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**Working Session of the
Niagara Falls Water Board
January 24, 2022 at 5:00 p.m.
5815 Buffalo Avenue
Niagara Falls, NY 14304**

*****Meeting to be held via conference call pursuant to
Chapter 417 of the Laws of 2021 as amended by Chapter 1 of the Laws of 2022.
Visit 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. 2022-01-18 - Correspondence from Mayor Restaino Reappointing Chairman Forster for Term Ending December 31, 2024**
- b. 2022-01-07 - Representative Higgins to Governor Hochul, Supporting NFWB Infrastructure Investment**
- c. 2022-12-28 – Correspondence from Niagara County Legislature Chairman Becky Wydysh to Governor Hochul, Supporting NFWB Infrastructure Initiative**
- d. Niagara County Legislature Resolution IL-033-21, In Support of the Niagara Falls Water Board 2021 Infrastructure Initiative**

5. **Executive Director – Dr. Abderrahman Zehraoui**
 - a. **WWTP Project Budget Tracker (CPL)**
 - b. **WWTP Construction Schedule Tracker (CPL)**
 - c. **Financial Award Summary (CPL)**
 - d. **CPL Update on WWTP Project 1 (Sedimentation Basin 5 Status)**
6. **Outside Infrastructure Updates – Michael Eagler**
7. **Engineering – Douglas Williamson**
 - a. **Status of 2022 CIP Plan and Grants**
 - i. **January 14, 2022 Draft CIP**
8. **Personnel Items – John Accardo**
 - a. **January 31, 2022 Personnel Actions Sheet**
 - b. **January 19, 2022 Organizational Chart**
9. **Information Technology (IT) – Dr. Abderrahman Zehraoui**
10. **Finance – Brian Majchrowicz**
 - a. **Revenue Budget Performance Report through December 31**
 - b. **Sewer Fund Expense Budget Performance Report through December 31**
 - c. **Water Fund Expense Budget Performance Report through December 31**
 - d. **Board Fund Expense Budget Performance Report through December 31**
 - e. **Capital Payments – November and December 2021**
 - f. **Key Bank and Bank on Buffalo Balance Report**
 - g. **Wilmington Trust Balance Report**
 - h. **Treasury Account Balance Report**
11. **December 2021 Operations and Maintenance Report**
12. **Safety – John Accardo**
13. **General Counsel and Secretary – Sean Costello**
 - a. **Draft December 13, 2021 Meeting Minutes**

14. From the Chairman

15. Resolutions

2022-01-001 – LUCITY SOFTWARE SUPPORT AND MAINTENANCE RENEWAL

- a. Lucy Renewal Invoice from Tritech Software Systems**

**2022-01-002 – AWARD WATER TREATMENT PLANT ELECTRICAL RELOCATION
BID**

- a. CPL Award Recommendation Letter – WTP Electrical Relocation**
- b. Bid Tabulation – WTP Electrical Relocation**

**2022-01-003 – AWARD WATER TREATMENT PLANT HVAC AND PLUMBING
RELOCATION, AND WASTEWATER TREATMENT PLANT DUCTWORK
REPLACEMENT, BID**

- a. CPL Award Recommendation - WTP HVAC Relocation and WWTP
Ductwork Replacement**
- b. Bid Tabulation - WTP HVAC Relocation and WWTP Ductwork
Replacement**

Anticipated Possible Additional Resolution(s) for Regular Meeting:

- 1. Accepting Proposal for Wastewater Treatment Plant Intermediate Pumps Assessment,
RFP 2021-04*
- 2. Authorizing Extension of Agreement With AECOM for Misc. and Consent Order
Tasks, Including Onsite Environmental Monitor Using Funds Previously Approved
for Other AECOM Consent Order Projects*

16. Additional Comments from Chairman Forster

17. Unfinished/Old Business

18. New Business & Additional Items for Discussion

19. Executive Session (if needed)

20. Adjournment of Meeting



City of Niagara Falls, New York

Robert M. Restaino

Mayor

January 18, 2022

Nicholas Forster
3206 Michigan Avenue
Niagara Falls, NY 14305

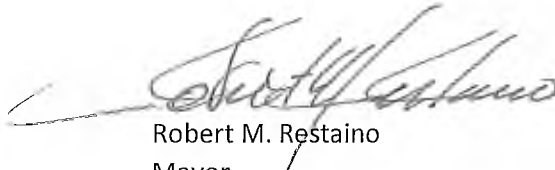
Dear Mr. Forster,

Please be advised that pursuant to the authority granted to me in Subdivision 2 of Section 1230-e of the New York Public Authorities Law, I hereby appoint you to the Niagara Falls Public Water Board. Your term will expire December 31, 2024.

I am confident that your involvement will be an asset to the work of the Board, and I appreciate your willingness to serve.

Please contact Abderrahman Zehraoui, the Executive Director of the Niagara Falls Public Water Board at (716) 283-9770, extension 2113, for information on filing your oath of office and upcoming activities related to the Water Board.

Very truly yours,



Robert M. Restaino
Mayor

Cc: Abderrahman Zehraoui, Executive Director, Niagara Falls Public Water Board
City Clerk

BRIAN HIGGINS
26TH DISTRICT, NEW YORK

COMMITTEE ON WAYS AND MEANS
SUBCOMMITTEE ON HEALTH
SUBCOMMITTEE ON TRADE
SUBCOMMITTEE ON SOCIAL SECURITY

COMMITTEE ON THE BUDGET

ASSISTANT WHIP

Congress of the United States
House of Representatives
Washington, DC 20515-3226

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WASHINGTON, DC 20515
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BUFFALO, NY 14210
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800 MAIN STREET
SUITE 3C
NIAGARA FALLS, NY 14301
(716) 282-1274
(716) 282-2479 (FAX)
higgins.house.gov

January 7, 2022

Hon. Kathy Hochul
Governor of the State of New York
The Capitol
Albany, NY 12224

Re: Support for the Niagara Falls Water Board's proposed conversion of their sewer treatment from chemical to biological systems.

Dear Governor Hochul:

As you know, the Niagara Falls Water Board faces pressing needs which cannot be met with the resources available to them locally. In addition to serious problems on the water distribution side of their operation, their sewer treatment plant is one of only a handful of chemical-based sewage treatment plants in the United States, while sewer plants based on biological processes are the norm. Several problems flow from this, not least of which the fact that the dramatic rise in chemical costs has made the ongoing operation of the plant too expensive for ratepayers, and the fact that the plant has, from time to time, despoiled one of the great natural wonders of the world with plumes of filthy black discharge.

Previous gubernatorial administrations have provided incremental assistance to the Board which, while well intentioned, has caused the Board to double-down on the failed strategy of continuing chemical treatment rather than converting to biological processes. The board is now carrying more than \$80 million in debt, much of which is servicing bonds that paid for a plant that economics and other factors have rendered obsolete.

The newly-enacted Infrastructure Investment and Jobs Law dramatically ramps up federal aid for sewer work, increasing annual federal contributions to state Clean Water Revolving Loan Funds incrementally each year through 2026, when it will have increased 59% over pre-existing levels. New financing through this mechanism will not be sufficient, however, to meet the needs of the Niagara Falls Water Board, as these awards are generally less than \$10 million, and the solution to this problem may cost something on the order of \$200 million. All possible resources from across multiple agencies must be brought to bear, with solutions ranging from the refinancing or forgiveness of existing debt through the Environmental Facilities Corporation, or the meaningful participation of the New York Power Authority,

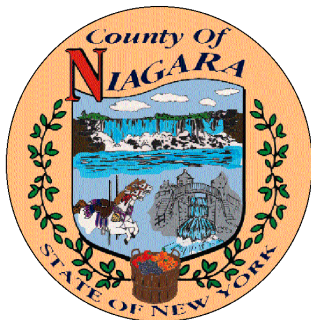
as the construction of the immensely profitable Robert Moses Power Plant in 1960 and 1961 had far-ranging impacts on the NFWB's operations.

Thank you very much Governor, for your attention and concern regarding this matter, and for your leadership.

Sincerely,

A handwritten signature in blue ink, reading "Brian Higgins", followed by a small flourish.

Brian Higgins
Member of Congress



NIAGARA COUNTY LEGISLATURE
NIAGARA COUNTY COURTHOUSE
175 HAWLEY STREET
LOCKPORT, NY 14094-2470

REBECCA J. WYDYSH
Chairman

ALYSA T. MORAN
Clerk

(716) 439-7000
(716) 439-7124 Fax

December 28, 2021

Honorable Kathy Hochul
Governor, New York State
NYS Capitol Building
Albany, NY 12224

RE: Niagara Falls Water Board

Dear Governor Hochul:

I write today to ask you to join in support of the Niagara Falls Water Board 2021 Infrastructure Initiative. I know you have made investment in public infrastructure a top priority and as such, the weight of your office behind this proposal is important to securing the necessary funding.

The Niagara Falls Water Board has undertaken an effort to garner public and private sector support for the effort entitled "Request for Federal Infrastructure Funding" and has successfully gotten labor unions, business organizations and officials at all levels of government on board. This has led to local editorial boards backing the project as one of regional importance.

The purpose of the project is to convert and modify the Water Board's Waste Water Treatment Plant (WWTP), from a "physical-chemical process" using activated carbon filtration, to an up-to-date biological process. The current WWTP is the largest remaining physical-chemical treatment plant in the country. It is inefficient, costly, and, as evidenced by the July 2017 incident causing the infiltration of "black water" into the lower Niagara River, threatens to harm the river and other Great Lakes waterways.

According to the Water Board, the estimated cost of the conversion and modification exceeds the sum of \$200 million. In addition, the Water Board is seeking funding in the amount of approximately \$50 million to replace aged and inefficient water mains and pipes throughout the City of Niagara Falls. Without substantial support from state and federal sources the two projects are not economically feasible. As more time passes, the environmental harm only worsens and the cost of these projects increase. That is why we must act now.

Thank you for your consideration.

Sincerely,

Becky Wydysh
Chairman
Niagara County Legislature

NIAGARA COUNTY LEGISLATURE

FROM: Legislators Mark J. Grozio, Dennis F. Virtuoso, Christopher A. Robins, Owen T. Steed and Anita Mullane DATE: 10/19/21 RESOLUTION #: LL-033-21

APPROVED BY CO. ATTORNEY	REVIEWED BY CO. MANAGER	COMMITTEE ACTION	LEGISLATIVE ACTION
			Approved: Ayes _____ Abs. _____ Noes <u>0</u>
			Rejected: Ayes _____ Abs. _____ Noes _____
			Referred: _____

RESOLUTION IN SUPPORT OF THE NIAGARA FALLS WATER BOARD 2021 INFRASTRUCTURE INITIATIVE

WHEREAS, the Niagara Falls Water Board has undertaken an effort to garner public and private sector support for an effort entitled "Request for Federal Infrastructure Funding", and

WHEREAS, the said request details the need for funding the conversion and modification of the Water Board's Waste Water Treatment Plant (WWTP), from a "physical-chemical process" using activated carbon filtration, to an up-to-date biological process, and

WHEREAS, the WWTP is the largest remaining physical-chemical treatment plant in the country, and

WHEREAS, the WWTP is inefficient, costly, and, as evidenced by the July 2017 incident causing the infiltration of "black water" into the lower Niagara River, threatens to harm the river and other Great Lakes waterways, and

WHEREAS, the estimated cost of the conversion and modification exceeds the sum of \$200 million, and

WHEREAS, the Water Board is also seeking funding in the amount of approximately \$50 million to replace aged and inefficient water mains and pipes throughout the City of Niagara Falls, and


WHEREAS, without substantial support from state and federal sources the two projects are not economically feasible, now, therefore, be it

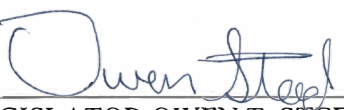
RESOLVED, that the Niagara County Legislature hereby formally expresses its support for the Niagara Falls Water Board Infrastructure Initiative and urges the responsible federal and state to carefully consider the projects identified in the initiative, and it is further

RESOLVED, that the Clerk is directed to forthwith direct copies of this Resolution to United States Senators Chuck Schumer and Kirsten Gillibrand, to Representatives Brian Higgins and Chris Jacobs, to New York State Senate Minority Leader Robert Ort, and to New York State Assemblymen Angelo Morinello and Michael Norris.


LEGISLATOR MARK J. GROZIO


LEGISLATOR DENNIS F. VIRTUOSO


LEGISLATOR CHRISTOPHER A. ROBINS


LEGISLATOR OWEN T. STEED


LEGISLATOR ANITA MULLANE



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

Last Updated: 1/19/2022

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. Currently installing chains, flights, and remaining accessories. Still waiting on drive unit delivery to finalize installation and begin startup.
			CA (CPL - Approved)	\$97,500	51%	
			CI (CPL & Subcontractor - Approved)	\$357,500	17%	
			GEN Construction (Hohl - Per Bid - Approved)	\$7,422,010	39%	
			ELEC Construction (CIR - Per Bid - Approved)	\$894,100	31%	
			Project Total	\$9,180,110	40%	
			Remaining Budget	\$1,209,890		
GPS		\$4,100,000	Design and Bidding (GHD - Approved)	\$218,800	100%	HVAC equipment installation complete, waiting on final controls tie in and startup. STC on hold waiting for pump delivery scheduled for April). (Now
			CA (GHD - Approved)	\$158,430	78%	
			CI (GHD Subcontractor - Approved)	\$156,800	59%	
			GEN Construction (STC - Per Bid - Approved)	\$2,653,000	68%	
			ELEC Construction (CIR - Per Bid - Approved)	\$418,300	75%	
			HVAC Construction (Danforth - Per Bid - Approved)	\$864,400	90%	
			Project Total	\$4,469,730	75%	
			Remaining Budget	(\$369,730)		
Screens and Grit Transportation Equipment Improvements		\$1,920,000	Design and Bidding (Arcadis - Approved)	\$166,786	100%	Construction continues on polymer equipment improvements. Majority of equipment is now onsite and phasing in of improvements is underway.
			CA (Arcadis - Approved)	\$88,529	88%	
			CI (Arcadis Subconsultant - Approved)	\$59,000	27%	
			GEN Construction (Hohl - Per Bid - Approved)	\$1,527,000	43%	
			ELEC Construction (CIR - Per Bid - Approved)	\$140,800	49%	
			Project Total	\$1,982,115	50%	
			Remaining Budget	(\$62,115)		
Granular Activated Carbon and Filter Support Gravel Replacement		\$2,000,000	Design, Bidding, and CA/CI (AECOM - Approved)	\$90,793	100%	Construction Complete.
			GEN Construction (Carbon Activated - Per Bid - Approved)	\$1,626,875	100%	
			Final Project Total	\$1,717,668	100%	
			Final Remaining Budget	\$282,332		

Electrical System Improvements		\$2,610,000	Design/E.I. Team - Approved	\$102,120	100%	Currently reviewing EI team revised documents in preparation for re-bid in the next month.			
			Phase 2 Design - Approved	\$198,941	93%				
			CA/CI/TBD - Approved	\$65,374	0%				
			Const. - Per original project Budget (EI Team Estimates \$6M)	\$2,064,555	0%				
			Task 1 Construction - Ferguson - Approved	\$179,010	100%				
			Project Total	\$2,610,000	18%				
			Remaining Budget	\$0					
			Design, Bid, and CI (AECOM - Approved)	\$190,233	100%				
			GEN Construction (M&B - Per Bid - Approved)	\$1,366,000	100%				
			ELEC Construction (Ferguson - Per Bid - Approved)	\$108,000	100%				
Effluent Disinfection		\$3,650,000	ELEC Construction (Ferguson - Approved Proposal - Network Improvements)	\$400,000	100%	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	100%				
			Remaining Budget	\$1,585,767					
			Design, Bidding, and CA/CI (E.I. Team - Approved)	\$111,800	100%				
			CA/ CI (EI Team - Approved)	\$28,520	11%				
			ELEC Construction (CIR - Per Bid - Approved)	\$177,363	0%				
			HVAC Construction (Danforth - Per Bid - Approved)	\$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					
			Piping Assessment Report (Ramboll - Approved)	\$59,770	100%				
			Design, Bidding, and CA/CI (JMD - Approved)	\$114,560	55%				
			Construction - (MLP - Per Bid - Approved)	\$428,300	71%				
			Running Total	\$602,630	20%				
			Remaining Budget	(\$37,370)					
Replacement of Process Piping		\$640,000	Phase 1 Design/ Construction/Kaman - Approved	\$352,450	61%	Piping has been installed and is currently being prepared for final painting and project closeout.			
			Phase 2 Design/ Construction - Approved (For Project #6)	\$146,200					
			Running Total	\$498,650	61%				
			Remaining Budget	(\$43,650)					
			Anticipated Total Cost (Percentage of Total Budget)		\$24,314,937		Remaining Phase 1 Budget	\$2,685,063	
			Phase 1 Budget Total =		\$27,000,000				
			SCADA Improvements		\$455,000				Kaman continues SCADA upgrade work and coordination with Capital Project Engineers.

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

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

Project	Scope of Work	Budget	Scope/Vendor	Estimated Task	% Billed	Recent Work Update
Session A	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		
Session A	18" Plant Drain Upgrade	\$225,000	11A Design, Bidding, and CA/CI (JMD - Approved)	\$15,890	57%	New sodium hypo tubing has been pulled through casing pipe. New fan and duct work installed. Waterline connection in pump gallery complete.
			Const. (Danforth - Per Bid - Approved)	\$169,000	0%	
			Running Total	\$184,890	5%	
			Remaining Budget	\$40,110		
Session B	Hypo and Sludge Improvements	\$975,000	11B Design, Bidding, and CA/CI (JMD - Approved)	\$52,965	53%	
			Const. (Danforth - Per Bid - Approved)	\$457,800	0%	
			Running Total	\$510,765	6%	
			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: 1/17/22

Note: Changes from last summary are in red text



Description	Amount	Source	Status
AWARDED			
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 GRANT Portion	\$5,495,000 total \$3,000,000 grant \$2,495,000 loan	NYS EFC DWSRF 18588	City Engineer and Urban Engineers started design on two streets. CPL started design on 77th Street & Whitney Ave. NFWB awaiting invoicing paperwork from City before grant pay request can be made to EFC.
Various Watermain Improvements 2018 LOAN Portion	\$5,495,000 total \$3,000,000 grant \$2,495,000 loan	NYS EFC DWSRF 18588	City Engineer and Urban Engineers started design on two streets. CPL 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.
Sewer Plant Phase 1 Improvements	\$13,500,000 grant	NYS DASNY ID #15688	Awarded. Six reimbursements received that total \$3.5 million.
Sewer Plant Phase 1 Improvements	\$13,500,000 loan long term \$27,000,000 loan short term	NYS EFC #C9-6603-12-00	Financial agreement has been processed April 2021. Disbursement request #1 for \$1.6 million has been received by NFWB. EFC 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.
LaSalle Sewer Area Phase 2 system report update & flow monitoring	\$250,000 total \$100,000 grant \$150,000 NFWB Match	NYSDEC Engineering Planning Grant	Application submitted 7/30/21. Grant awarded December 2021. EFC requires certain paperwork by June 30, 2022. NFWB team to discuss study work scope with DEC. NFWB to obtain proposals.
LaSalle Sewer Area Phase 2 Construction	\$1,000,000 total \$800,000 grant \$200,000 NFWB match	NYSDEC WQIP	Application submitted 7/30/21. Grant awarded December 2021. NFWB team to discuss work scope with DEC to ensure DEC okay with proposed improvements.

NFWB Financial Award Summary

Last Updated: 1/17/22

Note: Changes from last summary are in red text



Description	Amount	Source	Status
FUTURE			
2021 Various Watermain & System Improvements	\$10,025,000 total \$3,000,000 grant \$7,025,000 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. Board approved resolution 10/25/21. Application to EFC made 11/19/21. Anticipate award announcement in spring 2022.
2021 Various Sewer & System Improvements	\$4,500,000 total \$1,125,000 grant \$3,375,000 loan	NYS EFC	Board approved resolution 10/25/21. Application to EFC made 11/19/21. Anticipate award announcement in spring 2022.
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. Several meetings with officials and WNY funding delegation. CPL submitted financial application to EFC IUP list 1/11/21.
Large Funding Request Lead Removal	\$70,000,000	NYS & Federal	Effort underway with officials for request. Several meetings with officials and WNY funding delegation. CPL to prepare with NFWB staff, list and cost of mains to be replaced.

From: Abderrahman Zehraoui
Sent: Tuesday, January 4, 2022 10:19 AM
To: forsternick@yahoo.com; Sean Costello
Subject: Fwd: Project-1, Basin-5 Status

FYI

Sent from my iPhone

Begin forwarded message:

From: Jay Meyers <JMeyers@cplteam.com>
Date: January 4, 2022 at 7:36:56 AM EST
To: Abderrahman Zehraoui <azehraoui@nfwb.org>
Cc: Theodore Donner <tdonner@cplteam.com>, Dave Jaros <djaros@cplteam.com>, Robert Dunn <rdunn@nfwb.org>
Subject: Project-1, Basin-5 Status

Current Status of Basin 5:

- Chain and Flight mechanically installed 90%. Excluding Grout
 - 5% flights assembled but not on guides so that we can continue other work, would need **1-2 days** to complete.
 - 5% to install drives mechanically, this will be completed **this week**.
- Chain and Flight Drive Platform walkway and Handrail 100% installed.
 - Some modification needed to existing HR, waiting for the parts.
- Sprocket Motion Sensors in place
- Tipping pole sensors in place, will add some spacers to prevent mechanical interferences.
- New Weir Troughs are currently being installed.
 - Expect to complete by end of **next week (1/14)**.
 - This includes levelling new finger weirs to the existing finger weirs.
- New Walkways, in position.
 - Need to be anchored and welded, East Bridge only, West will need to be raised slightly for work on Basin 4. **(5days)**
- New Scum Boxes 100% installed.
- Scum Collector Pipe:
 - Pipes have been trimmed to meet new situation. (approx. 2" ea.)
 - Bearing ends have been freed up and lubricated.
 - Cut area has been painted.
 - Ready to install when Weirs are complete. **(2days)**
 - Note: we do not have the turning collars and poles as they were removed by NFWWTP.
- Floating Scum Baffle:
 - Concrete piers in place
 - 2 Steel Beams in Place 2 need to be anchored. **(2 days)**
 - Waiting trolley completion so Baffle can be ordered to correct dimensions.
- Sludge Drive Platform Installed .
- Grit Screw:
 - Screw Replaced.
 - Drive Chain and Hot Box on Hand.

