	+++	\$0.00
	<i>Proceeds Of Obligations</i>									
4990.000	Grant Revenue	.00	.00	.00	.00	.00	2,247,241.22	(2,247,241.22)	+++	266,928.10
	<i>Proceeds Of Obligations Totals</i>	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$2,247,241.22	(\$2,247,241.22)	+++	\$266,928.10
	<b>REVENUE TOTALS</b>	\$1,100,000.00	\$0.00	\$1,100,000.00	(\$1,641.60)	\$0.00	\$2,510,661.91	(\$1,410,661.91)	228%	\$481,292.82
Fund	<b>VFG - Plant Fund Totals</b>	\$1,100,000.00	\$0.00	\$1,100,000.00	(\$1,641.60)	\$0.00	\$2,510,661.91	(\$1,410,661.91)		\$481,292.82
	<b>Grand Totals</b>	\$32,365,221.00	\$0.00	\$32,365,221.00	\$2,103,201.05	\$0.00	\$18,699,018.33	\$13,666,202.67		\$17,078,392.65



# Expense Budget Performance Report

Fiscal Year to Date 09/30/21

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	<b>FGB - Water Board</b>									
	<b>EXPENSE</b>									
	<i>Contractual Expenses</i>									
0419.599	Undesignated Supplies	2,000.00	.00	2,000.00	508.07	.00	2,955.29	(955.29)	148	3,234.38
0449.000	Billing & Collection	.00	.00	.00	.00	.00	.00	.00	+++	11,893.44
0451.000	Consultants	35,000.00	.00	35,000.00	250.00	.00	59,957.07	(24,957.07)	171	1,450.00
0454.000	Attorney Services	100,000.00	(200.00)	99,800.00	412.20	.00	27,082.70	72,717.30	27	191,223.41
0459.000	Auditors	28,000.00	.00	28,000.00	9,838.50	.00	32,838.50	(4,838.50)	117	31,785.32
0461.000	Postage	250.00	200.00	450.00	.00	.00	22.04	427.96	5	.00
0466.000	Books,Mags. & Memberships	7,050.00	.00	7,050.00	.00	.00	4,509.00	2,541.00	64	4,014.00
	<i>Contractual Expenses Totals</i>	\$172,300.00	\$0.00	\$172,300.00	\$11,008.77	\$0.00	\$127,364.60	\$44,935.40	74%	\$243,600.55
	<b>EXPENSE TOTALS</b>	\$172,300.00	\$0.00	\$172,300.00	\$11,008.77	\$0.00	\$127,364.60	\$44,935.40	74%	\$243,600.55
Fund	<b>FGB - Water Board Totals</b>	\$172,300.00	\$0.00	\$172,300.00	\$11,008.77	\$0.00	\$127,364.60	\$44,935.40		\$243,600.55
	<b>Grand Totals</b>	\$172,300.00	\$0.00	\$172,300.00	\$11,008.77	\$0.00	\$127,364.60	\$44,935.40		\$243,600.55



# Expense Budget Performance Report

Fiscal Year to Date 09/30/21

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	<b>FA - Water Board - Water</b>									
	<b>EXPENSE</b>									
	<i>Personnel - Position Control</i>									
0110.000	Biweekly Payroll	2,429,005.00	.00	2,429,005.00	153,959.62	.00	1,528,853.33	900,151.67	63	1,580,283.05
0153.000	Stipend	4,925.00	.00	4,925.00	922.96	.00	6,806.58	(1,881.58)	138	4,479.65
	<i>Personnel - Position Control Totals</i>	<b>\$2,433,930.00</b>	<b>\$0.00</b>	<b>\$2,433,930.00</b>	<b>\$154,882.58</b>	<b>\$0.00</b>	<b>\$1,535,659.91</b>	<b>\$898,270.09</b>	<b>63%</b>	<b>\$1,584,762.70</b>
	<i>Personnel Services</i>									
0111.000	Biweekly Comp Differential	.00	.00	.00	.00	.00	.00	.00	+++	874.00
0125.000	Insurance OPT Out	66,872.00	.00	66,872.00	4,471.06	.00	41,966.05	24,905.95	63	43,015.16
0130.000	Temporary Payroll	22,650.00	(4,180.00)	18,470.00	3,560.00	.00	10,873.38	7,596.62	59	38,750.73
0140.000	Overtime	75,319.00	.00	75,319.00	6,560.19	.00	54,867.22	20,451.78	73	60,831.41
0150.000	Acting Next-In-Rank Pay	.00	.00	.00	432.30	.00	432.30	(432.30)	+++	453.00
0151.A	Sunday Contractual Pay	14,385.00	.00	14,385.00	1,239.18	.00	11,664.64	2,720.36	81	10,922.02
0152.000	Shift Premium Pay	.00	.00	.00	45.93	.00	277.36	(277.36)	+++	175.47
0155.A	Holiday Contractual Pay	6,950.00	.00	6,950.00	920.30	.00	4,515.72	2,434.28	65	4,254.51
0155.000	Holiday Pay	.00	.00	.00	9,248.00	.00	52,269.11	(52,269.11)	+++	53,847.68
0165.000	Military Leave	.00	.00	.00	.00	.00	.00	.00	+++	181.98
0170.000	Overtime Meals	2,505.00	.00	2,505.00	169.50	.00	1,439.25	1,065.75	57	1,485.25
0181.000	Vacation Pay	.00	.00	.00	16,052.59	.00	128,648.85	(128,648.85)	+++	113,622.85
0182.000	Personal Time	.00	.00	.00	3,562.32	.00	8,424.63	(8,424.63)	+++	4,112.09
0183.000	Compensatory Time Off	.00	.00	.00	42.15	.00	2,322.83	(2,322.83)	+++	2,347.35
0184.000	Funeral Leave	.00	.00	.00	660.56	.00	3,562.24	(3,562.24)	+++	1,344.71
0186.000	Call-In Time	6,475.00	.00	6,475.00	405.26	.00	5,247.44	1,227.56	81	3,999.73
0189.000	Sick Leave	.00	.00	.00	4,460.60	.00	63,426.81	(63,426.81)	+++	45,791.50
0190.000	Vacation Cash Conversion	5,329.00	.00	5,329.00	.00	.00	2,431.92	2,897.08	46	2,407.84
	<i>Personnel Services Totals</i>	<b>\$200,485.00</b>	<b>(\$4,180.00)</b>	<b>\$196,305.00</b>	<b>\$51,829.94</b>	<b>\$0.00</b>	<b>\$392,369.75</b>	<b>(\$196,064.75)</b>	<b>200%</b>	<b>\$388,417.28</b>
	<i>Capital Outlays</i>									
0210.000	Furniture & Furnishings	500.00	5,000.00	5,500.00	2,386.25	.00	3,630.74	1,869.26	66	.00
0220.000	Office Equipment	500.00	.00	500.00	.00	.00	.00	500.00	0	.00
0230.000	Motor Vehicle Equipment	86,000.00	.00	86,000.00	.00	.00	1,999.00	84,001.00	2	.00
0250.000	Other Equipment	28,000.00	(2,500.00)	25,500.00	16,843.35	5,325.57	16,904.10	3,270.33	87	.00
0250.007	Computer Equipment	25,500.00	.00	25,500.00	.00	4,850.91	2,717.68	17,931.41	30	13,377.91
0250.500	Safety Equipment	7,957.00	(5,000.00)	2,957.00	.00	.00	2,116.93	840.07	72	5,953.07
	<i>Capital Outlays Totals</i>	<b>\$148,457.00</b>	<b>(\$2,500.00)</b>	<b>\$145,957.00</b>	<b>\$19,229.60</b>	<b>\$10,176.48</b>	<b>\$27,368.45</b>	<b>\$108,412.07</b>	<b>26%</b>	<b>\$19,330.98</b>
	<i>Contractual Expenses</i>									
0411.000	Office Supplies	15,200.00	(1,000.00)	14,200.00	60.68	939.32	4,968.98	8,291.70	42	5,638.74
0412.000	Uniforms	2,050.00	.00	2,050.00	.00	.00	1,183.00	867.00	58	580.31
0413.000	Safety Shoes	8,200.00	.00	8,200.00	.00	.00	3,629.89	4,570.11	44	2,842.49
0414.000	Automotive-Gas,Oil,Grease	45,000.00	.00	45,000.00	4,273.34	1,366.97	28,747.29	14,885.74	67	10,214.08
0415.000	Fuel Oil	30,000.00	.00	30,000.00	.00	.00	8,083.56	21,916.44	27	.00
0416.000	Consumable Printed Forms	700.00	.00	700.00	.00	.00	624.92	75.08	89	280.70





# Expense Budget Performance Report

Fiscal Year to Date 09/30/21

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	<b>FA - Water Board - Water</b>									
	<b>EXPENSE</b>									
	<i>Contractual Expenses</i>									
0417.000	Tool Allowance	150.00	.00	150.00	.00	.00	.00	150.00	0	.00
0419.001	Automotive Parts	20,000.00	.00	20,000.00	2,331.00	1,876.54	12,675.86	5,447.60	73	23,964.41
0419.003	Cleaning/Sanitary	5,000.00	.00	5,000.00	.00	2,022.80	1,902.40	1,074.80	79	909.91
0419.005	Tools & Machine Parts	77,500.00	.00	77,500.00	6,108.13	8,635.46	41,734.28	27,130.26	65	49,620.20
0419.006	Construction/Repair	174,000.00	.00	174,000.00	22,702.35	7,097.44	120,388.36	46,514.20	73	105,157.36
0419.009	Misc Chemicals	361,000.00	.00	361,000.00	20,015.24	61,129.02	254,821.05	45,049.93	88	230,557.98
0419.010	Laboratory	31,000.00	.00	31,000.00	1,038.39	6,593.75	13,365.62	11,040.63	64	21,768.98
0419.599	Undesignated Supplies	9,450.00	.00	9,450.00	166.22	1,360.12	4,140.13	3,949.75	58	3,947.74
0421.001	Phone Extension Chgs	25,000.00	.00	25,000.00	1,892.58	.00	14,978.80	10,021.20	60	16,023.52
0421.002	Wireless Services	16,000.00	.00	16,000.00	1,122.53	.00	9,126.45	6,873.55	57	8,662.75
0422.000	Light & Power	500,000.00	.00	500,000.00	40,463.39	.00	423,946.36	76,053.64	85	386,996.14
0423.000	Water/Sewer	698,000.00	.00	698,000.00	.00	.00	339,221.88	358,778.12	49	345,592.94
0424.000	Gas	20,000.00	.00	20,000.00	18.04	.00	10,543.51	9,456.49	53	10,078.99
0432.000	Property Insurance	85,000.00	.00	85,000.00	.00	.00	.00	85,000.00	0	.00
0433.000	Liability Insurance	65,500.00	.00	65,500.00	.00	.00	97,052.95	(31,552.95)	148	89,816.45
0440.003	Motor Vehicle Equipment	84,000.00	.00	84,000.00	7,169.65	.00	57,268.77	26,731.23	68	59,070.64
0440.599	Undesignated Leases	1,050.00	.00	1,050.00	180.27	.00	942.07	107.93	90	903.99
0441.000	Rental Of Real Property	.00	.00	.00	.00	.00	24.00	(24.00)	+++	48.00
0442.000	Rental Of Equipment	4,000.00	.00	4,000.00	353.35	.00	2,695.96	1,304.04	67	2,675.83
0442.003	Motor Vehicle Equip Rentl	5,000.00	8,306.00	13,306.00	494.50	.00	8,010.88	5,295.12	60	3,543.12
0442.599	Undesignated Rentals	5,000.00	.00	5,000.00	136.00	799.34	1,579.98	2,620.68	48	2,007.61
0444.000	Repair Of Equipment	23,700.00	194.00	23,894.00	795.30	743.12	6,676.52	16,474.36	31	8,744.18
0446.000	Computer Services	4,000.00	.00	4,000.00	349.97	.00	3,149.74	850.26	79	3,149.77
0446.008	Software Maint/Licenses	335,000.00	(20,000.00)	315,000.00	9,504.89	33,951.54	271,788.89	9,259.57	97	138,984.16
0449.000	Billing & Collection	42,500.00	.00	42,500.00	6,859.43	.00	34,297.13	8,202.87	81	32,531.36
0449.001	Sludge Removal	80,000.00	.00	80,000.00	.00	.00	.00	80,000.00	0	.00
0449.003	Waste Disposal	.00	.00	.00	.00	.00	.00	.00	+++	427.78
0449.500	Safety-Contractual	1,300.00	5,000.00	6,300.00	55.00	2,483.25	2,768.75	1,048.00	83	991.50
0449.599	Undesignated Services	830,000.00	(1,694.00)	828,306.00	50,632.09	4,596.56	797,650.00	26,059.44	97	753,030.12
0451.000	Consultants	63,000.00	.00	63,000.00	1,551.00	1,399.49	38,513.57	23,086.94	63	37,744.06
0454.000	Attorney Services	50,000.00	.00	50,000.00	5,934.14	.00	39,051.27	10,948.73	78	35,324.64
0461.000	Postage	20,000.00	.00	20,000.00	1,031.09	.00	23,997.79	(3,997.79)	120	12,373.90
0463.000	Travel & Training Expense	13,800.00	.00	13,800.00	1,720.00	.00	3,888.45	9,911.55	28	5,859.99
0465.000	Laundry & Cleaning	3,000.00	.00	3,000.00	.00	.00	980.53	2,019.47	33	.00
0467.000	Advertising	500.00	.00	500.00	50.68	.00	274.96	225.04	55	142.30
0471.000	Recruitment Expenditures	800.00	.00	800.00	.00	.00	225.00	575.00	28	458.98
	<i>Contractual Expenses Totals</i>	\$3,755,400.00	(\$9,194.00)	\$3,746,206.00	\$187,009.25	\$134,994.72	\$2,684,919.55	\$926,291.73	75%	\$2,410,665.62



# Expense Budget Performance Report

Fiscal Year to Date 09/30/21

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	<b>FA - Water Board - Water</b>									
	<b>EXPENSE</b>									
	<i>Employee Benefits</i>									
0801.000	NYS E.R.S. Retirement	195,817.00	.00	195,817.00	.00	.00	53,377.92	142,439.08	27	47,479.67
0820.000	Worker's Compensation	262,000.00	.00	262,000.00	521.82	.00	210.98	261,789.02	0	4,693.57
0830.000	Life Insurance	8,931.00	.00	8,931.00	.00	.00	6,993.07	1,937.93	78	6,593.14
0840.000	Unemployment Ins. NYS	26,019.00	.00	26,019.00	.00	.00	.00	26,019.00	0	20,768.10
0860.000	Medical Insurance	1,572,882.00	.00	1,572,882.00	113,927.89	.00	1,076,315.64	496,566.36	68	1,077,183.06
0861.000	Dental Insurance	55,305.00	.00	55,305.00	.00	.00	.00	55,305.00	0	.00
0863.000	Vision Care Insurance	4,240.00	.00	4,240.00	.00	.00	2,530.63	1,709.37	60	2,843.40
0865.000	Chiropractic Insurance	2,200.00	.00	2,200.00	.00	.00	1,280.00	920.00	58	640.00
	<i>Employee Benefits Totals</i>	\$2,127,394.00	\$0.00	\$2,127,394.00	\$114,449.71	\$0.00	\$1,140,708.24	\$986,685.76	54%	\$1,160,200.94
	<i>Employee Benefit - FICA</i>									
0810.000	Social Security	215,454.00	.00	215,454.00	15,434.84	.00	144,036.59	71,417.41	67	147,157.57
	<i>Employee Benefit - FICA Totals</i>	\$215,454.00	\$0.00	\$215,454.00	\$15,434.84	\$0.00	\$144,036.59	\$71,417.41	67%	\$147,157.57
	<b>EXPENSE TOTALS</b>	\$8,881,120.00	(\$15,874.00)	\$8,865,246.00	\$542,835.92	\$145,171.20	\$5,925,062.49	\$2,795,012.31	68%	\$5,710,535.09
Fund	<b>FA - Water Board - Water Totals</b>	\$8,881,120.00	(\$15,874.00)	\$8,865,246.00	\$542,835.92	\$145,171.20	\$5,925,062.49	\$2,795,012.31		\$5,710,535.09
	<b>Grand Totals</b>	\$8,881,120.00	(\$15,874.00)	\$8,865,246.00	\$542,835.92	\$145,171.20	\$5,925,062.49	\$2,795,012.31		\$5,710,535.09

