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**Working Session of the
Niagara Falls Water Board
June 21, 2021 at 5:00 p.m.**

*****Meeting to be held via conference call pursuant to
Executive Order 202.1 as extended by 202.110 – visit NFWB.org for call-in details.*****

1. Attendance

Asklar (Board Member/Chairman of Finance) _____

Forster (Chairman) _____

Kimble (Board Member) _____

Larkin (Board Member/Vice Chairwoman/Governance Chairwoman) _____

Leffler (Board Member) _____

2. Comments from Chairman Forster

3. Presentations (none scheduled)

4. Executive Director – Dr. Abderrahman Zehraoui

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

5. Superintendent of Operations – William Wright

- a. Manhole-Based Leak Detection Program Update**
- b. Updated on Unmetered Water**

6. Engineering – Douglas Williamson

7. Personnel Items – John Accardo

- a. June 28, 2021 Personnel Actions Sheet**
- b. Vaccinated Employee Update**

8. Information Technology (IT) – Joseph Morock

- a. Electronic Communications to All Employees**

9. Financial Reports – Deputy Director of Financial Services Brian Majchrowicz

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

10. Operations and Maintenance Report for May 2021

11. Safety – John Accardo

12. General Counsel and Secretary – Sean Costello

- a. Draft May 24, 2021 Meeting Minutes**

13. Resolutions

**2021-06-001 – GENERATOR PREVENTATIVE MAINTENANCE SERVICE
AGREEMENT WITH KINSLEY POWER SYSTEMS**

- a. Kinsley Power Systems Proposal dated May 27, 2021**

2021-06-002 – ZERO COST CHANGE ORDER FOR EMERGENCY REPAIR CONTRACT

- a. Memorandum from City Engineering**

2021-06-003 – AWARD BID FOR WWTP PROJECT 11, INTERIOR PIPING IMPROVEMENTS

- a. Engineer's Award Recommendation and Bid Tabulation**

14. Additional Comments from Chairman Forster

15. 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.
- b. Roof Study**
- Jay Meyers from CPL stated this project is approximately 96% complete.
 - Further review is needed in some areas – will be sure to report all findings to the board as soon as they are made available -- discussed at board meeting held on 5/24/21.
- c. Beech Ave. Water Tower**
- Jay Meyers explains some modeling work is needed along with finalizing ideas for an ideal location (possibly Buffalo Ave.)
 - Beech Ave. is not an ideal location due to the need for a pump station.
 - Cost to complete the study – approximately \$9,800 – discussed at board meeting held on 5/24/21.
- d. Caulking Project WTP**
- Exterior caulking of the WTP was completed in 2020.
 - Interior caulking of the WTP is now needed
 - Mr. Costello was tasked to solicit bids – requesting CPL to prepare the specifications.
 - - discussed at board meeting held on 5/24/21.
- 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.

f. Lift Station Roofs

- **Mr. Costello has been in contact with the maintenance department regarding the work that is needed; would prefer to keep the work in-house if possible - discussed at board meeting held on 5/24/21.**

g. Program Logic Controller (PLC)

- **(1) showing a processor error, (2) showing error - discussed at board meeting held on 5/24/21.**

h. 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**
- **WTP Chief Operator (Rob Rowe) met with Fluid Kinetics to discuss options.**
- **CPL to provide drawings (April 2021) for submittal to DOH - discussed at board meeting held on 5/24/21.**

i. Emergency Backup Generators

- **In need of repair – multiple issues with transfer gear and controls.**
- **1 unit has been determined to need radiator parts/replacements.**
- **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).**

j. 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.**

k. Replacement of the outdated CO2 detection system.

- **Units are in house for installation and work is progressing (unknown).**
- **- discussed at board meeting held on 5/24/21.**

l. Backflow Preventers

- Need to be tested/repaired/replaced yearly or as necessary.
- Larger units may cause the plant to lose chlorine capabilities – will now be tied in with chlorine system – experiencing pressure related issues on the Plant Water line.
- Work may need to be subcontracted if in-house staff is unable to complete the necessary repairs.
- - discussed at board meeting held on 5/24/21.

m. Interior Lighting

- High lift room has been updated by Ferguson Electric.
- Low lift room to be completed next – will likely be completed by Ferguson Electric due to the safety concerns of completing the work in-house.
- - discussed at board meeting held on 5/24/21.

n. HVAC Rooftop & Make Up Air

- Outdated units – need replacements – 4 out of the 5 units are inoperable.
- AC-1 – rooftop unit over Operations Control Room is now replaced and awaiting final installation items. Startup to be completed shortly (10/16/2018).
- 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.

o. 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.
- In-house work completed regarding the necessary pipes and valves. SOP's have also been created for the new completed system.
- PACL liners have been replaced (unknown).
- - discussed at board meeting held on 5/24/21.

p. Bulk Chemical Storage Liners

- PACL liners complete – contractor has concerns about Fluoride toxicity. Maintenance department to follow up.
- - discussed at board meeting held on 5/24/21.

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.

r. Vice Chairwoman Larkin – employee PPE - discussed at board meeting held on 5/24/21.

16. New Business & Additional Items for Discussion

- a. WTP Roof**
 - i. Tremco Roof Inspection & Repair Proposal June 10, 2021**
 - ii. Tremco WTP Roof Inspection Summary June 2021**
- b. CPL Proposal for Whitney Ave. & 11th St. Water Project Engineering**
 - i. Watermain Replacement Location Map**
- c. Water Meter Update – Automated Meter Infrastructure (“AMI”) Propagation Study by Neptune.**
 - i. 2017 CPL Report on Unaccounted Water**

17. Executive Session (if needed)

18. Adjournment of Meeting



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

Last Updated: 6/14/2021

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

Project	Scope of Work	Original Budget	Scope/Vendor	Estimated Task	% Billed	Recent Work Update
1	Sedimentation Basin Upgrades	\$10,390,000	Design and Bidding (AECOM - Approved)	\$409,000	98%	Currently in construction. Currently working on concrete work in basin 5. Scum building improvements underway.
			CA/CI (CPL - Approved)	\$470,000	0%	
			GEN Construction (Hohl - Per Bid - Approved)	\$7,422,010	0%	
			ELEC Construction (CIR - Per Bid - Approved)	\$894,100	0%	
			Project Total	\$9,195,110	4%	
			Remaining Budget	\$1,194,890		
2	GPS	\$4,100,000	Design, Bidding, and CA/CI (GHD - Approved)	\$442,630	83%	Construction continues at GPS. Outfall Work complete. Seeing delays on equipment deliveries that will push the project completion several months.
			GEN Construction (STC - Per Bid - Approved)	\$2,653,000	31%	
			ELEC Construction (CIR - Per Bid - Approved)	\$418,300	11%	
			HVAC Construction (Danforth - Per Bid - Approved)	\$864,400	63%	
			Project Total	\$4,378,330	41%	
			Remaining Budget	(\$278,330)		
3	Screens and Grit Transportation Equipment Improvements	\$1,920,000	Design, Bidding, and CA/CI (Arcadis - Approved)	\$314,315	53%	Currently in construction phase. Hohl currently working on demolition of existing sludge handling equipment in preparation for upgrades.
			GEN Construction (Hohl - Per Bid - Approved)	\$1,527,000	0%	
			ELEC Construction (CIR - Per Bid - Approved)	\$140,800	9%	
			Project Total	\$1,982,115	8%	
			Remaining Budget	(\$62,115)		
4	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	90%	
			Final Project Total	\$1,717,668		
			Final Remaining Budget	\$282,332	86%	
5	Electrical System Improvements	\$2,610,000	Design/E.I. Team - Approved	\$176,600	100%	Project currently out for bid. Bid opening scheduled for 2:00 PM on July 15, 2021.
			Phase 2 Design - Approved	\$198,941	4%	
			CA/CI/TBD - Approved	\$65,374	0%	
			Const. - Per original project Budget (EI Team Estimates \$6M)	\$1,816,458	0%	
			Task 1 Construction - Ferguson - Approved	\$352,627	51%	
			Project Total	\$2,610,000	7%	
			Remaining Budget	\$0		

6	Effluent Disinfection	\$3,650,000	Design, Bid, and CI (AECOM - Approved)	\$190,233	94%	Construction Complete.
			GEN Construction (M&B - Per Bid - Approved)	\$1,366,000	52%	
			ELEC Construction (Ferguson - Per Bid - Approved)	\$108,000	98%	
			ELEC Construction (Ferguson - Approved Proposal - Network Improvements)	\$400,000	62%	
			CA/In-House - CPL (Included in current CPL term contract)	~ 5% or \$185,000 if by capital project engineer		
			Project Total	\$2,064,233	61%	
			Remaining Budget	\$1,585,767		
7	Replacement of Critical Heating and Ventilation Equipment	\$1,160,000	Design, Bidding, and CA/CI (E.I. Team - Approved)	\$140,320	73%	Project awarded, NFWB currently finalizing contract. El Team will provide construction phase services.
			ELEC Construction (CIR - Per Bid - Approved)	\$177,363	0%	
			HVAC Construction (Danforth - Per Bid - Approved)	\$782,000	0%	
			Running Total	\$1,099,683	9%	
			Remaining Budget	\$60,317		
8	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		
9	Replacement of Process Piping	\$640,000	Piping Assessment Report (Ramboll - Approved)	\$59,770	100%	Project #11 Award Recommendation provided by JMD. Project #9 bid opening on 6/15/21 Award Recommendation provided by JMD.
			Design, Bidding, and CA/CI (JMD - Approved)	\$114,560	17%	
			Construction - (Per Engineers Preliminary Estimate with 15% contingency)	\$465,670	0%	
			Running Total	\$640,000	12%	
			Remaining Budget	\$0		
10	SCADA Improvements	\$455,000	Phase 1 Design/ Construction/Kaman - Approved	\$352,450	43%	Kaman continues SCADA upgrade work and coordination with Capital Project Engineers.
			Phase 2 Design/ Construction - Approved (For Project #6)	\$146,200		
			Running Total	\$498,650	43%	
			Remaining Budget	(\$43,650)		
Phase 1 Budget Total =		\$27,225,000	Anticipated Total Cost (Percentage of Total Budget)		\$24,275,907	
			Overall Phase 1 Remaining Budget to Date		\$2,949,093	