- Waiting for Drive, once on hand **2-3 days to install** Drive, Chain, and Hotbox mechanically.
- Grating ready to install once drive is done **(1day)**.
- Expect Pushbutton Station in **2 weeks**
- Sludge Screw:
 - Screw Replaced.
 - Drive Chain and Hot Box on Hand.
 - Waiting for Drive, once on hand **2-3 days to install Drive**, Chain, and Hotbox mechanically.
 - Expect Pushbutton Station in **2 weeks**
- Flocculation Zone:
 - Drive Chain and Hot Box on Hand
 - Waiting for Drive, once on hand **2-3 days to install Drive**, Chain, and Hotbox mechanically.
 - Expect Pushbutton Station in **2 weeks**

Current Status of Scum Building:

- MB revising CAD model to meet changes provided, and will send for approval.
 - Once approved, **approx. 3 weeks** to be ready for installation.
- Expect Pushbutton Stations **1-2 weeks**
- MB waiting for delivery of additional T stats
- MB waiting for replacement Actuator Enclosure, originals were defective (bushings wrong size)

Overall Schedule: Not including extras still to be priced and approved.

- Hohl 3-4 weeks of work to complete everything we currently have on hand Mechanically.
- MB should be installing Piping by end of Jan provided all fittings are available.
- Delivery of remaining 3 drives would provide 2 1/2 weeks additional work for Hohl.

Potential Delays:

- Do not have delivery date of remaining drives for Brentwood's supplier.
- Need to have site visit once system is running to check installation and approve.
- Once approved need to Grout all wall brackets. (this may not be possible due to cold temperatures)
- Fan Control Panel:
 - This control panel is not in our scope
 - We have not been able to find any Spec for the control panel for anyone to supply it.

Additional considerations:

- While taking measurements onsite for the Hoist in the Scum Building the vendor pointed out that having a radio control instead of a pendant would be a good idea for this situation with 2 working levels.
 - This would add approx. \$900.00 to the price, if they are interested I can quote it.
- The reasons I was explaining to you before the holiday about concerns with trying to put this basin in service are:
 - Need to be able to run the system in order for the equipment install to be approved by Brentwood.
 - Not being able to grout the brackets during the winter months.
 - I would expect Brentwood would advise against running without grout in place.
 - Concrete would need to be cleaned in order to grout after use.

- Concrete work which needs to be done when Basin 4 is taken down.
 - Approx 60' of walkway between basin 4 and 5 needs to be removed and replaced.
 - To do so both basins need to be dry.
 - We will have to remove some Chain and Flight from Basin 5 for access and protection.
 - We have to block up West walkway on Basin 5 to do the concrete work
 - Need to remove concrete for Sludge Screw Platform
 - Basin 5 should be dry for this work as there is good chance of crumbling concrete to drop into basin
 - If dry we can better protect New Screw and Chain and Flight from Debris.
 - Need both basins dry to repair expansion joint in wall.
- I expect The work described above will take at least 6 weeks, but it cannot start until we remove the bridge and rails from Basin 4.
- If we commission the Chain and Flight and then grout in the spring, once temperatures are above 40 degF, we could then take Basin 4 down and perform the work described above before putting Basin 5 into service.

Other Discussions:

- Fan Control Panel:
 - I have looked several times and cannot find anywhere in the specs I have.
 - In Addendum #4 of the Electrical re-bid it states this is part of the Electrical Contract, but still do not see any reference to a spec section.
 - Is it possible this is in the Integrators Spec?
- Pressure Switches in HVAC system
 - I still do not find any spec for these pressure devices.
 - If you look on Page 13420-3 Primary Sensors and Field Instruments, under 2.2 Pressure Indicator And Switches, it states to refer to the "Instrument Index" for various specs, I cannot find this index in the drawings, only Electrical Devices and Mechanical Devices, nothing in this section looks to me like a pressure indicator/switch used in airflow.

CIR Electric Status:

We are coming to a point in a week or two where we will be running out of work unless we receive the pushbutton stations and the fan control panel that are furnished by Hohl. I cannot provide any completion dates at this time as I do not have these items so we can schedule completing our portion of the work.



Jay Meyers, P.E.

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NFWB 5 YEAR CAPITAL IMPROVEMENT PLAN (2022 - 2026)

UPDATE DATE: 1/14/2022

(WORK IN PROGRESS)

ITEM	NO.	CAT.	PROJECT NAME	PROJECT DESCRIPTION	RATING	COST ESTIMATE	FUNDING	FORECASTED EXPENDITURES					
								2022	2023	2024	2025	2026	Deferred
COMBINED PROJECTS (WATER AND WASTEWATER) - C													
C	1	-----	IT Plan Implementation	Develop & implement IT solution	MEDIUM	\$30,000	Annual Coverage Transfer	\$30,000	\$30,000	\$30,000	\$30,000	\$30,000	\$30,000
C	2	-----	Meter Replacement & Upgrades	Replace inaccurate & old meters	MEDIUM	\$70,000	Annual Coverage Transfer	\$70,000	\$70,000	\$70,000	\$70,000	\$70,000	\$70,000
C	3	-----	Fleet Replacement	Replenish fleet	MEDIUM	\$80,000	Annual Coverage Transfer	\$80,000	\$80,000	\$80,000	\$80,000	\$80,000	\$80,000
C	4	-----	Water/sewer GIS/GPS Mapping	Document system assets	MEDIUM	\$5,000	Annual Coverage Transfer	\$5,000	\$5,000	\$5,000	\$5,000	\$5,000	\$5,000
C	5	-----	Combined Projects - Miscellaneous	Projects not forecasted or based on an emergency	HIGH	\$100,000	Annual Coverage Transfer	\$100,000	\$100,000	\$100,000	\$100,000	\$100,000	\$100,000
FORECASTED EXPENDITURES - SUBTOTALS PER YEAR								\$285,000	\$285,000	\$285,000	\$285,000	\$285,000	\$285,000
WASTEWATER TREATMENT PLANT INFRASTRUCTURE PROJECTS - WWTP													
WWTP	1	G	Project No.1 - SEDIMENTATION BASINS AND SCUM COLLECTION SYSTEM MODIFICATION (WWTP Rehab Phase 4A)	Conversion of (4) sedimentation basins to chain and flight and rehabilitation work, scum building upgrades	HIGH	\$9,195,110	SAM Grant #15688 Phase I	\$1,326,975	\$1,326,975	\$1,326,975			\$0
		E					Project 1 Bid Est. Current	\$2,653,949	\$2,653,949	\$2,653,949			
		ENG					#15688 Matching Funds	\$1,326,975	\$1,326,975	\$1,326,975			
WWTP	1.2	G	Project No.1 - Phase 2	Influent channel leak repair of expansion joints	LOW	\$700,000	TBD						\$700,000
WWTP	1.3	M	Project No.1 - Phase 3	Sed. Basin #5 treatment of backwash water	MEDIUM	\$1,000,000	TBD						\$1,000,000
WWTP	2	G	Project No.2 - GORGE PUMP STATION REHABILITATION (WWTP Rehab Phase 4B)	Three (3) new 600 hp pumps with new motors and drives, heating and ventilation improvements	HIGH	\$3,276,065	SAM Grant #15688 Phase I	\$984,897					\$0
		E					Project 2A Bid Est. Current	\$1,969,794					
		H					#15688 Matching Funds	\$984,897					
WWTP	3	G	Project No.3 - SCREENINGS AND GRIT TRANSPORT EQUIPMENT IMPROVEMENTS, POLYMER EQUIPMENT UPGRADES, AND DEWATERING EQUIPMENT CONTROL UPGRADES (WWTP Rehab Phase 4C)	New screenings belt conveyor, grit screw conveyor, sedimentation basin no. 5 polymer feed pump and variable frequency drive, and dry polymer mixing systems	HIGH	\$1,982,115	SAM Grant #15688 Phase I	\$790,274					\$0
		E					Project 3 Bid Est.	\$1,580,549					
		ENG					#15688 Matching Funds	\$790,274					
WWTP	3.2	M	Project No.3 - Phase 2	Grit pump flow meters	MEDIUM	\$300,000	TBD						\$300,000
WWTP	3.3	G	Project No.3 - Phase 3	Rapid Mix Tank Cleaning	MEDIUM	\$400,000	TBD						\$400,000
WWTP	3.3	G	Project No.3 - Phase 4	Additional belt filter press and conveyor	MEDIUM	\$2,000,000	TBD						\$2,000,000
WWTP	5	E	Project No.5 - ELECTRICAL SYSTEMS IMPROVEMENTS (WWTP Rehab Phase 4E)	Electrical assessment of high voltage system, power centers and transformers and replacement of defective electrical systems	HIGH	\$2,610,000	SAM Grant #15688 Phase I	\$240,649	\$721,948				\$0
		ENG					Project 5 Cost Est. Current	\$481,299	\$1,443,896				
		#15688 Matching Funds					\$240,649	\$721,948					
WWTP	5.2	E	Project No.5 - Electrical Systems Improvements (Phase 2)	Replacement of stone and grounding grid at electrical substation, Retrofit of the spare 480 volt breakers draw-out circuit breakers with a new electronic trip unit	HIGH	\$201,762	Construction Estimate						\$0
WWTP	5.3	E	Project No.5 - Electrical Systems Improvements (Phase 3)	Power center #2 and #5 transformer replacement	MEDIUM	\$2,000,000	TBD						\$2,000,000
WWTP	5.4	E	Project No.5 - Electrical Systems Improvements (Phase 4)	Power center #4 and #1B transformer replacement	MEDIUM	\$2,000,000	TBD						\$2,000,000
WWTP	5.5	E	Project No.5 - Electrical Systems Improvements (Phase 5)	New PA and fire alarm system	LOW	\$300,000	TBD						\$300,000
WWTP	5.6	E	Project No.5 - Electrical Systems Improvements (Phase 6)	Carbon area lighting, switchyard improvements	MEDIUM	\$500,000	TBD						\$500,000
WWTP	6.2	G	Project No.6 - Effluent Disinfection (Phase 2)	Carbon bed effluent cleaning & inspection	MEDIUM	\$500,000	TBD						\$500,000
WWTP	6.3	G	Project No.6 - Effluent Disinfection (Phase 3)	Carbon filter mud valve replacements	MEDIUM	\$700,000	TBD						\$700,000
WWTP	7	H	Project No.7 - HVAC IMPROVEMENTS (WWTP Rehab Phase 4G)	Sludge building, belt filter press area, carbon storage area, main pump building and wet well, headworks area heating and ventilation improvements	HIGH	\$1,099,883	SAM Grant #15688 Phase I	\$503,802					\$0
		E					Project 7 Bid Est. Current	\$1,007,603					
		ENG					#15688 Matching Funds	\$503,802					
WWTP	7.2	H	Project No.7 - HVAC Improvements (Phase 2)	New BFP, control room and odor control building HVAC units	MEDIUM	\$1,000,000	TBD						\$1,000,000
WWTP	8.2	M	Project No.8 - Backwash Pump, Motor, VFD & Controls (Phase 2)	New backwash pump, motor, VFD & controls	MEDIUM	\$1,500,000	TBD						\$1,500,000
WWTP	9	M	Project No.9 - INTERIOR PIPING IMPROVEMENTS (WWTP Rehab Phase 4I)	Replacement of existing plant water line, including the installation, temporary waterline bypass system, and waterline connections	HIGH	\$601,516	SAM Grant #15688 Phase I	\$263,776					\$0
		ENG					Project 9M Bid Est. Current	\$527,551					
							SAM Grant Matching Funds	\$263,776					
WWTP	10		Project No.10 - SCADA IMPROVEMENTS (WWTP Rehab Phase 4J)	Improvements to the existing SCADA system for the new WWTP equipment	HIGH	\$498,650	SAM Grant #15688 Phase I	\$48,465	\$48,465	\$48,465			\$0
		E					Project 10 Bid Est. Current	\$96,930	\$96,930	\$96,930			
							#15688 Matching Funds	\$48,465	\$48,465	\$48,465			
WWTP	11		WWTP PHASE II GRANT PROJECTS										\$0
WWTP	11.3	G	Project No.11 (WWTP Phase II Grant) - Exterior Piping Improvements (Upgrades to the Sewer Line from Sedimentation Basin No.5)	Installation of a new drain pipe and manholes for sedimentation basin no. 5, new casing pipe and poly tubing for hypo. transport to the scum building	MEDIUM	\$695,655	Sam Grant Project ID #19246	\$173,914					\$0
		ENG					Project 11G Bid Est. Current	\$347,828					
							#19246 Matching Funds	\$173,914					
WWTP	11.4	G	Project No.11 (WWTP Phase II Grant) - Exterior Piping Improvements (Replacement of Sludge and Hypochlorite Pipelines)	Removal of a portion of existing sludge lines and the installation of new sludge lines from the Sludge Building to the Thickened Sludge Pump Building (TSPB)	MEDIUM	INCLUDED ABOVE	Sam Grant Project ID #20545	\$173,914					\$0
		ENG					Project 11G Bid Est. Current	\$347,828					
							#20545 Matching Funds	\$173,914					
WWTP	11.5	G	Project No.12 (WWTP Phase II Grant) - WWTP Intermediate Pump Upgrades	Assessment and replacement of (4) intermediate pumps and check valves	HIGH	\$3,075,000	Sam Grant Project ID #24605	\$37,500	\$750,000	\$750,000			\$0
		ENG					Project 12 Cost Est. Current	\$75,000	\$1,500,000	\$1,500,000			
							#24605 Matching Funds	\$37,500	\$750,000	\$750,000			
WWTP	11.6	G	Project No. (WWTP Phase II Grant) - Plant Water System Upgrades	Removal and replacement of plant water piping	MEDIUM	\$1,000,000	TBD						\$1,000,000
WWTP	11.7	G	Project No. (WWTP Phase II Grant) - Interior and Exterior City Water System Upgrades	Removal and replacement of interior and exterior city water piping	MEDIUM	\$2,000,000	TBD						\$2,000,000
WWTP	12		WWTP ROOF REPAIRS	Replace & repair large sections of the WWTP roofs	LOW	\$2,000,000	2021 grant application (TBD)		\$600,000	\$600,000			\$0
							Project Cost Estimate		\$1,000,000	\$1,000,000			
							Future Matching Funds		\$400,000	\$400,000			
WWTP	12.1	G	WWTP Roof Repairs (Phase 1) - Carbon Area Roof	Replacement of carbon area roof	LOW	\$2,200,000	TBD						\$2,200,000



ITEM	NO.	CAT.	PROJECT NAME	PROJECT DESCRIPTION	RATING	COST ESTIMATE	FUNDING	FORECASTED EXPENDITURES					
								2022	2023	2024	2025	2026	Deferred
WWTP	13		WWTP CHEMICAL BULK STORAGE	Replacement of sodium hypochlorite tank no.216 and (2) ferric chloride tanks	HIGH	\$150,000	2021 grant application (TBD)		\$90,000				\$0
							Project Cost Estimate		\$150,000				
							Future Matching Funds		\$60,000				
WWTP	13.1	M	WWTP Chemical Bulk Storage (Phase 1)	Replacement of (2) ferric chloride tanks	MEDIUM	\$750,000	TBD						\$750,000
WWTP	13.2	M	WWTP Chemical Bulk Storage (Phase 2)	Tank #216 secondary containment lining	HIGH	\$40,000	TBD						\$40,000
WWTP	13.3	M	WWTP Chemical Bulk Storage (Phase 3)	Tank #216 replacement	MEDIUM	\$300,000	TBD						\$300,000
WWTP	14		WWTP STRUCTURAL /MASONRY REPAIRS	Repair aging and failing structural components	MEDIUM	\$850,000	2021 grant application (TBD)		\$510,000				\$0
							Project Cost Estimate		\$850,000				
							Future Matching Funds		\$340,000				
WWTP	14.1	G	WWTP Masonry Repairs (Phase 1) - Misc. repairs, replace brick soldier course	Necessary masonry repairs to buildings	MEDIUM	\$850,000	TBD						\$850,000
WWTP	14.2	NFWB	WWTP Structural Demolition - Old Lime Feed System	Removal of old lime feed system in Sludge Bldg.	LOW	\$100,000	TBD						\$100,000
WWTP	14.3	G	WWTP Structural Demolition - Chemical Building	Removal old equipment in chemical bldg.	LOW	\$100,000	TBD						\$100,000
WWTP	14.4	G	WWTP Structural Demolition - Sulfuric Acid Tank and Piping	Removal of abandoned sulfuric acid tank and piping	LOW	\$300,000	TBD						\$300,000
WWTP	14.5	G	WWTP Structural Demolition - Carbon Furnace Area	Removal of unused carbon furnace equipment	LOW	\$4,000,000	TBD						\$4,000,000
WWTP	15		Wastewater Treatment Plant Protective Measures, Contract 68 (Canceled)	CANCELED	CANCELED	CANCELED	FEMA Grant #4204-0003 Phase II Cost Est. \$3.92M (75%)= \$2,940,000						\$0
WWTP	15		WWTP BIOLOGICAL CONVERSION PROJECTS	Conversion of physical-chemical WWTP to biological treatment	HIGH	\$200,000,000	Total Project Cost Estimate						\$0
WWTP	15.1	ENG	WWTP Biological Conversion - Engineering (Phase 1)	Necessary to improve effluent water quality and meet regulatory standards	HIGH	\$40,000,000	Future grant application (TBD)						\$40,000,000
							Project Cost Estimate						
							Future Matching Funds						
WWTP	15.2	G	WWTP Biological Conversion - Construction (Phase 2)	Necessary to improve effluent water quality and meet regulatory standards	HIGH	\$40,000,000	Future grant application (TBD)						\$40,000,000
							Project Cost Estimate						
							Future Matching Funds						
WWTP	15.3	G	WWTP Biological Conversion - Construction (Phase 3)	Necessary to improve effluent water quality and meet regulatory standards	HIGH	\$40,000,000	Future grant application (TBD)						\$40,000,000
							Project Cost Estimate						
							Future Matching Funds						
WWTP	15.4	G	WWTP Biological Conversion - Construction (Phase 4)	Necessary to improve effluent water quality and meet regulatory standards	HIGH	\$40,000,000	Future grant application (TBD)						\$40,000,000
							Project Cost Estimate						
							Future Matching Funds						
WWTP	15.5	G	WWTP Biological Conversion - Construction (Phase 5)	Necessary to improve effluent water quality and meet regulatory standards	HIGH	\$40,000,000	Future grant application (TBD)						\$40,000,000
							Project Cost Estimate						
							Future Matching Funds						
WWTP	16		WWTP BUILDING AND SITE PROJECTS	Necessary repairs and improvements to building and site	LOW TO MEDIUM	\$1,500,000	Future grant application (TBD)		\$300,000				\$0
							Project Cost Estimate		\$500,000				
							Future Matching Funds		\$200,000				
WWTP	16.1	E	Standby Generator	Standby generator system capable of temp. power to complete WWTP	LOW	\$1,500,000	TBD						\$1,500,000
WWTP	16.2	G	Plant Road Repaving	Necessary repaving of WWTP roads	MEDIUM	\$600,000	TBD						\$600,000
WWTP	17	NFWB	WWTP INFRASTRUCTURE PROJECTS - MISCELLANEOUS	As needed	HIGH	\$200,000	Annual Coverage Transfer	\$200,000	\$200,000	\$200,000	\$200,000	\$200,000	\$200,000
PROJECT GRANT FUNDING LEGEND				CATEGORIES			SAM Grant #15688 Phase I	\$4,158,838	\$2,097,387	\$1,375,440	\$0	\$0	
WWTP PHASE I GRANT PROJECTS - SAM Grant #15688 (total grant amount = \$13,500,000)				NFWB - Niagara Falls Water Board			#15688 Matching Funds	\$4,158,838	\$2,097,387	\$1,375,440	\$0	\$0	
WWTP PHASE II GRANT PROJECTS - SAM Grant #By Project (total grant amount = \$6,500,000)				ENG - Engineering and Bidding			SAM Grant #19246	\$173,914	\$0	\$0	\$0	\$0	
2021 NYS EFC WIIA Grant Projects - Wastewater Treatment Plant				G - General Construction			#19246 Matching Funds	\$173,914	\$0	\$0	\$0	\$0	
Grant Application submitted (waiting on approval)				M - Mechanical Construction			Sam Grant #20545	\$173,914	\$0	\$0	\$0	\$0	
FEMA GRANT PROJECT #4204-0003 Phase II (total grant amount = \$2,853,778) - CANCELED				E - Electrical Construction			#20545 Matching Funds	\$173,914	\$0	\$0	\$0	\$0	
				H - HVAC Construction			SAM Grant #24605	\$37,500	\$750,000	\$750,000	\$0	\$0	
							#24605 Matching Funds	\$37,500	\$750,000	\$750,000	\$0	\$0	
Project has been eliminated							2021 grant application (TBD)	\$0	\$1,500,000	\$600,000	\$0	\$0	
Project or work has been completed							Future Matching Funds	\$0	\$1,000,000	\$400,000	\$0	\$0	
Project or work is ongoing							Annual Coverage Transfer	\$200,000	\$200,000	\$200,000	\$200,000	\$200,000	
TBD - To Be Determined							FORECASTED EXPENDITURES - SUBTOTALS PER YEAR	\$9,288,330	\$8,394,775	\$5,450,879	\$200,000	\$200,000	\$226,840,000