# BANK ON BUFFALO & KEYBANK

## BANK BALANCES-FY 2021

MONTH	ACCT #	Account Name	STARTING VALUE	DEPOSITS	WITHDRAWALS	TRANSFERS	NET CHANGE IN VALUE	MONTH ENDING VALUE	PY MONTH ENDING VALUE
JANUARY	X4873	Board Expense Account	91,624.82					91,624.82	91,624.82
	X4881	O&M Reserve	5,028,792.08			(2,637.00)	(2,637.00)	5,026,155.08	5,228,792.08
	X4899	Depository-BOB	2,961,557.56	2,750,721.11		(2,738,957.84)	11,763.27	2,973,320.83	3,699,522.63
	X9220	Depository-Keybank	112,298.69	185,720.12	(316.05)		185,404.07	297,702.76	769,754.41
	X4906	Payroll	185,507.24		(583,953.10)	507,770.17	(76,182.93)	109,324.31	108,880.27
	X4914	Benefits	10,257.50		(5,800.00)	8,423.00	2,623.00	12,880.50	11,081.50
	X0643	Operating	1,079,739.42		(2,432,981.82)	2,225,401.67	(207,580.15)	872,159.27	1,269,790.07
	X4445	Grants	56,308.39					56,308.39	
		Totals	9,526,085.70	2,936,441.23	(3,023,050.97)		(86,609.74)	9,439,475.96	11,179,454.78

MONTH	ACCT #	Account Name	STARTING VALUE	DEPOSITS	WITHDRAWALS	TRANSFERS	NET CHANGE IN VALUE	MONTH ENDING VALUE	PY MONTH ENDING VALUE
FEBRUARY	X4873	Board Expense Account	91,624.82					91,624.82	91,624.82
	X4881	O&M Reserve	5,026,155.08			(2,637.00)	(2,637.00)	5,023,518.08	5,228,792.08
	X4899	Depository	2,973,320.83	2,537,263.19		(3,578,811.03)	(1,041,547.84)	1,931,772.99	4,196,124.61
	X9220	Depository-Keybank	297,702.76	165,912.79	(485.48)	(297,702.76)	(132,276.05)	165,426.71	345,449.74
	X4906	Payroll	109,324.31		(512,528.10)	510,602.35	(1,925.75)	107,398.56	101,539.41
	X4914	Benefits	12,880.50		(9,332.25)	9,332.25	251.00	13,131.50	14,750.50
	X0643	Operating	872,159.27		(3,225,122.66)	3,358,965.19	133,842.53	1,006,001.80	1,079,567.25
	X4445	Grants	56,308.39	569,243.43	(625,550.82)		(56,307.99)	1.00	
		Totals	8,439,475.96	3,272,418.81	(4,373,019.91)		(1,100,600.50)	8,338,875.46	11,057,948.41

MONTH	ACCT #	Account Name	STARTING VALUE	DEPOSITS	WITHDRAWALS	TRANSFERS	NET CHANGE IN VALUE	MONTH ENDING VALUE	PY MONTH ENDING VALUE
MARCH	X4873	Board Expense Account	91,624.82					91,624.82	91,624.82
	X4881	O&M Reserve	5,023,518.08			5,274.00	5,274.00	5,028,792.08	5,228,792.08
	X4899	Depository	1,931,772.99	1,843,465.64		(2,593,574.20)	(750,108.56)	1,181,664.43	3,788,578.48
	X9220	Depository-Keybank	165,426.71	211,040.22	(489.24)	(165,426.71)	45,124.27	210,550.98	36,399.71
	X4906	Payroll	107,398.56		(485,125.70)	483,516.65	(1,609.05)	105,789.51	105,939.77
	X4914	Benefits	13,131.50		(16,431.00)	17,324.00	1,493.00	14,624.50	11,775.48
	X0643	Operating	1,006,001.80		(1,751,566.85)	2,252,286.26	500,719.41	1,506,721.21	929,179.14
	X4445	Grants	1.00	598,754.30			598,754.30	598,755.30	
		Totals	8,338,875.46	2,653,260.16	(2,253,612.79)	(0.00)	389,647.37	8,738,522.83	10,193,240.50

MONTH	ACCT #	Account Name	STARTING VALUE	DEPOSITS	WITHDRAWALS	TRANSFERS	NET CHANGE IN VALUE	MONTH ENDING VALUE	PY MONTH ENDING VALUE
APRIL	X4873	Board Expense Account	91,624.82					91,624.82	91,624.82
	X4881	O&M Reserve	5,028,792.08					5,028,792.08	5,228,792.08
	X4899	Depository	1,181,664.43	3,074,511.54		(2,386,184.03)	689,327.51	1,869,991.94	4,331,033.14
	X9220	Depository-Keybank	210,550.98	161,772.38			161,772.38	372,323.36	175,589.33
	X4906	Payroll	105,789.51		(495,051.12)	498,940.53	3,889.41	109,678.92	107,968.49
	X4914	Benefits	14,624.50		(10,013.00)	8,042.00	(1,971.00)	12,653.50	8,510.50
	X0643	Operating	1,506,721.21		(1,706,271.82)	1,879,201.50	172,929.68	1,679,650.89	892,955.82
	X4445	Grants	598,755.30					598,755.30	
		Totals	8,738,522.83	3,236,283.92	(2,211,355.94)	(0.00)	1,024,947.98	9,763,470.81	9,958,474.18

MONTH	ACCT #	Account Name	STARTING VALUE	DEPOSITS	WITHDRAWALS	TRANSFERS	NET CHANGE IN VALUE	MONTH ENDING VALUE	PY MONTH ENDING VALUE
MAY	X4873	Board Expense Account	91,624.82					91,624.82	91,624.82
	X4881	O&M Reserve	5,028,792.08					5,028,792.08	5,228,792.08
	X4899	Depository	1,869,991.94	2,266,347.08		(2,030,207.49)	236,139.59	2,106,131.53	4,331,033.14
	X9220	Depository-Keybank	372,323.36	119,034.15			119,034.15	491,357.51	262,398.17
	X4906	Payroll	109,678.92		(476,497.93)	473,282.00	(3,215.93)	106,462.99	107,179.50
	X4914	Benefits	12,653.50		(6,693.00)	5,501.00	(1,192.00)	11,461.50	5,117.50
	X0643	Operating	1,679,650.89		(1,937,028.38)	1,551,424.49	(385,603.89)	1,294,047.00	1,401,207.08
	X4445	Grants	598,755.30					598,754.30	
		Totals	9,763,470.81	2,385,381.23	(3,018,973.61)	0.00	(633,592.38)	9,129,878.43	11,427,815.17

MONTH	ACCT #	Account Name	STARTING VALUE	DEPOSITS	WITHDRAWALS	TRANSFERS	NET CHANGE IN VALUE	MONTH ENDING VALUE	PY MONTH ENDING VALUE
JUNE	X4873	Board Expense Account	91,624.82					91,624.82	91,624.82
	X4881	O&M Reserve	5,028,792.08					5,028,792.08	5,228,792.08
	X4899	Depository	2,106,131.53	2,001,721.25		(3,176,858.13)	(1,175,136.88)	930,994.65	2,447,022.78
	X9220	Depository-Keybank	491,357.51	124,382.84			124,382.84	615,740.35	337,756.93
	X4906	Payroll	106,462.99		(653,449.26)	1,016,730.46	363,281.18	469,744.17	363,619.29
	X4914	Benefits	11,461.50		(15,120.00)	17,063.00	1,943.00	13,404.50	5,943.50
	X0643	Operating	1,294,047.00		(2,492,827.79)	2,143,064.67	(349,763.12)	944,283.88	915,524.72
	X4445	Grants	1.00	772,435.29			772,435.29	772,436.29	
		Totals	9,129,878.43	2,898,539.38	(3,161,397.07)	(0.00)	(262,857.69)	8,867,020.74	9,052,527.19

MONTH	ACCT #	Account Name	STARTING VALUE	DEPOSITS	WITHDRAWALS	TRANSFERS	NET CHANGE IN VALUE	MONTH ENDING VALUE	PY MONTH ENDING VALUE
JULY	X4873	Board Expense Account	91,624.82					91,624.82	91,624.82
	X4881	O&M Reserve	5,028,792.08					5,028,792.08	5,228,792.08
	X4899	Depository	930,994.65	4,824,691.59		(2,536,562.90)	2,288,128.69	3,219,123.34	3,820,240.77
	X9220	Depository-Keybank	615,740.35	166,082.06			166,082.06	781,822.41	337,756.93
	X4906	Payroll	469,744.17		(603,871.87)	259,018.47	(344,853.40)	124,890.77	116,187.18
	X4914	Benefits	13,404.50		(7,353.00)	8,076.00	723.00	14,127.50	8,971.50
	X0643	Operating	944,283.88		(2,282,022.99)	2,269,468.43	(12,554.56)	931,729.32	864,877.52
	X4445	Grants	772,436.29					772,436.29	
		Totals	8,867,020.74	4,990,773.65	(2,893,247.86)	0.00	2,097,525.79	10,964,546.53	8,468,450.80

MONTH	ACCT #	Account Name	STARTING VALUE	DEPOSITS	WITHDRAWALS	TRANSFERS	NET CHANGE IN VALUE	MONTH ENDING VALUE	PY MONTH ENDING VALUE
AUGUST	X4873	Board Expense Account	91,624.82					91,624.82	91,624.82
	X4881	O&M Reserve	5,028,792.08					5,028,792.08	5,228,792.08
	X4899	Depository	3,219,123.34	4,296,321.65		(6,587.01)	(2,409,590.37)	5,099,267.61	4,115,642.21
	X9220	Depository-Keybank	781,822.41	223,081.33			223,081.33	1,004,903.74	223,451.09
	X4906	Payroll	124,890.77		(520,824.56)	509,684.28	(11,140.28)	113,750.49	106,226.34
	X4914	Benefits	14,127.50		(12,291.00)	11,777.00	(514.00)	13,613.50	4,278.50
	X0643	Operating	931,729.32		(1,909,474.12)	1,888,129.09	(21,345.03)	910,384.29	880,604.45
	X4445	Grants	772,436.29	876,051.63			876,051.63	1,648,487.92	266,928.11
		Totals	10,964,546.53	5,395,454.61	(2,449,176.09)		2,946,277.92	13,910,824.45	9,219,547.60

MONTH	ACCT #	Account Name	STARTING VALUE	DEPOSITS	WITHDRAWALS	TRANSFERS	NET CHANGE IN VALUE	MONTH ENDING VALUE	PY MONTH ENDING VALUE
SEPTEMBER	X4873	Board Expense Account	91,624.82					91,624.82	91,624.82
	X4881	O&M Reserve	5,028,792.08					5,028,792.08	5,228,792.08
	X4899	Depository	5,099,267.61	1,609,520.90		(4,640.41)	(2,039,127.20)	4,665,020.90	4,860,948.49
	X9220	Depository-Keybank	1,004,903.74	134,520.35			134,520.35	1,139,424.09	227,578.67
	X4906	Payroll	113,750.49		(528,228.28)	531,683.20	3,454.92	117,205.41	107,929.16
	X4914	Benefits	13,613.50		(15,337.75)	13,106.00	(2,231.75)	11,381.75	15,312.16
	X0643	Operating	910,384.29		(1,175,256.47)	1,494,338.00	319,081.53	1,229,465.82	861,692.76
	X4445	Grants	1,648,487.92					1,648,487.92	266,928.11
		Totals	13,910,824.45	1,744,041.25	(1,723,462.91)		20,578.34	13,931,402.79	11,606,066.25

# BANK ON BUFFALO- 2643

## Treasury Reconciliation FY 2021

MONTH	STARTING VALUE	DEPOSITS/WITHDRAWALS	TRANSFERS	NET CHANGE IN VALUE	MONTH ENDING VALUE	PY MONTH ENDING VALUE
JAN	17,503,800.30	-	-	(5,802.15)	17,497,998.15	21,632,403.94
FEB	17,497,998.15	(2,853.35)	-	2,740.10	17,497,884.90	21,678,437.43
MAR	17,497,884.90	(10,054.95)	-	8,536.63	17,496,366.58	21,793,908.42
APR	17,496,366.58	(12,723.72)	-	4,836.30	17,488,479.16	21,792,858.07
MAY	17,488,479.16	(15,283.23)	-	(3,177.87)	17,470,018.06	21,811,712.29
JUN	17,470,018.06	(3,513.77)	(2,000,000.00)	5,489.59	15,471,993.88	21,871,514.43
JUL	15,471,993.88	(10,045.37)	-	(3,982.17)	15,457,966.34	21,858,748.94
AUG	15,457,966.34	(2,818.93)	-	6,487.75	15,461,635.16	21,871,514.43
SEP	15,461,635.16	(9,399.81)	-	(2,253.55)	15,449,981.80	21,882,095.03
OCT						
NOV						
DEC		(66,693.13)	(2,000,000.00)	12,874.63		

FY TOTAL

Wilmington Trust

BANK BALANCES-FY 2021

MONTH	ACCT #	Account Name	STARTING VALUE	DEPOSITS	Payments	Transfer to Operating	Change in Market Value	NET CHANGE IN VALUE	MONTH ENDING VALUE
JANUARY	X3250	Debt Service	6,636,484.39	669,894.03	(1,454,473.55)	-	6,563.07	(778,016.45)	5,858,467.94
	X3251	Construction	866.38	-	-	-	0.01	0.01	866.39
	X3252	Debt Service Reserve	8,741,079.26	-	-	-	29,754.06	29,754.06	8,770,833.32
	X9279	Expense Account	16,079.32	-	-	-	-	-	16,079.32
	X2722	Capital Fund Construction	2,554,504.44	-	-	-	21.70	21.70	2,554,526.14
		Totals	17,949,013.79	669,894.03	(1,454,473.55)	-	36,338.84	(748,240.68)	17,200,773.11

MONTH	ACCT #	Account Name	STARTING VALUE	DEPOSITS	Payments	Transfer to Operating	Change in Market Value	NET CHANGE IN VALUE	MONTH ENDING VALUE
FEBRUARY	X3250	Debt Service	5,858,467.94	668,394.03	(1,500.00)	-	3,318.37	670,212.40	6,528,680.34
	X3251	Construction	866.39	-	-	-	0.01	0.01	866.40
	X3252	Debt Service Reserve	8,770,833.32	-	-	-	27,048.63	27,048.63	8,797,881.95
	X9279	Expense Account	16,079.32	-	-	-	-	-	16,079.32
	X2722	Capital Fund Construction	2,554,526.14	625,550.82	(1,586,708.36)	-	9.82	(961,147.72)	1,593,378.42
		Totals	17,200,773.11	1,293,944.85	(1,588,208.36)	-	30,376.83	(263,886.68)	16,936,886.43