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 Cost	Percentage of Total Project	Recent Work Update
2B	Outfall	\$1,700,000	Design, Bidding, and CA/CI (GHD - Approved)	\$37,400	100%	(See Project #2 Update)
			GEN Construction (STC - Per Bid - Approved)	\$562,000	90%	
			Running Total	\$599,400	91%	
			Remaining Budget	\$1,100,600		
11A	18" Plant Drain Upgrade	\$1,200,000	11A Design, Bidding, and CA/CI (JMD - Approved)	\$15,890	75%	(See Project #9 Update)
	Const. (Construction Estimate)		\$116,640	0%		
11B	Hypo and Sludge Improvements		11B Design, Bidding, and CA/CI (JMD - Approved)	\$52,965	22%	
			Const. (Construction Estimate)	\$500,040	0%	
			Running Total	\$685,535	2%	
			Remaining Budget	\$514,465		

ESTIMATED CONSTRUCTION SCHEDULE

NFWB CAPITAL IMPROVEMENT PROJECTS

Updated: (6-14-21)	2019	2020	2021	2022	2023	2024
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Updated: (6-14-21)			2019				2020				2021				2022				2023				2024																											
TASK DESCRIPTION	PLAN START	PLAN END	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D
Project #1: Sedimentation Basin Upgrades (CPL) - CA/CI Services Approved (10-26-20)																																																		
Design and Bidding	5/22/2019	10/1/2020																																																
Mobilization	11/1/2020	2/1/2021																																																
Construction (Phase 1)	3/1/2021	11/30/2021																																																
Construction (Phase 2)	3/1/2022	11/30/2022																																																
Construction (Phase 3)	3/1/2023	11/30/2023																																																
Construction (Phase 4)	3/1/2024	11/30/2024																																																
Project #2 Gorge Pumping Station Rehab (GHD) - CA/CI Services Approved (12-16-19)																																																		
Design and Bidding	6/3/2019	6/27/2020																																																
Construction	7/1/2020	12/1/2021																																																
Project #3 Screens and Grit Transport (Arcadis) - CA/CI Services Approved (10-26-20)																																																		
Design and Bidding	5/30/2019	10/1/2020																																																
Construction	11/1/2020	12/1/2021																																																
Project #4 Activated Carbon Replacement (AECOM) - CA/CI Services Approved (11-25-19)																																																		
Design and Bidding	5/22/2019	2/22/2020																																																
Construction	3/1/2020	9/1/2020																																																
Project #5 Electrical System Improvements (EI Team) - CA/CI Services Approved (9-28-20)																																																		
Design and Bidding	4/25/2019	10/1/2020																																																
Construction	11/1/2020	10/1/2021																																																
Project #6 Effluent Disinfection (AECOM) - CA Services (Approved Previously)																																																		
Design and Bidding	6/25/2019	2/1/2020																																																
Construction	3/1/2020	4/1/2021																																																
Project #7 HVAC Improvements (EI Team) - CA/CI Services Approved (9-28-20)																																																		
Design and Bidding	4/25/2019	1/1/2021																																																
Construction	2/1/2021	10/1/2021																																																
Project #8 Replacement of Blower Equipment (In House) - CA Services by AECOM and CPL																																																		
Design and Bidding	2/1/2019	6/1/2019																																																
Construction	7/1/2019	2/1/2020																																																
Project #9 Replacement of Process Piping (JMD) - CA/CI Services Approved (9-28-20)																																																		
Design and Bidding	10/26/2019	3/26/2021																																																
Construction	4/1/2021	11/1/2021																																																
Project #10 SCADA Improvements (Kaman) - CA Services Not Required																																																		
Design and Bidding	6/1/2019	12/1/2019																																																
Construction	1/1/2020	11/1/2024																																																
Project #11 WWTP Additional Piping (JMD) CA/CI Services Approved (9-28-20)																																																		
Design and Bidding	10/1/2019	3/26/2021																																																
Construction	4/1/2021	11/1/2021																																																
Project #99 WWTP Protective Measures - Project on Hold																																																		
Design and Bidding	1/1/2019	7/1/2020																																																
Construction	8/1/2020	6/1/2021																																																
			J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D

NFWB Financial Award Summary
Last Updated: 6/18/21

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	\$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. Bond closed with EFC, agreement pending. CPL to assist NFWB with payment reimbursements.
Sewer Plant Phase 1 Improvements	\$13,500,000 grant	NYS DASNY ID #15688	Awarded. Reimbursement requests underway with DASNY and money received.
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 requests for \$1.6 million is underway. Future request first required EFC approval of construction documents which is also underway.
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	Payment of first \$50,000 has been made. Second payment of \$50,000 to be made once DEC okay with report. CPL following up with DEC.

FUTURE			
2021 Various Watermain & System Improvements	\$5,300,000 total \$3,000,000 grant \$2,300,000 loan	NYS EFC	Submission paperwork prepared. Waiting on State to announce grant sessions. Financial assistance submission to IUP made in Sept 2020. NFWB reviewing possibility of performing Military Road work in house. CPL to work with staff to update projects as necessary. September 2021 application deadline.
2021 Various Sewer & System Improvements	\$5,300,000 total \$1,250,000 grant \$3,750,000 loan	NYS EFC	CPL to work with staff to prepare list of projects. Then discuss with NFWB if paperwork should be prepared for anticipation of September 2021 application process.
LaSalle Sewer Area Phase 2 system report update & flow monitoring	\$180,000 total \$100,000 grant \$80,000 NFWB Match	NYSDEC Engineering Planning Grant	CPL submitted application 2/10/21. EFC sent denial letter May 2021. Conf call with EFC 6/3/21, application can be submitted again. July 30, 2021 application deadline. 6/18/21 schedule conf call with DEC to discuss. May be possible to include lift station improvements (additional \$1,600,000).
LaSalle Sewer Area Phase 2 Construction	\$1,000,000 total \$750,000 grant \$250,000 NFWB match	NYSDEC WQIP	Waiting on State to announce grant sessions. Financial assistance submission to IUP made in Sept 2020. EFC sent letter dated 3/4/21 stating construction work is eligible for hardship financing (0% loan). Eligibility in effect through 9/30/22. 6/18/21 schedule conf call with DEC to discuss
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. July 30, 2021 application deadline.

Niagara Falls Water Board
Personnel Actions and Report
Monday, June 28, 2021

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

A. PERSONNEL ACTIONS RECOMMEND TO HIRE

Line Item Number	Position	Department/Location	Pay Rate or Grade	ADDITIONAL INFORMATION
1	Material Handler/Document Retention Specialist	WWTP	\$41,722/year	FA.8310.0001 50% GA.8110.0001 50%

B. RECOMMENDED PROMOTION / MOVE / APPOINTMENT

Line Item Number	Name and Position	Type of labor move	Change in pay rate or grade	ADDITIONAL INFORMATION

C. PREVIOUSLY TABLED PERSONNEL ACTIONS (From 2021)

Line Item Number	Action and Position	Department/Location	Pay Rate or Grade	ADDITIONAL INFORMATION
1	Mark Richmond - MW2	Promotion to MW3	From Grade 9 (\$15.88/hr) To 12 (\$16.61/hr)	\$.73 hourly increase equals approx. \$1,510 annually. Tabled April 26.

D. OTHER PERSONNEL ACTIVITY FOR BOARD NOTIFICATION

Name	Position	Department/Location	Pay Rate	ADDITIONAL INFORMATION

E. PERSONNEL ON LONG TERM LEAVE OF ABSENCE

Name	Last Day Worked	Dept.	Return Status	Comments
James Joyce	1/5/2021	WWTP Maint	TBD	Workers Comp
Cortez Bradberry	4/13/2021	Outside Sewer	TBD	Workers Comp
Artez Houston	5/5/2021	WWTP Operations	6/11/2021	Returned to Work 6/11/21
Stephen LaGamba	7/16/2021	WWTP Lab	10/16/2021	LOA to accept position working for another county gov't
Kurt Smith	6/8/2021	WTP - Ins Maint	TBD	FMLA



Revenue Budget Performance Report

Fiscal Year to Date 05/31/21

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	7,500.00	.00	22,440.00	19,910.00	53	47,225.00
2140.001	District 1	1,671,340.00	.00	1,671,340.00	2,691.45	.00	789,911.46	881,428.54	47	1,578,800.21
2140.002	District 2	1,967,868.00	.00	1,967,868.00	458,721.41	.00	935,498.02	1,032,369.98	48	1,947,208.66
2140.003	District 3	1,485,143.00	.00	1,485,143.00	1,279.09	.00	356,773.76	1,128,369.24	24	1,455,728.44
2140.004	Non-Resident	23,920.00	.00	23,920.00	6,954.80	.00	(33,308.71)	57,228.71	-139	30,633.20
2140.005	Industrial	2,574,781.00	.00	2,574,781.00	.00	.00	1,204,853.60	1,369,927.40	47	2,358,805.11
2140.006	Industrial SIU	2,074,065.00	.00	2,074,065.00	.00	.00	1,200,509.37	873,555.63	58	2,219,210.91
2140.008	Hydrant Usage	5,412.00	.00	5,412.00	411.81	.00	5,173.10	238.90	96	5,415.58
2140.599	Miscellaneous Departmental Incom	15,000.00	.00	15,000.00	.00	.00	332.39	14,667.61	2	4,250.00
2141.000	Allowance for Unpaid Trfd	(150,000.00)	.00	(150,000.00)	.00	.00	22,280.46	(172,280.46)	-15	(75,236.01)
2144.003	Fire Service	94,000.00	.00	94,000.00	.00	.00	.00	94,000.00	0	88,830.60
2144.005	Service Charge	480,822.00	.00	480,822.00	32,377.14	.00	200,302.94	280,519.06	42	451,886.56
2144.006	Lab Analysis	39,220.00	.00	39,220.00	1,825.50	.00	10,760.00	28,460.00	27	45,710.28
2144.008	Missing Meter Charge	40,350.00	.00	40,350.00	2,720.00	.00	15,401.00	24,949.00	38	18,854.00
2144.009	Mtr Install/Reinstall/Reactivate	15,220.00	.00	15,220.00	375.00	.00	2,275.00	12,945.00	15	8,625.00
2144.010	Final Meter Read/Inspect	10,500.00	.00	10,500.00	1,725.00	.00	7,775.00	2,725.00	74	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	60.00	.00	2,380.00	4,450.00	35	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	(43.67)	.00	23,029.72	46,970.28	33	67,291.99
2148.002	District 2	45,092.00	.00	45,092.00	9,356.74	.00	16,828.63	28,263.37	37	43,056.40
2148.003	District 3	48,880.00	.00	48,880.00	.00	.00	20,744.28	28,135.72	42	44,246.04
2148.004	Non-Resident	5,000.00	.00	5,000.00	229.72	.00	426.81	4,573.19	9	791.32
2148.005	Industrial	16,200.00	.00	16,200.00	.00	.00	4,431.56	11,768.44	27	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	.00	.00	(21.78)	3,525.78	-1	3,250.72
	<i>Departmental Income Totals</i>	\$10,591,797.00	\$0.00	\$10,591,797.00	\$526,183.99	\$0.00	\$4,817,165.91	\$5,774,631.09	45%	\$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	.00	.00	854.38	89,145.62	1	21,232.12
	<i>Use Of Money & Property Totals</i>	\$90,000.00	\$0.00	\$90,000.00	\$0.00	\$0.00	\$854.38	\$89,145.62	1%	\$21,232.12
	<i>Licenses And Permits</i>									
2550.006	Cellular Towers	230,000.00	.00	230,000.00	18,366.44	.00	88,666.12	141,333.88	39	223,537.03
2590.004	Hydrant Permits & Rentals	16,800.00	.00	16,800.00	347.00	.00	8,272.28	8,527.72	49	5,892.07
	<i>Licenses And Permits Totals</i>	\$246,800.00	\$0.00	\$246,800.00	\$18,713.44	\$0.00	\$96,938.40	\$149,861.60	39%	\$229,429.10