ITEM	NO.	CAT.	PROJECT NAME	PROJECT DESCRIPTION	RATING	COST ESTIMATE	FUNDING	FORECASTED EXPENDITURES							
								2022	2023	2024	2025	2026	Deferred		
SEWER INFRASTRUCTURE PROJECTS - S															
S	1.1	G	GPS Elevator Infiltration	Repair infiltration into GPS elevator shaft	HIGH	\$700,000	TBD						\$700,000		
S	2.1	NFWB	Sanitary Lift Station Upgrades	Repair and upgrades to Sanitary Lift Station	MEDIUM	\$200,000	TBD						\$200,000		
S	3	NFWB	LaSalle Area Sewer Improvements (SSO)	SSO reduction in the LaSalle sewer system area to satisfy the requirements of NYSDEC Consent Order R9-20080528-32	MEDIUM TO HIGH	\$180,000	EPG Grant #111586	\$100,000					\$0		
							Project Cost Estimate (TBD)		\$180,000						
						\$1,000,000	EPG Matching Grant Funds (TBD)		\$80,000						
							WQIP Grant #111586			\$250,000	\$250,000	\$250,000		\$0	
Project Cost Estimate (TBD)			\$333,333	\$333,333	\$333,333										
WQIP Matching Grant Funds (TBD)			\$43,333	\$43,333	\$43,333										
S	4	NFWB	Combined Sewer Overflow Long Term Control Plan (CSO LTCP) Implementation	Implement sewer improvements to mitigate CSO's	LOW	TBD	ON HOLD						\$0		
S	5	NFWB	CSO Outfall Structural Repairs	Repairs to CSO outfalls on lower river	LOW	\$1,000,000	ON HOLD						\$1,000,000		
S	6	NFWB	Large Sewer Main and Tunnel Inspection	Inspect large diameter conveyance systems	LOW	\$350,000	ON HOLD						\$350,000		
S	7.1	NFWB	Large Sewer Main and Tunnel Repairs	Repairs to large sewer mains and tunnels	MEDIUM	\$500,000	TBD						\$500,000		
S	8	NFWB	Sewer/GPS Infrastructure Projects - Miscellaneous	Sewer/GPS projects not forecasted or arise based on an emergency situation	HIGH	\$100,000	Annual Coverage Transfer	\$100,000	\$100,000	\$100,000	\$100,000	\$100,000	\$100,000		
PROJECT GRANT FUNDING LEGEND				Project has been eliminated	FORECASTED EXPENDITURES - SUBTOTALS PER YEAR			Grants	\$100,000	\$250,000	\$250,000	\$250,000	\$0		
2021 Engineering Planning Grant Project No.111586 (total grant amount = \$100,000)				Project or work has been completed				Matching Grant Funds (TBD)	\$80,000	\$83,333	\$83,333	\$83,333	\$0		
2021 WQIP Grant Project No.111586 (total grant amount = \$800,000)				Project or work is ongoing				Annual Coverage Transfer	\$100,000	\$100,000	\$100,000	\$100,000	\$100,000		
				TBD - To Be Determined				\$280,000	\$433,333	\$433,333	\$433,333	\$100,000	\$2,850,000		
WATER TREATMENT PLANT INFRASTRUCTURE PROJECTS - WTP															
WTP	1	NFWB	WTP Small Pump Replacements	Replacement of small WTP pumps necessary to process drinking water	HIGH	\$30,000	Annual Coverage Transfer	\$30,000	\$30,000	\$30,000	\$30,000	\$30,000	\$30,000		
WTP	1.1	M	WTP Large Pump Replacements	Replacement of large WTP pumps necessary to process drinking water	MEDIUM	\$2,000,000	TBD						\$2,000,000		
WTP	1.2	M	WTP Bar Screen Replacement	Replacement of existing bar screens necessary to process drinking water	LOW	\$1,000,000	TBD						\$1,000,000		
WTP	2.1	E	WTP SCADA Control System Upgrades	Automate WTP operations and perform necessary VA identified upgrades	HIGH	\$500,000			\$150,000	\$150,000			\$0		
		Project Cost Estimate						\$250,000	\$250,000						
		Future EFC Matching Funds						\$100,000	\$100,000						
WTP	2.2	G	WTP Security Upgrades	Automate WTP operations and perform necessary VA identified upgrades	MEDIUM TO HIGH	\$50,000	2021 EFC Grant Application (TBD)		\$15,000	\$15,000			\$0		
		Project Cost Estimate						\$25,000	\$25,000						
		Future EFC Matching Funds						\$10,000	\$10,000						
WTP	3	G	WTP Vent Line Replacement	Replace corroding process vent piping	MEDIUM	\$100,000	ON HOLD						\$100,000		
WTP	4	NFWB	WTP Laboratory Instrumentation	New instruments for sample analysis	MEDIUM	\$100,000	As needed						\$100,000		
WTP	5	G	WTP Roofing Work	Repair aging and failing structural components	MEDIUM	\$50,000	Annual Coverage Transfer	\$50,000	\$50,000	\$50,000	\$50,000	\$50,000	\$50,000		
WTP	6	G	WTP Building Improvements and Caulking	WTP renovations necessary for operation	MEDIUM	\$50,000	Annual Coverage Transfer	\$50,000	\$50,000	\$50,000	\$50,000	\$50,000	\$50,000		
WTP	6.1	M	WTP Chlorine System Upgrades	WTP renovations necessary for operation	HIGH	\$500,000	2021 EFC Grant Application (TBD)			\$150,000	\$150,000			\$0	
		Project Cost Estimate						\$250,000	\$250,000						
		Future EFC Matching Funds						\$100,000	\$100,000						
WTP	6.2	E	WTP Emergency Backup Generator Upgrades	WTP renovations necessary for operation	HIGH	\$500,000	2021 EFC Grant Application (TBD)			\$150,000	\$150,000			\$0	
		Project Cost Estimate						\$250,000	\$250,000						
		Future EFC Matching Funds						\$100,000	\$100,000						
WTP	6.3	H	WTP HVAC Rooftop & Make Up Air	WTP renovations necessary for operation	HIGH	\$600,000	2021 EFC Grant Application (TBD)			\$180,000	\$180,000			\$0	
		Total Project Cost Estimate						\$300,000	\$300,000						
		Future EFC Matching Funds						\$120,000	\$120,000						
		M	WTP Fresh Air Inlet Louvers and Dampers	WTP renovations necessary for operation	HIGH	\$200,000	2021 EFC Grant Application (TBD)						\$0		
WTP	6.4	M	WTP Fluoride System Upgrades	WTP renovations necessary for operation	HIGH	\$458,000	2021 EFC Grant Application (TBD)			\$137,400	\$137,400			\$0	
		Project Cost Estimate						\$229,000	\$229,000						
		Future EFC Matching Funds						\$91,600	\$91,600						
WTP	6.5	G	WTP Freeze Thaw Bed Repairs and Grading	Necessary for operation	MEDIUM	\$300,000	TBD						\$300,000		
WTP	7	NFWB	Water Treatment Plant Infrastructure Projects - Miscellaneous	WTP projects not forecasted or arise based on an emergency situation	HIGH	\$200,000	Annual Coverage Transfer	\$200,000	\$200,000	\$200,000	\$200,000	\$200,000	\$200,000		
PROJECT GRANT FUNDING LEGEND				CATEGORIES	FORECASTED EXPENDITURES - SUBTOTALS PER YEAR			2021 EFC Grant Application (TBD)	\$0	\$782,400	\$782,400	\$0	\$0	\$3,830,000	
2021 NYS EFC WIIA Grant Projects - Water Treatment Plant				NFWB - Niagara Falls Water Board				Future EFC Matching Funds	\$0	\$521,600	\$521,600	\$0	\$0		
Grant Application submitted (waiting on approval)				ENG - Engineering and Bidding				Annual Coverage Transfer	\$330,000	\$330,000	\$330,000	\$330,000	\$330,000		
2021 NYSDOH Grant Funding for Drinking Water Fluoridation				G - General Construction											
Grant Application submitted (waiting on approval)				M - Mechanical Construction											
				E - Electrical Construction											
				H - HVAC Construction											



ITEM	NO.	CAT.	PROJECT NAME	PROJECT DESCRIPTION	RATING	COST ESTIMATE	FUNDING	FORECASTED EXPENDITURES					
								2022	2023	2024	2025	2026	Deferred
WATER INFRASTRUCTURE PROJECTS - W													
W	1	NFWB	Hydrant Replacement	Hydrant Replacement - old and inoperable hydrants	HIGH	\$850,000	2021 EFC Grant Application (TBD)	\$102,000	\$102,000	\$102,000	\$102,000	\$102,000	\$80,000
		Project Cost Estimate					\$170,000	\$170,000	\$170,000	\$170,000	\$170,000		
		Future EFC Matching Funds					\$68,000	\$68,000	\$68,000	\$68,000	\$68,000		
W	2	ENG	20 inch main from Beech Ave Storage Tank to Ontario Street	Water Main Replacement - CIPP lining of water mains near Beech Avenue Water Tank	HIGH	\$2,000,000	2021 EFC Grant Application (TBD)			\$600,000	\$600,000		\$0
		Project Cost Estimate							\$1,000,000	\$1,000,000			
		Future EFC Matching Funds							\$400,000	\$400,000			
W	2.1	G	Beech Avenue Water Storage Tank Replacement	Replacement of water tank necessary for water system pressure	MEDIUM	\$6,500,000	TBD						\$6,500,000
W	3	NFWB	Large Valve Replacement	Valve Replacement - water valves >12"	HIGH	\$1,000,000	2021 EFC Grant Application (TBD)	\$120,000	\$120,000	\$120,000	\$120,000	\$120,000	\$50,000
		Project Cost Estimate					\$200,000	\$200,000	\$200,000	\$200,000	\$200,000		
		Future EFC Matching Funds					\$80,000	\$80,000	\$80,000	\$80,000	\$80,000		
W	5	ENG	Leak Detection / Distribution Modeling	Water Distribution Study - Identify and control system losses	MEDIUM	\$50,000	Annual Coverage Transfer		\$50,000				\$150,000
W	6	G	Abandon 20" Victory Pipe WM	Water Main Abandon - unnecessary and failing watermain	MEDIUM	TBD	Annual Coverage Transfer						\$0
W	8	NFWB	Loop Niagara Avenue Main to Parkview Drive	Install new automatic blow-off	HIGH	\$7,000	Annual Coverage Transfer	\$7,000					\$0
W	9	ENG	10th Street and Michigan Avenue Mains - Lockport Street to Ontario Avenue (8") and 10th Street to 11th Street (8")	Water Main Replacement - replace main and install new services, Continue design and construction	HIGH	\$830,000	2018 NYS EFC WIJA Grant		\$498,000				\$0
		Project Cost Estimate						\$830,000					
		2018 EFC Grant Matching Funds						\$332,000					
W	10	ENG	18th Street Main - Ontario Avenue to Whitney Avenue (14" PE Sliplining)	Water Main Replacement - replace main and install new services, High priority project - complete design	HIGH NO.1	\$1,100,000	2018 NYS EFC WIJA Grant	\$330,000	\$330,000				\$0
		Project Cost Estimate					\$550,000	\$550,000					
		2018 EFC Grant Matching Funds					\$220,000	\$220,000					
W	11	ENG	77th Street Main - Frontier Avenue to Niagara Falls Boulevard (8")	Water Main Replacement - replace main and install new services, Halt work and focus on higher priority projects	LOW	\$1,100,000	2018 NYS EFC WIJA Grant	\$330,000	\$330,000				\$0
		Project Cost Estimate					\$550,000	\$550,000					
		2018 EFC Grant Matching Funds					\$220,000	\$220,000					
W	12	ENG	80th Street - Niagara Falls Blvd. to Rick Manning Drive	Water Main Replacement - replace main and install new services	HIGH	\$300,000	Future EFC grant application				\$180,000		\$0
		Project Cost Estimate								\$300,000			
		Future EFC Matching Funds								\$120,000			
W	13	ENG	81st Street Main - Frontier Avenue to Niagara Falls Boulevard	Water Main Replacement - replace main and install new services	LOW	\$850,000	ON HOLD						\$850,000
W	15	ENG	College Terrace - Madison to College Avenue	Water Main Replacement - replace main and install new services	HIGH NO.4	\$155,000	Future EFC grant application				\$93,000		\$0
		Project Cost Estimate								\$155,000			
		Future EFC Matching Funds								\$62,000			
W	16	ENG	LaSalle Avenue Main - Hyde Park Blvd to 11th Street	Water Main Replacement - replace main and install new services	HIGH NO.4	\$1,600,000	ON HOLD						\$1,600,000
W	17	ENG	Laughlin Drive Main - 82nd Street to Bollier Ave	Water Main Replacement - replace main and install new services	HIGH NO.2	\$928,074	2021 EFC Grant Application (TBD)			\$556,844			\$0
		Project Cost Estimate							\$928,074				
		Future EFC Matching Funds							\$371,230				
W	18	ENG	McKoon Avenue Main - DeVeaux Avenue to James Avenue	Water Main Replacement - replace main and install new services	MEDIUM	\$880,000	Future EFC grant application				\$528,000		\$0
		Project Cost Estimate								\$880,000			
		Future EFC Matching Funds								\$352,000			
W	19	ENG	Military Road Main - Jacob Place to Bollier Avenue	Water Main Replacement - replace main and install new services	MEDIUM	\$200,000	2018 NYS EFC WIJA Grant	\$120,000					\$0
		Project Cost Estimate					\$200,000						
		2018 EFC Grant Matching Funds					\$80,000						
W	20	ENG	Military Road Main - Jacob Place to Cayuga Drive	Water Main Replacement - replace main and install new services	LOW	\$210,000	ON HOLD						\$210,000
W	21	ENG	Ontario Avenue Main - 13th Street to Main Street	Water Main Replacement - replace main and install new services	MEDIUM	\$822,517	2021 EFC Grant Application (TBD)				\$493,510		\$0
		Project Cost Estimate								\$822,517			
		Future EFC Matching Funds								\$329,007			
W	22	ENG	Pierce Avenue Main - 11th Street to 18th Street	Water Main Replacement - replace main and install new services	LOW	\$570,000	ON HOLD						\$570,000
W	23	ENG	Pierce Avenue Main - 18th Street to Hyde Park Blvd.	Water Main Replacement - replace main and install new services	LOW	\$750,000	ON HOLD						\$750,000
W	24	ENG	Rivershore Drive Main - S.86th Street to 91st Street	Water Main Replacement - replace main and install new services	LOW	\$280,000	ON HOLD						\$280,000
W	25	ENG	Van Rensselaer Ave - 900 Block	Water Main Replacement - replace main and install new services	HIGH NO.3	\$140,115	2021 EFC Grant Application (TBD)			\$84,069			\$0
		Project Cost Estimate							\$140,115				
		Future EFC Matching Funds							\$56,046				
W	26	ENG	Welch Avenue Main - 19th Street to 24th Street (16")	Water Main Replacement - replace main and install new services	LOW	\$600,000	ON HOLD						\$600,000
W	27	ENG	Whitney Avenue Main - 11th Street to Hyde Park Blvd.	Water Main Replacement - replace main and install new services, Halt work and focus on higher priority projects	LOW	\$1,850,000	2018 NYS EFC WIJA Grant	\$555,000	\$555,000				\$0
		Project Cost Estimate					\$925,000	\$925,000					
		2018 EFC Grant Matching Funds					\$370,000	\$370,000					



ITEM	NO.	CAT.	PROJECT NAME	PROJECT DESCRIPTION	RATING	COST ESTIMATE	FUNDING	FORECASTED EXPENDITURES					
								2022	2023	2024	2025	2026	Deferred
W	28	ENG G	Willow Avenue Main - 11th Street to 17th Street (8")	Water Main Replacement - replace main and install new services	LOW	\$460,000	ON HOLD						\$460,000
W	29	ENG G	Witkop Avenue and 85th Street Loop (all 8")	Water Main Replacement - replace main and install new services	HIGH NO.2	\$834,633	2021 EFC Grant Application (TBD)			\$500,780			\$0
		Project Cost Estimate					\$834,633						
		Future EFC Matching Funds					\$333,853						
W	30	NFWB	Water Infrastructure Projects - Miscellaneous	Water Projects - not forecasted or arise based on an emergency situation	HIGH	\$120,000	Annual Coverage Transfer	\$120,000	\$120,000	\$120,000	\$120,000	\$120,000	\$120,000
PROJECT GRANT FUNDING LEGEND				CATEGORIES			2018 NYS EFC WIIA Grant	\$1,335,000	\$1,713,000	\$0	\$0	\$0	
2017 NYS EFC WIIA Grant - Project No.18435 (total grant amount = \$240,000)				NFWB - Niagara Falls Water Board			2018 EFC Grant Matching Funds	\$890,000	\$1,142,000	\$0	\$0		
Item No.W-14, Bollier Avenue Main - 82nd Street to Military Road - completed				ENG - Engineering and Bidding			2021 NYS EFC WIIA Grant	\$222,000	\$222,000	\$1,963,693	\$1,315,510	\$222,000	
2018 NYS EFC WIIA Grant Projects - Water System				G - General Construction			2021 EFC Grant Matching Funds	\$148,000	\$148,000	\$1,309,129	\$877,007	\$148,000	
Project No.18588 (total grant amount = \$3,000,000)				M - Mechanical Construction			Future EFC grant application	\$0	\$0	\$0	\$801,000	\$0	
2021 NYS EFC WIIA Grant Projects - Water System				E - Electrical Construction			Future EFC Matching Funds	\$0	\$0	\$0	\$534,000	\$0	
Grant Application submitted (waiting on approval)				H - HVAC Construction			Annual Coverage Transfer	\$127,000	\$170,000	\$120,000	\$120,000	\$120,000	
FORECASTED EXPENDITURES - SUBTOTALS PER YEAR								\$2,722,000	\$3,395,000	\$3,392,822	\$3,647,517	\$490,000	\$12,220,000
FORECASTED EXPENDITURES -TOTALS PER YEAR								\$12,905,330	\$14,142,108	\$11,196,035	\$4,895,850	\$1,405,000	\$246,025,000
Project has been eliminated													

Project has been eliminated
Project or work has been completed
Project or work is ongoing
TBD - To Be Determined

TOTAL FORECASTED EXPENDITURES

Fund Sources Total	2022	2023	2024	2025	2026	Sum 2022 - 2026
Annual Coverage Transfer	\$1,042,000	\$1,085,000	\$1,035,000	\$1,035,000	\$1,035,000	\$5,232,000
Current Grants	\$5,879,165	\$4,560,387	\$2,125,440	\$0	\$0	\$12,564,992
Current Grant Matching Funds	\$5,434,165	\$3,989,387	\$2,125,440	\$0	\$0	\$11,548,992
Future Grants	\$322,000	\$2,754,400	\$3,596,093	\$2,366,510	\$222,000	\$9,261,003
Future Grant Matching Funds	\$220,000	\$1,752,833	\$2,314,062	\$1,404,340	\$140,000	\$5,837,236

FORECASTED EXPENDITURES -TOTALS PER YEAR \$12,905,330 \$14,142,108 \$11,196,035 \$4,895,850 \$1,405,000 \$44,544,323

FORECASTED EXPENDITURES -TOTAL DEFERRED \$246,025,000

Niagara Falls Water Board
Personnel Actions and Report
Monday, January 31, 2022

Personnel Actions Sheet & Requested of the Board. All appointments are subject to the appointee meeting the minimum qualifications and all applicable civil service conditions.
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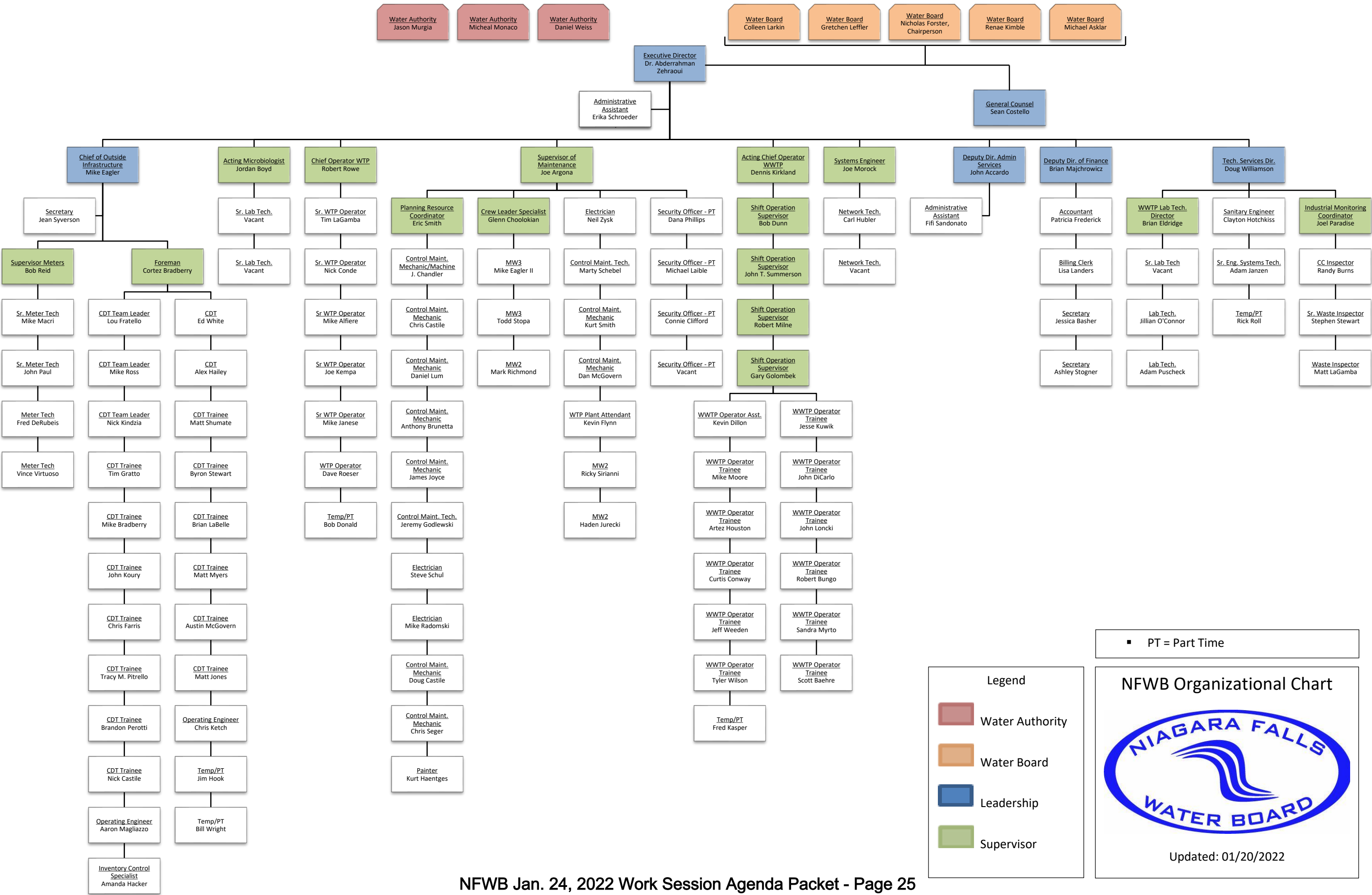
A. PERSONNEL ACTIONS RECOMMEND TO HIRE				
Line Item Number	Position	Department/Location	Pay Rate or Grade	ADDITIONAL INFORMATION
1	Security Guard	WWTP	\$15.00/hour - not to exceed 30 hours per week	To fill vacancy
2	Lab Techs (2)	WTP	\$40,677.73/annually	To fill vacancies