MONTH	ACCT #	Account Name	STARTING VALUE	DEPOSITS	Payments	Transfer to Operating	Change in Market Value	NET CHANGE IN VALUE	MONTH ENDING VALUE
MARCH	X3250	Debt Service	6,528,680.34	666,894.03	-	-	5,907.95	672,801.98	7,201,482.32
	X3251	Construction	866.40	-	-	-	0.01	0.01	866.41
	X3252	Debt Service Reserve	8,797,881.95	-	-	-	29,946.69	29,946.69	8,827,828.64
	X9279	Expense Account	16,079.32	-	-	-	-	-	16,079.32
	X2722	Capital Fund Construction	1,593,378.42	-	(517,937.97)	-	11.34	(517,926.63)	1,075,451.79
		Totals	16,936,886.43	666,894.03	(517,937.97)	-	35,865.99	184,822.05	17,121,708.48

MONTH	ACCT #	Account Name	STARTING VALUE	DEPOSITS	Payments	Transfer to Operating	Change in Market Value	NET CHANGE IN VALUE	MONTH ENDING VALUE
APRIL	X3250	Debt Service	7,201,482.32	666,894.03	-	-	17,737.81	684,631.84	7,886,114.16
	X3251	Construction	866.41	-	-	-	0.01	0.01	866.42
	X3252	Debt Service Reserve	8,827,828.64	-	-	-	28,980.68	28,980.68	8,856,809.32
	X9279	Expense Account	16,079.32	-	-	-	-	-	16,079.32
	X2722	Capital Fund Construction	1,075,451.79	-	(337,629.55)	-	8.47	(337,621.08)	737,830.71
		Totals	17,121,708.48	666,894.03	(337,629.55)	-	46,726.97	375,991.45	17,497,699.93

MONTH	ACCT #	Account Name	STARTING VALUE	DEPOSITS	Payments	Transfer to Operating	Change in Market Value	NET CHANGE IN VALUE	MONTH ENDING VALUE
MAY	X3250	Debt Service	7,886,114.16	666,894.03	(257,492.22)	-	14,544.43	423,946.24	8,310,060.40
	X3251	Construction	866.42	-	-	-	0.01	0.01	866.43
	X3252	Debt Service Reserve	8,856,809.32	-	-	-	29,927.32	29,927.32	8,886,736.64
	X9279	Expense Account	16,079.32	-	-	-	-	-	16,079.32
	X2722	Capital Fund Construction	737,830.71	598,754.30	(1,259,055.14)	-	4.97	(660,295.87)	77,534.84
		Totals	17,497,699.93	1,265,648.33	(1,516,547.36)	-	44,476.73	(206,422.30)	17,291,277.63

MONTH	ACCT #	Account Name	STARTING VALUE	DEPOSITS	Payments	Transfer to Operating	Change in Market Value	NET CHANGE IN VALUE	MONTH ENDING VALUE
JUNE	X3250	Debt Service	8,310,060.40	666,674.70	-	-	1,803.99	668,478.69	8,978,539.09
	X3251	Construction	866.43	-	-	-	0.01	0.01	866.44
	X3252	Debt Service Reserve	8,886,736.64	-	-	-	28,955.80	28,955.80	8,915,692.44
	X9279	Expense Account	16,079.32	-	-	-	-	-	16,079.32
	X2722	Capital Fund Construction	77,534.84	2,000,000.00	(18,070.27)	-	13.20	1,981,942.93	2,059,477.77
		Totals	17,291,277.63	2,666,674.70	(18,070.27)	-	30,773.00	2,679,377.43	19,970,655.06

MONTH	ACCT #	Account Name	STARTING VALUE	DEPOSITS	Payments	Transfer to Operating	Change in Market Value	NET CHANGE IN VALUE	MONTH ENDING VALUE
JULY	X3250	Debt Service	8,978,539.09	666,674.70	(5,303,798.55)	-	2,112.94	(4,635,010.91)	4,343,528.18
	X3251	Construction	866.44	-	-	-	0.01	0.01	866.45
	X3252	Debt Service Reserve	8,915,692.44	1,146.16	-	-	26,203.51	27,349.67	8,943,042.11
	X9279	Expense Account	16,079.32	-	-	-	-	-	16,079.32
	X2722	Capital Fund Construction	2,059,477.77	1,584,352.19	(582,567.28)	-	21.17	1,051,806.08	3,111,283.85
		Totals	19,970,655.06	2,252,173.05	(5,836,365.83)	-	28,337.63	(3,555,855.15)	16,414,799.91

MONTH	ACCT #	Account Name	STARTING VALUE	DEPOSITS	Payments	Transfer to Operating	Change in Market Value	NET CHANGE IN VALUE	MONTH ENDING VALUE
AUGUST	X3250	Debt Service	4,343,528.18	662,805.68	-	-	3,298.88	666,104.56	5,009,632.74
	X3251	Construction	866.45	-	-	-	0.01	0.01	866.46
	X3252	Debt Service Reserve	8,943,042.11	-	-	(2,226,380.91)	23,517.46	(2,202,863.45)	6,740,178.66
	X9279	Expense Account	16,079.32	-	-	-	-	-	16,079.32
	X2722	Capital Fund Construction	3,111,283.85	-	(530,367.06)	-	24.77	(530,342.29)	2,580,941.56
		Totals	16,414,799.91	662,805.68	(530,367.06)	(2,226,380.91)	26,841.12	(2,067,101.17)	14,347,698.74

MONTH	ACCT #	Account Name	STARTING VALUE	DEPOSITS	Payments	Transfer to Operating	Change in Market Value	NET CHANGE IN VALUE	MONTH ENDING VALUE
SEPTEMBER	X3250	Debt Service	5,009,632.74	665,805.68	(3,000.00)	-	5,009.38	667,815.06	5,677,447.80
	X3251	Construction	866.46	-	-	-	0.01	0.01	866.47
	X3252	Debt Service Reserve	6,740,178.66	-	-	-	22,741.70	22,741.70	6,762,920.36
	X9279	Expense Account	16,079.32	-	-	-	-	-	16,079.32
	X2722	Capital Fund Construction	2,580,941.56	-	(32,981.95)	-	21.18	(32,960.77)	2,547,980.79
		Totals	14,347,698.74	665,805.68	(35,981.95)	-	27,772.27	657,596.00	15,005,294.74

BANK PAID DATE	Req #	Invoice Date	PP # of #	VENDOR	Project Name	DESCRIPTION	INVOICE	AMOUNT	CIP FUNDING ACCOUNT
9/27/2021	2021-139	6/17/2021	2	CPL	Sediment Basins & Scum Removal	Professional Services & Consultants	75975	\$ 32,981.95	WWTP-1

NFWB Live  
**Budget Amendments Report**  
 From Date: 9/1/2021 - To Date: 9/30/2021

Account	G/L Date	Journal	Description	Increases	Decreases	Amended Balance
Fund: FA Water Board - Water						
Department: 8310 Water						
Sub Department: 0001 Administration						
0210.000 - Furniture & Furnishings				Amended Balance as of: 9/1/2021		\$500.00
	09/29/2021	2021-00003056	TO COVER FURNITURE FOR SEAN'S OFFICE	\$1,000.00	\$0.00	\$4,000.00
				\$1,000.00	\$0.00	\$1,500.00
0411.000 - Office Supplies				Amended Balance as of: 9/1/2021		\$15,000.00
	09/29/2021	2021-00003056	TO COVER FURNITURE FOR SEAN'S OFFICE	\$0.00	\$1,000.00	\$14,000.00
				\$0.00	\$1,000.00	\$14,000.00
Sub Department: 0001 Administration Totals:				\$1,000.00	\$1,000.00	
Department: 8310 Water Totals:				\$1,000.00	\$1,000.00	
<b>Fund Totals: Water Board - Water</b>				\$1,000.00	\$1,000.00	
Fund: GA Water Board - Sewer						
Department: 8110 W.W.T.P.						
Sub Department: 0001 Administration						
0210.000 - Furniture & Furnishings				Amended Balance as of: 9/1/2021		\$4,000.00
	09/20/2021	2021-00002947	TO COVER PURCHASE FOR WWTP BATHROOM UPGRADE PER EX DIR	\$0.00	\$4,000.00	\$0.00
				\$0.00	\$4,000.00	\$0.00
0250.000 - Other Equipment				Amended Balance as of: 9/1/2021		\$6,000.00
	09/27/2021	2021-00003000	TO PURCHASE CAMERAS FOR WWTP PER EXECUTIVE DIRECTOR	\$500.00	\$0.00	\$6,500.00
				\$500.00	\$0.00	\$6,500.00
0449.599 - Undesignated Services				Amended Balance as of: 9/1/2021		(\$10,000.00)
	09/27/2021	2021-00003000	TO PURCHASE CAMERAS FOR WWTP PER EXECUTIVE DIRECTOR	\$0.00	\$500.00	\$39,500.00
				\$0.00	\$500.00	(\$10,500.00)
Sub Department: 0001 Administration Totals:				\$500.00	\$4,500.00	

NFWB Live  
**Budget Amendments Report**  
 From Date: 9/1/2021 - To Date: 9/30/2021

Account	G/L Date	Journal	Description	Increases	Decreases	Amended Balance
Fund: GA Water Board - Sewer						
Department: 8110 W.W.T.P.						
Sub Department: 4810 Ind. Monitoring/Enforcmt						
0419.599 - Undesignated Supplies				Amended Balance as of: 9/1/2021		\$2,500.00
	09/14/2021	2021-00002891	To cover purchases	\$220.00	\$0.00	\$2,720.00
				\$220.00	\$0.00	\$2,720.00
0463.000 - Travel & Training Expense						
				Amended Balance as of: 9/1/2021		\$220.00
	09/14/2021	2021-00002891	To cover purchases	\$0.00	\$220.00	\$0.00
				\$0.00	\$220.00	\$0.00
Sub Department: 4810 Ind. Monitoring/Enforcmt Totals:				\$220.00	\$220.00	
Department: 8110 W.W.T.P. Totals:				\$720.00	\$4,720.00	
Department: 8130 Sewage Trtmt/Disposal						
Sub Department: 0200 Maintenance						
0140.000 - Overtime				Amended Balance as of: 9/1/2021		\$65,000.00
	09/10/2021	2021-00002868	TO COVER COST OF CLEANING/SANITARY SUPPLIES	\$0.00	\$5,000.00	\$60,000.00
				\$0.00	\$5,000.00	\$60,000.00
0210.000 - Furniture & Furnishings						
				Amended Balance as of: 9/1/2021		\$0.00
	09/20/2021	2021-00002947	TO COVER PURCHASE FOR WWTP BATHROOM UPGRADE PER EX DIR	\$4,000.00	\$0.00	\$4,000.00
				\$4,000.00	\$0.00	\$4,000.00
0419.003 - Cleaning/Sanitary						
				Amended Balance as of: 9/1/2021		\$5,000.00
	09/10/2021	2021-00002868	TO COVER COST OF CLEANING/SANITARY SUPPLIES	\$5,000.00	\$0.00	\$10,000.00
				\$5,000.00	\$0.00	\$10,000.00
Sub Department: 0200 Maintenance Totals:				\$9,000.00	\$5,000.00	
Department: 8130 Sewage Trtmt/Disposal Totals:				\$9,000.00	\$5,000.00	
<b>Fund Totals: Water Board - Sewer</b>				\$9,720.00	\$9,720.00	
<b>Grand Totals:</b>				\$10,720.00	\$10,720.00	





## **Monthly O&M Report** **For the Month of September 2021**

### **1. Treatment & Plant Maintenance**

#### **1.1. Water – Robert Rowe, updated 10/06/2021.**

### **OPERATIONS AND MAINTENANCE**

Total water production for the month of September was 587 million gallons. The average daily water production was 19.6 million gallons. The plant data summary table is included below for your reference.

#### **2021 TOTALS AND AVERAGES**

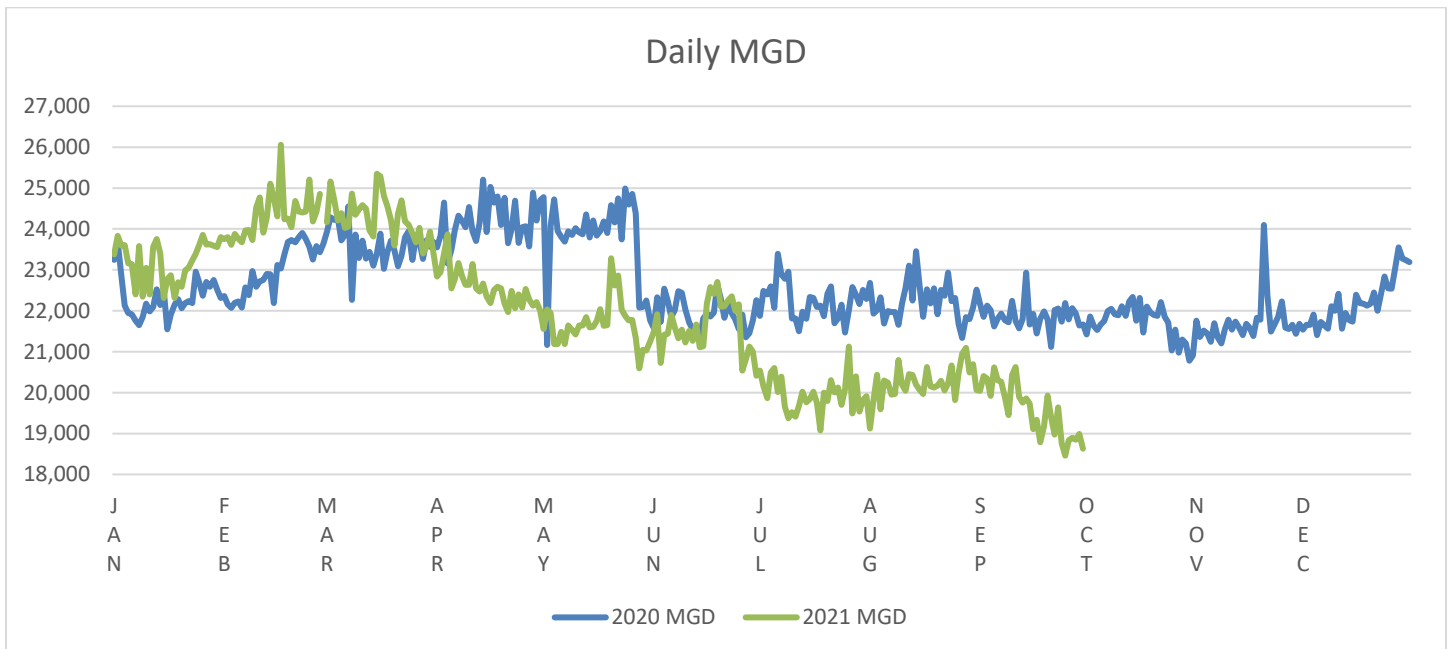
	R/W	PRE CL2	PACL	H2SiF6	PO4	POST CL2	F/W 1000 GAL/ DAY
	PUMPAGE	LBS	LBS	LBS	LBS	LBS	
JAN	719125	6987	157000	18691	1968	3939	23198
FEB	681002	6389	150200	18097	1847	3998	24322
MAR	752361	7210	177400	19096	1994	4684	24270
APR	677021	6706	129000	15693	1746	4322	22567
MAY	672042	7449	120700	15869	1819	4293	21679
JUN	647984	7631	96900	14000	1772	4054	21599
JUL	618489	8800	93200	13164	1695	4055	19951
AUG	627495	9628	101200	13459	1696	3997	20242
SEP	587289	8881	105200	12509	1704	3361	19576
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	5982808	69681	1130800	140578	16241	36703	197404



**FOR COMPARISON: 2020 TOTALS AND AVERAGES**

	F/W	PRE CL2	PACL	H2SiF6	PO4	POST CL2	F/W 1000 GAL/ DAY
	PUMPAGE	LBS	LBS	LBS	LBS	LBS	
JAN	691945	7205	131000	16189	1891	4034	22321
FEB	666612	6664	122800	15907	1846	4169	22987
MAR	731884	7609	131400	17442	2053	4478	23609
APR	725504	8039	135500	17675	2121	4428	24183
MAY	738265	8462	130200	18122	2099	4565	23815
JUN	657717	8481	129100	16749	1755	4280	21924
JUL	689194	9709	158000	17736	1912	4492	22232
AUG	689025	10707	156100	18731	1949	3798	22227
SEP	656138	9352	139100	16674	1883	3643	21871
OCT	673130	8665	140100	17134	1910	3389	21714
NOV	651028	8449	140100	16533	1802	3160	21701
DEC	688777	7688	146800	17533	1873	3338	22219
TOTAL	8259219	101030	1660200	206425	23094	47774	270802

**Chart Comparing Daily Finished Water Flows, 2020 Versus 2021**





## 2021 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	8.8	8.1	0.63	1.23	0.023	7.6	0.72
FEB	7.3	8.1	0.57	1.23	0.020	7.5	0.72
MAR	5.8	8.1	0.56	1.24	0.015	7.5	0.71
APR	3.3	8.1	0.54	1.23	0.013	7.5	0.68
MAY	2.5	8.0	0.55	1.24	0.019	7.5	0.73
JUN	0.7	8.0	0.55	1.23	0.025	7.6	0.69
JUL	4.1	8.1	0.52	1.25	0.029	7.6	0.67
AUG	0.8	8.2	0.54	1.25	0.037	7.7	0.69
SEP	0.8	8.1	0.56	1.24	0.025	7.6	0.68
OCT							
NOV							
DEC							
AVG	3.8	8.1	0.56	1.24	0.023	7.6	0.70

### Operations and Maintenance Highlights

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

\*Drawings have been completed and submitted to Dept. of Health for approval.