Revenue Budget Performance Report

Fiscal Year to Date 05/31/21

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	681.62	.00	681.62	7,318.38	9	3,001.37
2665.000	Sale-Equipment	2,855.00	.00	2,855.00	.00	.00	.00	2,855.00	0	280.00
	<i>Sale Of Prop/Cmp For Loss Totals</i>	\$10,855.00	\$0.00	\$10,855.00	\$681.62	\$0.00	\$681.62	\$10,173.38	6%	\$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	595.00	.00	3,255.00	1,745.00	65	9,170.00
2770.599	Undesignated	10,500.00	.00	10,500.00	.00	.00	.00	10,500.00	0	2,029.28
	<i>Misc Local Sources Totals</i>	\$15,500.00	\$0.00	\$15,500.00	\$595.00	\$0.00	\$2,580.30	\$12,919.70	17%	\$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
	<i>Interfund Revenues Totals</i>	\$237,500.00	\$0.00	\$237,500.00	\$0.00	\$0.00	\$0.00	\$237,500.00	0%	\$0.00
	<i>Operating Transfers In</i>									
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	\$0.00	\$125,000.00	\$0.00	\$0.00	\$0.00	\$125,000.00	0%	\$0.00
	REVENUE TOTALS	\$11,543,269.00	\$0.00	\$11,543,269.00	\$546,174.05	\$0.00	\$4,918,220.61	\$6,625,048.39	43%	\$10,940,689.40
Fund	FA - Water Board - Water Totals	\$11,543,269.00	\$0.00	\$11,543,269.00	\$546,174.05	\$0.00	\$4,918,220.61	\$6,625,048.39		\$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
Fund	GA - Water Board - Sewer									
	REVENUE									
	<i>Departmental Income</i>									
2120.001	District 1	2,146,410.00	.00	2,146,410.00	3,525.61	.00	1,046,746.76	1,099,663.24	49	2,105,684.70
2120.002	District 2	2,514,064.00	.00	2,514,064.00	608,307.90	.00	1,241,652.57	1,272,411.43	49	2,580,836.71
2120.003	District 3	1,862,688.00	.00	1,862,688.00	1,693.59	.00	473,307.12	1,389,380.88	25	1,944,778.52



Revenue Budget Performance Report

Fiscal Year to Date 05/31/21

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>									
2120.005	Industrial CSIRU	4,035,200.00	.00	4,035,200.00	.00	.00	1,600,082.37	2,435,117.63	40	3,165,994.19
2120.006	Industrial SIU	8,365,632.00	.00	8,365,632.00	1,112,854.73	.00	3,728,796.17	4,636,835.83	45	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	545.19	.00	7,376.25	(720.25)	111	8,131.87
2120.102	Town Of Niagara	675,000.00	.00	675,000.00	.00	.00	338,619.28	336,380.72	50	792,882.19
2122.001	Visual Inspections	.00	.00	.00	.00	.00	.00	.00	+++	(60.00)
2122.002	Dye Tests	41,102.00	.00	41,102.00	7,500.00	.00	22,440.00	18,662.00	55	47,285.00
2128.001	District 1	84,090.00	.00	84,090.00	(57.12)	.00	30,046.76	54,043.24	36	88,408.50
2128.002	District 2	60,870.00	.00	60,870.00	12,388.24	.00	22,325.32	38,544.68	37	56,332.50
2128.003	District 3	68,300.00	.00	68,300.00	.00	.00	26,941.94	41,358.06	39	58,230.13
2128.005	Industrial	15,000.00	.00	15,000.00	.00	.00	5,995.65	9,004.35	40	33,632.76
2128.006	Industrial SIU	19,100.00	.00	19,100.00	.00	.00	12,701.96	6,398.04	67	7,287.99
2141.000	Allowance for Unpaid Trfd	20,715.00	.00	20,715.00	.00	.00	29,248.05	(8,533.05)	141	(93,822.13)
	<i>Departmental Income Totals</i>	\$19,917,827.00	\$0.00	\$19,917,827.00	\$1,746,758.14	\$0.00	\$8,589,505.20	\$11,328,321.80	43%	\$21,607,124.06
	<i>Use Of Money & Property</i>									
2401.000	Interest Earnings	80,500.00	.00	80,500.00	.00	.00	632.25	79,867.75	1	15,712.05
	<i>Use Of Money & Property Totals</i>	\$80,500.00	\$0.00	\$80,500.00	\$0.00	\$0.00	\$632.25	\$79,867.75	1%	\$15,712.05
	<i>Licenses And Permits</i>									
2590.006	SIU 5-Yr Permits	6,250.00	.00	6,250.00	.00	.00	750.00	5,500.00	12	7,750.00
	<i>Licenses And Permits Totals</i>	\$6,250.00	\$0.00	\$6,250.00	\$0.00	\$0.00	\$750.00	\$5,500.00	12%	\$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
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	\$0.00	\$86,875.00	0%	\$309,650.24
	<i>Misc Local Sources</i>									
2701.000	Refund Appro Exp Prior Yr	(7,800.00)	.00	(7,800.00)	.00	.00	(40,943.64)	33,143.64	525	1,520.03
2770.599	Undesignated	.00	.00	.00	.00	.00	1,397.40	(1,397.40)	+++	4,239.47
	<i>Misc Local Sources Totals</i>	(\$7,800.00)	\$0.00	(\$7,800.00)	\$0.00	\$0.00	(\$39,546.24)	\$31,746.24	507%	\$5,759.50
	REVENUE TOTALS	\$20,084,452.00	\$0.00	\$20,084,452.00	\$1,746,758.14	\$0.00	\$8,551,341.21	\$11,533,110.79	43%	\$21,946,445.85
Fund	GA - Water Board - Sewer Totals	\$20,084,452.00	\$0.00	\$20,084,452.00	\$1,746,758.14	\$0.00	\$8,551,341.21	\$11,533,110.79		\$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	.00	.00	153,296.59	946,703.41	14	607,753.09
	<i>Use Of Money & Property Totals</i>	\$1,100,000.00	\$0.00	\$1,100,000.00	\$0.00	\$0.00	\$153,296.59	\$946,703.41	14%	\$607,753.09



Revenue Budget Performance Report

Fiscal Year to Date 05/31/21

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	VFG - Plant Fund									
	REVENUE									
	<i>Misc Local Sources</i>									
2710.000	Bond Premium	.00	.00	.00	.00	.00	.00	.00	+++	190,749.58
	<i>Misc Local Sources Totals</i>	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	+++	\$190,749.58
	<i>Proceeds Of Obligations</i>									
4990.000	Grant Revenue	.00	.00	.00	.00	.00	598,754.30	(598,754.30)	+++	1,242,975.58
	<i>Proceeds Of Obligations Totals</i>	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$598,754.30	(\$598,754.30)	+++	\$1,242,975.58
	<i>Operating Transfers In</i>									
5031.FA	Transfer Fr Water Divisn.	2,182,651.00	.00	2,182,651.00	8,067.57	.00	46,485.81	2,136,165.19	2	3,892,807.20
5031.GA	Transfer Fr Sewer Divisn.	3,995,379.00	.00	3,995,379.00	12,101.35	.00	69,728.71	3,925,650.29	2	5,839,210.80
	<i>Operating Transfers In Totals</i>	\$6,178,030.00	\$0.00	\$6,178,030.00	\$20,168.92	\$0.00	\$116,214.52	\$6,061,815.48	2%	\$9,732,018.00
	REVENUE TOTALS	\$7,278,030.00	\$0.00	\$7,278,030.00	\$20,168.92	\$0.00	\$868,265.41	\$6,409,764.59	12%	\$11,773,496.25
Fund	VFG - Plant Fund Totals	\$7,278,030.00	\$0.00	\$7,278,030.00	\$20,168.92	\$0.00	\$868,265.41	\$6,409,764.59		\$11,773,496.25
	Grand Totals	\$39,128,051.00	\$0.00	\$39,128,051.00	\$2,313,101.11	\$0.00	\$14,337,827.23	\$24,790,223.77		\$44,800,631.50