B. RECOMMENDED PROMOTION / MOVE / APPOINTMENT				
Line Item Number	Name and Position	Type of labor move	Change in pay rate or grade	ADDITIONAL INFORMATION
1	Robert Dunn	Position Change	from \$37.19 to \$29.07/hour	From Chief Operator to Shift Oper Sup'v
2	Dennis Kirkland	Provisional Appointment	from \$28.63 to \$34.06/hour	From Shift Oper Sup'v to Acting Chief Operator
3	Brian LaBelle	Promotion	from \$41,372 to \$42,969 annually	From CDT Trainee to CDT Lift Station Splst
4	Alex Hailey	Promotion	from \$41,304 to \$43,175 annually	From CDT Tech to CDT Team Leader
5	Fifi Sandonato	Promotion	from \$51,062 to \$58,236 annually	From Admin Assistant to Sr Admin Assistant

C. PREVIOUSLY TABLED PERSONNEL ACTIONS (From 2022)				
Line Item Number	Action and Position	Department/Location	Pay Rate or Grade	ADDITIONAL INFORMATION

D. OTHER PERSONNEL ACTIVITY FOR BOARD NOTIFICATION				
Name	Position	Department/Location	Pay Rate	ADDITIONAL INFORMATION
Morrison, Ralynn	Sr Lab Tech	WTP	\$55,012/year	Resignation effective 2/1/2022

E. PERSONNEL ON LONG TERM LEAVE OF ABSENCE				
Name	Last Day Worked	Dept.	Return Status	Comments
Burns, Randall	11/16/2021	Enforcement	Unknown	Workers Comp
Syverson, Jean	1/13/2022	WWTP Admin	Unknown	





Revenue Budget Performance Report

Fiscal Year to Date 12/31/21

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 Total
Fund	FA - Water Board - Water									
	REVENUE									
	<i>Departmental Income</i>									
2122.001	Visual Inspections	42,350.00	.00	42,350.00	4,745.00	.00	60,732.50	(18,382.50)	143	47,225.00
2140.001	District 1	1,671,340.00	.00	1,671,340.00	2,561.54	.00	1,114,420.75	556,919.25	67	1,578,800.21
2140.002	District 2	1,967,868.00	.00	1,967,868.00	2,373.39	.00	1,474,856.57	493,011.43	75	1,947,208.66
2140.003	District 3	1,485,143.00	.00	1,485,143.00	380,061.09	.00	1,283,439.31	201,703.69	86	1,455,728.44
2140.004	Non-Resident	23,920.00	.00	23,920.00	(874.72)	.00	42,264.40	(18,344.40)	177	30,633.20
2140.005	Industrial	2,574,781.00	.00	2,574,781.00	91.46	.00	1,698,616.46	876,164.54	66	2,358,805.11
2140.006	Industrial SIU	2,074,065.00	.00	2,074,065.00	.00	.00	2,151,100.53	(77,035.53)	104	2,219,210.91
2140.008	Hydrant Usage	5,412.00	.00	5,412.00	35.20	.00	7,325.70	(1,913.70)	135	5,415.58
2140.599	Miscellaneous Departmental Incom	15,000.00	.00	15,000.00	500.00	.00	1,782.39	13,217.61	12	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	(75,236.01)
2144.003	Fire Service	94,000.00	.00	94,000.00	.00	.00	303,963.00	(209,963.00)	323	88,830.60
2144.005	Service Charge	480,822.00	.00	480,822.00	24,740.60	.00	451,267.05	29,554.95	94	451,886.56
2144.006	Lab Analysis	39,220.00	.00	39,220.00	5,520.50	.00	32,103.00	7,117.00	82	45,710.28
2144.008	Missing Meter Charge	40,350.00	.00	40,350.00	510.00	.00	21,551.50	18,798.50	53	18,854.00
2144.009	Mtr Install/Reinstall/Reactivate	15,220.00	.00	15,220.00	175.00	.00	4,275.00	10,945.00	28	8,625.00
2144.010	Final Meter Read/Inspect	10,500.00	.00	10,500.00	2,225.00	.00	20,825.00	(10,325.00)	198	16,100.00
2144.011	Hydrant Testing	300.00	.00	300.00	.00	.00	.00	300.00	0	200.00
2144.012	Backflow Certification	6,830.00	.00	6,830.00	35.00	.00	10,050.00	(3,220.00)	147	4,143.48
2144.599	City of NF-Safety Specialist	.00	.00	.00	.00	.00	.00	.00	+++	66,052.69
2148.001	District 1	70,000.00	.00	70,000.00	(389.01)	.00	66,395.55	3,604.45	95	67,291.99
2148.002	District 2	45,092.00	.00	45,092.00	(19.79)	.00	44,821.39	270.61	99	43,056.40
2148.003	District 3	48,880.00	.00	48,880.00	.00	.00	62,609.87	(13,729.87)	128	44,246.04
2148.004	Non-Resident	5,000.00	.00	5,000.00	.00	.00	562.92	4,437.08	11	791.32
2148.005	Industrial	16,200.00	.00	16,200.00	.00	.00	13,999.32	2,200.68	86	24,141.76
2148.006	Industrial SIU	6,000.00	.00	6,000.00	.00	.00	8,369.30	(2,369.30)	139	4,138.05
2148.599	Penalty - Miscellaneous	3,504.00	.00	3,504.00	.02	.00	3,450.83	53.17	98	3,250.72
	<i>Departmental Income Totals</i>	\$10,591,797.00	\$0.00	\$10,591,797.00	\$422,290.28	\$0.00	\$8,925,622.00	\$1,666,175.00	84%	\$10,459,359.99
	<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	215,064.00
	<i>Intergovernmental Charges Totals</i>	\$225,817.00	\$0.00	\$225,817.00	\$0.00	\$0.00	\$0.00	\$225,817.00	0%	\$215,064.00
	<i>Use Of Money & Property</i>									
2401.000	Interest Earnings	90,000.00	.00	90,000.00	(92.88)	.00	2,665.27	87,334.73	3	21,232.12
	<i>Use Of Money & Property Totals</i>	\$90,000.00	\$0.00	\$90,000.00	(\$92.88)	\$0.00	\$2,665.27	\$87,334.73	3%	\$21,232.12
	<i>Licenses And Permits</i>									
2550.006	Cellular Towers	230,000.00	.00	230,000.00	9,235.46	.00	224,495.63	5,504.37	98	223,537.03
2590.004	Hydrant Permits & Rentals	16,800.00	.00	16,800.00	859.21	.00	11,722.85	5,077.15	70	5,892.07
	<i>Licenses And Permits Totals</i>	\$246,800.00	\$0.00	\$246,800.00	\$10,094.67	\$0.00	\$236,218.48	\$10,581.52	96%	\$229,429.10



Revenue Budget Performance Report

Fiscal Year to Date 12/31/21

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 Total
Fund FA - Water Board - Water										
REVENUE										
<i>Sale Of Prop/Cmp For Loss</i>										
2650.000	Sale Of Scrap	8,000.00	.00	8,000.00	.00	.00	8,962.34	(962.34)	112	3,001.37
2665.000	Sale-Equipment	2,855.00	.00	2,855.00	.00	.00	.00	2,855.00	0	280.00
2690.001	Damages to WB Property	.00	.00	.00	.00	.00	3,651.12	(3,651.12)	+++	.00
<i>Sale Of Prop/Cmp For Loss Totals</i>		\$10,855.00	\$0.00	\$10,855.00	\$0.00	\$0.00	\$12,613.46	(\$1,758.46)	116%	\$3,281.37
<i>Misc Local Sources</i>										
2701.000	Refund Appro Exp Prior Yr	.00	.00	.00	.00	.00	(674.70)	674.70	+++	1,123.54
2770.001	NSF Check Charge	5,000.00	.00	5,000.00	175.00	.00	7,630.00	(2,630.00)	153	9,170.00
2770.599	Undesignated	10,500.00	.00	10,500.00	831.88	.00	5,671.42	4,828.58	54	2,029.28
<i>Misc Local Sources Totals</i>		\$15,500.00	\$0.00	\$15,500.00	\$1,006.88	\$0.00	\$12,626.72	\$2,873.28	81%	\$12,322.82
<i>Interfund Revenues</i>										
2801.A	Interfd Rev From G/Fd	237,500.00	.00	237,500.00	.00	.00	.00	237,500.00	0	.00
2801.GA	Interfd Rev WtrBd-Sewr	.00	.00	.00	.00	.00	159,958.34	(159,958.34)	+++	.00
<i>Interfund Revenues Totals</i>		\$237,500.00	\$0.00	\$237,500.00	\$0.00	\$0.00	\$159,958.34	\$77,541.66	67%	\$0.00
<i>Operating Transfers In</i>										
5031.GA	Transfer Fr Sewer Divisn.	.00	20,000.00	20,000.00	.00	.00	.00	20,000.00	0	.00
5031.VFG	Transfer Fr Debt Service	125,000.00	.00	125,000.00	.00	.00	.00	125,000.00	0	.00
<i>Operating Transfers In Totals</i>		\$125,000.00	\$20,000.00	\$145,000.00	\$0.00	\$0.00	\$0.00	\$145,000.00	0%	\$0.00
REVENUE TOTALS		\$11,543,269.00	\$20,000.00	\$11,563,269.00	\$433,298.95	\$0.00	\$9,349,704.27	\$2,213,564.73	81%	\$10,940,689.40
Fund FA - Water Board - Water Totals		\$11,543,269.00	\$20,000.00	\$11,563,269.00	\$433,298.95	\$0.00	\$9,349,704.27	\$2,213,564.73		\$10,940,689.40
Fund FGA - Water Authority										
REVENUE										
<i>Operating Transfers In</i>										
5031.FA	Transfer Fr Water Divisn.	25,000.00	.00	25,000.00	.00	.00	.00	25,000.00	0	.00
5031.GA	Transfer Fr Sewer Divisn.	25,000.00	.00	25,000.00	.00	.00	.00	25,000.00	0	.00
<i>Operating Transfers In Totals</i>		\$50,000.00	\$0.00	\$50,000.00	\$0.00	\$0.00	\$0.00	\$50,000.00	0%	\$0.00
REVENUE TOTALS		\$50,000.00	\$0.00	\$50,000.00	\$0.00	\$0.00	\$0.00	\$50,000.00	0%	\$0.00
Fund FGA - Water Authority Totals		\$50,000.00	\$0.00	\$50,000.00	\$0.00	\$0.00	\$0.00	\$50,000.00		\$0.00
Fund FGB - Water Board										
REVENUE										
<i>Operating Transfers In</i>										
5031.FA	Transfer Fr Water Divisn.	68,920.00	.00	68,920.00	.00	.00	.00	68,920.00	0	70,000.00
5031.GA	Transfer Fr Sewer Divisn.	103,380.00	.00	103,380.00	.00	.00	.00	103,380.00	0	70,000.00
<i>Operating Transfers In Totals</i>		\$172,300.00	\$0.00	\$172,300.00	\$0.00	\$0.00	\$0.00	\$172,300.00	0%	\$140,000.00
REVENUE TOTALS		\$172,300.00	\$0.00	\$172,300.00	\$0.00	\$0.00	\$0.00	\$172,300.00	0%	\$140,000.00
Fund FGB - Water Board Totals		\$172,300.00	\$0.00	\$172,300.00	\$0.00	\$0.00	\$0.00	\$172,300.00		\$140,000.00



Revenue Budget Performance Report

Fiscal Year to Date 12/31/21
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 Total
Fund	GA - Water Board - Sewer									
	REVENUE									
	<i>Departmental Income</i>									
2120.001	District 1	2,146,410.00	.00	2,146,410.00	2,417.93	.00	1,477,510.91	668,899.09	69	2,105,684.70
2120.002	District 2	2,514,064.00	.00	2,514,064.00	3,155.87	.00	1,959,090.52	554,973.48	78	2,580,836.71
2120.003	District 3	1,862,688.00	.00	1,862,688.00	507,536.57	.00	1,718,727.01	143,960.99	92	1,944,778.52
2120.005	Industrial CSIRU	4,035,200.00	.00	4,035,200.00	121.10	.00	2,336,293.31	1,698,906.69	58	3,165,994.19
2120.006	Industrial SIU	8,365,632.00	.00	8,365,632.00	1,065,975.93	.00	9,657,407.89	(1,291,775.89)	115	10,811,521.13
2120.007	Waste Hauler Fees	3,000.00	.00	3,000.00	.00	.00	3,225.00	(225.00)	108	.00
2120.008	Hydrant Usage	6,656.00	.00	6,656.00	46.60	.00	10,212.92	(3,556.92)	153	8,131.87
2120.102	Town Of Niagara	675,000.00	.00	675,000.00	.00	.00	608,626.54	66,373.46	90	792,882.19
2122.001	Visual Inspections	.00	.00	.00	.00	.00	(120.00)	120.00	+++	(60.00)
2122.002	Dye Tests	41,102.00	.00	41,102.00	4,745.00	.00	60,852.50	(19,750.50)	148	47,285.00
2128.001	District 1	84,090.00	.00	84,090.00	(573.96)	.00	87,117.73	(3,027.73)	104	88,408.50
2128.002	District 2	60,870.00	.00	60,870.00	(25.60)	.00	59,257.01	1,612.99	97	56,332.50
2128.003	District 3	68,300.00	.00	68,300.00	.00	.00	82,290.30	(13,990.30)	120	58,230.13
2128.005	Industrial	15,000.00	.00	15,000.00	.00	.00	17,257.82	(2,257.82)	115	33,632.76
2128.006	Industrial SIU	19,100.00	.00	19,100.00	.00	.00	191,392.01	(172,292.01)	1002	7,287.99
2141.000	Allowance for Unpaid Trfd	20,715.00	.00	20,715.00	.00	.00	61,324.51	(40,609.51)	296	(93,822.13)
	<i>Departmental Income Totals</i>	\$19,917,827.00	\$0.00	\$19,917,827.00	\$1,583,399.44	\$0.00	\$18,330,465.98	\$1,587,361.02	92%	\$21,607,124.06
	<i>Use Of Money & Property</i>									
2401.000	Interest Earnings	80,500.00	.00	80,500.00	(68.73)	.00	1,972.33	78,527.67	2	15,712.05
	<i>Use Of Money & Property Totals</i>	\$80,500.00	\$0.00	\$80,500.00	(\$68.73)	\$0.00	\$1,972.33	\$78,527.67	2%	\$15,712.05
	<i>Licenses And Permits</i>									
2590.006	SIU 5-Yr Permits	6,250.00	.00	6,250.00	500.00	.00	1,500.00	4,750.00	24	7,750.00
	<i>Licenses And Permits Totals</i>	\$6,250.00	\$0.00	\$6,250.00	\$500.00	\$0.00	\$1,500.00	\$4,750.00	24%	\$7,750.00
	<i>Fines And Forfeits</i>									
2620.000	Forfeitures Of Deposits	800.00	.00	800.00	.00	.00	.00	800.00	0	450.00
	<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
2665.000	Sale-Equipment	.00	.00	.00	.00	.00	70,130.00	(70,130.00)	+++	.00
2690.001	Damages to WB Property	84,525.00	.00	84,525.00	.00	.00	.00	84,525.00	0	308,396.73
	<i>Sale Of Prop/Cmp For Loss Totals</i>	\$86,875.00	\$0.00	\$86,875.00	\$0.00	\$0.00	\$70,130.00	\$16,745.00	81%	\$309,650.24
	<i>Misc Local Sources</i>									
2701.000	Refund Appro Exp Prior Yr	(7,800.00)	.00	(7,800.00)	.00	.00	(39,455.88)	31,655.88	506	1,520.03
2770.599	Undesignated	.00	.00	.00	.00	.00	31,897.40	(31,897.40)	+++	4,239.47
	<i>Misc Local Sources Totals</i>	(\$7,800.00)	\$0.00	(\$7,800.00)	\$0.00	\$0.00	(\$7,558.48)	(\$241.52)	97%	\$5,759.50
	<i>Interfund Revenues</i>									
2801.F	Interfd Rev Fr Water	.00	.00	.00	.00	.00	162,096.34	(162,096.34)	+++	.00



Revenue Budget Performance Report

Fiscal Year to Date 12/31/21

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 Total
Fund	GA - Water Board - Sewer									
	REVENUE									
	<i>Interfund Revenues Totals</i>	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$162,096.34	(\$162,096.34)	+++	\$0.00
	REVENUE TOTALS	\$20,084,452.00	\$0.00	\$20,084,452.00	\$1,583,830.71	\$0.00	\$18,558,606.17	\$1,525,845.83	92%	\$21,946,445.85
Fund	GA - Water Board - Sewer Totals	\$20,084,452.00	\$0.00	\$20,084,452.00	\$1,583,830.71	\$0.00	\$18,558,606.17	\$1,525,845.83		\$21,946,445.85
Fund	VFG - Plant Fund									
	REVENUE									
	<i>Use Of Money & Property</i>									
2401.000	Interest Earnings	1,100,000.00	.00	1,100,000.00	33,922.25	.00	416,244.58	683,755.42	38	607,753.09
	<i>Use Of Money & Property Totals</i>	\$1,100,000.00	\$0.00	\$1,100,000.00	\$33,922.25	\$0.00	\$416,244.58	\$683,755.42	38%	\$607,753.09
	<i>Misc Local Sources</i>									
2710.000	Bond Premium	.00	.00	.00	.00	.00	.00	.00	+++	190,749.58
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)	+++	\$190,749.58
	<i>Proceeds Of Obligations</i>									
4990.000	Grant Revenue	.00	.00	.00	.00	.00	2,546,124.00	(2,546,124.00)	+++	1,242,975.58
	<i>Proceeds Of Obligations Totals</i>	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$2,546,124.00	(\$2,546,124.00)	+++	\$1,242,975.58
	<i>Operating Transfers In</i>									
5031.FA	Transfer Fr Water Divisn.	2,182,651.00	.00	2,182,651.00	8,255.70	.00	98,815.67	2,083,835.33	5	3,892,807.20
5031.GA	Transfer Fr Sewer Divisn.	3,995,379.00	.00	3,995,379.00	12,383.54	.00	149,621.29	3,845,757.71	4	5,839,210.80
	<i>Operating Transfers In Totals</i>	\$6,178,030.00	\$0.00	\$6,178,030.00	\$20,639.24	\$0.00	\$248,436.96	\$5,929,593.04	4%	\$9,732,018.00
	REVENUE TOTALS	\$7,278,030.00	\$0.00	\$7,278,030.00	\$54,561.49	\$0.00	\$3,211,951.70	\$4,066,078.30	44%	\$11,773,496.25
Fund	VFG - Plant Fund Totals	\$7,278,030.00	\$0.00	\$7,278,030.00	\$54,561.49	\$0.00	\$3,211,951.70	\$4,066,078.30		\$11,773,496.25
	Grand Totals	\$39,128,051.00	\$20,000.00	\$39,148,051.00	\$2,071,691.15	\$0.00	\$31,120,262.14	\$8,027,788.86		\$44,800,631.50