We were on our last leg with the Freeze Thaw Beds, working with outside crews as weather permits to pile and dry at least one bed for hauling the solids ASAP.

\*With the help of Mike Eagler and his crews, including Operations' own Mike Janese, we were able to consolidate the solids from two full beds into one bed, allowing us to place the empty bed into service and maintain compliance with our SPDES permit.

We are currently awaiting the final lab work for approval to haul the solids to Modern Corp.

\*Results received, awaiting scheduling with Modern Corp and outside crews for hauling.

Our Annual Drinking Water Quality Report, which has been posted on our website, at <https://nfwb.org/app/uploads/2021/05/2020-CCR-.pdf>, has now been distributed to all bill-paying customers and certified with NYS Dept. of Health. This completes the 2020 reporting for Operations.



## **1.2. Wastewater – Bob Dunn, Chief Operator- updated 10/12/2021.**

**Non-Compliance Violations: NONE**

**Sampling notes: None**

### **OPERATIONAL and MAINTENANCE- Highlights**

Project #1 – Sedimentation Basin and Screening rehab. Concrete work is complete, and plans are moving forward to the installation of the Chain and Flight system. Additional work on the Screening process components as well as the piping which conveys the flow from Basin #5 to the head works of the plant continues as parts arrive. Hohl Industries continues to do a good job of communicating and coordinating with myself and the Engineering staff from CPL.

Project #2 - Gorge Pumping Station Rehab. Project is set to pick up some steam at the beginning of October as the 2 Replacement Gates will be getting delivered by the end of the month. Communications are being had between all involved parties to facilitate that work.

Project #3 – Poly, Grit conveyor and BFP controls. Project moving slow due to delays on parts and pieces of equipment. A mock-up of the components is being constructed to make sure the room and dimensions will accommodate all the necessary equipment.

Project #5 – Electrical. Has been rebid with no successful bidders. Plans to be made as to the direction we proceed.

Project #7 – Still awaiting next step to begin construction.

Project #9 & 11 – Inside/Outside piping. Construction is in the infant stages as crews gear up for the bulk of the projects. Some temporary piping being planned for use during construction of new systems.

Project #10 – Kaman (Over all controls). Kaman is currently working on some controls for the Belt Filter Press project as well as the Polymer controls.

All and all Plant conditions are very well with excellent work being done by all departments.



WASTEWATER TREATMENT PLANT OPERATING DATA														
2021	FLOWS			Chlorine	Rainfall	SLUDGE		Polymer		FeCl3	LIME	H2O2	NaOCl	Grit
	INF/EFF	CBE	GPS	Residual		NET	LANDFILL	BFP	PRIM					
MONTH	MGD	MGD	MGD	PPM	inches	(Tons)		(Lbs)		(gals.)	(Tons)	(gals.)	(gals.)	(Tons)
January	32.12	41.31	13.50	2.2	0.3	2421.0	643.0	3664.0	4398.0	27380	121.8	0	367350	18.8
February	23.60	43.20	12.12	1.8	0.6	1721.0	518.0	2391.0	3107.0	19700	45.7	0	424560	12.0
March	24.32	45.57	12.00	2.0	0.7	2805.0	816.0	3397.0	3430.0	21380	79.0	0	301700	41.2
April	24.18	45.25	12.28	1.8	0.7	2150.0	582.0	2800.0	3335.0	22160	86.1	0	478895	26.0
May	20.59	42.66	11.12	1.6	0.8	1674.0	463.0	2334.0	3345.0	22500	69.8	0	697120	46.4
June	20.69	41.20	11.28	1.6	0.7	1735.0	524.0	2641.0	3363.0	21800	67.8	810	763300	65.3
July	26.76	48.23	12.75	1.4	6.1	1516.0	455.0	2544.0	3629.0	24780	55.7	6140	711170	15.9
August	19.49	36.87	11.21	1.3	0.4	1544.0	440.0	2846.0	3368.0	21420	91.6	0	739870	15.6
September	24.36	43.10	12.14	1.9	0.7	1775.0	533.0	2943.0	3931.0	24840	100.1	0	817405	23.5
October														
November														
December														
<b>Totals</b>	<b>24.01</b>	<b>43.04</b>	<b>12.04</b>	<b>1.7</b>	<b>11.0</b>	<b>17341.0</b>	<b>4974.0</b>	<b>25560.0</b>	<b>31906.0</b>	<b>205960</b>	<b>717.6</b>	<b>6950</b>	<b>5301370</b>	<b>264.7</b>

### 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

### 2020 Data for Comparison Purposes

WASTEWATER TREATMENT PLANT OPERATING DATA														
2020	FLOWS			Chlorine	Rainfall	SLUDGE		Polymer		FeCl3	LIME	H2O2	NaOCl	Grit
	INF/EFF	CBE	GPS	Residual		NET	LANDFILL	BFP	PRIM					
MONTH	MGD	MGD	MGD	PPM	inches	(Tons)		(Lbs)		(gals.)	(Tons)	(gals.)	(gals.)	(Tons)
January	988.96	1280.77	418.58	2.2	0.0	2421.0	643.0	3664.0	4398.0	27380	121.8	0	367350	88.5
February	819.89	1187.62	387.49	2.2	2.2	2407.0	645.0	3502.0	4453.0	25990	110.3	0	382270	63.6
March	940.59	1369.46	439.96	2.2	2.3	2241.0	603.0	3007.0	4577.0	28140	83.2	0	576380	28.3
April	865.22	1294.50	404.40	2.1	2.6	1869.0	520.0	2985.0	4566.0	28647	90.6	0	415530	23.5
May	802.53	1193.30	393.25	2.0	2.3	1520.0	408.0	2758.0	4382.0	26220	75.1	0	445580	15.5
June	660.30	1186.66	439.42	1.9	2.3	1967.0	524.0	3305.0	4115.0	24120	108.4	0	478980	74.6
July	639.88	1142.70	430.00	2.1	1.7	1673.0	457.0	3371.0	3725.0	21800	88.1	0	588800	26.4
August	596.63	1077.83	369.06	2.2	1.5	1753.0	473.0	3920.0	3846.0	23000	113.2	0	692042	6.2
September	569.50	983.64	343.94	2.2	0.0	1426.7	430.6	2768.0	3806.4	21020	122.4	0	508210	16.1
October	631.44	983.46	338.29	2.1	0.0	1712.0	514.0	3314.0	4102.0	23980	107.9	0	671750	5.7
November	602.10	939.90	265.80	2.0	1.0	2208.0	693.0	3663.0	3477.0	20710	116.7	0	600580	9.6
December	968.16	1446.43	416.47	2.2	2.0	2555.0	711.0	3207.0	4826.0	26665	58.5	0	370865	25.9
<b>Totals</b>	<b>9085.20</b>	<b>14086.27</b>	<b>4646.66</b>	<b>2.1</b>	<b>17.8</b>	<b>23752.7</b>	<b>6621.6</b>	<b>39464.0</b>	<b>50273.4</b>	<b>297672</b>	<b>1196.2</b>	<b>0</b>	<b>6098337</b>	<b>383.9</b>



## 2.1. Sewer Collection & Water Distribution Michael Eagler, updated 10/12/2021

Sewer Collections System										
2021	Service Calls	Flushing (Feet)	UFPO Responses	Receivers Cleaned	Bypass Pumping (Hours)	Catch Basins	Man Holes	Main	Connections	Lateral
January	83	30402	576	177	12.10	4	2	0	5	0
February	101	21075	368	79	0.00	3	4	0	1	2
March	157	5271	826	203	0.00	2	3	1	2	0
April	178	23939	1061	121	0.00	6	5	2	4	2
May	90	31926	867	186	0.00	6	4	6	6	5
June	107	87207	694	67	0.00	2	0	7	2	7
July	85	24536	690	109	280.90	2	3	7	3	7
August	51	15690	629	149	2.40	5	6	1	1	1
September	46	19270	729	160	20.55	3	2	1	3	1
October										
November										
December										
Totals	898	259316	6440	1251	315.95	33	29	25	27	25

Water Distribution													
2021	Main Breaks	Service Leaks	Curb Box Reset	Valve Repaired	Valve Replaced	Hydrant Replaced	Hydrant Repaired	Hydrant Flow	Hydrant Flush-Winterized	Hydrant Leaks	Hydrants out of Service	Misc. Service Calls	Concrete
January	8	9	9	3	3	7	6	0	329	0	0	83	3
February	10	8	7	0	0	2	1	0	368	0	0	101	11
March	6	13	5	9	7	7	1	0	510	0	0	157	19
April	10	14	12	1	5	9	1	0	439	0	0	128	7
May	6	9	13	1	1	9	1	22	0	0	0	90	14
June	10	14	11	1	8	9	1	31	0	0	0	107	20
July	0	3	6	1	1	7	5	13	0	0	0	85	5
August	4	14	11	5	1	9	3	23	0	0	0	51	24
September	10	6	4	3	4	5	6	26	0	0	0	46	7
October													
November													
December													



### **3. Analytical Services**

#### **3.1 Water Laboratory –Patrick Fama, updated 10/13/2021**

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

- September samples have been collected & analyzed in-house for TOC, DOC & UV<sub>254</sub> on both finished and source water, all samples were in compliance.
- Monthly collection and reporting for the Distribution System were conducted (60 Samples for Free Chlorine, Turbidity, Phosphate, Fluoride, Standard Plate Count & Mf Coliform).

##### **2. In-house/DEC Monitoring**

- All in-house monitoring for bacteriology and water chemistry have been within normal limits.
- The monthly SPDES sample collected from the freeze thaw bed was within normal limits.
- Samples analyzed for 2021: 11,246.
- No water main breaks or community complaints were sampled in September.

##### **3. Laboratory Concerns**

- The Laboratory also analyzed 9 samples for Total Organic Carbon and 9 required Wet chemistry analysis for City of Lockport and Town of Tonawanda.
- The microbiology lab analyzed 16 samples from the Aquarium of Niagara's indoor and outdoor pools as well as 3 samples from the Village of Lewiston. All results were reported to the representative contacts.
- Revenue created to date is \$24,384.50.

#### **3.2 Wastewater Laboratory - Brian Eldridge 10/13/2021**

1. The data for September's State Pollutant Discharge Elimination System (SPDES) report is currently being compiled with no anticipated violations.
2. PCB 1668 Samples will be collected in October for analysis by Test America.





#### **4. Customers & Compliance**

##### **4.1. Meter Shop – Bob Reid Updated 10/14/21**

MONTH:	WORK ORDERS	STOPPED METERS	Registers Replaced	SCRAPPED METERS	INDUSTRIAL METERS READ	RESIDENTIAL METERS READ
JANUARY	115	0	12	0	0	7191
FEBRUARY	91	2	9	0	0	5264
MARCH	125	1	7	0	565	5473
APRIL	90	0	4	0	0	7191
MAY	101	3	6	0	0	5260
JUNE	108	3	8	0	565	5453
JULY	110	4	4	0	0	7191
AUGUST	93	0	7	0	0	5253
SEPTEMBER	92	5	8	0	565	5451
OCTOBER						
NOVEMBER						
DECEMBER						
TOTAL	935	19	65	0	1130	46466

#### **METER READINGS:**

DISTRICT 1	B.REID	M.MACRI	V.Virtuoso	J.PAUL	F.DERUBEIS	TOTAL
9/2/21	1710	1473				3183
9/7/21	1128	1085				2213
9/9/21				55		55
TOTAL	2838	2558		55		5451
Industrials						
9/1/21	258	307				565
TOTAL	3096	2865		55		6016

**Shop read 5253 residential meters for the month.. Also obtained 565 Industrial reads and continued testing large meters on Wednesday's.**





#### **4.2. Industrial Monitoring / Enforcement – Joel Paradise updated 10/13/2021**

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

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

##### **SIU Updates:**

1. All SIU (Significant Industrial User) whose discharge permits nearing expiration in the next several months have been sent their renewal applications for our review and eventual reissuance of their NFWB wastewater discharge permit. This is an ongoing and continuing process.  
The Cross Connection Inspectors work of conducting his inspections as a function of building sales, monitoring the annual tests results of all back flow prevention devices, along with updating our database and filing/archiving the hard copies has been progressing on schedule.
2. SIU discharge permits are being continually updated using the most recent data generated by Steve Stewart to verify / adjust discharge limits.
3. The RFP for the Local Limits re-evaluation will be released in early 2021. Work on the RFP document commenced in 2019 but its release was delayed due to the need for technical assistance in preparing the RFP itself and the workload of several of the consultants believed to be likely proposers, and subsequently has been further delayed by disruptions resulting from the COVID-19 pandemic. The RFP will be released in early 2021 and barring the cost of the study exceeding available funds, a local limits evaluation will be completed in 2021.
4. The Industrial Pretreatment Program's submission of the Annual IPP Report to the EPA with a copy to the DEC was mailed out on schedule on January 26<sup>th</sup>, 2021. It was acknowledged as received by both parties. We have not received a response as of 6/7/2021. **UPDATE:** On Monday July 11, 2021 we received the EPA with comments. Those comments will be addressed.
5. A proposal was received on 3/8/2021 to add a low volume non-hazardous waste stream to SIU permit #76, Chemours Company FC LLC, Necco Park (Necco Park). Necco Park submitted the sampling of the waste stream to us as requested. Those results indicated a relatively innocuous non-hazardous waste stream that nothing in the results would preclude us from accepting the addition of the stream to SIU permit #76. A verification sample was collected on 4/21/2021 by the IPP group for our evaluation. Those results mirrored Chemours results. They must now submit a discharge permit modification request along with the \$250.00 fee to review such a request. (continued)
6. The process of archiving the Industrial Pretreatment Program files, which is done every 2 years, began the week of 4/5/2021 and was completed the week of 5/3/2021. Arrangements are being made to have them stored at the WTP.
7. Second quarter SIU quarterly reports due on May 31, 2021 have all been received. They are being logged, reviewed, checked for discharge permit compliance and passed on to Steve Stewart to update the MAIL/RAIL tables.