Expense Budget Performance Report

Fiscal Year to Date 05/31/21

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	282,336.05	.00	1,046,613.01	1,755,065.99	37	2,732,640.52
0153.000	Stipend	.00	.00	.00	576.92	.00	576.92	(576.92)	+++	96.15
	<i>Personnel - Position Control Totals</i>	\$2,801,679.00	\$0.00	\$2,801,679.00	\$282,912.97	\$0.00	\$1,047,189.93	\$1,754,489.07	37%	\$2,732,736.67
	<i>Personnel Services</i>									
0111.000	Biwkly Comp Differential	.00	.00	.00	1,440.00	.00	4,040.63	(4,040.63)	+++	1,815.45
0125.000	Insurance OPT Out	122,148.00	.00	122,148.00	12,298.05	.00	47,912.02	74,235.98	39	106,042.52
0130.000	Temporary Payroll	111,964.00	(13,691.00)	98,273.00	20,460.00	.00	67,550.00	30,723.00	69	152,392.08
0140.000	Overtime	223,300.00	.00	223,300.00	14,929.58	.00	61,576.03	161,723.97	28	209,525.63
0150.000	Acting Next-In-Rank Pay	12,480.00	.00	12,480.00	1,725.44	.00	7,208.30	5,271.70	58	16,745.53
0151.A	Sunday Contractual Pay	.00	.00	.00	5,640.47	.00	20,175.86	(20,175.86)	+++	48,822.12
0152.000	Shift Premium Pay	8,500.00	.00	8,500.00	13.48	.00	124.36	8,375.64	1	8,726.30
0155.A	Holiday Contractual Pay	.00	.00	.00	.00	.00	6,678.43	(6,678.43)	+++	30,362.61
0155.000	Holiday Pay	9,298.00	.00	9,298.00	1,602.66	.00	22,463.91	(13,165.91)	242	88,104.86
0165.000	Military Leave	.00	.00	.00	1,456.74	.00	3,355.48	(3,355.48)	+++	3,298.05
0170.000	Overtime Meals	6,225.00	.00	6,225.00	432.75	.00	1,849.50	4,375.50	30	5,607.30
0181.000	Vacation Pay	.00	.00	.00	19,397.15	.00	76,864.43	(76,864.43)	+++	158,348.24
0182.000	Personal Time	.00	.00	.00	99.25	.00	2,798.05	(2,798.05)	+++	6,653.37
0183.000	Compensatory Time Off	.00	.00	.00	928.91	.00	2,654.43	(2,654.43)	+++	7,036.30
0184.000	Funeral Leave	.00	.00	.00	1,399.77	.00	3,186.25	(3,186.25)	+++	8,517.36
0185.000	Jury Duty	.00	.00	.00	.00	.00	3,560.92	(3,560.92)	+++	.00
0186.000	Call-In Time	7,750.00	.00	7,750.00	1,813.10	.00	8,758.37	(1,008.37)	113	19,756.26
0189.000	Sick Leave	.00	.00	.00	8,085.82	.00	29,736.54	(29,736.54)	+++	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	(\$13,691.00)	\$487,974.00	\$91,723.17	\$0.00	\$370,493.51	\$117,480.49	76%	\$947,114.55
	<i>Capital Outlays</i>									
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
0250.500	Safety Equipment	25,000.00	.00	25,000.00	1,378.75	1,695.12	7,780.09	15,524.79	38	20,403.72
	<i>Capital Outlays Totals</i>	\$25,000.00	\$0.00	\$25,000.00	\$1,378.75	\$1,695.12	\$7,780.09	\$15,524.79	38%	\$28,082.50
	<i>Contractual Expenses</i>									
0411.000	Office Supplies	2,750.00	.00	2,750.00	.00	.00	558.61	2,191.39	20	2,836.56
0412.000	Uniforms	2,170.00	.00	2,170.00	.00	.00	.00	2,170.00	0	2,172.22
0413.000	Safety Shoes	10,400.00	.00	10,400.00	200.00	.00	2,157.90	8,242.10	21	7,597.78
0414.000	Automotive-Gas,Oil,Grease	40,000.00	.00	40,000.00	2,940.94	.00	6,644.34	33,355.66	17	18,111.24
0416.000	Consumable Printed Forms	700.00	.00	700.00	.00	.00	378.75	321.25	54	328.95
0417.000	Tool Allowance	300.00	.00	300.00	.00	.00	.00	300.00	0	450.00
0419.001	Automotive Parts	25,000.00	.00	25,000.00	1,972.67	.00	9,628.17	15,371.83	39	40,793.57
0419.003	Cleaning/Sanitary	5,000.00	.00	5,000.00	2,611.09	551.00	3,198.05	1,250.95	75	4,720.22



Expense Budget Performance Report

Fiscal Year to Date 05/31/21

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>									
0419.004	Agricultural/Botanical	40,000.00	.00	40,000.00	.00	.00	.00	40,000.00	0	40,000.00
0419.005	Tools & Machine Parts	207,100.00	.00	207,100.00	11,780.59	80,116.95	39,457.89	87,525.16	58	186,056.73
0419.006	Construction/Repair	142,500.00	.00	142,500.00	671.98	6,264.14	16,478.00	119,757.86	16	133,694.29
0419.008	Signals/Communication	5,000.00	.00	5,000.00	.00	.00	.00	5,000.00	0	3,100.50
0419.009	Misc Chemicals	19,500.00	.00	19,500.00	.00	1,663.48	4,767.13	13,069.39	33	17,518.67
0419.010	Laboratory	26,000.00	.00	26,000.00	.00	6,845.53	8,519.70	10,634.77	59	16,776.29
0419.012	Carbon	110,000.00	.00	110,000.00	.00	.00	.00	110,000.00	0	97,587.50
0419.014	Ferric Chloride	410,000.00	.00	410,000.00	26,776.76	60,280.42	144,719.58	205,000.00	50	378,533.24
0419.016	Primary Polymer	120,000.00	.00	120,000.00	.00	50,000.00	.00	70,000.00	42	73,392.00
0419.017	Sludge Polymer	110,000.00	.00	110,000.00	24,960.00	5,080.00	49,920.00	55,000.00	50	54,080.00
0419.018	Pebble Lime	230,000.00	.00	230,000.00	17,496.11	53,646.74	56,353.26	120,000.00	48	163,779.63
0419.024	Hypochlorite Solution	2,500,000.00	.00	2,500,000.00	238,656.26	191,402.37	808,597.63	1,500,000.00	40	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	.00	49,000.00	940.29	7,444.01	11,065.16	30,490.83	38	46,632.10
0421.001	Phone Extension Chgs	43,925.00	.00	43,925.00	3,962.88	.00	16,898.83	27,026.17	38	45,006.65
0421.002	Wireless Services	16,000.00	.00	16,000.00	696.79	.00	2,678.61	13,321.39	17	8,797.96
0422.000	Light & Power	633,000.00	.00	633,000.00	55,610.43	.00	236,973.22	396,026.78	37	646,690.84
0423.000	Water/Sewer	486,000.00	.00	486,000.00	.00	.00	162,950.74	323,049.26	34	601,623.00
0424.000	Gas	25,000.00	.00	25,000.00	2,819.19	.00	11,956.78	13,043.22	48	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	4,918.00	.00	116,032.30	(27,520.30)	131	64,660.62
0440.003	Motor Vehicle Equipment	80,000.00	.00	80,000.00	6,302.80	500.00	31,514.00	47,986.00	40	74,739.66
0440.599	Undesignated Leases	1,050.00	.00	1,050.00	81.79	.00	454.50	595.50	43	834.63
0441.000	Rental Of Real Property	75.00	.00	75.00	.00	.00	.00	75.00	0	41.00
0442.000	Rental Of Equipment	14,000.00	.00	14,000.00	.00	.00	1,962.10	12,037.90	14	16,935.00
0442.003	Motor Vehicle Equip Rentl	.00	9,565.00	9,565.00	446.50	.00	5,992.60	3,572.40	63	5,326.87
0442.599	Undesignated Rentals	2,700.00	.00	2,700.00	62.99	1,107.36	792.64	800.00	70	2,347.14
0443.000	Repair Of Real Property	35,000.00	.00	35,000.00	8,665.58	5,273.25	11,853.78	17,872.97	49	14,520.09
0444.000	Repair Of Equipment	163,745.00	.00	163,745.00	11,715.56	14,815.55	25,090.22	123,839.23	24	132,356.92
0446.000	Computer Services	2,500.00	.00	2,500.00	349.98	.00	1,749.89	750.11	70	4,199.72
0449.000	Billing & Collection	42,500.00	.00	42,500.00	3,429.71	.00	17,148.59	25,351.41	40	42,642.58
0449.002	Sludge Disposal	1,750,000.00	.00	1,750,000.00	231,746.25	213,977.60	786,022.40	750,000.00	57	1,439,830.40
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	1,200.00	.00	2,000.00	38	1,927.50
0449.599	Undesignated Services	157,000.00	1,500.00	158,500.00	8,029.84	40,482.25	24,264.75	93,753.00	41	136,147.89
0451.000	Consultants	73,762.00	.00	73,762.00	12,536.04	3,043.61	42,225.49	28,492.90	61	74,471.02
0454.000	Attorney Services	80,000.00	.00	80,000.00	7,600.40	.00	18,219.12	61,780.88	23	45,945.70
0461.000	Postage	15,000.00	.00	15,000.00	5,760.47	.00	13,629.60	1,370.40	91	18,248.19



Expense Budget Performance Report

Fiscal Year to Date 05/31/21

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>									
0463.000	Travel & Training Expense	8,320.00	(1,500.00)	6,820.00	.00	.00	324.00	6,496.00	5	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	99.76	926.20	498.80	7,320.00	16	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	44.95	.00	169.47	330.53	34	352.44
0471.000	Recruitment Expenditures	400.00	.00	400.00	.00	.00	.00	400.00	0	278.80
	<i>Contractual Expenses Totals</i>	\$8,130,354.00	\$9,565.00	\$8,139,919.00	\$693,886.60	\$744,620.46	\$2,693,856.60	\$4,701,441.94	42%	\$7,767,171.82
	<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	(3,298.79)	265,298.79	-1	242,417.21
0830.000	Life Insurance	11,660.00	.00	11,660.00	1,054.32	.00	5,428.29	6,231.71	47	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	179,355.83	.00	969,248.87	1,706,647.13	36	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	478.98	.00	2,418.11	3,563.89	40	5,838.92
0865.000	Chiropractic Insurance	965.00	.00	965.00	80.00	.00	280.00	685.00	29	1,040.00
	<i>Employee Benefits Totals</i>	\$3,393,591.00	\$0.00	\$3,393,591.00	\$181,751.87	\$0.00	\$1,080,832.31	\$2,312,758.69	32%	\$3,027,036.74
	<i>Employee Benefit - FICA</i>									
0810.000	Social Security	276,572.00	.00	276,572.00	27,883.60	.00	105,750.31	170,821.69	38	275,468.34
	<i>Employee Benefit - FICA Totals</i>	\$276,572.00	\$0.00	\$276,572.00	\$27,883.60	\$0.00	\$105,750.31	\$170,821.69	38%	\$275,468.34
	<i>Interfund Transfers</i>									
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	12,101.35	.00	69,728.71	4,143,194.29	2	4,418,229.00
	<i>Interfund Transfers Totals</i>	\$4,955,591.00	\$0.00	\$4,955,591.00	\$12,101.35	\$0.00	\$69,728.71	\$4,885,862.29	1%	\$5,909,210.80
	EXPENSE TOTALS	\$20,084,452.00	(\$4,126.00)	\$20,080,326.00	\$1,291,638.31	\$746,315.58	\$5,375,631.46	\$13,958,378.96	30%	\$20,686,821.42
Fund	GA - Water Board - Sewer Totals	\$20,084,452.00	(\$4,126.00)	\$20,080,326.00	\$1,291,638.31	\$746,315.58	\$5,375,631.46	\$13,958,378.96		\$20,686,821.42
	Grand Totals	\$20,084,452.00	(\$4,126.00)	\$20,080,326.00	\$1,291,638.31	\$746,315.58	\$5,375,631.46	\$13,958,378.96		\$20,686,821.42