Expense Budget Performance Report

Fiscal Year to Date 12/31/21

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 Total
Fund	GA - Water Board - Sewer									
	EXPENSE									
	<i>Personnel - Position Control</i>									
0110.000	Biweekly Payroll	2,801,679.00	.00	2,801,679.00	197,177.52	.00	2,550,431.90	251,247.10	91	2,732,640.52
0153.000	Stipend	.00	.00	.00	461.54	.00	4,038.47	(4,038.47)	+++	96.15
	<i>Personnel - Position Control Totals</i>	\$2,801,679.00	\$0.00	\$2,801,679.00	\$197,639.06	\$0.00	\$2,554,470.37	\$247,208.63	91%	\$2,732,736.67
	<i>Personnel Services</i>									
0111.000	Biwkly Comp Differential	.00	.00	.00	527.10	.00	6,652.61	(6,652.61)	+++	1,815.45
0125.000	Insurance OPT Out	122,148.00	.00	122,148.00	4,212.25	.00	103,255.17	18,892.83	85	106,042.52
0130.000	Temporary Payroll	111,964.00	(13,691.00)	98,273.00	7,332.50	.00	176,768.36	(78,495.36)	180	152,392.08
0140.000	Overtime	223,300.00	(5,000.00)	218,300.00	8,439.21	.00	166,907.12	51,392.88	76	209,525.63
0150.000	Acting Next-In-Rank Pay	12,480.00	.00	12,480.00	1,628.16	.00	18,553.36	(6,073.36)	149	16,745.53
0151.A	Sunday Contractual Pay	.00	.00	.00	3,692.80	.00	48,136.51	(48,136.51)	+++	48,822.12
0152.000	Shift Premium Pay	8,500.00	.00	8,500.00	5.91	.00	8,351.69	148.31	98	8,726.30
0155.A	Holiday Contractual Pay	.00	.00	.00	3,535.26	.00	27,631.21	(27,631.21)	+++	30,362.61
0155.000	Holiday Pay	9,298.00	.00	9,298.00	8,579.95	.00	77,410.58	(68,112.58)	833	88,104.86
0165.000	Military Leave	.00	.00	.00	260.34	.00	11,959.52	(11,959.52)	+++	3,298.05
0170.000	Overtime Meals	6,225.00	.00	6,225.00	237.75	.00	4,661.25	1,563.75	75	5,607.30
0181.000	Vacation Pay	.00	.00	.00	15,253.29	.00	174,554.40	(174,554.40)	+++	158,348.24
0182.000	Personal Time	.00	.00	.00	860.86	.00	5,763.42	(5,763.42)	+++	6,653.37
0183.000	Compensatory Time Off	.00	.00	.00	2,804.41	.00	13,645.08	(13,645.08)	+++	7,036.30
0184.000	Funeral Leave	.00	.00	.00	242.16	.00	8,010.58	(8,010.58)	+++	8,517.36
0185.000	Jury Duty	.00	.00	.00	.00	.00	3,891.12	(3,891.12)	+++	.00
0186.000	Call-In Time	7,750.00	.00	7,750.00	1,578.10	.00	20,422.02	(12,672.02)	264	19,756.26
0189.000	Sick Leave	.00	.00	.00	4,956.76	.00	71,141.29	(71,141.29)	+++	78,021.67
0197.000	Compensated Absences	.00	.00	.00	.00	.00	.00	.00	+++	(2,661.10)
	<i>Personnel Services Totals</i>	\$501,665.00	(\$18,691.00)	\$482,974.00	\$64,146.81	\$0.00	\$947,715.29	(\$464,741.29)	196%	\$947,114.55
	<i>Capital Outlays</i>									
0210.000	Furniture & Furnishings	.00	4,000.00	4,000.00	.00	.00	998.00	3,002.00	25	.00
0220.000	Office Equipment	.00	.00	.00	.00	.00	.00	.00	+++	500.00
0230.000	Motor Vehicle Equipment	.00	.00	.00	.00	.00	.00	.00	+++	7,178.78
0250.000	Other Equipment	.00	6,500.00	6,500.00	.00	.00	6,213.76	286.24	96	.00
0250.500	Safety Equipment	25,000.00	.00	25,000.00	20.66	.00	10,903.34	14,096.66	44	20,403.72
	<i>Capital Outlays Totals</i>	\$25,000.00	\$10,500.00	\$35,500.00	\$20.66	\$0.00	\$18,115.10	\$17,384.90	51%	\$28,082.50
	<i>Contractual Expenses</i>									
0411.000	Office Supplies	2,750.00	.00	2,750.00	431.44	.00	2,496.76	253.24	91	2,836.56
0412.000	Uniforms	2,170.00	.00	2,170.00	119.20	.00	2,073.20	96.80	96	2,172.22
0413.000	Safety Shoes	10,400.00	.00	10,400.00	1,630.85	.00	8,064.72	2,335.28	78	7,597.78
0414.000	Automotive-Gas,Oil,Grease	40,000.00	.00	40,000.00	3,750.72	.00	34,470.74	5,529.26	86	18,111.24
0416.000	Consumable Printed Forms	700.00	.00	700.00	.00	.00	624.92	75.08	89	328.95
0417.000	Tool Allowance	300.00	.00	300.00	.00	.00	297.32	2.68	99	450.00



Expense Budget Performance Report

Fiscal Year to Date 12/31/21

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 Total
Fund	GA - Water Board - Sewer									
	EXPENSE									
	<i>Contractual Expenses</i>									
0419.001	Automotive Parts	25,000.00	.00	25,000.00	903.70	.00	29,086.96	(4,086.96)	116	40,793.57
0419.003	Cleaning/Sanitary	5,000.00	5,000.00	10,000.00	.00	.00	5,991.88	4,008.12	60	4,720.22
0419.004	Agricultural/Botanical	40,000.00	.00	40,000.00	38,970.40	.00	38,970.40	1,029.60	97	40,000.00
0419.005	Tools & Machine Parts	207,100.00	.00	207,100.00	11,565.48	.00	171,989.42	35,110.58	83	186,056.73
0419.006	Construction/Repair	142,500.00	.00	142,500.00	21,788.59	.00	128,466.80	14,033.20	90	133,694.29
0419.008	Signals/Communication	5,000.00	.00	5,000.00	.00	.00	3,250.00	1,750.00	65	3,100.50
0419.009	Misc Chemicals	19,500.00	.00	19,500.00	5,999.71	.00	16,234.71	3,265.29	83	17,518.67
0419.010	Laboratory	26,000.00	.00	26,000.00	6,326.13	.00	25,091.82	908.18	97	16,776.29
0419.012	Carbon	110,000.00	(30,000.00)	80,000.00	.00	.00	4,928.00	75,072.00	6	97,587.50
0419.014	Ferric Chloride	410,000.00	.00	410,000.00	32,116.87	.00	375,869.15	34,130.85	92	378,533.24
0419.016	Primary Polymer	120,000.00	.00	120,000.00	.00	.00	36,696.00	83,304.00	31	73,392.00
0419.017	Sludge Polymer	110,000.00	.00	110,000.00	.00	.00	74,880.00	35,120.00	68	54,080.00
0419.018	Pebble Lime	230,000.00	.00	230,000.00	14,200.81	.00	141,484.69	88,515.31	62	163,779.63
0419.024	Hypochlorite Solution	2,500,000.00	.00	2,500,000.00	320,734.69	.00	3,355,904.36	(855,904.36)	134	2,850,681.28
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	6,309.70	.00	40,758.85	8,461.15	83	46,632.10
0421.001	Phone Extension Chgs	43,925.00	.00	43,925.00	3,730.14	.00	42,996.28	928.72	98	45,006.65
0421.002	Wireless Services	16,000.00	.00	16,000.00	745.95	.00	7,987.29	8,012.71	50	8,797.96
0422.000	Light & Power	633,000.00	.00	633,000.00	58,781.29	.00	606,433.09	26,566.91	96	646,690.84
0423.000	Water/Sewer	486,000.00	.00	486,000.00	.00	.00	504,112.54	(18,112.54)	104	601,623.00
0424.000	Gas	25,000.00	.00	25,000.00	.00	.00	16,429.54	8,570.46	66	21,518.63
0432.000	Property Insurance	142,500.00	.00	142,500.00	.00	.00	.00	142,500.00	0	217,113.48
0433.000	Liability Insurance	88,512.00	.00	88,512.00	.00	.00	181,069.02	(92,557.02)	205	64,660.62
0440.003	Motor Vehicle Equipment	80,000.00	.00	80,000.00	3,948.28	.00	79,732.70	267.30	100	74,739.66
0440.599	Undesignated Leases	1,050.00	.00	1,050.00	153.73	.00	1,084.80	(34.80)	103	834.63
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	362.25	.00	4,706.44	9,293.56	34	16,935.00
0442.003	Motor Vehicle Equip Rentl	.00	9,565.00	9,565.00	989.00	.00	10,001.90	(436.90)	105	5,326.87
0442.599	Undesignated Rentals	2,700.00	.00	2,700.00	127.34	.00	2,312.17	387.83	86	2,347.14
0443.000	Repair Of Real Property	35,000.00	.00	35,000.00	686.28	.00	28,139.10	6,860.90	80	14,520.09
0444.000	Repair Of Equipment	163,745.00	.00	163,745.00	13,333.33	1,299.72	92,694.35	69,750.93	57	132,356.92
0446.000	Computer Services	2,500.00	.00	2,500.00	349.98	.00	4,199.74	(1,699.74)	168	4,199.72
0449.000	Billing & Collection	42,500.00	.00	42,500.00	3,429.72	.00	41,156.61	1,343.39	97	42,642.58
0449.002	Sludge Disposal	1,750,000.00	.00	1,750,000.00	143,382.75	.00	1,920,554.86	(170,554.86)	110	1,517,790.40
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	1,903.73	1,296.27	59	1,927.50
0449.599	Undesignated Services	157,000.00	39,563.00	196,563.00	16,523.67	.00	188,143.08	8,419.92	96	136,147.89
0451.000	Consultants	73,762.00	.00	73,762.00	10,577.21	.00	121,596.18	(47,834.18)	165	74,471.02



Expense Budget Performance Report

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Exclude Rollup Account

Account	Account Description	Adopted Budget	Budget Amendments	Amended Budget	Current Month Transactions	YTD Encumbrances	YTD Transactions	Budget - YTD Transactions	% Used/ Rec'd	Prior Year Total
Fund	GA - Water Board - Sewer									
	EXPENSE									
	<i>Contractual Expenses</i>									
0454.000	Attorney Services	80,000.00	.00	80,000.00	2,092.42	.00	49,168.00	30,832.00	61	45,945.70
0461.000	Postage	15,000.00	.00	15,000.00	557.44	.00	41,355.68	(26,355.68)	276	18,248.19
0463.000	Travel & Training Expense	8,320.00	1,717.00	10,037.00	228.19	.00	7,164.19	2,872.81	71	2,141.50
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	91.90	.00	1,247.02	7,497.98	14	6,655.82
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	51.17	.00	486.32	13.68	97	352.44
0471.000	Recruitment Expenditures	400.00	.00	400.00	.00	.00	476.50	(76.50)	119	278.80
	<i>Contractual Expenses Totals</i>	\$8,130,354.00	\$26,065.00	\$8,156,419.00	\$724,990.33	\$1,299.72	\$8,454,832.83	(\$299,713.55)	104%	\$7,845,131.82
	<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	415,226.83
0820.000	Worker's Compensation	262,000.00	.00	262,000.00	782.74	.00	2,697.31	259,302.69	1	242,417.21
0830.000	Life Insurance	11,660.00	.00	11,660.00	.00	.00	11,140.29	519.71	96	12,204.15
0840.000	Unemployment Ins. NYS	17,253.00	.00	17,253.00	.00	.00	.00	17,253.00	0	24,139.85
0860.000	Medical Insurance	2,675,896.00	.00	2,675,896.00	(7,430.72)	.00	1,830,965.27	844,930.73	68	2,263,723.03
0861.000	Dental Insurance	28,400.00	.00	28,400.00	.00	.00	.00	28,400.00	0	62,446.75
0863.000	Vision Care Insurance	5,982.00	.00	5,982.00	.00	.00	4,774.93	1,207.07	80	5,838.92
0865.000	Chiropractic Insurance	965.00	.00	965.00	.00	.00	560.00	405.00	58	1,040.00
0890.000	Post-Employment Benefits(OPEB)	.00	.00	.00	.00	.00	.00	.00	+++	1,672,538.00
	<i>Employee Benefits Totals</i>	\$3,393,591.00	\$0.00	\$3,393,591.00	(\$6,647.98)	\$0.00	\$1,956,893.63	\$1,436,697.37	58%	\$4,699,574.74
	<i>Employee Benefit - FICA</i>									
0810.000	Social Security	276,572.00	.00	276,572.00	19,796.70	.00	261,310.48	15,261.52	94	275,468.34
	<i>Employee Benefit - FICA Totals</i>	\$276,572.00	\$0.00	\$276,572.00	\$19,796.70	\$0.00	\$261,310.48	\$15,261.52	94%	\$275,468.34
	<i>Interfund Transfers</i>									
0900.FA	Transfer To Water Divisn.	.00	(22,000.00)	(22,000.00)	.00	.00	.00	(22,000.00)	0	.00
0900.FGA	Transfer To Authority Bd	25,000.00	.00	25,000.00	.00	.00	.00	25,000.00	0	.00
0900.FGB	Transfer To Water Board	103,380.00	.00	103,380.00	.00	.00	.00	103,380.00	0	70,000.00
0900.O&M	Transfer to Capital - Coverage	614,288.00	.00	614,288.00	.00	.00	.00	614,288.00	0	1,420,981.80
0900.VFG	Transfer To Debt Service	4,212,923.00	.00	4,212,923.00	12,383.54	.00	149,621.29	4,063,301.71	4	4,418,229.00
	<i>Interfund Transfers Totals</i>	\$4,955,591.00	(\$22,000.00)	\$4,933,591.00	\$12,383.54	\$0.00	\$149,621.29	\$4,783,969.71	3%	\$5,909,210.80
	EXPENSE TOTALS	\$20,084,452.00	(\$4,126.00)	\$20,080,326.00	\$1,012,329.12	\$1,299.72	\$14,342,958.99	\$5,736,067.29	71%	\$22,437,319.42
Fund	GA - Water Board - Sewer Totals	\$20,084,452.00	(\$4,126.00)	\$20,080,326.00	\$1,012,329.12	\$1,299.72	\$14,342,958.99	\$5,736,067.29		\$22,437,319.42
	Grand Totals	\$20,084,452.00	(\$4,126.00)	\$20,080,326.00	\$1,012,329.12	\$1,299.72	\$14,342,958.99	\$5,736,067.29		\$22,437,319.42



Expense Budget Performance Report

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Exclude Rollup Account

Account	Account Description	Adopted Budget	Budget Amendments	Amended Budget	Current Month Transactions	YTD Encumbrances	YTD Transactions	Budget - YTD Transactions	% Used/ Rec'd	Prior Year Total
Fund	FA - Water Board - Water									
	EXPENSE									
	<i>Personnel - Position Control</i>									
0110.000	Biweekly Payroll	2,429,005.00	.00	2,429,005.00	153,080.95	.00	2,057,500.92	371,504.08	85	2,172,454.18
0153.000	Stipend	4,925.00	.00	4,925.00	922.96	.00	10,036.94	(5,111.94)	204	6,186.90
	<i>Personnel - Position Control Totals</i>	\$2,433,930.00	\$0.00	\$2,433,930.00	\$154,003.91	\$0.00	\$2,067,537.86	\$366,392.14	85%	\$2,178,641.08
	<i>Personnel Services</i>									
0111.000	Biwkly Comp Differential	.00	.00	.00	527.10	.00	527.10	(527.10)	+++	874.00
0125.000	Insurance OPT Out	66,872.00	.00	66,872.00	2,122.63	.00	54,814.73	12,057.27	82	58,978.94
0130.000	Temporary Payroll	22,650.00	(4,180.00)	18,470.00	800.00	.00	15,613.38	2,856.62	85	46,732.45
0140.000	Overtime	75,319.00	.00	75,319.00	4,222.61	.00	72,381.69	2,937.31	96	74,576.14
0150.000	Acting Next-In-Rank Pay	.00	.00	.00	1,338.34	.00	3,189.40	(3,189.40)	+++	453.00
0151.A	Sunday Contractual Pay	14,385.00	.00	14,385.00	1,274.87	.00	16,077.42	(1,692.42)	112	15,209.78
0152.000	Shift Premium Pay	.00	.00	.00	3.91	.00	3,829.49	(3,829.49)	+++	3,720.50
0155.A	Holiday Contractual Pay	6,950.00	.00	6,950.00	908.18	.00	7,264.50	(314.50)	105	7,253.15
0155.000	Holiday Pay	.00	.00	.00	8,432.05	.00	79,160.07	(79,160.07)	+++	87,393.01
0165.000	Military Leave	.00	.00	.00	.00	.00	.00	.00	+++	181.98
0170.000	Overtime Meals	2,505.00	.00	2,505.00	101.75	.00	1,868.75	636.25	75	1,835.70
0181.000	Vacation Pay	.00	.00	.00	5,882.91	.00	192,895.82	(192,895.82)	+++	151,996.50
0182.000	Personal Time	.00	.00	.00	2,049.56	.00	13,945.42	(13,945.42)	+++	9,190.14
0183.000	Compensatory Time Off	.00	.00	.00	282.79	.00	3,287.45	(3,287.45)	+++	3,030.11
0184.000	Funeral Leave	.00	.00	.00	634.74	.00	5,541.96	(5,541.96)	+++	4,301.41
0186.000	Call-In Time	6,475.00	.00	6,475.00	559.22	.00	6,748.87	(273.87)	104	5,905.93
0189.000	Sick Leave	.00	.00	.00	5,269.91	.00	82,813.55	(82,813.55)	+++	63,583.63
0190.000	Vacation Cash Conversion	5,329.00	.00	5,329.00	.00	.00	2,431.92	2,897.08	46	2,407.84
0197.000	Compensated Absences	.00	.00	.00	.00	.00	.00	.00	+++	(477.55)
	<i>Personnel Services Totals</i>	\$200,485.00	(\$4,180.00)	\$196,305.00	\$34,410.57	\$0.00	\$562,391.52	(\$366,086.52)	286%	\$537,146.66
	<i>Capital Outlays</i>									
0210.000	Furniture & Furnishings	500.00	5,000.00	5,500.00	1,323.78	.00	5,306.52	193.48	96	.00
0220.000	Office Equipment	500.00	.00	500.00	.00	.00	86.40	413.60	17	.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	6,934.72	.00	23,919.16	1,580.84	94	8,070.85
0250.007	Computer Equipment	25,500.00	.00	25,500.00	480.53	.00	3,269.43	22,230.57	13	26,769.90
0250.500	Safety Equipment	7,957.00	(5,000.00)	2,957.00	.00	.00	2,534.97	422.03	86	11,840.71
	<i>Capital Outlays Totals</i>	\$148,457.00	(\$2,500.00)	\$145,957.00	\$8,739.03	\$0.00	\$37,115.48	\$108,841.52	25%	\$46,681.46
	<i>Contractual Expenses</i>									
0411.000	Office Supplies	15,200.00	(1,000.00)	14,200.00	86.87	.00	8,829.56	5,370.44	62	7,960.31
0412.000	Uniforms	2,050.00	.00	2,050.00	.00	.00	1,183.00	867.00	58	2,277.39
0413.000	Safety Shoes	8,200.00	.00	8,200.00	1,584.41	.00	5,971.47	2,228.53	73	7,001.21
0414.000	Automotive-Gas,Oil,Grease	45,000.00	.00	45,000.00	4,021.44	.00	43,826.83	1,173.17	97	21,951.35
0415.000	Fuel Oil	30,000.00	(21,000.00)	9,000.00	.00	.00	8,083.56	916.44	90	.00



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Account	Account Description	Adopted Budget	Budget Amendments	Amended Budget	Current Month Transactions	YTD Encumbrances	YTD Transactions	Budget - YTD Transactions	% Used/ Rec'd	Prior Year Total
Fund	FA - Water Board - Water									
	EXPENSE									
	<i>Contractual Expenses</i>									
0416.000	Consumable Printed Forms	700.00	.00	700.00	.00	.00	624.92	75.08	89	1,136.68
0417.000	Tool Allowance	150.00	.00	150.00	.00	.00	149.22	.78	99	147.92
0419.001	Automotive Parts	20,000.00	.00	20,000.00	903.70	.00	18,207.85	1,792.15	91	31,904.21
0419.003	Cleaning/Sanitary	5,000.00	.00	5,000.00	.00	.00	1,902.40	3,097.60	38	909.91
0419.005	Tools & Machine Parts	77,500.00	.00	77,500.00	7,121.13	.00	61,219.75	16,280.25	79	68,667.46
0419.006	Construction/Repair	174,000.00	.00	174,000.00	26,699.90	.00	159,594.56	14,405.44	92	178,948.13
0419.009	Misc Chemicals	361,000.00	21,000.00	382,000.00	66,037.32	.00	356,599.69	25,400.31	93	347,499.53
0419.010	Laboratory	31,000.00	.00	31,000.00	149.00	.00	20,855.73	10,144.27	67	28,357.67
0419.599	Undesignated Supplies	9,450.00	.00	9,450.00	.00	.00	5,002.01	4,447.99	53	5,372.37
0421.001	Phone Extension Chgs	25,000.00	.00	25,000.00	1,860.99	.00	20,575.47	4,424.53	82	23,416.55
0421.002	Wireless Services	16,000.00	.00	16,000.00	1,114.66	.00	12,494.52	3,505.48	78	12,869.93
0422.000	Light & Power	500,000.00	.00	500,000.00	41,723.92	.00	551,029.32	(51,029.32)	110	595,469.46
0423.000	Water/Sewer	698,000.00	.00	698,000.00	.00	.00	499,180.22	198,819.78	72	690,380.68
0424.000	Gas	20,000.00	.00	20,000.00	1,762.88	.00	12,344.94	7,655.06	62	12,722.92
0432.000	Property Insurance	85,000.00	.00	85,000.00	.00	.00	.00	85,000.00	0	144,742.32
0433.000	Liability Insurance	65,500.00	.00	65,500.00	.00	.00	140,710.77	(75,210.77)	215	60,495.65
0440.003	Motor Vehicle Equipment	84,000.00	.00	84,000.00	3,948.29	.00	78,734.63	5,265.37	94	77,979.04
0440.599	Undesignated Leases	1,050.00	.00	1,050.00	200.11	.00	1,254.28	(204.28)	119	1,279.10
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	362.25	.00	3,745.41	254.59	94	4,006.10
0442.003	Motor Vehicle Equip Rentl	5,000.00	8,306.00	13,306.00	989.00	.00	10,001.88	3,304.12	75	5,326.87
0442.599	Undesignated Rentals	5,000.00	.00	5,000.00	109.80	.00	1,916.03	3,083.97	38	2,127.61
0444.000	Repair Of Equipment	23,700.00	194.00	23,894.00	2,321.50	.00	8,998.02	14,895.98	38	23,127.87
0446.000	Computer Services	4,000.00	.00	4,000.00	349.97	.00	4,199.66	(199.66)	105	4,199.68
0446.008	Software Maint/Licenses	335,000.00	.00	335,000.00	6,039.12	.00	320,842.01	14,157.99	96	242,699.33
0449.000	Billing & Collection	42,500.00	.00	42,500.00	3,429.71	.00	41,156.55	1,343.45	97	42,642.65
0449.001	Sludge Removal	80,000.00	.00	80,000.00	136,888.60	.00	136,888.60	(56,888.60)	171	11,945.42
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	2,483.25	.00	5,823.90	476.10	92	1,927.50
0449.599	Undesignated Services	830,000.00	(21,694.00)	808,306.00	24,541.80	.00	829,623.37	(21,317.37)	103	788,522.91
0451.000	Consultants	63,000.00	.00	63,000.00	11,155.69	.00	80,032.75	(17,032.75)	127	52,064.60
0454.000	Attorney Services	50,000.00	.00	50,000.00	1,967.42	.00	47,370.45	2,629.55	95	51,278.42
0461.000	Postage	20,000.00	.00	20,000.00	557.45	.00	41,355.68	(21,355.68)	207	18,216.56
0463.000	Travel & Training Expense	13,800.00	(2,000.00)	11,800.00	228.19	.00	4,883.62	6,916.38	41	6,099.99
0465.000	Laundry & Cleaning	3,000.00	.00	3,000.00	.00	.00	980.53	2,019.47	33	.00
0466.000	Books,Mags. & Memberships	.00	.00	.00	.00	.00	210.00	(210.00)	+++	.00
0467.000	Advertising	500.00	.00	500.00	51.16	.00	443.37	56.63	89	352.43
0471.000	Recruitment Expenditures	800.00	.00	800.00	.00	.00	342.50	457.50	43	458.98