### **Industrial Monitoring / Enforcement 10/13/2021 (continued)**

8. On Friday, June 4, 2021, Rob Locey from the DEC called to report that the DEC has begun an investigation of odor issues emanating from Cascades. The Water Board shared our experiences with compliance issues and conducted our inspection of the facility regarding the odor issues on Monday, June 7, 2021. Rob will keep us apprised of the situation.
9. Tuesday, June 8, 2021- the quarterly BHC sampling was successfully conducted without incident.
10. Regarding Cascades, the Water Board and DEC have held several meetings with Cascades concerning the progress of their WWTP. They have been made amply clear that it is imperative that they get the treatment plant operating as designed as soon as possible. The process of getting the treatment plant operating as designed is multifaceted requiring many individual process changes. Cascades has been required to give the Water Board daily detailed progress reports each Friday and analysis of their discharge to the Water Board daily. We are closely monitoring the progress and we have also been at their site daily. We are in constant contact with Cascades and receive weekly updates each Friday. On Saturday 9/11/2021 the reactor was shutdown to affect an internal repair. If the repairs go as planned, it will go a long way toward getting their WWTP functioning as designed and back in compliance with their discharge permit. We are in the process of drafting an Order on Consent with advice being solicited from the DEC and EPA. Met with Cascades and Greenpac officials for an extensive update. Agreed to meet later this week / next week to discuss the 3<sup>rd</sup> Qt sewer bill.
11. The quarterly mercury sampling in the collection system was completed as required on Wednesday 10/6/2021.

## **5. Support Services**

### **5.1. Safety – AFI Environmental (Pat Ackerman) 10/14/2021**

- Created Sexual Harassment training PowerPoint with WNYCOSH
- Performed Sexual Harassment training at the WTP and WWTP
- Performed New Hire training
- Scheduled New Hire respirator fit test
- Ordered employee PPE
- Developed Fire Drill procedures
- Performed Fire Drill at WTP (10/12) and WWTP (10/14)
- Performed routine EHS walkthrough's at WWTP



## **6. Technical Services – Doug Williamson, updated 10/11/2021**

### **1. Hazard Mitigation Grant Program HMGP Project No.4204-0003:**

We received a letter from FEMA on August 17<sup>th</sup> denying the extension request for HMGP Project No.4204-0003, Phase II WWTP Protective Measures contract 68. We initially provided a letter on September 2<sup>nd</sup> to DHSES stating an appeal of FEMA's denial letter but decided not to pursue the project any further.

We finally executed the contract agreement between the NYS DHSES and the NFWB on September 29<sup>th</sup> in order to receive reimbursement for costs incurred during the Phase II WWTP Protective Measures contract 68.

### **2. LaSalle SSO Abatement Program and Consent Order (R9-20080528-32):**

In September, we continued discussions regarding potential revisions to the LaSalle consent order. The final **Sanitary Sewer System Management Plan Year 12 Progress Evaluation** engineering report was submitted to the NYSDEC on September 11<sup>th</sup>, 2020 and continues to be reviewed.

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. We are hoping to receive a second NYSDEC Engineering Planning grant of \$100,000 that was submitted on 7/30/21 for new Sanitary Sewer Evaluation Surveys in LaSalle and the engineering report. We were currently planning on beginning this work starting in 2021. We are also hoping to receive the NYSDEC WQIP grant of \$885,000 that was submitted on 7/30/21 for the construction improvements recommended by this engineering report.

### **3. NYSDEC Consent Order (R9-20170906-129) WWTP Phase I and II Projects:**

In September, we continued to support CPL and the design consultants on the WWTP Phase I and II projects. Monthly design and construction progress meetings were held for ongoing projects.

**Project 1** Sedimentation Basins and Scum Collection System Modification – A progress meeting was held on September 28<sup>th</sup>. Construction at sedimentation basin no.5 is ongoing.

**Project 2** GPS Rehabilitation is ongoing.

**Project 3** Screenings and Grit Transport Equipment Improvements – progress meeting was not held in September. Construction is ongoing.

**Project 5** Electrical System Improvements has not proceeded forward yet. We received a set of P.E. certified bid plan drawings from the EI Team on September 14<sup>th</sup>.

**Project 7** Replacement of Critical Heating & Ventilation Equipment – HVAC and Electrical construction will not commence until next year due to equipment delivery lead times.

**Project 9** Interior Piping Improvements construction work started in September.

**Project 11** Exterior Piping Improvements construction work started in September.



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

**Items:**

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

The WWTP chlorine dioxide study was approved by the NYSDEC and AECOM's pilot operations and testing continued during September of 2021.

The quarterly POTW advertisement was published in the Gazette on September 10<sup>th</sup>.

5. **WWTP and Chemical Bulk Storage Tanks:**

In September, we continued addressing corrective actions due to the Notice of Violation from the NYSDEC for the WWTP Chemical Bulk Storage (CBS). The five-year CBS inspection of Hydrogen peroxide tank #211-A was performed by Ensol Inc. on September 23<sup>rd</sup>.

6. **RFP 2020-04 Design Report for Improvements in WWTP Processing, Handling and Disposal of Sludge**

In September, we continued to work with GHD on the design report. A progress meeting was held on August 17<sup>th</sup>.

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

In September, the Fall of 2021 Town of Niagara sewer flow monitoring (4-week period) began. TECsmith installed flow meters on September 9<sup>th</sup> for the 4-week period of September 13<sup>th</sup> to October 11<sup>th</sup>, 2021.

8. **Stormwater Management**

The WNYSC met in September.

9. **Engineering Support**

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

10. **Capital Improvement Projects:**

In September, the **5 Year Capital Improvement Plan** and projects continued to be evaluated, updated and reviewed as needed with NFWB staff. Assisted with the evaluation of Rate Consultant and Consulting Engineer Proposals that were received on September 17<sup>th</sup>. Provided CIP Plan update for the NFWB Continuing Disclosure Report that was submitted on September 27<sup>th</sup>. We had a meeting to discuss Grant Opportunities and Applications for NFWB Capital Improvement Projects with CPL on September 29<sup>th</sup>.



### **Water Projects**

In September, CPL continued design work and has been trying to obtain record drawings from City Engineering for the Whitney Avenue and 77<sup>th</sup> Street watermain replacement projects.

We received the North Military Road Reconstruction & Cayuga Drive Resurfacing Utilities - City of Niagara Falls preliminary plans from Urban Engineers on September 29<sup>th</sup>.

We are still working with the City of Niagara Falls engineering department to receive the Engineering Hold items to close out EFC Project No.18435 Bollier Avenue.

### **Sewer Projects**

In September, we attended a sewer pipe radar webinar for advanced condition assessment of water & wastewater pipelines.

### **WTP Projects**

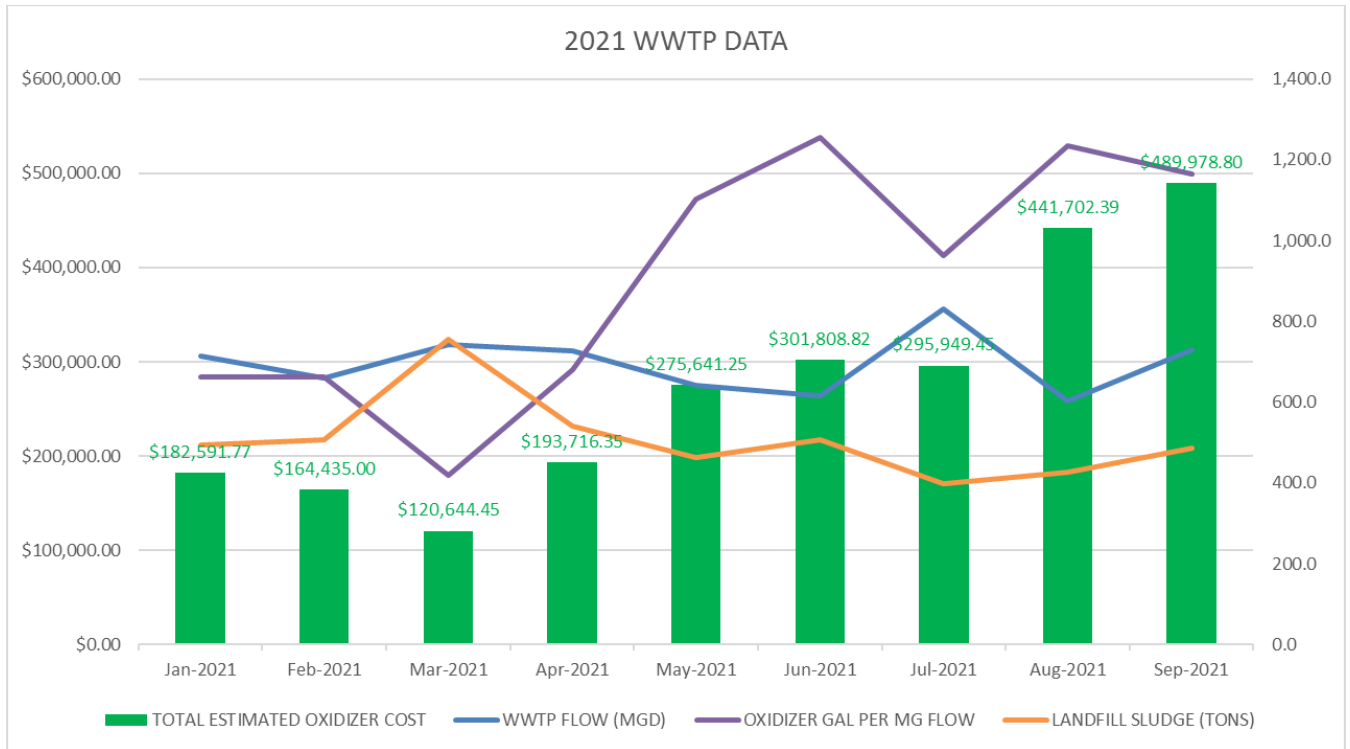
In September, a WTP RFP for HVAC Improvements was developed to replace (5) make-up air units and (2) AC units. The bid opening will be on November 9<sup>th</sup> at 2 pm.

In September, we worked on a WTP SPDES Permit RFI received from the NYSDEC on June 28<sup>th</sup>. We submitted the completed Form NY-2C and Mixing Zone Inspections on September 29<sup>th</sup>.

In August, we worked with CPL to develop concepts for the WTP conference room expansion project.

### **WWTP Projects**

In September, the WWTP Intermediate Pumps and Check Valve upgrades RFP was developed.



**2021 OXIDIZER BUDGET**

**BUDGET =** \$2,050,000.00 for year

**COST =** \$2,466,468.26 to date

**% USED =** 120.32% to date

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

**COST =** \$9,034.68 per day avg. \$274,052.03 per month avg.

23.0 Flow (MGD) 273 total days







WWTP DATA		OXIDIZER USAGE				SLUDGE REMOVAL			
MONTH	FLOW (MG)	H2O2 (GAL)	NaOCl (GAL)	GAL PER MG FLOW	TOTAL ESTIMATED COST	LANDFILL SLUDGE (TONS)	SOLIDS THROUGH PUT (%)	FERRIC CHLORIDE (TONS)	LIME (TONS)
Jan-2021	714.9	0	461,790	663	\$182,591.77	494.8	88.2	40.7	66.8
Feb-2021	660.8	0	415,870	664	\$164,435.00	507.8	62.0	37.0	42.7
Mar-2021	742.1	0	305,120	419	\$120,644.45	756.2	102.7	40.1	81.9
Apr-2021	726.4	0	489,925	682	\$193,716.35	540.3	94.4	41.8	78.9
May-2021	640.6	0	697,120	1102	\$275,641.25	463.4	125.2	42.2	69.8
Jun-2021	616.1	0	763,300	1256	\$301,808.82	508.3	134.8	39.4	65.4
Jul-2021	831.1	6,020	707,480	964	\$295,949.45	399.2	114.6	46.6	51.7
Aug-2021	604.1	0	739,870	1236	\$441,702.39	426.6	110.1	40.2	90.6
Sep-2021	729.8	0	820,735	1164	\$489,978.80	487.0	100.0	45.4	97.6
Oct-2021									
Nov-2021									
Dec-2021									
TOTALS	6,265.8	6,020	5,401,210	905	\$2,466,468.26	4,583.6	98.4	373.3	645.4

Low value for year

High value for year

## 2020 Oxidizer Figures for Comparison:

### 2020 OXIDIZER BUDGET

BUDGET = \$2,050,000.00 for year

COST = \$2,886,037.18 to date

% USED = 140.78% to date

BUDGET = \$5,601.09 per day avg. \$170,833.33 per month avg.

COST = \$7,885.35 per day avg. \$240,503.10 per month avg.

24.1 Flow (MGD) 366 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-2020	996.3	0	362,710	387	\$164,307.63	608.7	99.5	51.4	106.1
Feb-2020	790.4	0	351,310	447	\$159,143.43	613.6	99.1	45.1	105.3
Mar-2020	940.5	0	580,170	623	\$262,817.01	573.4	92.2	52.9	80.8
Apr-2020	862.6	0	408,380	477	\$184,402.71	508.0	106.9	51.7	90.2
May-2020	798.2	0	445,470	566	\$203,175.03	395.5	106.8	49.1	76.2
Jun-2020	638.4	0	470,810	748	\$213,276.93	503.2	113.2	43.9	102.6
Jul-2020	640.1	0	588,800	923	\$266,726.40	389.3	92.8	40.9	88.3
Aug-2020	604.9	0	693,873	1159	\$314,324.47	441.7	86.9	43.8	101.3
Sep-2020	567.8	0	513,800	921	\$232,751.40	432.9	131.9	39.0	76.8
Oct-2020	630.9	0	671,750	1074	\$304,302.75	462.7	94.0	45.0	92.5
Nov-2020	581.7	0	600,560	1102	\$272,053.68	626.0	100.0	37.0	111.2
Dec-2020	765.1	0	681,580	922	\$308,755.74	595.4	76.2	40.5	106.6
TOTALS	8,816.8	0	6,369,213	779	\$2,886,037.18	6,150.5	97.7	540.1	1,137.9

Low value for year

High value for year



## **7. SECURITY REPORT—Bill Wright 10\12\2021**

No WWTP security incidents were reported in May; the guards continue to screen contractors and visitors regarding COVID-19 and to restrict plant access. Coordination of work and truck deliveries during anticipated paving of Buffalo Avenue is being addressed. The road should be completed soon.

## **8. INFORMATION TECHNOLOGY (I.T.) 10/13/2021**

**VMware Environment** – Joe - No issues to report.

**New World Cloud** – Joe - No issues to report, New World has been up since we went live without any incidents.

**Exchange Office 365** – Joe - No issues to report.

**Network WTP** – Dino/Joe - All systems up.

**Network WWTP** – Dino - All systems up. began working on finalizing the network front end, internet/firewall component's and having a NW assessment performed once completed.

I am Working with vendor A2k to assist the completion of Network redesign and to ultimately lower some of our expenses, more details will be shared as I further discuss the details with Advance2k.