Expense Budget Performance Report

Fiscal Year to Date 05/31/21

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									
	EXPENSE									
	<i>Personnel - Position Control</i>									
0110.000	Biweekly Payroll	2,429,005.00	.00	2,429,005.00	243,567.89	.00	893,971.77	1,535,033.23	37	2,172,454.18
0153.000	Stipend	4,925.00	.00	4,925.00	1,269.06	.00	3,114.74	1,810.26	63	6,186.90
	<i>Personnel - Position Control Totals</i>	\$2,433,930.00	\$0.00	\$2,433,930.00	\$244,836.95	\$0.00	\$897,086.51	\$1,536,843.49	37%	\$2,178,641.08
	<i>Personnel Services</i>									
0111.000	Biwkly Comp Differential	.00	.00	.00	.00	.00	.00	.00	+++	874.00
0125.000	Insurance OPT Out	66,872.00	.00	66,872.00	7,045.29	.00	25,978.64	40,893.36	39	58,978.94
0130.000	Temporary Payroll	22,650.00	(4,180.00)	18,470.00	.00	.00	285.14	18,184.86	2	46,732.45
0140.000	Overtime	75,319.00	.00	75,319.00	6,208.88	.00	24,174.61	51,144.39	32	74,576.14
0150.000	Acting Next-In-Rank Pay	.00	.00	.00	.00	.00	.00	.00	+++	453.00
0151.A	Sunday Contractual Pay	14,385.00	.00	14,385.00	1,814.91	.00	6,505.77	7,879.23	45	15,209.78
0152.000	Shift Premium Pay	.00	.00	.00	19.55	.00	100.85	(100.85)	+++	3,720.50
0155.A	Holiday Contractual Pay	6,950.00	.00	6,950.00	.00	.00	1,757.89	5,192.11	25	7,253.15
0155.000	Holiday Pay	.00	.00	.00	1,240.21	.00	24,186.64	(24,186.64)	+++	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	155.25	.00	651.00	1,854.00	26	1,835.70
0181.000	Vacation Pay	.00	.00	.00	13,384.48	.00	70,680.14	(70,680.14)	+++	151,996.50
0182.000	Personal Time	.00	.00	.00	916.25	.00	3,545.19	(3,545.19)	+++	9,190.14
0183.000	Compensatory Time Off	.00	.00	.00	304.23	.00	1,292.19	(1,292.19)	+++	3,030.11
0184.000	Funeral Leave	.00	.00	.00	182.23	.00	1,736.75	(1,736.75)	+++	4,301.41
0186.000	Call-In Time	6,475.00	.00	6,475.00	456.67	.00	3,283.53	3,191.47	51	5,905.93
0189.000	Sick Leave	.00	.00	.00	6,539.21	.00	39,548.99	(39,548.99)	+++	63,583.63
0190.000	Vacation Cash Conversion	5,329.00	.00	5,329.00	.00	.00	.00	5,329.00	0	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	\$38,267.16	\$0.00	\$203,727.33	(\$7,422.33)	104%	\$537,146.66
	<i>Capital Outlays</i>									
0210.000	Furniture & Furnishings	500.00	1,500.00	2,000.00	.00	639.71	.00	1,360.29	32	.00
0220.000	Office Equipment	500.00	.00	500.00	.00	.00	.00	500.00	0	.00
0230.000	Motor Vehicle Equipment	86,000.00	.00	86,000.00	1,999.00	.00	1,999.00	84,001.00	2	.00
0250.000	Other Equipment	28,000.00	.00	28,000.00	.00	.00	.00	28,000.00	0	8,070.85
0250.007	Computer Equipment	25,500.00	.00	25,500.00	1,611.52	4,850.91	2,044.21	18,604.88	27	26,769.90
0250.500	Safety Equipment	7,957.00	.00	7,957.00	.00	.00	1,084.04	6,872.96	14	11,840.71
	<i>Capital Outlays Totals</i>	\$148,457.00	\$1,500.00	\$149,957.00	\$3,610.52	\$5,490.62	\$5,127.25	\$139,339.13	7%	\$46,681.46
	<i>Contractual Expenses</i>									
0411.000	Office Supplies	15,200.00	.00	15,200.00	494.25	415.26	3,088.85	11,695.89	23	7,960.31
0412.000	Uniforms	2,050.00	.00	2,050.00	.00	.00	.00	2,050.00	0	2,277.39
0413.000	Safety Shoes	8,200.00	.00	8,200.00	.00	.00	1,348.66	6,851.34	16	7,001.21
0414.000	Automotive-Gas,Oil,Grease	45,000.00	.00	45,000.00	3,720.36	.00	9,414.18	35,585.82	21	21,951.35
0415.000	Fuel Oil	30,000.00	.00	30,000.00	.00	.00	8,083.56	21,916.44	27	.00



Expense Budget Performance Report

Fiscal Year to Date 05/31/21

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									
	EXPENSE									
	<i>Contractual Expenses</i>									
0416.000	Consumable Printed Forms	700.00	.00	700.00	.00	.00	378.76	321.24	54	1,136.68
0417.000	Tool Allowance	150.00	.00	150.00	.00	.00	.00	150.00	0	147.92
0419.001	Automotive Parts	20,000.00	.00	20,000.00	1,217.08	.00	6,127.49	13,872.51	31	31,904.21
0419.003	Cleaning/Sanitary	5,000.00	.00	5,000.00	237.18	2,688.02	237.18	2,074.80	59	909.91
0419.005	Tools & Machine Parts	77,500.00	.00	77,500.00	4,627.23	3,934.14	23,888.88	49,676.98	36	68,667.46
0419.006	Construction/Repair	174,000.00	.00	174,000.00	2,334.84	15,875.06	53,362.45	104,762.49	40	178,948.13
0419.009	Misc Chemicals	361,000.00	.00	361,000.00	36,843.51	73,257.67	142,921.65	144,820.68	60	347,499.53
0419.010	Laboratory	31,000.00	.00	31,000.00	199.58	5,123.51	4,763.84	21,112.65	32	28,357.67
0419.599	Undesignated Supplies	9,450.00	.00	9,450.00	546.45	964.70	2,843.64	5,641.66	40	5,372.37
0421.001	Phone Extension Chgs	25,000.00	.00	25,000.00	1,860.95	.00	7,445.24	17,554.76	30	23,416.55
0421.002	Wireless Services	16,000.00	.00	16,000.00	1,078.07	.00	4,523.67	11,476.33	28	12,869.93
0422.000	Light & Power	500,000.00	.00	500,000.00	55,378.97	.00	238,089.11	261,910.89	48	595,469.46
0423.000	Water/Sewer	698,000.00	.00	698,000.00	.00	.00	168,451.54	529,548.46	24	690,380.68
0424.000	Gas	20,000.00	.00	20,000.00	1,830.61	.00	9,322.08	10,677.92	47	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	4,918.00	.00	97,052.95	(31,552.95)	148	60,495.65
0440.003	Motor Vehicle Equipment	84,000.00	.00	84,000.00	6,302.80	.00	31,513.99	52,486.01	38	77,979.04
0440.599	Undesignated Leases	1,050.00	.00	1,050.00	89.80	.00	494.69	555.31	47	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	.00	.00	1,001.10	2,998.90	25	4,006.10
0442.003	Motor Vehicle Equip Rentl	5,000.00	8,306.00	13,306.00	446.50	.00	5,992.60	7,313.40	45	5,326.87
0442.599	Undesignated Rentals	5,000.00	.00	5,000.00	209.15	810.08	989.92	3,200.00	36	2,127.61
0444.000	Repair Of Equipment	23,700.00	.00	23,700.00	.00	598.12	3,537.44	19,564.44	17	23,127.87
0446.000	Computer Services	4,000.00	.00	4,000.00	349.97	.00	1,749.86	2,250.14	44	4,199.68
0446.008	Software Maint/Licenses	335,000.00	.00	335,000.00	17,230.41	64,941.54	212,291.89	57,766.57	83	242,699.33
0449.000	Billing & Collection	42,500.00	.00	42,500.00	3,429.72	.00	17,148.56	25,351.44	40	42,642.65
0449.001	Sludge Removal	80,000.00	.00	80,000.00	.00	.00	.00	80,000.00	0	11,945.42
0449.003	Waste Disposal	.00	.00	.00	.00	.00	.00	.00	+++	427.78
0449.500	Safety-Contractual	1,300.00	.00	1,300.00	.00	.00	.00	1,300.00	0	1,927.50
0449.599	Undesignated Services	830,000.00	(1,500.00)	828,500.00	715.38	8,971.73	733,676.79	85,851.48	90	788,522.91
0451.000	Consultants	63,000.00	.00	63,000.00	2,714.59	.00	23,358.83	39,641.17	37	52,064.60
0454.000	Attorney Services	50,000.00	.00	50,000.00	7,050.39	.00	17,729.10	32,270.90	35	51,278.42
0461.000	Postage	20,000.00	.00	20,000.00	5,760.46	.00	13,629.58	6,370.42	68	18,216.56
0463.000	Travel & Training Expense	13,800.00	.00	13,800.00	1,797.00	.00	2,212.20	11,587.80	16	6,099.99
0465.000	Laundry & Cleaning	3,000.00	.00	3,000.00	126.52	367.40	632.60	2,000.00	33	.00
0467.000	Advertising	500.00	.00	500.00	44.94	.00	126.54	373.46	25	352.43
0471.000	Recruitment Expenditures	800.00	.00	800.00	.00	.00	.00	800.00	0	458.98
	<i>Contractual Expenses Totals</i>	\$3,755,400.00	\$6,806.00	\$3,762,206.00	\$161,554.71	\$177,947.23	\$1,847,453.42	\$1,736,805.35	54%	\$3,576,962.49