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Fund	FA - Water Board - Water									
	EXPENSE									
	<i>Contractual Expenses Totals</i>	\$3,755,400.00	(\$11,194.00)	\$3,744,206.00	\$348,689.53	\$0.00	\$3,547,213.03	\$196,992.97	95%	\$3,576,962.49
	<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	207,613.42
0820.000	Worker's Compensation	262,000.00	.00	262,000.00	521.82	.00	1,877.32	260,122.68	1	241,731.08
0830.000	Life Insurance	8,931.00	.00	8,931.00	.00	.00	8,750.22	180.78	98	9,276.54
0840.000	Unemployment Ins. NYS	26,019.00	.00	26,019.00	.00	.00	.00	26,019.00	0	24,139.82
0860.000	Medical Insurance	1,572,882.00	.00	1,572,882.00	(4,493.03)	.00	1,183,080.04	389,801.96	75	1,396,089.43
0861.000	Dental Insurance	55,305.00	.00	55,305.00	.00	.00	.00	55,305.00	0	38,728.31
0863.000	Vision Care Insurance	4,240.00	.00	4,240.00	.00	.00	3,153.89	1,086.11	74	3,793.62
0865.000	Chiropractic Insurance	2,200.00	.00	2,200.00	210.00	.00	1,490.00	710.00	68	1,360.00
0890.000	Post-Employment Benefits(OPEB)	.00	.00	.00	.00	.00	.00	.00	+++	691,976.00
	<i>Employee Benefits Totals</i>	\$2,127,394.00	\$0.00	\$2,127,394.00	(\$3,761.21)	\$0.00	\$1,251,729.39	\$875,664.61	59%	\$2,614,708.22
	<i>Employee Benefit - FICA</i>									
0810.000	Social Security	215,454.00	.00	215,454.00	14,235.35	.00	196,612.03	18,841.97	91	202,487.51
	<i>Employee Benefit - FICA Totals</i>	\$215,454.00	\$0.00	\$215,454.00	\$14,235.35	\$0.00	\$196,612.03	\$18,841.97	91%	\$202,487.51
	<i>Interfund Transfers</i>									
0900.GA	Transfer To Sewer Divisn.	.00	2,000.00	2,000.00	.00	.00	.00	2,000.00	0	.00
0900.FGA	Transfer To Authority Bd	25,000.00	.00	25,000.00	.00	.00	.00	25,000.00	0	.00
0900.FGB	Transfer To Water Board	68,920.00	.00	68,920.00	.00	.00	.00	68,920.00	0	70,000.00
0900.O&M	Transfer to Capital - Coverage	510,578.00	.00	510,578.00	.00	.00	.00	510,578.00	0	947,321.20
0900.VFG	Transfer To Debt Service	2,057,651.00	.00	2,057,651.00	8,255.70	.00	98,815.67	1,958,835.33	5	2,945,486.00
	<i>Interfund Transfers Totals</i>	\$2,662,149.00	\$2,000.00	\$2,664,149.00	\$8,255.70	\$0.00	\$98,815.67	\$2,565,333.33	4%	\$3,962,807.20
	EXPENSE TOTALS	\$11,543,269.00	(\$15,874.00)	\$11,527,395.00	\$564,572.88	\$0.00	\$7,761,414.98	\$3,765,980.02	67%	\$13,119,434.62
Fund	FA - Water Board - Water Totals	\$11,543,269.00	(\$15,874.00)	\$11,527,395.00	\$564,572.88	\$0.00	\$7,761,414.98	\$3,765,980.02		\$13,119,434.62
	Grand Totals	\$11,543,269.00	(\$15,874.00)	\$11,527,395.00	\$564,572.88	\$0.00	\$7,761,414.98	\$3,765,980.02		\$13,119,434.62



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Account	Account Description	Adopted Budget	Budget Amendments	Amended Budget	Current Month Transactions	YTD Encumbrances	YTD Transactions	Budget - YTD Transactions	% Used/ Rec'd	Prior Year Total
Fund	FGB - Water Board									
	EXPENSE									
	<i>Contractual Expenses</i>									
0419.599	Undesignated Supplies	2,000.00	.00	2,000.00	719.95	.00	4,257.13	(2,257.13)	213	4,679.07
0451.000	Consultants	35,000.00	.00	35,000.00	20,787.50	.00	80,744.57	(45,744.57)	231	47,446.67
0454.000	Attorney Services	100,000.00	(200.00)	99,800.00	.00	.00	27,495.20	72,304.80	28	212,383.95
0459.000	Auditors	28,000.00	.00	28,000.00	103.00	.00	32,941.50	(4,941.50)	118	17,000.00
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	\$21,610.45	\$0.00	\$149,969.44	\$22,330.56	87%	\$285,523.69
	EXPENSE TOTALS	\$172,300.00	\$0.00	\$172,300.00	\$21,610.45	\$0.00	\$149,969.44	\$22,330.56	87%	\$285,523.69
Fund	FGB - Water Board Totals	\$172,300.00	\$0.00	\$172,300.00	\$21,610.45	\$0.00	\$149,969.44	\$22,330.56		\$285,523.69
	Grand Totals	\$172,300.00	\$0.00	\$172,300.00	\$21,610.45	\$0.00	\$149,969.44	\$22,330.56		\$285,523.69

BANK PAID DATE	Req #	Invoice Date	PP # of #	VENDOR	Project Name	DESCRIPTION	INVOICE	AMOUNT	CIP FUNDING ACCOUNT
11/15/2021	2021-161	9/24/2021	NA	CPL	Combined Projects-Misceleneous	Professional Services-Capital Work Management	77813	\$ 41,711.66	C-5
11/18/2021	2021-162	9/7/2021	2	KS State Bank	Fleet Replacement	2018 Freightliner Truck	3352480	\$ 60,739.71	C-3
11/18/2021	2021-163	8/24/2021	8	AECOM	Consent Order Services-Pilot Scale Testing Evaluation	Pilot Scale Testing Evaluation-Professional Services	2000531338	\$ 20,990.55	WWTP-17
11/18/2021	2021-164	9/13/2021	17	AECOM	Consent Order Services	CO Services Exclusive of 11&14	2000538690	\$ 10,044.05	WWTP-4D
11/29/2021	2021-165	10/7/2021	Final-Retention	Pinto Construction Services	Sewer Repair	15"Sewer repair 1340 Michigan Ave	Retention	\$ 1,748.10	S-8
11/29/2021	2021-166	10/5/2021	1	Miris Building Supplies	Lift Station work	Roofing improvements at the Lift station	183220/187133/183716/187526	\$ 2,643.81	S-8
11/29/2021	2021-167	9/14/2021	2-Final	EJ Prescott	Miscellaneous Project	6" Gate Valve	5872590	\$ 7,125.00	W-30
11/29/2021	2021-168	9/24/2021	1	CPL	77th Street Main	Design & Bid development for 77th Street main	77814	\$ 17,931.00	W-11
11/29/2021	2021-169	9/2/2021	1	Payne Carpet Outlet	EO room improvements	Carpets	101805/101799	\$ 4,505.00	WTP-6
11/29/2021	2021-170	7/26/2021	1	4th Generation	Sewer Repair	7th St 21" Combined Sewer Repair-Still need to pay Retainage of \$8,750.45	Final	\$ 166,258.55	S-8
11/29/2021	2021-171	11/3/2021	5	CIR Electric	WWTP Rehab Phase 4 Electrical	Electrrical Work	43588	\$ 32,021.53	WWTP-1
								\$ 365,718.96	

BANK PAID DATE	Req #	Invoice Date	PP # of #	VENDOR	Project Name	DESCRIPTION	INVOICE	AMOUNT	CIP FUNDING ACCOUNT
12/7/2021	2021-172	10/4/2021	1	MLP Plumbing	Interior Piping Improvements	City Water Bypass & Initial startup	215030/1	\$ 42,313.66	WWTP-9
12/7/2021	2021-173	9/27/2021	11	CIR Electric	Gorge Pump Station Rehab	Gorge Pump Station Rehab-Electrical	43070	\$ 5,367.50	WWTP-2
12/7/2021	2021-174	9/27/2021	12	CIR Electric	Gorge Pump Station Rehab	Gorge Pump Station Rehab-Electrical	43240	\$ 181,687.50	WWTP-2
12/14/2021	2021-175	11/9/2021	7	STC Construction	Gorge Pump Station Rehab	Gorge Pump Station Rehab-General Contractor	7	\$ 143,470.81	WWTP-2
12/14/2021	2021-176	9/28/2021	4	CIR Electric	Basin Modifications-Phase 4A	Electrical work	43391	\$ 22,575.79	WWTP-1
12/14/2021	2021-177	11/4/2021	Retainage	Mark Cerrone	Sewer Repair	81st & Buffalo Ave	21332	\$ 2,738.75	S-8
12/14/2021	2021-178	10/7/2021	18	Arcadis	WWTP project 3	Construction Administration	34259164	\$ 3,999.75	WWTP-3
12/14/2021	2021-179	9/10/2021	3	GHD	Sludge Study & Conveyor Design	Evaluation	337-0000557	\$ 14,502.57	WWTP-17
12/14/2021	2021-180	10/4/2021	27	GHD	Gorge Pump Station Rehab	Reporting & Construction Administration	337-0000841	\$ 8,095.95	WWTP-2
12/14/2021	2021-181	11/16/2021	28	GHD	Gorge Pump Station Rehab	Reporting & Construction Administration	337-0001198	\$ 4,538.63	WWTP-2
12/17/2021	2021-182	11/4/2021	5	Hohl Industrial	Gen/Mech-Screenings & Grit transport	Construction	179421-05	\$ 311,935.35	WWTP-3
12/17/2021	2021-183	11/9/2021	N/A	Niagara Coating Services, Inc.	Hydrogen Peroxide Transfer	Exterior Loading Pad	16279	\$ 14,675.00	WWTP-6
12/17/2021	2021-184	11/16/2021	N/A	Tremco	Roof Repairs	WTP Roof repairs	96445383	\$ 8,750.00	WTP-6
12/17/2021	2021-185	11/19/2021	13	CIR Electric	Gorge Pump Station Rehab	Gorge Pump Station Rehab-Electrical	43576	\$ 4,118.25	WWTP-2
12/17/2021	2021-186	12/3/2021	14	CIR Electric	Gorge Pump Station Rehab	Gorge Pump Station Rehab-Electrical	43744	\$ 4,208.00	WWTP-2
12/17/2021	2021-187	11/23/2021	N/A	Rexel	IT Implementation	Ethernet/ip Communication module and Redundency Module	S132145509.001 S132145509.002	\$ 9,288.62	C-1
12/29/2021	2021-188	12/14/2021	1	Lakes Pipe & Supply Corp	Interior Piping Improvements	PVC pipe fittings & Valves	639966	\$ 1,421.15	WWTP-9
12/29/2021	2021-189	12/10/2021	1	TI Sales	Meter replacement & Upgrade	Meters	0136998, 0137313, 0137283, 013650, 0138421	\$ 170,057.92	C-2
12/29/2021	2021-190	11/4/2021	5	Hohl Industrial	Basin Modifications	Basin Construction	179324-05	\$ 217,747.83	WWTP-1
12/29/2021	2021-191	9/9/2021	4	Hohl Industrial	Gen/Mech-Screenings & Grit transport	Construction	179421-04	\$ 155,239.50	WWTP-3
12/29/2021	2021-192	11/23/2021	18	AECOM	Consent Order Services	CO Services Exclusive of 11&14	2000564269	\$ 26,123.80	WWTP-4D
12/29/2021	2021-193	11/23/2021	6	CIR Electric	Basin Modifications-Phase 4A	Electrical work	43754	\$ 56,566.33	WWTP-1
12/29/2021	2021-194	12/7/2021	3	CPL	Sediment Basins & Scum Removal	Professional Services & Consultants	78188	\$ 41,785.33	WWTP-1
12/29/2021	2021-195	5/23/2116	1	CPL	Whitney Ave Project	Design & Bid development for Whitney Ave main	79037	\$ 8,965.50	W-27
12/29/2021	2021-196	11/15/2021	N/A	CPL	Combined Projects-Misceleneous	Professional Services-Capital Work Management	79039	\$ 18,041.37	C-5
								\$ 1,478,214.86	

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	108,889.27
	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		(2,432,991.82)	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	165,912.19	(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)	9,583.25	251.00	13,131.50	14,729.50
	X0643	Operating	872,159.27		(3,225,122.66)	3,358,965.19	133,842.53	1,006,001.80	1,079,667.25
	X4445	Grants	56,308.39	569,243.43	(625,550.82)		(56,307.39)	1.00	
		Totals	9,439,475.96	3,272,418.81	(4,373,019.31)		(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	36,396.71
	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)	17,924.00	1,493.00	14,624.50	12,729.50
	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)	399,647.37	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)	688,327.51	1,869,991.94	3,453,093.14
	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	(2,211,335.94)	(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	4,331,496.02
	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)		(598,754.30)	1.00	
		Totals	9,763,470.81	2,385,381.23	(3,016,973.61)	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	
	X4906	Payroll	106,462.99		(653,449.28)	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	3,228,792.08
	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	387,756.93
	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	8,857,020.74	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	3,528,792.08
	X4899	Depository	3,219,123.34	4,296,321.65	(6,587.01)	(2,409,590.37)	1,880,144.27	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	108,226.34
	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	(2,449,176.69)	-	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	3,528,792.08
	X4899	Depository	5,099,267.61	1,609,520.90	(4,640.41)	(2,039,127.20)	(434,246.71)	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)	531,183.20	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	861,892.76
	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	9,960,806.25

MONTH	ACCT #	Account Name	STARTING VALUE	DEPOSITS	WITHDRAWALS	TRANSFERS	NET CHANGE IN VALUE	MONTH ENDING VALUE	PY MONTH ENDING VALUE
OCTOBER	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	3,528,792.08
	X4899	Depository	4,665,020.90	3,410,269.21	(3,272.70)	(1,384,661.26)	2,022,335.25	6,887,356.15	3,990,903.10
	X9220	Depository-Keybank	1,139,424.09	173,776.88	-	(1,130,000.00)	(956,223.12)	183,200.97	425,350.17
	X4906	Payroll	117,205.41	-	(528,050.17)	522,871.08	(5,179.09)	112,026.32	104,235.06
	X4914	Benefits	11,381.75	-	(6,323.00)	5,966.00	(357.00)	11,024.75	14,126.50
	X0643	Operating	1,229,465.82	-	(2,350,034.31)	1,985,824.18	(364,210.13)	865,255.69	1,785,680.31
	X4445	Grants	1,648,487.92	-	-	-	-	1,648,487.92	1.00
		Totals	13,931,402.79	3,584,046.09	(2,887,680.18)	(0.00)	696,365.91	14,627,768.70	9,940,713.04

MONTH	ACCT #	Account Name	STARTING VALUE	DEPOSITS	WITHDRAWALS	TRANSFERS	NET CHANGE IN VALUE	MONTH ENDING VALUE	PY MONTH ENDING VALUE
NOVEMBER	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	3,528,792.08
	X4899	Depository	6,887,356.15	4,824,944.36	(14,849.14)	(3,930,564.45)	879,530.77	7,566,886.92	3,749,354.57
	X9220	Depository-Keybank	183,200.97	248,134.17	-	-	248,134.17	431,335.14	692,385.78
	X4906	Payroll	112,026.32	-	(546,311.03)	545,490.71	(820.32)	111,206.00	107,345.78
	X4914	Benefits	11,024.75	176.00	(6,584.00)	6,712.00	304.00	11,328.75	11,741.50
	X0643	Operating	865,255.69	-	(3,298,359.99)	3,378,361.74	80,001.75	945,257.44	1,380,272.47
	X4445	Grants	1,648,487.92	298,882.78	(1,648,452.92)	-	(1,349,570.14)	298,917.78	1,006,308.39
		Totals	14,627,768.70	5,372,137.31	(5,514,557.08)	-	(142,419.77)	14,485,348.93	10,567,825.39

MONTH	ACCT #	Account Name	STARTING VALUE	DEPOSITS	WITHDRAWALS	TRANSFERS	NET CHANGE IN VALUE	MONTH ENDING VALUE	PY MONTH ENDING VALUE
DECEMBER	X4873	Board Expense Account	91,624.82	-	-	-	-	91,624.82	91,624.82
	X4881	O&M Reserve	5,028,792.08	-	-	169,657.42	169,657.42	5,198,449.50	5,028,792.08
	X4899	Depository	7,566,886.92	1,076,975.74	(2,473.57)	(2,324,854.74)	(1,250,852.57)	6,316,534.35	2,961,557.56
	X9220	Depository-Keybank	431,335.14	62,790.16	-	-	62,790.16	494,125.30	112,729.45
	X4906	Payroll	111,206.00	-	(859,954.37)	864,401.83	4,447.46	115,653.46	185,507.24
	X4914	Benefits	11,328.75	-	(7,695.00)	10,855.00	3,160.00	14,488.75	10,257.50
	X0643	Operating	945,257.44	-	(1,357,796.12)	1,279,940.49	(77,855.63)	867,401.81	1,079,739.42
	X4445	Grants	298,917.78	-	-	-	-	298,917.78	56,308.39
		Totals	14,485,348.93	1,139,765.90	(2,227,919.06)	(0.00)	(1,088,153.16)	13,397,195.77	9,526,516.46

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
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
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
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
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
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

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
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	(532,567.28)	-	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
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
SEPTEMBER	X3250	Debt Service	5,009,632.74	665,805.68	(1,000.00)	-	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
OCTOBER	X3250	Debt Service	5,677,447.80	662,805.68	-	-	7,019.75	669,825.43	6,347,273.23
	X3251	Construction	866.47	-	-	-	0.01	0.01	866.48
	X3252	Debt Service Reserve	6,762,920.36	-	-	-	23,499.77	23,499.77	6,786,420.13
	X9279	Expense Account	16,079.32	-	-	-	-	-	16,079.32
	X2722	Capital Fund Construction	2,547,980.79	-	(715,212.93)	-	16.83	(715,196.10)	1,832,784.69
		Totals	15,005,294.74	662,805.68	(715,212.93)	-	30,536.36	(21,870.89)	14,983,423.85
NOVEMBER	X3250	Debt Service	6,347,273.23	662,805.68	(269,353.87)	-	8,579.77	402,031.58	6,749,304.81
	X3251	Construction	866.48	-	-	-	0.01	0.01	866.49
	X3252	Debt Service Reserve	6,786,420.13	-	-	-	22,801.42	22,801.42	6,809,221.55
	X9279	Expense Account	16,079.32	-	-	-	-	-	16,079.32
	X2722	Capital Fund Construction	1,832,784.69	1,648,437.92	(365,718.96)	-	21.20	1,282,740.16	3,115,524.85
		Totals	14,983,423.85	2,311,243.60	(635,072.83)	-	31,402.40	1,707,573.17	16,690,997.02
DECEMBER	X3250	Debt Service	6,749,304.81	662,494.43	(164,713.88)	-	10,728.79	508,509.34	7,257,814.15
	X3251	Construction	866.49	-	-	-	0.01	0.01	866.50
	X3252	Debt Service Reserve	6,809,221.55	-	-	-	23,602.92	23,602.92	6,832,824.47
	X9279	Expense Account	16,079.32	-	-	-	-	-	16,079.32
	X2722	Capital Fund Construction	3,115,524.85	-	(1,478,214.86)	-	24.08	(1,478,190.78)	1,637,334.07
		Totals	16,690,997.02	662,494.43	(1,642,928.74)	-	34,355.80	(946,078.51)	15,744,918.51

BANK ON BUFFALO- 2643

Treasury Reconciliation FY 2021

<u>MONTH</u>	<u>STARTING VALUE</u>	<u>DEPOSITS/WITHDRAWALS</u>	<u>TRANSFERS</u>	<u>NET CHANGE IN VALUE</u>	<u>MONTH ENDING VALUE</u>	<u>PY MONTH ENDING VALUE</u>
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	15,449,981.80	(2,523.62)	-	(2,488.20)	15,444,969.98	17,553,053.73
NOV	15,444,969.98	(2,374.60)	-	7,286.95	15,449,882.33	17,529,131.93
DEC	15,449,882.33	(2,294.85)	-	(595.17)	15,446,992.31	17,503,800.30

FY TOTAL



Monthly O&M Report **For the Month of December 2021**

1. Treatment & Plant Maintenance

1.1. Water – Robert Rowe, updated 01/14/2022.

OPERATIONS AND MAINTENANCE

Total water production for the month of December was 606 million gallons. The average daily water production was 19.5 million gallons. The plant data summary table is included below for your reference.