**Network Gorge** – Dino - All systems up.

**Network – Wi-Fi** – Dino - We will be adding Wi-Fi to both plants in the form of a secured production and secured Guest Wi-Fi network. Utilizing plant blueprints, we will install the APs in the most optimal locations to maximize Wi-Fi coverage. We will be restricting usage to only allow work related devices access and will setup a guest network for vendors and contractors, this will begin after we fully complete **Network WWTP**.

**Network Security** – Dino/Joe – All systems secured, no incidents to report.

**GPS** – Joe – No issues to report.

**Security Camera's** – Bill-Clayton- Please refer to Bill/Clayton for additional information as cameras are located at WWTP.

**Lucity 2018** – Carl - Software Upgrade 2021 – Will schedule and work with Lucity support to upgrade from version 2018 to build 2021.





## MINUTES

### Meeting of the Niagara Falls Water Board

September 27, 2021 at 5:00 p.m.

5815 Buffalo Avenue

Niagara Falls, NY 14304

\*\*\* As permitted by Chapter 417 of the Laws of 2021, this meeting could be attended by Board Members and members of the public either in-person or via conference call.\*\*\*

#### 1. Preliminary Matters

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

##### a. Attendance:

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

Forster (Chairman) *Present in Person*

Kimble (Board Member) *Present via Conference Call*

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

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

##### b. Comments from Chairman Forster

*Chairman Forster had nothing new to add at this time.*

##### c. Letters and Communications

- i. September 14, 2021 DEC Letter Approving Use of Phase II Funds for WWTP Intermediate Pumps

*The board members reviewed and discussed this correspondence at the September 20, 2021 working session.*

**ii. Correspondence from City Administrator Extending Operation Agreement to September 29, 2021**

*The board members reviewed and discussed this correspondence at the September 20, 2021 working session.*

**iii. Correspondence from Bill Wright Regarding Retirement Effective December 23, 2021.**

*The board members were made aware that Mr. Wright will be retiring from his position on December 23, 2021.*

- a. 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).**

*Lucinda Burnett (Fairfield Ave.) spoke regarding her two previous, abnormally high, water bills. Ms. Burnett states the first high water bill she received, after averaging a minimum bill for years, was for approximately \$300. She explained that a plumber was called to her property and discovered her toilet was leaking, causing the high bill. The plumber repaired the leak. The next water bill that Ms. Burnett received was approximately \$600. Ms. Burnett states she is unable to make these payments and is unsure why her bill would be that high.*

*Mr. Wright states he will instruct the outside crew to evaluate Ms. Burnett's property and will be in touch regarding any additional updates/findings.*

**b. Approval of Minutes**

**i. Draft July 26, 2021 Meeting Minutes**

*Motion by Board Member Larkin and seconded by Board Member Leffler to approve the July 26, 2021 meeting minutes.*

*Asklar \_\_Y\_\_ Forster \_\_Y\_\_ Kimble \_\_Y\_\_ Larkin \_\_Y\_\_ Leffler \_\_Y\_\_*

*Motion carries, 5-0*

**ii. Draft August 9, 2021 Special Meeting Minutes**

*Motion by Board Member Larkin and seconded by Board Member Asklar to approve the August 9, 2021 special meeting minutes.*

*Asklar \_\_Y\_\_ Forster \_\_Y\_\_ Kimble \_\_abstain\_\_ Larkin \_\_Y\_\_ Leffler \_\_Y\_\_*

*Motion carries, 4-0, with one abstention.*

**2. Executive Director – Dr. Abderrahman Zehraoui**

- a. WWTP Project Budget Tracker (CPL)
- b. WWTP Construction Schedule Tracker (CPL)
- c. Financial Award Summary (CPL)
- d. Infrastructure Initiative
  - i. Memorandum
  - ii. PowerPoint Presentation
  - iii. Correspondence from Dr. Zehraoui to Congressman Higgins
  - iv. Letter of Support From Mayor Restaino
  - v. Letter of Support from Legislator Grozio

*Dr. Zehraoui noted that a meeting has been scheduled with DEC to discuss funding for the WWTP. We will be applying for funding under a program that has a total of \$400 million.*

**3. Superintendent – William Wright**

- a. Plan for Procurement of Heavy Equipment for Outside Maintenance

*Board Member Kimble questioned whether this action would impact the Water Board's insurance rates, Mr. Wright replied the impact would be modest, possibly a \$300 increase.*

**4. Engineering – Douglas Williamson**

- a. FEMA Hazard Mitigation Grant Program HMGP Project No.4204-0003:
- b. Town of Niagara Flow Monitoring
  - i. Flow Monitoring Location Map
- c. CIP Plan Update
  - i. September 14, 2021 Draft Update

**5. Personnel Items – John Accardo**

- a. September 27, 2021 Personnel Actions Sheet

*Chairman Forster noted that as a matter of policy moving forward, personnel upgrades will be checked for meeting minimum qualifications and then sent to Dr. Zehraoui for review.*

*The Board decided to discuss promotions of particular personnel during executive session and its votes on the Personnel Actions Sheet are recorded in these minutes after the minutes of the vote to exit executive session.*

**6. Information Technology (IT) – Dr. Abderrahman Zehraoui**

**7. Finance – Brian Majchrowicz**

- a. 2022 Budget Update**
- b. Revenue Budget Performance Report through August 31**
- c. Sewer Fund Expense Budget Performance Report through August 31**
- d. Water Fund Expense Budget Performance Report through August 31**
- e. Board Fund Expense Budget Performance Report through August 31**
- f. Bank Balance Report – Bank on Buffalo and KeyBank**
- g. Treasury Investment Bank Balance**
- h. Wilmington Trust Bank Balances**
- i. Capital Payments – August 2021**
- j. August 2021 Budget Amendment Report**

**8. Questions Regarding August 2021 Operations and Maintenance Report**

**9. Safety – John Accardo**

**10. General Counsel and Secretary – Sean Costello**

- a. Proposals for Rate Consultant and Consulting Engineer**
- b. Third Amendment to Operation Agreement**

**11. Resolutions**

**2021-09-001 – GENERATOR PREVENTATIVE MAINTENANCE SERVICE AGREEMENT WITH KINSLEY POWER SYSTEMS**

- a. Kinsley Generator Maintenance Quote Revised June 22, 2021**

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

*Asklar \_\_Y\_\_ Forster \_\_Y\_\_ Kimble \_\_Y\_\_ Larkin \_\_Y\_\_ Leffler \_\_Y\_\_*

*Motion carries, 5-0*

**2021-09-002 – HEAVY EQUIPMENT FOR OUTSIDE MAINTENANCE**

- a. First John Deere 75G
- b. Second John Deere 75G
- c. John Deere 333G
- d. Trail King Tilt Trailers

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

*Asklar \_\_Y\_\_ Forster \_\_Y\_\_ Kimble \_\_Y\_\_ Larkin \_\_Y\_\_ Leffler \_\_Y\_\_*

*Motion carries, 5-0*

**2021-09-003 – AUTHORIZING EXTENSION OF BID FOR SEWER LINE CHEMICAL ROOT CONTROL**

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

*Asklar \_\_Y\_\_ Forster \_\_Y\_\_ Kimble \_\_Y\_\_ Larkin \_\_Y\_\_ Leffler \_\_Y\_\_*

*Motion carries, 5-0*

**2021-09-004 – AWARD BID FOR PRIMARY TREATMENT POLYMER**

- a. Award Recommendation Letter and Bid Tabulation

*Motion by Board Member Kimble and seconded by Board Member Asklar to approve.*

*Asklar \_\_Y\_\_ Forster \_\_Y\_\_ Kimble \_\_Y\_\_ Larkin \_\_Y\_\_ Leffler \_\_Y\_\_*

*Motion carries, 5-0*

**2021-09-005 – APPROVING THIRD AMENDMENT TO OPERATION AGREEMENT WITH CITY**

- a. Draft Third Amendment

*Chairman Forster noted that there had been quite a bit of work in this amendment with both parties looking out for their own interests and thanked the City for negotiating in good faith.*

*Motion by Chairman Forster and seconded by Board Member Larkin to approve.*

*Asklar \_\_Y\_\_ Forster \_\_Y\_\_ Kimble \_\_Y\_\_ Larkin \_\_Y\_\_ Leffler \_\_Y\_\_*

*Motion carries, 5-0*

**2021-09-006 – PROCUREMENT OF GRIT CYCLONE SCREW AND PARTS**

- a. Koester Associates Quote 2021-P-13920 for Grit Screw
- b. Koester Associates Quote 2021-P-13927 for Wear Shoes
- c. Smith & Loveless Letter Regarding Koester Being Sole Source

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

*Asklar \_\_Y\_\_ Forster \_\_Y\_\_ Kimble \_\_Y\_\_ Larkin \_\_Y\_\_ Leffler \_\_Y\_\_*

*Motion carries, 5-0*

**2021-09-007 – DECLARING CERTAIN PROPERTY TO BE SURPLUS  
TO BE DISPOSED OF AT AUCTION**

- a. List of Items Requested to be Declared Surplus for Disposal at Auction

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

*Asklar \_\_Y\_\_ Forster \_\_Y\_\_ Kimble \_\_Y\_\_ Larkin \_\_Y\_\_ Leffler \_\_Y\_\_*

*Motion carries, 5-0*

**2021-09-008 – PAYMENT TO BONADIO & CO. FOR 2020 AUDIT AND EXERCISING  
OPTION FOR 2021 AUDIT**

- a. Bonadio Invoice for Additional Fee for 2020 Audit Services
- b. Bonadio Engagement Agreement for 2020 Audit

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

*Asklar \_\_Y\_\_ Forster \_\_Y\_\_ Kimble \_\_N\_\_ Larkin \_\_Y\_\_ Leffler \_\_Y\_\_*

*Motion carries, 4-1*

**2021-09-009 – CHANGE ORDERS FOR PROJECT 2, GORGE PUMP STATION  
REHABILITATION**

- a. STC Change Order 1
- b. John W. Danforth Change Order 1
- c. CIR Change Order 1
- d. GHD Proposal Dated September 8, 2021

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

*Asklar \_\_Y\_\_ Forster \_\_Y\_\_ Kimble \_\_Y\_\_ Larkin \_\_Y\_\_ Leffler \_\_Y\_\_*

*Motion carries, 5-0*

**2021-09-010 – POLICY FOR TELECOMMUTING BY CERTAIN EXEMPT EMPLOYEES**

**a. Draft Exempt Executive Employee Telecommuting Policy**

*Board Member Larkin questioned why this policy was not being left to Dr. Zehraoui. Board Member Kimble believes a written policy is a good idea in the pandemic, will provide structure, and will avoid the impression that the Executive Director is playing favorites in determining who may work from home.*

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

*Asklar \_\_N\_\_ Forster \_\_N\_\_ Kimble \_\_Y\_\_ Larkin \_\_N\_\_ Leffler \_\_Y\_\_*

*Motion failed, 2-3*

**2021-09-011 – ACCEPTING PROPOSAL FOR PROPERTY, LIABILITY, AND UMBRELLA INSURANCE POLICIES**

**b. USI Renewal Narrative**

**c. Insurance Renewal Proposal**

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

*Asklar \_\_Y\_\_ Forster \_\_Y\_\_ Kimble \_\_Y\_\_ Larkin \_\_Y\_\_ Leffler \_\_Y\_\_*

*Motion carries, 5-0*

**2021-09-012 – ACCEPTING PROPOSAL FOR RATE CONSULTANT SERVICES**

**a. Memorandum from Executive Director**

**b. Dresher & Malecki Proposal dated September 15, 2021**

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

*Asklar \_\_Y\_\_ Forster \_\_Y\_\_ Kimble \_\_Y\_\_ Larkin \_\_Y\_\_ Leffler \_\_Y\_\_*

*Motion carries, 5-0*

**2021-09-013 – ACCEPTING PROPOSAL FOR CONSULTING ENGINEER SERVICES**

**a. Memorandum from Executive Director**

**b. AECOM Proposal dated September 15, 2021**

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

*Asklar \_\_Y\_\_ Forster \_\_Y\_\_ Kimble \_\_Y\_\_ Larkin \_\_Y\_\_ Leffler \_\_Y\_\_*

*Motion carries, 5-0*

**2021-09-014 – MASTER CONTRACT FOR WASTEWATER TREATMENT PLANT  
PROTECTIVE MEASURES PROJECT GRANT**

**d. Master Contract No. C000804**

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

*Asklar \_\_Y\_\_ Forster \_\_Y\_\_ Kimble \_\_Y\_\_ Larkin \_\_Y\_\_ Leffler \_\_Y\_\_*

*Motion carries, 5-0*

**12. Additional Comments from Chairman Forster**

**13. Unfinished/Old Business**

**a. 18th Street Slip Line**

- Walk-through completed from Whitney Ave. to Ontario Ave. with City Engineering – discussed at board meeting held on 5/24/21.
- City Engineering is hand-drawing certain utilities, design not complete as of July 19.
- 9/20/21 – T. Donner from CPL will prepare a proposal for CPL to do the engineering for the grant-funded work.

**b. Roof Study**

- Study is complete. Dave Jaros from CPL will now be the point person – discussed at work session held on 7/12/21.

**c. Beech Ave. Water Tower**

- Jay Meyers explains some modeling work is needed along with finalizing ideas for an ideal location (possibly Buffalo Ave.)
- Beech Ave. is not an ideal location due to the need for a pump station.
- Cost to complete the study – approximately \$9,800 – discussed at board meeting held on 5/24/21.
- Per Jay Meyers, as of July 19, project is 95% complete, final details to be discussed with NFWB.
- 9/20/21 – Report delivered to NFWB (Copy is in 9/27 Meeting Packet, Minus Appendices).

**d. Caulking Project WTP**

- Exterior caulking complete.
- Bid for interior caulking awarded at July 2021 meeting; next step is to schedule the work.
- 9/20/21 – Contractor now has supplied bonds, J. Meyers will get work scheduled.



**e. 56th Street Water Tower**

- CPL was tasked to explore ways to improve the functionality and eliminate the need for WTP operators to have to drain the water lower levels on a daily basis in order to recirculate the water; due to the lack of a recirculating pump and valve at the bottom of the tank - discussed at board meeting held on 5/24/21.
- 9/20/21 – Report delivered to NFWB (Copy is in 9/27 Meeting Packet, Minus Appendices).

**f. Lift Station Roofs**

- As of September 14, 2021:
  - New pitched roof at 81st and Frontier has been installed using in-house labor and Carpenters from Union Hall.
  - Waiting on metal roofing material for 81st and Stephenson, should arrive by the end of September 2021.
  - J. Argona and M. Eagler are evaluating the possibility of performing the work required on the Cayuga Island lift station in house.
- 9/21/21 – Per M. Eagler, two lift stations will be painted before weather changes.

**g. Chlorine System**

- Adding a booster pump to the raw water chlorine feed would prevent loss of chlorine feed during a low-pressure scenario (i.e. Goodyear break).
- Will also provide backup to chlorine dosage during backflow testing/repairs
- CPL has done design, waiting for DOH approval of submittals, as discussed July 19.
- 9/14/2021 – Still waiting for DOH approval.
- 9/20/2021 – Same status, Dr. Zehraoui to contact DOH regarding delay.

**h. Emergency Backup Generators**

- In need of repair – multiple issues with transfer gear and controls.
- 1 unit has been determined to need radiator parts/replacements.
  - Radiator repair approx. \$40,000.
- Work continues with Zenith – determined TS-2 and TS-3 need cleaning and lubrication, which involves removing power and running a separate generator to make the necessary repair.
- Quotes have been received for auto switching main plant power feeds to lessen the risks involved with a generator failure (unknown).
- Joe Argona provided a proposal from Milton-Cat (dated 4/19/21) for the installation of the auto-transfer scheme and relay upgrade for the (2) main incoming feeders for the WTP – discussed at board meeting held on 6/28/21.