Expense Budget Performance Report

Fiscal Year to Date 05/31/21

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									
	EXPENSE									
	<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	(2,199.22)	264,199.22	-1	241,731.08
0830.000	Life Insurance	8,931.00	.00	8,931.00	830.09	.00	4,357.23	4,573.77	49	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	112,892.66	.00	618,051.30	954,830.70	39	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	311.24	.00	1,602.08	2,637.92	38	3,793.62
0865.000	Chiropractic Insurance	2,200.00	.00	2,200.00	240.00	.00	800.00	1,400.00	36	1,360.00
	<i>Employee Benefits Totals</i>	\$2,127,394.00	\$0.00	\$2,127,394.00	\$114,795.81	\$0.00	\$675,989.31	\$1,451,404.69	32%	\$1,922,732.22
	<i>Employee Benefit - FICA</i>									
0810.000	Social Security	215,454.00	.00	215,454.00	21,085.36	.00	82,070.58	133,383.42	38	202,487.51
	<i>Employee Benefit - FICA Totals</i>	\$215,454.00	\$0.00	\$215,454.00	\$21,085.36	\$0.00	\$82,070.58	\$133,383.42	38%	\$202,487.51
	<i>Interfund Transfers</i>									
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	8,067.57	.00	46,485.81	2,011,165.19	2	2,945,486.00
	<i>Interfund Transfers Totals</i>	\$2,662,149.00	\$0.00	\$2,662,149.00	\$8,067.57	\$0.00	\$46,485.81	\$2,615,663.19	2%	\$3,962,807.20
	EXPENSE TOTALS	\$11,543,269.00	\$4,126.00	\$11,547,395.00	\$592,218.08	\$183,437.85	\$3,757,940.21	\$7,606,016.94	34%	\$12,427,458.62
Fund	FA - Water Board - Water Totals	\$11,543,269.00	\$4,126.00	\$11,547,395.00	\$592,218.08	\$183,437.85	\$3,757,940.21	\$7,606,016.94		\$12,427,458.62
	Grand Totals	\$11,543,269.00	\$4,126.00	\$11,547,395.00	\$592,218.08	\$183,437.85	\$3,757,940.21	\$7,606,016.94		\$12,427,458.62



Expense Budget Performance Report

Fiscal Year to Date 05/31/21

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	FGB - Water Board									
	EXPENSE									
	<i>Contractual Expenses</i>									
0419.599	Undesignated Supplies	2,000.00	.00	2,000.00	350.99	.00	1,334.91	665.09	67	4,679.07
0451.000	Consultants	35,000.00	.00	35,000.00	.00	.00	36,647.50	(1,647.50)	105	47,446.67
0454.000	Attorney Services	100,000.00	(200.00)	99,800.00	385.00	.00	26,670.50	73,129.50	27	212,383.95
0459.000	Auditors	28,000.00	.00	28,000.00	.00	.00	19,000.00	9,000.00	68	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	375.00	6,675.00	5	4,014.00
	<i>Contractual Expenses Totals</i>	\$172,300.00	\$0.00	\$172,300.00	\$735.99	\$0.00	\$84,049.95	\$88,250.05	49%	\$285,523.69
	EXPENSE TOTALS	\$172,300.00	\$0.00	\$172,300.00	\$735.99	\$0.00	\$84,049.95	\$88,250.05	49%	\$285,523.69
Fund	FGB - Water Board Totals	\$172,300.00	\$0.00	\$172,300.00	\$735.99	\$0.00	\$84,049.95	\$88,250.05		\$285,523.69
	Grand Totals	\$172,300.00	\$0.00	\$172,300.00	\$735.99	\$0.00	\$84,049.95	\$88,250.05		\$285,523.69

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	-	(2,432,981.82)	2,225,401.67	(207,580.15)	872,159.27	1,269,790.07
	X4445	Grants	56,308.39	-	-	-	-	56,308.39	-
		Totals	9,526,085.70	2,936,441.23	(3,023,050.97)	-	(86,609.74)	9,439,475.96	11,179,454.78

MONTH	ACCT #	Account Name	STARTING VALUE	DEPOSITS	WITHDRAWALS	TRANSFERS	NET CHANGE IN VALUE	MONTH ENDING VALUE	PY MONTH ENDING VALUE
FEBRUARY	X4873	Board Expense Account	91,624.82	-	-	-	-	91,624.82	91,624.82
	X4881	O&M Reserve	5,026,155.08	-	-	(2,637.00)	(2,637.00)	5,023,518.08	5,228,792.08
	X4899	Depository	2,973,320.83	2,537,263.19	-	(3,578,811.03)	(1,041,547.84)	1,931,772.99	4,196,124.61
	X9220	Depository-Keybank	297,702.76	165,912.19	(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	14,750.50
	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	3,453,033.14
	X9220	Depository-Keybank	210,550.98	161,772.38	-	-	161,772.38	372,323.36	175,589.33
	X4906	Payroll	105,789.51	-	(495,051.12)	498,940.53	3,889.41	109,678.92	107,968.49
	X4914	Benefits	14,624.50	-	(10,013.00)	8,042.00	(1,971.00)	12,653.50	8,510.50
	X0643	Operating	1,506,721.21	-	(1,706,271.82)	1,879,201.50	172,929.68	1,679,650.89	892,955.82
	X4445	Grants	598,755.30	-	-	-	-	598,755.30	-
		Totals	8,738,522.83	3,236,283.92	(2,211,335.94)	(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	(3,018,973.61)	0.00	(633,592.38)	9,129,878.43	11,427,815.17

BANK ON BUFFALO- 2643

Treasury Reconciliation FY 2021

MONTH	STARTING VALUE	DEPOSITS/WITHDRAWALS	TRANSFERS	NET CHANGE IN VALUE	MONTH ENDING VALUE	PY MONTH ENDING VALUE
JAN	17,503,800.30	-	-	(5,802.15)	17,497,998.15	21,632,403.94
FEB	17,497,998.15	(2,853.35)	-	2,740.10	17,497,884.90	21,678,437.43
MAR	17,497,884.90	(10,054.95)	-	8,536.63	17,496,366.58	21,793,908.42
APR	17,496,366.58	(12,723.72)	-	4,836.30	17,488,479.16	21,792,858.07
MAY	17,488,479.16	(15,283.23)	-	(3,177.87)	17,470,018.06	21,811,712.29
JUN						
JUL						
AUG						
SEP						
OCT						
NOV						
DEC						