2021 TOTALS AND AVERAGES

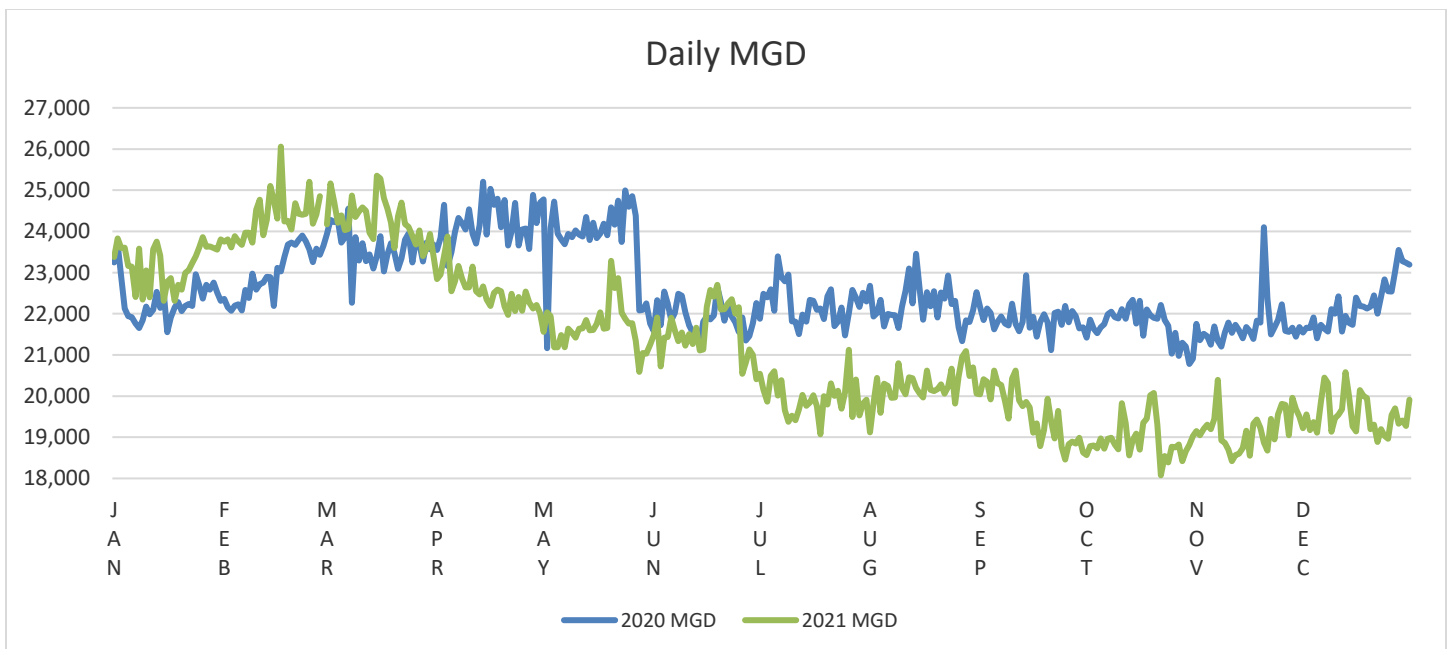
	R/W	PRE CL2	PACL	H2SiF6	PO4	POST CL2	F/W 1000 GAL/ DAY
	PUMPAGE	LBS	LBS	LBS	LBS	LBS	
JAN	719125	6987	157000	18691	1968	3939	23198
FEB	681002	6389	150200	18097	1847	3998	24322
MAR	752361	7210	177400	19096	1994	4684	24270
APR	677021	6706	129000	15693	1746	4322	22567
MAY	672042	7449	120700	15869	1819	4293	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	586999	8063	109800	12925	1700	3349	18935
NOV	575,545	6763	112700	13599	1692	3294	19185
DEC	605715	6680	136400	14584	1665	3620	19539
TOTAL	7751067	91187	1489700	181686	21298	46966	255063



FOR COMPARISON: 2020 TOTALS AND AVERAGES

		PRE				POST	F/W
	F/W	CL2	PACL	H2SiF6	PO4	CL2	1000
	PUMPAGE	LBS	LBS	LBS	LBS	LBS	GAL/ DAY
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	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	0.8	8.1	0.54	1.21	0.028	7.6	0.69
NOV	2.6	8.0	0.58	1.22	0.028	7.5	0.70
DEC	13.4	8.1	0.59	1.24	0.033	7.6	0.70
AVG	4.2	8.1	0.56	1.23	0.025	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.

**This is in final stages of approval as of 01/14/2022.

We have been busy with repairs to High Lift Pump #1, which is now functioning as it should, as well as our regularly scheduled plant preventative maintenance.

Data is currently being compiled for the upcoming Annual Drinking Water Quality Report and Annual Water Withdraw Reports. I will be pooling data with the lab and requesting some information from other related departments for 2021 totals and accomplishments.



1.2. Wastewater – Dennis Kirkland, Acting Chief Operator- updated 1/11/2022.

Sampling notes: None

OPERATIONAL and MAINTENANCE- Highlights

Project #1 (Sedimentation Basins and Screening) Work continues on chain and flights in basin #5. Platforms for new doghouse and detour around the drive motors are completed. Work also being done on the new weirs of basin #5.

Project #2 (GPS Rehab) The new panel have been installed. Danforth's work is continuing on the HVAC system.

Project #3 (Poly, Grit Conveyor and BFP Controls) Mollenburg & Betz piping work ongoing. New drain piping plans are waiting for approval. HMI units were installed at the top level of each individual BFP.

Project #5 (Electrical) No new updates to report.

Project #7 (HVAC) Project in the early stages of construction.

Project #9 & #11 (Inside/Outside piping) Good progress being made with plant water piping in Project #9. Increased priority for hypochlorite piping to primary effluent for Project #11. Trenches were backfilled due to delay on materials, also project 11.

Project #10 Kaman (Overall controls) Kaman is still waiting on components for the controls that will be added to the BFP process

In conclusion, the WWTP conditions are very good and that's due to the great work done by each department and the willingness from everyone to go above and beyond.



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	25.66	44.13	12.74	1.9	2.2	1281.0	394.0	1753.0	3854.0	25100	82.4	0	744630	15.8
November	24.03	35.73	12.71	2.0	1.0	1624.0	470.0	1899.0	3573.0	23360	77.6	0	431430	11.0
December	25.02	35.86	13.47	1.7	0.5	1418.0	409.0	1351.0	3470.0	23660	42.9	0	288885	14.4
Totals	24.24	41.93	12.28	1.8	14.7	21664.0	6247.0	30563.0	42803.0	278080	920.5	6950	6766315	305.9

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	32.12	41.31	13.50	2.2	2.8	2421.0	643.0	3664.0	4398.0	27380	121.8	0	367350	88.5	
February	28.21	40.68	13.30	2.2	2.2	2407.0	645.0	3502.0	4453.0	25990	110.3	0	382270	63.6	
March	30.34	44.14	14.18	2.2	2.3	2241.0	603.0	3007.0	4577.0	28140	83.2	0	576380	28.3	
April	28.86	42.86	13.41	2.1	2.6	1869.0	520.0	2985.0	4566.0	28647	90.6	0	415530	23.5	
May	25.97	39.11	12.77	2.0	2.3	1520.0	408.0	2758.0	4382.0	26220	75.1	0	445580	15.5	
June	21.28	38.59	14.24	1.9	2.3	1967.0	524.0	3305.0	4115.0	24120	108.4	0	478980	74.6	
July	20.64	36.86	13.87	2.1	1.7	1673.0	457.0	3371.0	3725.0	21800	88.1	0	588800	26.4	
August	19.48	33.53	11.81	2.2	1.5	1753.0	473.0	3920.0	3846.0	23000	113.2	0	692042	6.2	
September	18.93	33.15	11.48	2.2	0.9	1426.7	430.0	2768.0	3806.4	21020	122.4	0	508210	16.1	
October	20.37	31.72	10.91	2.1	2.4	1712.0	514.0	3314.0	4102.0	23980	107.9	0	671750	5.7	
November	19.39	30.74	8.64	2.0	1.0	2208.0	693.0	3663.0	3477.0	20710	116.7	0	600580	9.6	
December	24.68	39.05	12.20	2.2	2.0	2555.0	711.0	3207.0	4826.0	26665	58.5	0	370865	25.9	
Totals	24.19	37.65	12.53	2.1	24.0	23752.7	6621.0	39464.0	50273.4	297672	1196.2	0	6098337	383.9	



2.1. Sewer Collection & Water Distribution Michael Eagler, updated 1/14/2022

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	2	11	4	6	11	1	5	50	116	0	0	50	17
November	6	10	13	1	3	3	2	45	109	0	0	85	28
December	2	8	7	3	0	6	4	12	110	0	0	498	11
Totals	74	119	102	34	44	74	36	222	1981	0	0	1481	166

3. Analytical Services

3.1 Water Laboratory – Jordan Boyd, updated 1/13/2022

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

- December samples have been collected & analyzed in-house for TOC, DOC & UV254 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. Those results were satisfactory and were within reporting limits).

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: 14,363.
- No water main breaks or community complaints were sampled in December 2021.



3. Laboratory Concerns

- The Laboratory analyzed 9 samples for Total Organic Carbon and 9 required Wet Chemistry analysis for City of Lockport and Town of Tonawanda, as well as 3 Wet Chemistry samples from the Village of Lewiston, and 1 Total Suspended Solids sample from Niagara County Water District.
- The Microbiology lab analyzed 21 samples from the Aquarium of Niagara's indoor and outdoor pools, 3 samples from the Village of Lewiston, and 5 samples from Niacet Corporation. All results were reported to the representative contacts.
- Revenue created in 2021 is \$32,371.00.

3.2 Wastewater Laboratory - Brian Eldridge 1/19/2022

1. The data for December's State Pollutant Discharge Elimination System (SPDES) report is currently being compiled with no anticipated violations.
2. DOH ELAP PT samples will be analyzed in January to meet ELAP certification requirements.



4. Customers & Compliance

4.1. Meter Shop – Bob Reid Updated 1/13/22

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	120	4	4	0	0	7192
NOVEMBER	134	3	6	0	0	5247
DECEMBER	107	2	7	0	565	5454
TOTAL	1196	28	82	0	1695	64359

METER READINGS:

DISTRICT 1	B.REID	M.MACRI	V.Virtuoso	J.PAUL	F.DERUBEIS	TOTAL
12/3/21	815			634		1449
12/6/21	1722			1686		3408
12/7/21	304			241		545
12/8/21				52		52
TOTAL	2841			2613		5454
INDUSTRIALS						
12/2/21	258			307		565
TOTAL	3099			2920		6019

Shop read 5454 residential meters for the month. Also read 565 Industrial Meters.



4.2. Industrial Monitoring / Enforcement – Joel Paradise updated 1/11/2022

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

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

SIU Updates:

1. All SIU (Significant Industrial User) whose discharge permits nearing expiration in the next several months have been sent their renewal applications for our review and eventual reissuance of their NFWB wastewater discharge permit. This is an ongoing and continuing process.
The Cross Connection Inspectors work of conducting his inspections as a function of building sales, monitoring the annual tests results of all back flow prevention devices, along with updating our database and filing/archiving the hard copies has been progressing on schedule.
2. SIU discharge permits are being continually updated using the most recent data generated by Steve Stewart to verify / adjust discharge limits.
3. The RFP for the Local Limits re-evaluation 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 26th, 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. Subsequent calls the between the NFWB and the EPA determined that the items in question can be resolved when the 2021 Annual Report is submitted in early 2022.
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 1/10/2022 (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 shut down 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 3rd Qt sewer bill.
11. The quarterly mercury sampling in the collection system was completed as required on Wednesday 10/6/2021.
12. The quarterly BHC collection system was completed on November 2nd, 2021 but those samples will have to be recollected because of interference observed while doing the analysis.
13. The SIU 4th quarter Quarterly Reports due no later than November 30th, 2021 have started to arrive.
14. Began the process of combining the SIU discharge permits issued to Cascades and Greenpac as recommended by the USEPA.
15. Discussed scope and set schedule for the "Industrial survey" being conducted at 10 SIUs by John Goeddertz.
16. All of the 4th Quarter quarterly SIU Self-monitoring Reports have been received and are being logged and compliance to their respective NFWB discharge permits is being verified.
17. The 4th quarter quarterly BHC sampling in the sewer collection system has been scheduled for Monday 12/6/2021.
18. Negotiations to get Cascades back into compliance with their discharge permit are ongoing. There are many moving parts to this situation and meetings with Cascades, the DEC and the NFWB continue as the NFWB and the DEC closely monitors Cascades progress in getting their ETP back working as designed. Progress is being made, albeit slowly. We are in the process of writing an Order on Consent and assessing violations and associated fines.
19. On Monday, December 6th, 2021- the quarterly BHC sampling was successfully conducted without incident.



5. Support Services

5.1. Safety – AFI Environmental (Pat Ackerman) 1/18/2022

- Performed accident investigation for two reported on-the-job injuries (WWTP)
- Created Electrical Safety / Holiday Safety (general topic) training PowerPoint and conducted training
- Started gathering information for yearend annual reports
- Inventoried WWTP First Aid kits stock for supply order
- Performed routine walkthroughs at WWTP & WTP

6. Technical Services – Doug Williamson, updated 1/13/2022

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

We again had to resend a revised executed contract agreement between the NYS DHSES and the NFWB on December 1st in order to receive reimbursement for costs incurred during the Phase II WWTP Protective Measures contract 68. The HMGP 4204-0003 Niagara Falls Water Board- FY2021 Q4 Report was submitted on October 13th along with a reimbursement request.

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

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. In December, we received 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 2022. In December, we also received the NYSDEC WQIP grant of \$800,000 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 December, we continued to support CPL and the design consultants on the WWTP Phase I and II projects. Monthly construction progress meetings were held for ongoing projects.

Project 1 Sedimentation Basins and Scum Collection System Modification – A progress meeting was not held in December. Construction at sedimentation basin no.5 is ongoing.

Project 2 GPS Rehabilitation - A progress meeting was not held in December. Construction is ongoing.

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

Project 5 Electrical System Improvements – substation grounding and stoning and 480 V breaker retrofit projects are moving forward.



6. Continued

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 – progress meeting was held on December 8th. Construction is ongoing.

Project 11 Exterior Piping Improvements – progress meeting was held on December 15th. Construction is ongoing.

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

Items:

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

The WWTP chlorine dioxide study pilot operations and testing was completed in September, the data was compiled in October and the draft report was received and reviewed in December. The final Evaluation of Adding Chlorine Dioxide to the Influent and Backwash Water of Carbon Filters at the NFWB WWTP report was submitted to the NYSDEC on December 20th.

The NYSDEC annual WWTP inspection meeting was held on December 21st.

The quarterly POTW advertisement was published in the Gazette on December 10th. The WWTP NetDMR was approved on December 28th.

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

In December, we continued addressing corrective actions due to the Notice of Violation from the NYSDEC for the WWTP Chemical Bulk Storage (CBS). The Sulfuric Acid tank #213 has been drained. The Hydrogen Peroxide tank #211-A transfer station pad has been recoated.

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

In December, there was no progress with GHD on the design report.

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

The 2022 sanitary sewer service charges and flow monitoring data were provided to the Town of Niagara on November 24th. We are looking into renegotiating the Agreement in early 2024.

8. **Stormwater Management**

The WNYSC did not meet in December.



6. Continued

9. Engineering Support

In December, the engineering department continued to provide engineering and GIS support to NFWB departments, engineering consultants and developers as needed. Utility work agreements submitted for NYSDOT road project along with certified resolutions on December 7th. Updated the Niagara Falls PWA 2021A refunding bond report on December 29th.

10. Capital Improvement Projects:

In December, the **5 Year Capital Improvement Plan** project statuses and progress continued to be tracked. Meetings were held with NFWB staff, AECOM and CPL on December 20th (**WTP projects**), December 23rd (**Water projects**), December 30th (**Sewer and Water projects**) and January 4th (**WWTP projects**). CIP follow-up meeting held on January 6th and CIP finalization meeting scheduled for January 13th, 2022. Updated CIP plan for all projects, the 2021 WIIA Water and Sewer grant application projects, the EPG and WQIP sewer grants received and the potential funding sources.

Water Projects

In December, CPL continued design work and has been trying to obtain record drawings from City Engineering for the **Whitney Avenue and 77th Street** watermain replacement projects. CPL was authorized to begin design work on the **18th Street watermain** - Ontario Avenue to Whitney Avenue on October 25th.

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**.

The **WIIA Water Grant application** and engineering report were submitted on November 19, 2021. We are currently waiting on a potential water grant award.

Sewer Projects

The **WIIA Sewer Grant application** and engineering report were submitted on November 19, 2021. We are currently waiting on a potential sewer grant award.

WTP Projects

Bid documents for the **Water Treatment Plant HVAC, Plumbing and Electrical Relocations** was advertised on December 7th. The pre-bid meeting was held on December 28th and the bid opening is scheduled for January 14th at 2 pm.

WWTP Projects

The **WWTP Intermediate Pumps Assessment RFP** was advertised on December 1st. The mandatory pre-proposal meeting and site walk-thru was held on December 14th and addendum no. 1 was issued on December 16th. Proposals will be due on January 19th, 2022 by 1 pm.



6. Continued

In December, an RFP was developed for the **WWTP Biological Conversion projects**. A conference call was held with EFC on December 16th regarding potential grant funding for the projects.

On December 10th and 16th, we investigated the **WWTP old lime feed system, chemical building equipment and carbon furnace demolition** and removal with the iron workers union. We may pursue starting the demolition work with NFWB staff.

2021 OXIDIZER BUDGET

BUDGET = \$2,050,000.00 for year

COST = \$3,341,237.44 to date

% USED = 162.99% to date

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

COST = \$9,154.08 per day avg. \$278,436.45 per month avg.

23.4 Flow (MGD) 365 total days



WWTP DATA		OXIDIZER USAGE				SLUDGE REMOVAL			
MONTH	FLOW (MG)	H2O2 (GAL)	NaOCl (GAL)	GAL PER MG FLOW	TOTAL ESTIMATED COST	LANDFILL SLUDGE (TONS)	SOLIDS THROUGH PUT (%)	FERRIC CHLORIDE (TONS)	LIME (TONS)
Jan-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	795.4	0	739,280	993	\$441,350.16	366.3	119.1	47.0	80.4
Nov-2021	720.6	0	437,110	895	\$260,954.67	429.8	162.8	43.7	67.2
Dec-2021	775.6	0	288,885	383	\$172,464.35	408.8	180.0	44.4	42.9
TOTALS	8,557.5	6,020	6,866,485	868	\$3,341,237.44	5,788.5	106.1	508.3	836.0

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



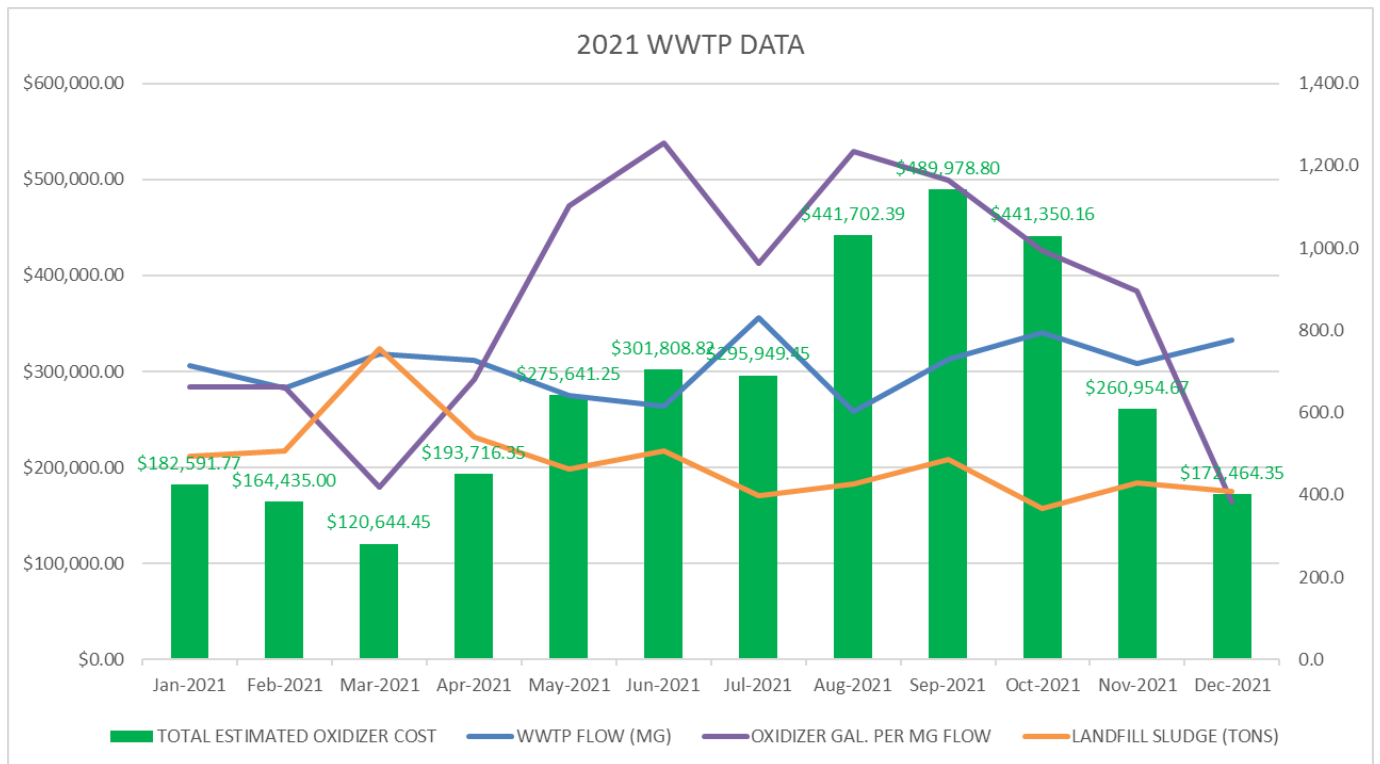
WWTP DATA		OXIDIZER USAGE				SLUDGE REMOVAL			
MONTH	FLOW (MG)	H2O2 (GAL)	NaOCl (GAL)	GAL PER MG FLOW	TOTAL ESTIMATED COST	LANDFILL SLUDGE (TONS)	SOLIDS THROUGH PUT (%)	FERRIC CHLORIDE (TONS)	LIME (TONS)
Jan-2020	996.3	0	362,710	387	\$164,307.63	608.7	99.5	51.4	106.1
Feb-2020	790.4	0	351,310	447	\$159,143.43	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



6. Continued





7. SECURITY REPORT— Joe Argona 01\13\2021

No WWTP security incidents were reported in December; the guards continue to screen contractors and visitors regarding COVID-19 and to restrict plant access.

8. INFORMATION TECHNOLOGY (I.T.) 1/1/2022

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 – Joe - All systems up. Started final phase of redesign with A2k to complete the network upgrades.

Network WWTP – Carl - All systems up.

Network Gorge – Carl - All systems up.

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

GPS – Carl – No issues to report.

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



MINUTES

Meeting of the Niagara Falls Water Board

December 13, 2021 at 5:00 p.m.

5815 Buffalo Avenue

Niagara Falls, NY 14304

Meeting was held via conference call pursuant to Chapter 417 of the Laws of 2021.