- Working to plan a plant shutdown to clean electrical contacts and other preventative maintenance work on electrical system.
- 9/14/2021 – Tentative plan developed by J. Argona, R. Rowe, and Ferguson Electric is to do the necessary plant shutdown on October 13.
- 9/20/2021 – J. Argona will get updated quote for Board approval of radiator replacement.

**i. WTP Roofing**

- Area over front main entrance vestibule is leaking – creating issues with drywall mold and cracking.
- Area over filter gallery with floating foam pieces – no leaks detected. Nearby roof drains have been cleaned to help with the issue - discussed at board meeting held on 5/24/21.
- A purchase order for \$8,750.00 has been submitted to Brad Farris from Tremco – work will be scheduled shortly – discussed at work session held on 7/19/21.
- 9/20/21 – Report from Tremco is included in work session packet.
- 9/20/21 – Report reviewed with Board by D. Jaros.

**j. Interior Lighting**

- As of 9/14/2021, plan is to do low-lift lighting in-house.
- Replacement fixtures installed in accessible areas of low lift were not as bright as desired, a new light was ordered to test out in the building – discussed July 19.
- 9/14/2021 – A replacement fixture has been installed and is being evaluated.
- 9/20/2021 – Per J. Argona, replacement fixture was satisfactory, more will be ordered, total cost estimated at \$5,000 to \$6,000 to do entire area.

**k. HVAC Rooftop & Make Up Air**

- Outdated units – need replacements – 4 out of the 5 units are inoperable.
- Still in need of additional units – the pandemic has brought this to the forefront, as makeup air is potentially regulated in certain environments as well as air filtration ratings.
- June 30, 2021 Quote for MUAUs totals \$263,222
- July 19 – D. Williamson and J. Meyers tasked with preparing bid specifications for this project.
- 9/20/2021 – Per J. Meyers, specifications are about 90% complete.

**l. PACL System Upgrades**

- Need SCADA professionals to finish updating our program to match the 4 PACL pumps so that all 4 pumps can be utilized with SCADA control.
- 9/20/2021 – Three of four pumps are connected to SCADA, Dr. Zehraoui will meet with C. Hotchkiss regarding connecting fourth pump.

**m. Bulk Chemical Storage Liners**

- PACL liners complete – contractor has concerns about Fluoride toxicity. Maintenance department to follow up.
- - discussed at board meeting held on 5/24/21.
- Joe Argona states he is waiting on the Canadian borders to re-open in order to receive servicing on the fluoride tank. Also, waiting on a response from the DOH regarding regulations for not dosing during the time of servicing – discussed at board meeting held on 6/28/21.
- 9/14/2021 – Still waiting for border to reopen so work can proceed.

**q. Board Member Asklar will have oversight on remodeling of the WWTP employee break room, shower area and bathrooms - discussed at board meeting held on 5/24/21.**

- Board Member Asklar states he would like to meet with Dr. Zehraoui prior to their weekly finance meetings to further discuss – discussed at board meeting held on 6/28/21.
- Administration building bathrooms have been repainted; new vanities and mirrors will be installed; budget line for ordering these is needed as discussed at July 19 work session.

**n. WTP Freeze-Thaw Bed Cleanouts**

- Freeze Thaw beds were designed with a maximum plant flow of 20 MGD, which we are now exceeding. The resulting amounts of solids have become more expensive and more difficult to have removed, and we frequently have to switch beds sooner than planned in order to maintain our SPDES permitted water quality.
- 9/20/21 – Contents of two beds have been moved to bed three, so two beds are available to WTP operations. Contents will be landfilled when dry.

**o. Carbon Silo needs repair and painting before it becomes unstable and needs demolishing.**

- i. Polymer and Carbon capabilities could be reinstated to improve plant capability.
- ii. Joe Argona to get budgetary quote for painting silo.
- iii. 9/14/2021 - NYS Industrial Coatings Quote - \$20,000; our painter can do it in house for \$5,000 to \$10,000 if we get a lift, plan is to schedule work in house for spring

- p. **WTP Rapid Mix System Upgrade**
  - We are only able to have one of our two rapid mixers connected to the emergency generator circuit. This requires us to have an electrician manually switch the circuits in order for operations to change over the rapid mixer for scheduled maintenance.
  - 9/20/2021 – Dr. Zehraoui is exploring adding the necessary switch using in-house workers.
- q. **Painting of Sedimentation plates and many various areas throughout the interior and exterior of the plant. Filter walls are peeling.**
- r. **WTP Chemical Offload Area Coating Replacement.**
  - i. Quotes obtained, NYS Industrial Coating price is \$29,750, Niagara Coatings \$29,250.
  - ii. 9/14/2021 – Exploring doing in house, would need to have contractor do the necessary soda blasting to remove existing coating, then will work to schedule job in house Spring 2022 for approx. half cost of contractor.
  - iii. 9/20/2021 – J. Argona estimates cost to complete work will be \$7,000, painter and WTP maintenance have removed much of the old coating.
- s. **Repairs to WTP Rear Perimeter Fence.**
  - i. Quotes obtained, Fox Fence with barbed wire option is \$21,611.29, Davidson \$23,480.
  - ii. 9/14/2021 – Can omit barbed wire to get under \$20,000, but will need to identify funds for this.
  - iii. 9/20/2021 – D. Williamson directed to look into possible Homeland Security grant to help fund project.

#### **14. New Business & Additional Items for Discussion**

- a. **Follow up on Auditors' Recommendations**
  - 9/20/2021 – A plan to address these will be developed during weekly meetings between staff and Chair of Finance Asklar.
- b. **WWTP Camera Installation**
  - 9/20/2021 – 3 cameras are installed, final total will be 11.
- c. **Neptune Meter Project Report**
  - 9/20/2021 – Reports on status were in work session packet.

**15. Executive Session (Anticipated for the purpose of considering matters leading to the appointment, employment, promotion, demotion, discipline, suspension, dismissal or removal of a particular persons (Public Officers Law § 105(f)).)**

*Motion by Board Member Larkin and seconded by Board Member Leffler to enter executive session to discuss matters leading to the appointment, promotion, demotion, discipline, suspension, dismissal or removal of particular persons at 5:31 p.m.*

*Asklar \_\_Y\_\_ Forster \_\_Y\_\_ Kimble \_\_Y\_\_ Larkin \_\_Y\_\_ Leffler \_\_Y\_\_*

*Motion carries, 5-0*

*Motion by Board Member Larkin and seconded by Board Member Asklar to come out of Executive Session at 6:22 p.m.*

*Motion carries, 5-0*

*Chairman Forster stated that during executive session the Board had reviewed the Executive Staff Review Committee's report on Mr. Costello, and that the report would be received and filed.*

*Motion by Board Member Larkin and seconded by Board Member Asklar to table item B (1) of the September 27, 2021 Personnel Actions Sheet.*

*Asklar \_\_Y\_\_ Forster \_\_Y\_\_ Kimble \_\_Y\_\_ Larkin \_\_Y\_\_ Leffler \_\_Y\_\_*

*Motion carries, 5-0*

*Motion by Board Member Kimble and seconded by Board Member Asklar to approve item B (2) of the September 27, 2021 Personnel Actions Sheet.*

*Asklar \_\_Y\_\_ Forster \_\_Y\_\_ Kimble \_\_Y\_\_ Larkin \_\_Y\_\_ Leffler \_\_Y\_\_*

*Motion carries, 5-0*

*Motion by Board Member Larkin and seconded by Board Member Asklar to accept the retirement of Patrick Fama effective October 15, 2021 and the retirement of Bill Wright effective December 23, 2021.*

*Asklar \_\_Y\_\_ Forster \_\_Y\_\_ Kimble \_\_Y\_\_ Larkin \_\_Y\_\_ Leffler \_\_Y\_\_*

*Motion carries, 5-0*

## 16. Adjournment of Meeting

*Motion by Board Member Larkin and seconded by Board Member Leffler to adjourn the meeting at 6:26 p.m.*

*Asklar \_\_Y\_\_ Forster \_\_Y\_\_ Kimble \_\_Y\_\_ Larkin \_\_Y\_\_ Leffler \_\_Y\_\_*

*Motion carries, 5-0*

*NIAGARA FALLS WATER BOARD RESOLUTION # 2021-10-001*

**EXTEND BID FOR GRANULATED ACTIVATED CARBON  
SUPPLY AND REMOVAL**

**WHEREAS**, in 2020 the Niagara Falls Water Board (“Water Board”) solicited bids for granulated activated carbon supply and removal and the bid was awarded to Carbon Activated Corporation for an initial term of January 1, 2021 to December 31, 2021; and

**WHEREAS**, the bid provided for a single optional one-year extension at the parties’ mutual consent, and Carbon Activated Corporation has agreed to extend the bid for an additional term of January 1, 2022 to December 31, 2022; and

**WHEREAS**, Water Board staff have been satisfied with the product and service provided by Carbon Activated Corporation and recommend the bid extension;

**NOW THEREFORE BE IT**

**RESOLVED**, that on behalf of the Niagara Falls Water Board, its Executive Director hereby is authorized execute an extension of the granulated activated carbon supply and removal bid with Granulated Activated Carbon for the period from January 1, 2022 to December 31, 2022, with recycled, reactivated carbon to be supplied at \$1,000 per ton and removal and disposal of spent granulated carbon at \$95 per ton.

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

*Water Board Budget Line or Capital Plan Item with Funds for this Resolution:*  
Budget Line: GA 8130.0100.0419.002  
Budget Line Supplied by: R. Dunn  
Budget Line Confirmed by: B. Majchrowicz

On October 25, 2021, the question of the adoption of the foregoing Resolution was duly put to a vote on roll call, which resulted as follows:

	<b>Yes</b>	<b>No</b>	<b>Abstain</b>	<b>Absent</b>
Board Member Asklar	[ ]	[ ]	[ ]	[ ]
Board Member Kimble	[ ]	[ ]	[ ]	[ ]
Board Member Larkin	[ ]	[ ]	[ ]	[ ]
Board Member Leffler	[ ]	[ ]	[ ]	[ ]
Chairman Forster	[ ]	[ ]	[ ]	[ ]

Signed By:

Vote Witnessed By:

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Nicholas J. Forster, Chairman

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Sean W. Costello, Secretary to Board

NIAGARA FALLS WATER BOARD RESOLUTION # 2021-10-002

**PROCUREMENT OF REPLACEMENT WATER METERS**

**WHEREAS**, the Niagara Falls Water Board (“Water Board”) has standardized on Neptune brand meters for residential and large meter installations as it has invested in the equipment required for remote reading, testing, calibration, and repair of Neptune meters; and

**WHEREAS**, the meter shop repairs meters when possible, but has depleted its inventory of new meters, which are required to replace defective meters that cannot be repaired, to replace meters that no longer meet accuracy standards, or for new installations; and

**WHEREAS**, TiSales is the exclusive distributor of Neptune brand meters in this region;

**NOW THEREFORE BE IT**

**RESOLVED**, that on behalf of the Niagara Falls Water Board, its Executive Director hereby is authorized to procure from TiSales an assortment of water meters meeting the needs identified by the meter shop, for a total cost not to exceed \$170,834.12.

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

*Water Board Budget Line or Capital Plan Item with Funds for this Resolution:*  
Capital Plan Line: C-2, Meter Replacement and Upgrades  
Budget Line Supplied by: D. Williamson  
Budget Line Confirmed by: B. Majchrowicz

On October 25, 2021, the question of the adoption of the foregoing Resolution was duly put to a vote on roll call, which resulted as follows:

	<b>Yes</b>	<b>No</b>	<b>Abstain</b>	<b>Absent</b>
Board Member Asklar	[ ]	[ ]	[ ]	[ ]
Board Member Kimble	[ ]	[ ]	[ ]	[ ]
Board Member Larkin	[ ]	[ ]	[ ]	[ ]
Board Member Leffler	[ ]	[ ]	[ ]	[ ]
Chairman Forster	[ ]	[ ]	[ ]	[ ]

Signed By:

Vote Witnessed By:

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Nicholas J. Forster, Chairman

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Sean W. Costello, Secretary to Board



**Ti SALES**  
**36 Hudson Road**  
**Sudbury, MA 01776-2039**

**800-225-4616**  
**978-443-2002**  
**Fax: 978-443-7600**  
**www.tisales.com**

<b>Quote</b>	QTE0051504
<b>Quoted To</b>	Bob Reid
<b>Date</b>	10/07/2021

**Sold To:** Niagara Falls Water Board  
5815 Buffalo Ave.  
Niagara Falls NY 14304-3832

**Ship To:** Niagara Falls Water Board  
5815 Buffalo Ave.  
Niagara Falls NY 14304

Customer Number	Telephone	Fax	Job Location	Job Name	Territory Manager
NIAG7	(716) 286-4371	(716) 283-9748			Marcus Anten
Expires	Estimated Delivery	Freight	Terms	Master Number	
12/06/2021	Stock To 3 Weeks		NET 30	333195	
Item Number	Description	Quantity	Price	Extension	
9719-353	4" Neptune HP Protectus III UME Integrated E-CODER R900i Cubic Feet	1	\$2,049.92	\$2,049.92	
9719-453	6" Neptune HP Protectus III UME Integrated E-CODER R900i Cubic Feet	1	\$3,049.88	\$3,049.88	
9719-553	8" Neptune HP Protectus III UME Integrated E-CODER R900i Cubic Feet	1	\$3,966.51	\$3,966.51	
R900V4	Neptune R900 RF Meter Interface Unit Wall Mount V4	40	\$112.50	\$4,500.00	
NPROTSS08EIF	8" Neptune Protectus III SS Fire Svc Meter Integrated E-CODER R900i Cubic Feet	1	\$19,296.73	\$19,296.73	
NPROTSS06EIF	6" Neptune Protectus III SS Fire Svc Meter Integrated E-CODER R900i Cubic Feet	2	\$14,976.90	\$29,953.80	
NPROTSS04EIF	4" Neptune Protectus III SS Fire Svc Meter Integrated E-CODER R900i Cubic Feet	2	\$9,269.63	\$18,539.26	
NCOMP6EIF	6" Neptune Tru-Flo Compound Meter Integrated E-CODER R900i Cubic Feet	1	\$6,442.24	\$6,442.24	
9596-252	4" Neptune Tru/Flo Compound UME Integrated E-CODER R900i Cubic Feet	6	\$2,299.91	\$13,799.46	
9596-152	3" Neptune Tru/Flo Compound UME Integrated E-CODER R900i Cubic Feet	4	\$2,133.25	\$8,533.00	
NCOMP4EIF	4" Neptune Tru/Flo Compound Meter Integrated E-CODER R900i Cubic Feet	3	\$3,929.84	\$11,789.52	
NCOMP3EIF	3" Neptune Tru/Flo Compound Meter Integrated E-CODER R900i Cubic Feet	2	\$3,082.37	\$6,164.74	
N6EIFPIT	1-1/2" Neptune T-10 Meter Integrated E-CODER R900i Cubic Feet Flanged End	6	\$797.97	\$4,787.82	
N2EIFPIT	5/8" X 3/4" Neptune T-10 Meter Integrated E-CODER R900i Cubic Feet	144	\$253.88	\$36,558.72	
RW5F93	10" Neptune HP Protectus III Register Integrated E-CODER R900i Cubic Feet	4	\$194.05	\$776.20	
11705-301	8" & 10" Neptune HP Protectus Meter Valve Cover, Epoxy Coated Fabricated Steel	1	\$603.73	\$603.73	
				<b>Subtotal</b>	<b>Continued</b>
				<b>Other Charges</b>	<b>Continued</b>
				<b>Tax</b>	<b>Continued</b>
				<b>TOTAL DUE</b>	<b>Continued</b>