FY TOTAL

Wilmington Trust

BANK BALANCES-FY 2021

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

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

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

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

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

BANK PAID DATE	Req #	Date	PP # of #	VENDOR	Project Name	DESCRIPTION	INVOICE	AMOUNT	CIP FUNDING ACCOUNT	Received-Completed	Sent to Wilmington
5/10/2021	2021-059	3/25/2021	1-Final	Ferguson Electric	Numerous	Temporary Trailer Service	138332	\$ 39,398.13	WWTP-17	4/29/21-5/2/21	5/7/2021
5/10/2021	2021-060	3/31/2021	10(13)	Ferguson Electric	Effluent Disinfection	Effluent Disinfection System	15688-9	\$ 472.00	WWTP-6	4/29/21-5/2/21	5/7/2021
5/10/2021	2021-061	3/26/2021	10	AECOM	Consent Order Services	Consent Order Services	2000482751	\$ 4,213.70	C-5	4/29/21-5/6/21	5/7/2021
5/10/2021	2021-062	11/25/2020	8	AECOM	Consent Order Services	CO Services Exclusive of 11&14	2000432530	\$ 18,908.18	WWTP-4D	4/29/21-5/6/21	5/7/2021
5/10/2021	2021-063	2/5/2021	10	AECOM	Consent Order Services	CO Services Exclusive of 11&14	2000458262	\$ 11,894.82	WWTP-4D	4/29/21-5/6/21	5/7/2021
5/10/2021	2021-064	4/13/2021	12	AECOM	Consent Order Services	CO Services Exclusive of 11&14	2000482600	\$ 8,239.32	WWTP-4D	4/29/21-5/6/21	5/7/2021
5/10/2021	2021-065	4/14/2021	4	AECOM	Consent Order Services-Pilot Scale Testing Evaluation	Pilot Scale Testing Evaluation-Professional Services	2000483122	\$ 1,081.48	WWTP-17	4/29/21-5/6/21	5/7/2021
5/10/2021	2021-066	3/8/2021	8	AECOM	WWTP Rehab 4F-Chemical Improvements	Effluent Disinfection System Design & Construction	2000469602	\$ 3,380.50	WWTP-6	4/29/21-5/6/21	5/7/2021
5/10/2021	2021-067	2/5/2021	8	AECOM	Carbon & Support Gravel	Professional Services	2000458318	\$ 9,694.94	WWTP-4	4/29/21-5/6/21	5/7/2021
5/10/2021	2021-068	3/4/2021	9	AECOM	Carbon & Support Gravel	Professional Services	2000468718	\$ 2,388.50	WWTP-4	4/29/21-5/6/21	5/7/2021
5/10/2021	2021-069	4/13/2021	10	AECOM	Carbon & Support Gravel	Professional Services	2000482615	\$ 349.50	WWTP-4	4/29/21-5/6/21	5/7/2021
5/10/2021	2021-070	4/15/2021	1	Hohl	Gen/Mech	Insurance/General/Structural Steel Materials	179421-01	\$ 45,801.02	WWTP-3	4/29/21-5/6/21	5/7/2021
5/10/2021	2021-071	3/30/2021	21	Kaman Automation	SCADA Upgrades	SCADA Upgrade	CTR0043386	\$ 7,532.90	WWTP-10	4/29/21-5/6/21	5/7/2021
5/10/2021	2021-072	3/30/2021	22	Kaman Automation	SCADA Upgrades	SCADA Upgrade-Engineering, Installation & Startup	CTR0043385	\$ 58,035.99	WWTP-10	4/29/21-5/6/21	5/7/2021
5/10/2021	2021-073	3/31/2021	7	CIR Electric	Gorge Pump Station Rehab	Gorge Pump Station Rehab-Electrical	42430	\$ 6,821.00	WWTP-2	4/29/21-5/6/21	5/7/2021
5/10/2021	2021-074	4/8/2021		CIR Electric	Electrical	Electrical Construction	42431	\$ 9,681.45	WWTP-3	4/29/21-5/6/21	5/7/2021
5/10/2021	2021-075	3/1/2021	5	EI Team	Replacement of Critical Heating & Ventilation Equipment	Bidding for project	23579	\$ 6,296.25	WWTP-7	4/29/21-5/6/21	5/7/2021
5/10/2021	2021-076	3/1/2021	6	EI Team	Electrical Systems Improvements	Electrical Design	23572	\$ 33,407.50	WWTP-5	4/29/21-5/6/21	5/7/2021
5/10/2021	2021-077	3/4/2021		JM Davidson Engineering	Interior Pipe process improvement	Professional Services	21021	\$ 23,572.50	WWTP-9	4/29/21-5/6/21	5/7/2021
5/10/2021	2021-078	4/12/2021		JM Davidson Engineering	Interior Pipe process improvement	Professional Services	21038	\$ 9,132.50	WWTP-9	4/29/21-5/6/21	5/7/2021
5/10/2021	2021-079	3/4/2021	2	JM Davidson Engineering	Exterior Pipe process improvement	Professional Services	21022/21027	\$ 17,095.00	WWTP-11	4/29/21-5/6/21	5/7/2021
5/10/2021	2021-080	4/12/2021		JM Davidson Engineering	Exterior Pipe process improvement	Professional Services	21039/21040	\$ 8,417.50	WWTP-11	4/29/21-5/6/21	5/7/2021
5/10/2021	2021-081	4/16/2021	Retainage	Mark Cerrone	Sewer Repair	22nd & Niagara Retention		\$ 1,396.75	S-8	4/29/21-5/6/21	5/7/2021
5/10/2021	2021-082	2/27/2021	21	GHD	Gorge Pump Station Rehab	Reporting & Construction Administration	83537	\$ 8,646.66	WWTP-2	4/29/21-5/6/21	5/7/2021
5/10/2021	2021-083	3/27/2021	22	GHD	Gorge Pump Station Rehab	Reporting & Construction Administration	83889	\$ 9,332.45	WWTP-2	4/29/21-5/6/21	5/7/2021
5/10/2021	2021-084	2/17/2021	10	Arcadis	WWTP project 3	Construction Administration	34216774	\$ 14,510.00	WWTP-3	4/29/21-5/6/21	5/7/2021
5/10/2021	2021-085	3/10/2021	11	Arcadis	WWTP project 4	Construction Administration	34220620	\$ 8,568.13	WWTP-3	4/29/21-5/6/21	5/7/2021
5/10/2021	2021-086	4/13/2021		John W. Danforth	Gorge Pump Station Rehab	Heating & Ventilation	PB108086	\$ 442,937.50	WWTP-2	4/29/21-5/6/21	5/7/2021
5/17/2021	2021-028	12/31/2020		AECOM	Consent Order Services-Pilot Scale Testing Evaluation	Pilot Scale Testing Evaluation-Professional Services	2000448989	\$ 5,288.77	WWTP-17	2/8/21-2/9/21	5/14/2021
5/17/2021	2021-029	12/31/2020	7	AECOM	Carbon & Support Gravel	Professional Services	200048215	\$ 5,984.00	WWTP-4	2/8/21-2/9/21	5/14/2021
5/17/2021	2021-030	1/31/2021	10	Mollenberg-Betz	Effluent Disinfection	Effluent Disinfection System-Construction	39132	\$ 6,913.31	WWTP-6	2/11/21-2/11/21	5/14/2021
5/17/2021	2021-031	1/31/2021	8(11)	Ferguson Electric	Effluent Disinfection	Effluent Disinfection System	15688-8	\$ 9,524.99	WWTP-6	2/11/21-2/11/21	5/14/2021
5/17/2021	2021-032	1/31/2021	1	CIR Electric	Electrical	Electrical Construction	42139	\$ 3,676.77	WWTP-3	2/16/21-2/17/21	5/14/2021
5/17/2021	2021-033	1/23/2021	20	GHD	Gorge Pump Station Rehab	Reporting & Construction Administration	83047	\$ 8,362.42	WWTP-2	2/16/21-2/17/21	5/14/2021
5/26/2021	2021-087	2/24/2021	23	Kaman Automation	SCADA Upgrades	SCADA Upgrade-Engineering, Installation & Startup	CTR0043081	\$ 8,988.20	WWTP-10	5/17/21-5/21/21	5/24/2021
5/26/2021	2021-088	4/30/2021	2	Lock City Supply	Hydrant Replacement	5 Ft. Hydrants	140684B	\$ 121,230.00	W-1	5/17/21-5/21/21	5/24/2021
5/26/2021	2021-089	4/30/2021	6	STC Construction	Gorge Pump Station Rehab	Gorge Pump Station General Contractor	6	\$ 167,437.50	WWTP-2	5/17/21-5/21/21	5/24/2021
5/26/2021	2021-090	4/30/2021	8	CIR Electric	Gorge Pump Station Rehab	Gorge Pump Station Rehab-Electrical	42561	\$ 5,942.25	WWTP-2	5/17/21-5/21/21	5/24/2021
5/26/2021	2021-091	4/28/2021	N/A	4th Generation	21" Combined Sewer-McKoon Ave	21" Combined Sewer-McKoon Ave	n.a.	\$ 62,320.00	S-8	5/17/21-5/21/21	5/24/2021
5/26/2021	2021-092	5/5/2021		CPL	Combined Projects-Miscellaneous	Professional Services-Capital Work Management	75088	\$ 28,954.46	C-5	5/17/21-5/21/21	5/24/2021
5/26/2021	2021-093	3/23/2021		CPL	Sediment Basins & Scum Removal	Professional Services	74282	\$ 13,226.30	WWTP-1	5/17/21-5/21/21	5/24/2021
								\$ 1,259,055.14			

NFWB Live

Budget Amendments Report

From Date: 5/1/2021 - To Date: 5/31/2021

Account	G/L Date	Journal	Description	Increases	Decreases	Amended Balance
Fund: GA Water Board - Sewer						
Department: 8130 Sewage Trtmt/Disposal						
Sub Department: 0100 Operations						
0449.599 - Undesignated Services				Amended Balance as of: 5/1/2021		\$15,500.00
	05/13/2021	2021-00001499	TO COVER PART FOR SCADA RDUNDANCY MODULE FOR SCADA PROCESSOR	\$1,500.00	\$0.00	\$17,000.00
				\$1,500.00	\$0.00	\$17,000.00
0463.000 - Travel & Training Expense				Amended Balance as of: 5/1/2021		\$3,000.00
	05/13/2021	2021-00001499	TO COVER PART FOR SCADA RDUNDANCY MODULE FOR SCADA PROCESSOR	\$0.00	\$1,500.00	\$1,500.00
				\$0.00	\$1,500.00	\$1,500.00
Sub Department: 0100 Operations Totals:				\$1,500.00	\$1,500.00	
Department: 8130 Sewage Trtmt/Disposal Totals:				\$1,500.00	\$1,500.00	
Fund Totals: Water Board - Sewer				\$1,500.00	\$1,500.00	
Grand Totals:				\$1,500.00	\$1,500.00	



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

1. Treatment & Plant Maintenance

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

OPERATIONS AND MAINTENANCE

Total water production for the month of May was 672 million gallons. The average daily water production was 21.7 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	0	0	0	0	0	0	0
JUL	0	0	0	0	0	0	0
AUG	0	0	0	0	0	0	0
SEP	0	0	0	0	0	0	0
OCT	0	0	0	0	0	0	0
NOV	0	0	0	0	0	0	0
DEC	0	0	0	0	0	0	0
TOTAL	3501551	34741	734300	87446	9374	21236	116035



2021 ANALYTICAL RESULTS

	RAW TURB NTU	RAW pH	PRE Cl2 RES.mg/l	POST Cl2 RES.mg/l	EFF TURB NTU	EFF pH	F. RES mg/l
JAN	8.8	8.1	0.63	1.23	0.023	7.6	0.72
FEB	7.3	8.1	0.57	1.23	0.020	7.5	0.72
MAR	5.8	8.1	0.56	1.24	0.015	7.5	0.71
APR	3.3	8.1	0.54	1.23	0.013	7.5	0.68
MAY	2.5	8.0	0.55	1.24	0.019	7.5	0.73
JUN							
JUL							
AUG							
SEP							
OCT							
NOV							
DEC							
AVG	5.5	8.1	0.57	1.23	0.018	7.5	0.71

Operations and Maintenance Highlights

All four Sedimentation Basins have been cleaned and maintenance performed on the TracVac systems.

Seaweed season is now upon us and will likely create some overtime on nights and weekends to keep the Traveling Screens and Collection Baskets from plugging with the seaweed.

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.



1.2. Wastewater – Bob Dunn, Chief Operator- updated 6/14/2021.

Non-Compliance Violations: NONE

Sampling notes: None

OPERATIONAL and MAINTENANCE- Highlights

The weekly O&M Meetings to discuss issues and progress have resumed. Covid protocols are being followed according to NFWB Guidelines. All departments are represented as well as Contractors who may have information to disclose to further progress. Facilitation of shared cost saving measures between the Outside Water and Sewer Group and Operations have resulted in regular removal of the contents of the Scum Building as well as between the basins.

Project #1 – Demolition of Basin #5 has begun. Maintenance and Electrical Personnel are removing as much of the material and equipment from the bridge and basin for use in the working basins. Concrete work/repair is underway as well as the slide gate replacement work. Also, work continues in the Scum building with spiral staircase and other equipment for the new screening process.

Project #2 – Gorge Pumping Station Rehab continues. Danforth has had some issues with the elevator, DCB is aware and working to resolve the issue(s). CIR continues electrical work as equipment arrives. STC waiting on some equipment but working on other items (wall coverings in Hydropneumatic Tank room) during the down time.

Project #3 – Polymer, Grit Screw Conveyor and Screening Conveyor progressing well. 2 old mix tanks have been demoed and removed and new steel structure being erected for the concrete slab(s) install. CIR running new conduit and wire chases for electrical wiring associated with project.

Projects #5 & 7- Items are still being sorted out to make the most of the available funds allocated for the projects and a meeting will be scheduled in the beginning of June.

Project #6 - Disinfection Project majority complete. Efforts are being made to fine tune the Hypo dosing, to make the best use of the chemical introduction at the proper time. The pump leaks due to orientation have been resolved and seem to be doing fine.

Project(s) #9 & 11 – Indoor/Outdoor Piping project Design has been finalized and is out on the streets for contractors. Pre-Bid Meeting was held, and a walk through was completed.

Operations and Maintenance personnel have continued to work diligently together, resulting in good overall plant performance and efficiency. Housekeeping remains a priority, to keep the facility looking good. All other Depts. are performing their duties as could be expected and overall plant condition is good.