1. Preliminary Matters

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

a. Attendance:

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

Forster (Chairman) *Present*

Kimble (Board Member) *Present*

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

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

b. Comments from Chairman Forster

Chairman Forster states that this will be Bill Wright's last Board meeting. Bill began his career at the NFWB as a seasonal laborer in June 1989. Bill Wright assisted in many departments throughout his career. He worked as a foreman from 2017-2018 prior to being promoted to Superintendent in February 2018-present. The Chairman thanks Bill for his efforts and dedication between the City of Niagara Falls and the NFWB. Chairman Forster shares that the staff has a gift for Bill Wright, thanking him for his 30+ years of employment. Bill Wright will begin his part-time employment with the NFWB beginning in February 2022.

c. Letters and Communications

None.

- d. Public Comments (Public speakers must advise the Secretary of their intention to speak on the conference call line prior to roll call or they may be muted. Alternatively, written comments may be submitted in writing to be read by the Secretary and must be received by 4:00 p.m. on December 13, 2021. Comments may be summarized when read. Email comments to scostello@NFWB.org or mail c/o Sean W. Costello, 5815 Buffalo Ave., Niagara Falls, NY 14304)

None.

e. Approval of November 22, 2021 Meeting Minutes

Motion by Board Member Leffler and seconded by Board Member Larkin to approve the November 22, 2021 Meeting Minutes.

Asklar __Y__ Forster __Y__ Kimble __Y__ Larkin __Y__ Leffler __Y__

Motion carries, 5-0

2. Executive Director – Dr. Abderrahman Zehraoui

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

3. Superintendent – William Wright

- a. Drip Program

Mr. Wright advised the Board that 54 addresses that no longer are deemed likely to have freezing issues have been removed from the Drip Program, letters regarding participation will be mailed to 179 addresses before the end of the year.

4. Engineering – Douglas Williamson

- a. Draft CIP Plan With Projects Updated

5. Personnel Items – John Accardo

- a. December 13, 2021 Personnel Actions Sheet

Mr. Accardo noted that notice had just been received that an Operating Engineer is resigning. Mr. Costello noted that the Board may wish to consider hiring of a replacement (though this new vacancy is not on the PA sheet).

Motion by Board Member Larkin and seconded by Board Member Asklar to authorize the hiring of an Operating Engineer to replace the Operating Engineer who is resigning.

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 approve all items in Sections A and B of the December 13, 2021 Personnel Actions Sheet.

Asklar __Y__ Forster __Y__ Kimble __N__ Larkin __Y__ Leffler __Y__

Motion carries, 4-1

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

7. Finance – Brian Majchrowicz

- a. Transfer to Taxes
- b. Revenue Budget Performance Report through November 30
- c. Sewer Fund Expense Budget Performance Report through November 30
- d. Water Fund Expense Budget Performance Report through November 30
- e. Board Fund Expense Budget Performance Report through November 30
- f. Capital Payments – November 2021
- g. November 2021 Budget Amendment Report

8. Questions Regarding November 2021 Operations and Maintenance Report

9. Safety – John Accardo

10. General Counsel and Secretary – Sean Costello

11. Resolutions

2021-12-001 – 2022 WATER BOARD MEETING SCHEDULE

a. 2022 Meeting Schedule

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

2021-12-002 – 2021 ANNUAL REVIEW OF MISSION STATEMENT, ADOPTION OF AND REPORT ON PERFORMANCE MEASUREMENTS, AND REPORT ON OPERATIONS AND ACCOMPLISHMENTS

a. 2021 Annual Review of Mission Statement, Performance Measurement Report, and Report on Operations and Accomplishments

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

2021-12-003 – ANNUAL REVIEW OF PROCUREMENT AND INVESTMENT POLICIES AND ADOPTION OF REVISIONS

- a. Procurement Policy, Revision Date December 13, 2021**
- b. Investment Guidelines, Revision Date December 13, 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

2021-12-004 – 2022 CLARK PATTERSON LEE PROFESSIONAL SERVICES EXTENSION

a. CPL November 23, 2021 Proposal

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

Asklar __Y__ Forster __Y__ Kimble __Y__ Larkin __Y__ Leffler __Y__

Motion carries, 5-0

WALK-ON RESOLUTIONS

Motion by Board Member Kimble and seconded by Board Member Asklar to waive the agenda deadline policy in order to consider Resolutions 2021-12-005 and 2021-12-006.

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

2021-12-005 – AUTHORIZING AMENDMENT TO CONTRACT WITH NIAGARA COUNTY BUILDING & CONSTRUCTION TRADE UNIONS, AFL-CIO

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

2021-12-006 – BUDGET AMENDMENT FOR CARBON CHANGES

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

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.
- 10/25/21 – CPL Proposal accepted by Resolution 2021-10-005.

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.
- 10/18/21 – Per D. Jaros, Tremco is stretch testing the WTP roof membrane to further evaluate its condition.

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.
- 11/17/21 – Having trouble getting contractor to begin performance.

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.
- 10/18/21 – J. Argona and M. Eagler will see what additional work can be done to improve the Cayuga lift station.

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.
- 10/18/21 – DOH requested additional information; CPL produced and submitted requested engineering report.
- 11/17/21 – DOH has issued comments, response to be provided by 11/26/2021.

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.
- 11/22/21 - Plant shutdown/switch maintenance completed without incident. Resolution for radiator repair is in agenda packet.

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.
- 11/18/21 – Lift is in use replacing lights at 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.
- 10/18/21 – Project is out to bid.
- 11/22/21 – Resolution for award is in Board packet (Approved).

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.
- 10/18/21 – Per Dr. Zehraoui, project is at 90% and should be complete October 20.

- 12/1/21 – Waiting on staff availability to complete work.

m. Bulk Chemical Storage Liners

- PACL liners complete – contractor has concerns about Fluoride toxicity. Maintenance department to follow up.
- 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.
- 10/14/21 – Still waiting for border reopening.
- 11/18/22 – Still waiting on 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.
- 11/22/21 – Vanities installed in admin. bathrooms, waiting for mirrors/finish work.

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.
- 10/18/21 – Dr. Zehraoui advises we will start hauling to landfill next week.
- 11/22/21 – Cleanout work is underway.
- 12/1/21 – Cleanout work complete.

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

- Polymer and Carbon capabilities could be reinstated to improve plant capability.
- Joe Argona to get budgetary quote for painting silo.

- 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.
 - 10/14/21 - Plan is to schedule work in house for spring.
- p. **Painting of Sedimentation plates and various areas throughout the interior and exterior of the plant. Filter walls are peeling.**
- 10/18/21 – Waiting on quote for coating.
 - 11/18/21 – Quote obtained. Waiting to schedule based on painter availability.
- q. **WTP Chemical Offload Area Coating Replacement.**
- Quotes obtained, NYS Industrial Coating price is \$29,750, Niagara Coatings \$29,250.
 - 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.
 - 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.
 - 10/14/21 – Work will be scheduled using in-house forces in Spring 2022.
 - 11/22/21 – To improve durability of work, quote obtained for sandblasting prior to work being completed in spring (\$3,000).
- r. **Repairs to WTP Rear Perimeter Fence.**
- Quotes obtained, Fox Fence with barbed wire option is \$21,611.29, Davidson \$23,480.
 - 9/14/2021 – Can omit barbed wire to get under \$20,000, but will need to identify funds for this.
 - 9/20/2021 – D. Williamson directed to look into possible Homeland Security grant to help fund project.
 - 10/18/21 – Will be included in WIHA grant application.
 - 12/1/21 – Included in 11/22 grant application
- s. **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.
 - 10/18/21 – Underway.
- t. **WWTP Camera Installation**
- 9/20/21 – 3 cameras are installed, planned final total will be approx. 11.
 - 10/14/21 – Project is ongoing.
 - 10/18/21 – Chairman Forster questioned whether Dr. Zehraoui will be able to review cameras from his office.

- 11/18/21 – 10 cameras have been installed to date.

u. Neptune Meter Project Report

- 9/20/2021 – Reports on status were in work session packet.
- 10/18/21 – Payback period study will be complete in a month; meeting scheduled for 10/19 to discuss plan for large meters; substantive update planned for November 2021.
- 11/22/2021 – Economic Analysis Report is in agenda packet.
- 12/6/2021 – Presentation at December 2021 work session.

v. Board Meeting Room Expansion Project

- 10/18/2021 – J. Argona reports in-house work is underway, project will require work by Ferguson and Mollenberg-Betz. Estimated completion is in 5-6 months.
- 11/22/21 – Quote for \$26,000 from Mollenberg to move piping; D. Williamson to develop bid specifications to attempt to secure more competitive pricing.
- 12/1/21 – D. Williamson to prepare bid for needed for HVAC, plumbing, and electrical work.

14. New Business & Additional Items for Discussion

- a. Discussion, if any, regarding TiSales/Neptune Advanced Metering Infrastructure (“AMI”) Presentation

15. Executive Session (if needed)

None.

16. Adjournment of Meeting

Chairman Forster thanked his fellow Board Members and the Board’s staff for all their efforts throughout 2021 and wished them all a happy and prosperous 2022. The Chairman thanked the Executive Staff for their efforts regarding the WWTP plant conversion. The conversion will have an international impact on discharge and significant impact to the rate payers.

The Chairman and his fellow Board Members showed appreciation to all employees of the NFWB for their continued efforts along with welcoming Michael Eagler to his new position as Chief of Outside Infrastructure and Cortez Bradberry to his new position as Foreman.

Motion by Board Member Larkin and seconded by Board Member Leffler to adjourn at 6:06 p.m.

Asklar __Y__ Forster __Y__ Kimble __Y__ Larkin __Y__ Leffler __Y__

Motion carries, 5-0

NIAGARA FALLS WATER BOARD RESOLUTION # 2022-01-001

LUCITY SOFTWARE SUPPORT AND MAINTENANCE RENEWAL

WHEREAS, the Niagara Falls Water Board utilizes Lucy enterprise asset management software to help manage and maintain its assets; and

WHEREAS, the Water Board's annual support agreement with Tritech Software Systems (the sole source and developer for the software) for the Lucy software expires on January 31, 2021; and

WHEREAS, the Water Board's IT staff recommend renewing the annual support agreement for Lucy in order to maintain its functionality; and

WHEREAS, the cost to renew the annual support agreement for the period of February 1, 2022 through January 31, 2023 is \$19,500.49;

NOW THEREFORE BE IT

RESOLVED, that the Niagara Falls Water Board hereby authorizes payment to Tritech Software Systems the sum of \$19,500.49 to renew the annual support agreement for the Lucy software system for the period of February 1, 2022 through January 21, 2023.

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

Water Board Budget Line or Capital Plan Item with Funds for this Resolution:
Software Maint./Licenses FA.8150.0000.0446.008
Budget Line Supplied by: J. Morock
Available Funds Confirmed by: B. Majchrowicz

On January 31, 2021, the question of the adoption of the foregoing Resolution was duly put to a vote on roll call, which resulted as follows:

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

Signed By:

Vote Witnessed By:

Nicholas J. Forster, Chairman

Sean W. Costello, Secretary to Board



Tritech Software Systems, a CentralSquare Company
 1000 Business Center Drive
 Lake Mary, FL 32746

Billing Inquiries: Accounts.Receivable@centralsquare.com

Invoice

Invoice No (1 of 1)	Date	Page
339165	12/3/2021	1 of 2

Bill To

Niagara Falls Water Board, NY
 Erika Schroeder
 5815 Buffalo Ave
 Niagara Falls NY 14304
 United States

Ship To

Niagara Falls Water Board, NY
 Erika Schroeder
 5815 Buffalo Ave
 Niagara Falls NY 14304
 United States

Customer No	Customer Name	Customer PO #	Currency	Terms	Due Date
17082	Niagara Falls Water Board, NY		USD	Net 30	1/31/2022

	Description	Units	Rate	Extended
Contract No. Q-69850				
1	Asset Management - Assets Annual Maintenance Fee - Annual Maintenance Fee AssetManagement Maintenance: Start:2/1/2022, End: 1/31/2023	1	\$7,318.34	\$7,318.34
2	Asset Management - GIS Desktop Annual Maintenance Fee - Annual Maintenance Fee GISDesktop Maintenance: Start:2/1/2022, End: 1/31/2023	1	\$463.88	\$463.88
3	Asset Management - GIS Web Annual Maintenance Fee - Annual Maintenance Fee GISWeb Maintenance: Start:2/1/2022, End: 1/31/2023	1	\$2,319.38	\$2,319.38
4	Asset Management - Mobile Annual Maintenance Fee - Annual Maintenance Fee MobileManagement Maintenance: Start:2/1/2022, End: 1/31/2023	1	\$1,131.42	\$1,131.42
5	Asset Management - Work Annual Maintenance Fee - Annual Maintenance Fee WorkManagement Maintenance: Start:2/1/2022, End: 1/31/2023	1	\$8,267.47	\$8,267.47



Tritech Software Systems, a CentralSquare Company
1000 Business Center Drive
Lake Mary, FL 32746

Billing Inquiries: Accounts.Receivable@centralsquare.com

Invoice

<i>Invoice No (1 of 1)</i>	<i>Date</i>	<i>Page</i>
339165	12/3/2021	2 of 2

Bill To

Niagara Falls Water Board, NY
Erika Schroeder
5815 Buffalo Ave
Niagara Falls NY 14304
United States

Ship To

Niagara Falls Water Board, NY
Erika Schroeder
5815 Buffalo Ave
Niagara Falls NY 14304
United States

<i>Customer No</i>	<i>Customer Name</i>	<i>Customer PO #</i>	<i>Currency</i>	<i>Terms</i>	<i>Due Date</i>
17082	Niagara Falls Water Board, NY		USD	Net 30	1/31/2022

**Please include invoice number(s) on your remittance advice,
made payable to Tritech Software Systems**

Subtotal \$19,500.49

Tax \$0.00

ACH:

Routing Number 121000358
Account Number 1416612641
E-mail payment details to: Accounts.Receivable@CentralSquare.com

Invoice Total \$19,500.49

Check:

12709 Collection Center Drive
Chicago, IL 60693

Payments Applied \$0.00

Balance Due **\$19,500.49**

NIAGARA FALLS WATER BOARD RESOLUTION # 2022-01-002

AWARD WATER TREATMENT PLANT ELECTRICAL RELOCATION BID

WHEREAS, the Niagara Falls Water Board (“Water Board”) is expanding the conference and meeting room at the Michael C. O’Laughlin Municipal Water Plant to facilitate larger and more productive meetings, training, and similar uses for that room; and

WHEREAS, the existing water treatment plant conference room has limited capacity and utility because the water plant was designed prior to the Water Board being an entity independent from the City, and therefore there is no space with adequate capacity for regular Board meetings open to the public or for presenting training to groups as large as the Water Board’s workforce; and

WHEREAS, the Water Board seeks to address this longstanding deficiency in its facilities by expanding and modernizing the conference and meeting room using in-house labor supplemented with contracted labor when necessary; and

WHEREAS, in order to complete the conference room expansion into previously underutilized spaces, it is necessary to relocate certain high-voltage electrical equipment; and

WHEREAS, CPL assisted the Water Board with preparing bid specifications for the labor and materials required to relocate this electrical equipment; and

WHEREAS, two bids were received, and CPL and Water Board staff recommend the award of the contract to CIR Electrical as the lowest responsible bidder for the total base bid of \$30,800;

* CONTINUED ON NEXT PAGE *

NOW THEREFORE BE IT

RESOLVED, that the \$30,800 bid from CIR Electrical for Water Treatment Plant Electrical Relocation is accepted, and on behalf of the Niagara Falls Water Board, its Executive Director hereby is authorized to enter into an agreement with CIR Electrical to perform that work.

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 2022 – 2026 CIP Item: WTP-6, WTP Building Improvements and Caulking
Capital Line Supplied by: D. Williamson
Funds Confirmed by: B. Majchrowicz

On January 31, 2021, the question of the adoption of the foregoing Resolution was duly put to a vote on roll call, which resulted as follows:

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

Signed By:

Vote Witnessed By:

Nicholas J. Forster, Chairman

Sean W. Costello, Secretary to Board

January 17, 2022

Sean Costello, Attorney
Michel C. O'Laughlin Water Treatment Plant
5825 Buffalo Ave
Niagara Falls NY 4304

RE: Niagara Falls Water Board – Project 20210004
Award Recommendation
WATER TREATMENT PLANT HVAC ELECTRICAL RELOCATION
CPL PROJECT NO. 14143.02

Dear Mr. Costello,

The bids for the Niagara Falls Water Board Water Treatment Plant Electrical Relocation were opened on Friday January 14, 2022. A copy of our bid tabulation is enclosed for your information and review.

Two bids were received.

Ferguson Electric, Inc.	\$44,700.00
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CIR Electric	\$30,800.00
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Clark Patterson Lee recommends awarding to CIR Electric as the lowest responsible bidder for the total base bid of \$30,800.00.

Very truly yours,

Clark Patterson Lee



Jay F. Meyers, P.E.

Enclosure

c:

File

NIAGARA FALLS WATER BOARD WTP ELECTRICAL RELOCATION
Bid Opening: FRIDAY JANUARY 14, 2022

Bid Item	Description	Quantity	Unit	FERGUSON ELECTRIC		CIR ELECTRIC	
				Unit Price	Base Bid	Unit Price	Base Bid
ITEM 1-ELECTRICAL							
1	ELECTRICAL	1	LS	\$ 34,700.00	\$ 34,700.00	\$ 20,800.00	\$ 20,800.00
ITEM CONTINGENCY							\$ -
2		1	LS	\$ 10,000.00	\$ 10,000.00	\$ 10,000.00	\$ 10,000.00
Total Base Bid					\$ 44,700.00		\$ 30,800.00

NIAGARA FALLS WATER BOARD RESOLUTION # 2022-01-003

**AWARD WATER TREATMENT PLANT HVAC AND PLUMBING RELOCATION,
AND WASTEWATER TREATMENT PLANT DUCTWORK REPLACEMENT, BID**

WHEREAS, the Niagara Falls Water Board (“Water Board”) is expanding the conference and meeting room at the Michael C. O’Laughlin Municipal Water Plant to facilitate larger and more productive meetings, training, and similar uses for that room; and

WHEREAS, the existing water treatment plant conference room has limited capacity and utility because the water plant was designed prior to the Water Board being an entity independent from the City, and therefore there is no space with adequate capacity for regular Board meetings open to the public or for presenting training to groups as large as the Water Board’s workforce; and

WHEREAS, the Water Board seeks to address this longstanding deficiency in its facilities by expanding and modernizing the conference and meeting room using in-house labor supplemented with contracted labor when necessary; and

WHEREAS, in order to complete the conference room expansion into previously underutilized spaces, it is necessary to relocate certain HVAC and plumbing facilities; and

WHEREAS, while bid specifications for the required work were being prepared an urgent need to replace a section of insulated ductwork running above high-voltage equipment in the WWTP electrical room to avoid water damage to critical equipment was identified, and the required scopes of work both call for work by a mechanical contractor, can be performed under the same mobilization, and were determined to be appropriate to include in a single bid specification in order to procure the best possible price for the required work; and

WHEREAS, CPL assisted the Water Board with preparing bid specifications for the labor and materials required to relocate the HVAC and plumbing facilities and to replace the WWTP electrical room ductwork; and

WHEREAS, two bids were received, and CPL and Water Board staff recommend the award of the contract to John W. Danforth company as the lowest responsible bidder for the total base bid of \$74,700;

* CONTINUED ON NEXT PAGE *

NOW THEREFORE BE IT

RESOLVED, that the \$74,700 bid from CIR Electrical for Water Treatment Plant HVAC and Plumbing Relocation, and Wastewater Treatment Plant Ductwork Replacement, is accepted, and on behalf of the Niagara Falls Water Board, its Executive Director hereby is authorized to enter into an agreement with John W. Danforth company to perform that work.

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 2022 – 2026 CIP Item: WTP-6, WTP Building Improvements and Caulking
Capital Line Supplied by: D. Williamson
Funds Confirmed by: B. Majchrowicz

On January 31, 2021, the question of the adoption of the foregoing Resolution was duly put to a vote on roll call, which resulted as follows:

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

Signed By:

Vote Witnessed By:

Nicholas J. Forster, Chairman

Sean W. Costello, Secretary to Board

January 17, 2022

Sean Costello, Attorney
Michel C. O'Laughlin Water Treatment Plant
5825 Buffalo Ave
Niagara Falls NY 4304

RE: Niagara Falls Water Board – Project 20210005
Award Recommendation
WATER TREATMENT PLANT HVAC PLUMBING RELOCATION
(and WWTP Duct Work Replacement)
CPL PROJECT NO. 14143.02

Dear Mr. Costello,

The bids for the Niagara Falls Water Board Water Treatment Plant HVAC & Plumbing Relocation (and WWTP Duct Work Replacement) were opened on Friday January 14, 2022. A copy of our bid tabulation is enclosed for your information and review.

Two bids were received:

DV Brown, Inc.	\$92,000.00
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JW Danforth	\$74,700.00
-------------	-------------

Clark Patterson Lee recommends awarding to John W. Danforth as the lowest responsible bidder for the total base bid of \$74,700.00.

Very truly yours,

Clark Patterson Lee



Jay F. Meyers, P.E.

Enclosure

c:

File

NIAGARA FALLS WATER BOARD WTP HVAC & PLUMBING RELOCATION
Bid Opening: FRIDAY JANUARY 14, 2022

Bid Item	Description	Quantity	Unit	DV BROWN		JW DANFORTH	
				Unit Price	Base Bid	Unit Price	Base Bid
ITEM 1-MECHANICAL							
1	HVAC	1	LS	\$ 5,600.00	\$ 5,600.00	\$ 11,500.00	\$ 11,500.00
2	PLUMBING AND PIPELINES	1	LS	\$ 33,000.00	\$ 33,000.00	\$ 14,000.00	\$ 14,000.00
3	WWTP DUCTWORK REPLACEMENT	1	LS	\$ 33,400.00	\$ 33,400.00	\$ 29,200.00	\$ 29,200.00
ITEM CONTINGENCY							\$ -
4		1	LS	\$ 20,000.00	\$ 20,000.00	\$ 20,000.00	\$ 20,000.00
Total Base Bid					\$ 92,000.00		\$ 74,700.00