36 Hudson Road  
Sudbury, MA 01776-2039

800-225-4616  
978-443-2002  
Fax: 978-443-7600  
www.tisales.com

Quote	QTE0051504
Quoted To	Bob Reid
Date	10/07/2021

**Sold To:** Niagara Falls Water Board  
5815 Buffalo Ave.  
Niagara Falls NY 14304-3832

**Ship To:** Niagara Falls Water Board  
5815 Buffalo Ave.  
Niagara Falls NY 14304

<b>Customer Number</b>	<b>Telephone</b>	<b>Fax</b>	<b>Job Location</b>	<b>Job Name</b>	<b>Territory Manager</b>
NIAG7	(716) 286-4371	(716) 283-9748			Marcus Anten
<b>Expires</b>	<b>Estimated Delivery</b>	<b>Freight</b>	<b>Terms</b>	<b>Master Number</b>	
12/06/2021	Stock To 3 Weeks		NET 30	333195	
<b>Item Number</b>	<b>Description</b>	<b>Quantity</b>	<b>Price</b>	<b>Extension</b>	
8316-312	Neptune Strainer Cover O-Ring For 4" Protectus III Meters, It Is Also The 8" & 10" Main Valve Cover For Protectus III Fire Service Meters 2006 And After	1	\$22.59	\$22.59	
Quoted By:		Joe Demeo			
<b>Visit our website @ <a href="http://www.tisales.com">www.tisales.com</a></b>			<b>Subtotal</b>	\$170,834.12	
			<b>Other Charges</b>	\$0.00	
			<b>Tax</b>	\$0.00	
			<b>TOTAL DUE</b>	\$170,834.12	

*If you are in agreement with this quote and wish to order, please sign, date, and fax back to 978-443-7600 or email us at [orders@tisales.com](mailto:orders@tisales.com)*

Signature: \_\_\_\_\_ Date: \_\_\_\_\_

**WWTP MAIN SUBSTATION GROUNDING AND STONING REFURBISHMENT**

**WHEREAS**, the Niagara Falls Water Board (“Water Board”) wastewater treatment plant contains a large electrical substation that requires a new grounding grid, landscape fabric, and stone to keep it in safe operating condition; and

**WHEREAS**, this scope of work originally was included with various other work in the bid for WWTP Project No. 5, but that project now has been bid twice without acceptable, in-budget bids; and

**WHEREAS**, CPL and Water Board staff believe it is a critical safety issue to complete the substation grounding and stoning work as soon as possible and prior to winter; and

**WHEREAS**, this work can be performed pursuant to the previously bid and awarded indefinite quantity/indefinite delivery contract between the Water Board and Ferguson Electric Co. for high voltage, service, switchgear inspection, and emergency work within Water Board facilities; and

**WHEREAS**, Ferguson has presented a quote in the amount of \$146,562 to perform the required work;

\* CONTINUED ON NEXT PAGE \*

**NOW THEREFORE BE IT**

**RESOLVED**, that on behalf of the Niagara Falls Water Board, its Executive Director hereby is authorized to pay to Ferguson Electric Co. up to \$146,562 for installation of new grounding and stone at the wastewater treatment plant's main substation, provided Ferguson agrees in writing to comply with the requirements of the Environmental Facilities Corporation in order for the costs of the project to be partially reimbursable under the Water Board's State and Municipal Facilities Program ("SAM") Grant, Project ID No. 15688.

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

*Water Board Budget Line or Capital Plan Item with Funds for this Resolution:*  
Capital Plan Item WWTP 5, Electrical System Improvements  
Capital Line Supplied by: D. Williamson  
Available Funds Confirmed by: B. Majchrowicz

On October 25, 2021, the question of the adoption of the foregoing Resolution was duly put to a vote on roll call, which resulted as follows:

	<b>Yes</b>	<b>No</b>	<b>Abstain</b>	<b>Absent</b>
Board Member Asklar	[    ]	[    ]	[    ]	[    ]
Board Member Kimble	[    ]	[    ]	[    ]	[    ]
Board Member Larkin	[    ]	[    ]	[    ]	[    ]
Board Member Leffler	[    ]	[    ]	[    ]	[    ]
Chairman Forster	[    ]	[    ]	[    ]	[    ]

Signed By:

Vote Witnessed By:

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Nicholas J. Forster, Chairman

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Sean W. Costello, Secretary to Board

**Service Division**

Your exclusive TEGG® Service provider

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

October 12, 2021

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

Attention: Mr. Jay Meyers, P.E.

Re: Main Substation: Grounding and Stoning,  
FES# PL22711

Dear Mr. Meyers,

We are pleased to submit this proposal for the installation of new stone and grounding in the main substation.

We will:

- Clean up the debris and miscellaneous parts scattered throughout the substation. Parts will be left onsite.
- Remove the existing stone from the substation (stone will be left onsite).
- Install new ground grid throughout the substation.
- Bond to substation structures.
- Furnish and install Geotech fabric over area.
- Furnish and install 6" of #2 crush stone.

Our price for the above is **ONE HUNDRED FORTY-SIX THOUSAND FIVE HUNDRED SIXTY-TWO DOLLARS (\$146,562.00)**. Our price is subject to all applicable sales tax unless otherwise directed by your order to proceed. Our price is based on performing the work during straight-time hours, 7:00 a.m. – 3:30 p.m., Monday through Friday, excluding Sundays or holidays.

Notes:

- We will perform all work strictly according to Article 70E of the NFPA dealing with the Arc Flash Protection.
- The above work scope will be completed in 2 phases and will require a utility outage from National Grid.
- We will de-energized one side at a time to ensure power is maintained at the facility while the work is being performed.
- Should any utility costs incur, a separate invoice will follow as there are no utility costs included in our proposal.

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

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

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

Respectfully Submitted,

**FERGUSON ELECTRIC SERVICE CO., INC.**

A handwritten signature in black ink, appearing to read "Dan Schultz", with a long horizontal line extending to the right.

Daniel R. Schultz  
Electrical Services Manager

*NIAGARA FALLS WATER BOARD RESOLUTION # 2021-10-004*

**WWTP 480v BREAKER RETROFIT**

**WHEREAS**, the Niagara Falls Water Board (“Water Board”) wastewater treatment plant’s electrical system has a number of critical components requiring repair, replacement, or refurbishment; and

**WHEREAS**, Water Board staff have identified as a critical item required for continued treatment plant operations in the event of a failure the need for a functional spare 480v breaker; and

**WHEREAS**, the existing spare 480v breakers can meet this need for redundancy by retrofitting them through cleaning, testing, inspection, and installation of new electronic trip units; and

**WHEREAS**, this scope of work was originally included with various other work in the bid for WWTP Project No. 5, but that project now has been bid twice without acceptable, in-budget bids; and

**WHEREAS**, CPL and Water Board staff believe it is critical to have redundant 480v breakers as soon as possible and prior to potential electrical issues this winter; and

**WHEREAS**, this work can be performed pursuant to the previously bid and awarded indefinite quantity/indefinite delivery contract between the Water Board and Ferguson Electric Co. for high voltage, service, switchgear inspection, and emergency work within Water Board facilities; and

**WHEREAS**, Ferguson has presented a quote in the amount of \$55,200 to perform the required work;

\* CONTINUED ON NEXT PAGE \*

**NOW THEREFORE BE IT**

**RESOLVED**, that on behalf of the Niagara Falls Water Board, its Executive Director hereby is authorized to pay to Ferguson Electric Co. up to \$55,200 to retrofit the spare 480v breakers at the wastewater treatment plant, provided Ferguson agrees in writing to comply with the requirements of the Environmental Facilities Corporation in order for the costs of the project to be partially reimbursable under the Water Board's State and Municipal Facilities Program ("SAM") Grant, Project ID No. 15688.

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

*Water Board Budget Line or Capital Plan Item with Funds for this Resolution:*  
Capital Plan Item WWTP 5, Electrical System Improvements  
Capital Line Supplied by: D. Williamson  
Available Funds Confirmed by: B. Majchrowicz

On October 25, 2021, the question of the adoption of the foregoing Resolution was duly put to a vote on roll call, which resulted as follows:

	<b>Yes</b>	<b>No</b>	<b>Abstain</b>	<b>Absent</b>
Board Member Asklar	[    ]	[    ]	[    ]	[    ]
Board Member Kimble	[    ]	[    ]	[    ]	[    ]
Board Member Larkin	[    ]	[    ]	[    ]	[    ]
Board Member Leffler	[    ]	[    ]	[    ]	[    ]
Chairman Forster	[    ]	[    ]	[    ]	[    ]

Signed By:

Vote Witnessed By:

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Nicholas J. Forster, Chairman

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Sean W. Costello, Secretary to Board



**Service Division**

Your exclusive TEGG® Service provider

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

October 12, 2021

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

Attention: Mr. Jay Meyers, P.E.

Re: Retrofit the spare 480volt breakers draw-out circuit breakers with a new electronic trip unit.  
FES Proposal # PL22712

Dear Mr. Meyers,

We are pleased to submit this proposal to clean, test, inspect, and install a new electronic trip unit on the existing 480volt breakers.

Our price for the above is **FIFTY-FIVE THOUSAND TWO HUNDRED DOLLARS (\$55,200.00)**. Our price is subject to all applicable sales tax unless otherwise directed by your order to proceed. Our price is based on performing the work during straight-time hours, 7:00 a.m. – 3:30 p.m., Monday through Friday, excluding Sundays or holidays.

Notes:

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

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

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

Respectfully Submitted,

**FERGUSON ELECTRIC SERVICE CO., INC.**



Daniel R. Schultz  
Electrical Services Manager

*NIAGARA FALLS WATER BOARD RESOLUTION # 2021-10-005*

**ACCEPTING CPL ENGINEERING SERVICES PROPOSAL  
FOR 18TH STREET WATER MAIN REPLACEMENT BETWEEN  
WHITNEY AVENUE AND ONTARIO AVENUE**

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

**WHEREAS**, the City of Niagara Falls Engineering Department had been assisting the Water Board with design, bidding, and construction-phase services for several of these projects, but has been unable to complete the design and bidding documents for the replacement of a section of 20-inch water main on 18th Street between Whitney Avenue and Ontario Avenue; and

**WHEREAS**, the Water Board desires to complete the 18th Street water main replacement as soon as possible to avoid breaks and associated service disruptions; and

**WHEREAS**, CPL has presented a proposal dated September 24, 2021 to perform the required engineering design and bidding work for the water main replacement for a total fee of \$108,850; and

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

**WHEREAS**, CPL has agreed to comply with EFC design and construction requirements and will be required to comply with the Water Board’s Minority and Women’s Business Enterprises (“MWBE”) and Service-Disabled Veteran Owned Business (“SDVOB”) requirements; and

**WHEREAS**, pursuant to Water Board Procurement Policy Section 5.8.4, this professional services agreement (1) was not the subject of an RFP because of the Water Board’s experience with CPL and CPL’s familiarity with the water distribution system from prior projects; (2) no other firms informally were solicited for proposals; and (3) the procurement is not being postponed to permit an RFP because the Water Board deems it necessary to proceed with this water main replacement as soon as practicable to avoid breaks and service disruption, and because it recently settled a lawsuit over a previous break in this section of water main and does not wish to experience further claims associated with this section of water main;

**NOW THEREFORE BE IT**

**RESOLVED**, that the Niagara Falls Water Board hereby authorizes the Executive Director to enter into an agreement with CPL consistent with that firm's September 24, 2021 proposal to perform design and bidding engineering services for the replacement of the 20-inch water main on 18th Street between Ontario and Whitney Avenues for a total fee not to exceed \$108,850.

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

*Water Board Budget Line or Capital Plan Item with Funds for this Resolution:*  
Draft CIP Item No. W-10, 18th Street Main, Ontario Avenue to Whitney Avenue  
Capital Line Supplied by: D. Williamson  
Available Funds Confirmed by: B. Majchrowicz

On October 25, 2021, the question of the adoption of the foregoing Resolution was duly put to a vote on roll call, which resulted as follows:

	<b>Yes</b>	<b>No</b>	<b>Abstain</b>	<b>Absent</b>
Board Member Asklar	[    ]	[    ]	[    ]	[    ]
Board Member Kimble	[    ]	[    ]	[    ]	[    ]
Board Member Larkin	[    ]	[    ]	[    ]	[    ]
Board Member Leffler	[    ]	[    ]	[    ]	[    ]
Chairman Forster	[    ]	[    ]	[    ]	[    ]

Signed By:

Vote Witnessed By:

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Nicholas J. Forster, Chairman

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Sean W. Costello, Secretary to Board



September 24, 2021

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

**RE: Proposal for Professional Engineering Services  
18<sup>th</sup> Street Water Main Replacement**

Dear Chairman Forster:

We are pleased to submit our proposal to provide professional engineering services for replacement of an existing 20" transmission water main along 18<sup>th</sup> Street (approximately 0.6 miles in length from Whitney Ave. to Ontario) in the City of Niagara Falls (W-10) per the Niagara Falls Water Board (NFWB) Capital Improvement Plan. As you review our proposal please consider our firm's strengths, which include:

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

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

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

It is our understanding that the NFWB would like to replace the existing 20" transmission water main along 18<sup>th</sup> Street. Our proposal includes alternative analysis, survey, soil borings, full design and permitting, and bidding. Survey data will be field verified during site visits prior to designing the work.

Following field survey work, CPL will evaluate existing utilities along the 18<sup>th</sup> Street right-of-way to determine if the water main will be replaced in the existing location or a new trench and abandoned in place. CPL will develop an engineer's estimate for each alternative and review with NFWB to identify the suitable layout to meet the present and future needs of the NFWB system. We will utilize the knowledge gained from the preliminary assessment to prepare bid documents necessary for the proposed watermain replacements.

Our drawings for this work will be completed utilizing available tax map and geospatial data combined with a full survey from right of way to right away along each roadway, as well as record drawings provided by NFWB. A permit will be obtained from the Department of Health for the proposed improvements. CPL will develop documentation for obtaining the permit(s), and NFWB will be responsible for permit fees imposed by permitting agencies.



Furthermore, partial funding is being provided through a combination of grants and loans from the NYS Environmental Facilities Corporation (EFC). CPL will comply with the EFC design and construction requirements including MWBE and AIS compliance where feasible. Please note this does not include coordination with EFC for financial reimbursements. Also, the SEQR environmental process was previously completed during grant application. No additional SEQR documentation is anticipated. If project work areas change from prior SEQR approval, additional documentation would be required. If this occurs, CPL can provide assistance as additional services.

Once the design is complete, we will work with the NFWB to advertise the project for bids, attend the bid opening, and make a recommendation after reviewing each contractors' bid.

\*Note: As construction duration varies depending on the piping type and final project scope, following design, Construction Administration and Construction Inspection services will be proposed under a supplemental engineering services request.

Our fee for each project is as follows:

**20" Water Main Replacement (18<sup>th</sup> Street)**

Task 1:	Survey, Design, and Develop Bid Documents	\$ 104,350.00
Task 3:	Bidding Assistance	\$ 4,500.00
Task 4:	Construction Administration	TBD*
Task 5:	Construction Inspection	TBD*
	<b>Total</b>	<b>\$108,850.00</b>

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

Very truly yours,  
CPL

A handwritten signature in blue ink, appearing to read 'Richard B. Henry III'.

Richard B. Henry III, P.E.  
President