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		697120	46.4
June														
July														
August														
September														
October														
November														
December														
Totals	24.96	43.60	12.20	1.9	3.1	10771.0	3022.0	14586.0	17615.0	113120	402.4	0	2269625	144.4

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



2. Pipes:

2.1. Sewer Collection & Water Distribution Michael Eagler, updated 6/10/2021

Sewer Collections System										
2021	Service Calls	Flushing (Feet)	UFPO Responses	Receivers Cleaned	Bypass Pumping (Hours)	Catch Basins	Man Holes	Main	Connections	Lateral
January	83	30402	576	177	12.10	4	2	0	5	0
February	101	21075	368	79	0.00	3	4	0	1	2
March	157	5271	826	203	0.00	2	3	1	2	0
April	178	23939	1061	121	0.00	6	5	2	4	2
May	90	31926	867	186	0.00	6	4	6	6	5
June										
July										
August										
September										
October										
November										
December										
Totals	609	112613	3698	766	12.1	21	18	9	18	9



Water Distribution													
2021	Main Breaks	Service Leaks	Curb Box Reset	Valve Repaired	Valve Replaced	Hydrant Replaced	Hydrant Repaired	Hydrant Flow	Hydrant Flush-Winterized	Hydrant Leaks	Hydrants out of Service	Misc. Service Calls	Concrete
January	8	9	9	3	3	7	6	0	329	0	0	83	3
February	10	8	7	0	0	2	1	0	368	0	0	101	11
March	6	13	5	9	7	7	1	0	510	0	0	157	19
April	10	14	12	1	5	9	1	0	439	0	0	128	7
May	4	9	13	1	1	9	1	22	0	0	0	90	14
June													
July													
August													
September													
October													
November													
December													
Totals	38	53	46	14	16	34	10	22	1646	0	0	559	54

52 Landscapes- 8585 feet camera-376 private laterals inspected. 245 man holes inspected.

3. Analytical Services

3.1 Water Laboratory –Patrick Fama, updated 06/02/2021

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

- May 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). All samples were within reporting limits.
- May quarterly sampling for Trihalomethanes and Haloacetic Acids was conducted, and all samples were within range. These samples were analyzed inhouse.



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: 6,647.
- No water main breaks were sampled in May. One community complaint required sampling. Results were all within normal limits.

3. Laboratory Concerns

- April 6th the DOH ELAP Assessor, Joann Salvin, conducted a virtual Laboratory Assessment. This is a biannual requirement. No significant findings were reported. The Laboratory submitted the required response on May 12, 2021. ELAP posted the assessment closeout letter May 13, 2021 with all responses found to be satisfactory.

-The laboratory Analyzed 44 Trihalomethanes and Haloacetic Acids samples for 17 Municipalities of Niagara County - The Laboratory also analyzed 9 samples for Total Organic Carbon and 9 required Wet chemistry analysis.

-The microbiology lab analyzed 16 samples from the Aquarium of Niagara's indoor and outdoor pools as well as three samples from the Village of Lewiston. All results were reported to the representative contacts.

- Revenue created to date is \$15,010.00.

3.2 Wastewater Laboratory - Brian Eldridge 6/11//2021

1. The data for May's State Pollutant Discharge Elimination System (SPDES) report is currently being compiled with no anticipated violations.
2. Sampling to comply with the Short-Term High Intensity study requested by the DEC was conducted throughout May. Samples were sent to Test America for analysis.
3. Second quarter WET testing was completed in May with samples being analyzed by BioAnalytic Laboratory Services.



4. Customers & Compliance

4.1. Meter Shop – Bob Reid Updated 6/14/21

MONTH:	WORK ORDERS	STOPPED METERS	Registers Replaced	SCRAPPED METERS	INDUSTRIAL METERS READ	RESIDENTIAL METERS READ
JANUARY	115	0	12	0	0	7191
FEBRUARY	91	2	9	0	0	5264
MARCH	125	1	7	0	565	5473
APRIL	90	0	4	0	0	7191
MAY	101	3	6	0	0	5260
JUNE						
JULY						
AUGUST						
SEPTEMBER						
OCTOBER						
NOVEMBER						
DECEMBER						
TOTAL	532	6	38	0	565	23188

METER READINGS:

DISTRICT 3	B.REID	M.MACRI	V.Virtuoso	J.PAUL	F.DERUBEIS	TOTAL
5/3/21	1369	1608				2977
5/4/21	960	527				1487
5/5/21	417	342				759
5/6/21					37	37
TOTAL	2746	2477			37	5260

Shop read 5260 residential meters for the month.



4.2. Industrial Monitoring / Enforcement – Joel Paradise updated 6/7/2021

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. As an offshoot of the Administrative Order on Consent June 26th, 2020 issued to SIU #50- Cascades Containerboard Packaging and due to steadily increasing production rates their discharge permit limits for TSS and SOC were increased as February 2, 2021. These limits are interim limits that will be evaluated monthly to see if the allocation as granted, was completely or partially warranted. 3 discharge permit exceedances are being investigated and Cascades was made aware that the Water Board will aggressively pursue any further discharge permit exceedances.
4. 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.
5. Renewed discharge permits were issued to SIU #47, Saint Gobain Advanced Ceramics 3/7/2021, and ICU #80 Plastic2Oil on 2/18/2021. The renewal application for SIU #61 was sent out on 4-19-2021. The format for SIU 18, SIU #18, SIU #61 and SIU #49 are in the process of being updated so that eventually all discharge permits will be similarly formatted.
6. 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.



Industrial Monitoring / Enforcement (continued)

7. 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)
8. 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.
9. 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.
10. 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.
11. Tuesday, June 8, 2021- the quarterly BHC sampling was successfully conducted without incident.

5. Support Services

5.1. Safety – AFI Environmental (Pat Ackerman) 5/11/2021

- Assisted with NYS DEC Audit at WWTP
- Calibrated 16 fixed gas meter sensors
- Ordered supplies for broken fixed gas meters, including:
 - RKI filters
 - O2 sensors
 - LEL sensors
 - Calibration gas for meter repair shop
- Performed fire extinguisher annual inspection on 89 fire extinguishers
- Working on quote for service needed as identified during annual inspection
- Conducted training on Slips, Trips, Falls/Walking, Working Surfaces and Heat Stress/Preventing Heat Related Injury at WTP & WWTP
- Conducted safety walkdowns/audits



6. Technical Services – Doug Williamson, updated 6/3/2021

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

The NFWB provided the DHSES a Schedule Extension Request letter for HMGP Project No.4204-0003, Phase II WWTP Protective Measures contract 68, based on the revised scope of work, on April 12th in order to proceed and possibly extend the grant for an additional 24 months.

A conference call was held with the DHSES and GHD on May 17th to discuss the revised design and the benefit to cost ratio required for the grant.

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

In May, we continued discussions regarding potential revisions to the LaSalle consent order. The final **Sanitary Sewer System Management Plan Year 12 Progress Evaluation** engineering report was submitted to the NYSDEC on September 11th and continues to be reviewed. We are planning to discuss the LaSalle Consent Order with the NYSDEC in June.

The 2021 NYSDEC EPG grant application was submitted on February 11th.

The Final WQIP Engineering Report for the LaSalle Sewer System Improvements was received on March 3rd from Arcadis.

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

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

Project 1 Sedimentation Basins and Scum Collection System Modification - construction demolition is ongoing.

Project 2 GPS Rehabilitation – construction has been ongoing with a few issues that are being addressed.

Project 3 Screenings and Grit Transport Equipment Improvements – progress meeting no.3 was held on May 4th and construction is ongoing.

Project 5 Electrical System Improvements bid documents were received on April 28th. The project was advertised for bids on May 28th.

Project 7 Replacement of Critical Heating & Ventilation Equipment – HVAC and Electrical construction re-bids and revised scope of work were approved at the March Board meeting. A pre-construction meeting has not been scheduled yet.

Project 9 & 11 Process Piping Improvements Project 11 bid opening was held on May 12th at 10 am. A pre-bid meeting was held on May 25th for project no.9.



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

Items:

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

The WWTP chlorine dioxide study was approved by the NYSDEC and AECOM's pilot operations and testing is planned to start in the summer of 2021.

In May, we continued discussions regarding the NYSDEC permit revisions. We received a Request for Additional Sampling on March 25th from the NYSDEC to collect 10 effluent samples of normal discharge conditions and treatment operations that needs to be provided within 90 days.

WWTP and Chemical Bulk Storage Tanks:

We received a second Notice of Violation from the NYSDEC for the WWTP Chemical Bulk Storage (CBS) Program on November 5th. The corrective actions were provided to the Region 9 office on December 7th. Updates on the progress were provided to the NYSDEC on January 21st and March 31st.

In May, we have been continuing with the corrective actions.

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

A project kick-off meeting was held with GHD on May 25th.

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

The Spring of 2021 Town of Niagara sewer flow monitoring (4-week period) was completed on April 12th, 2021, and the average flow calculation was determined.

7. **Stormwater Management**

The draft Annual Stormwater report was made available for review and comment until the May Board meeting. The Final report was submitted to the NYSDEC on May 25th. The WNYSC did not meet in May.

8. **Engineering Support**

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

9. **Capital Improvement Projects:**

In May, the **5 Year Capital Improvement Plan** and projects continued to be evaluated, updated, and reviewed as needed with NFWB staff.



2020 OXIDIZER BUDGET

BUDGET = \$2,050,000.00 for year

COST = \$661,387.56 to date

% USED = 32.26% to date

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

COST = \$5,511.56 per day avg. **\$165,346.89** per month avg.

23.7 **Flow (MGD)** **120** **total days**



WWTP DATA		OXIDIZER USEAGE				SLUDGE REMOVAL			
MONTH	FLOW (MG)	H2O2 (GAL)	NaOCl (GAL)	GAL PER MG FLOW	TOTAL ESTIMATED COST	LANDFILL SLUDGE (TONS)	SOLIDS THROUGH PUT (%)	FERRIC CHLORIDE (TONS)	LIME (TONS)
Jan-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									
Jun-2021									
Jul-2021									
Aug-2021									
Sep-2021									
Oct-2021									
Nov-2021									
Dec-2021									
TOTALS	2,844.2	0	1,672,705	607	\$661,387.56	2,299.1	85.5	159.6	270.3

Low value for year

High value for year

7. SECURITY REPORT—Bill Wright 6/10/2021

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



8. INFORMATION TECHNOLOGY (I.T.) 6/11/2021

VMware Environment – Joe - No issues to report.

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

Exchange Office 365 – Joe - No issues to report.

Network WTP – Dino - All systems up.

Network WWTP – Dino/Joe - WWTP we have started to replace the switches on 6/15/21, we completed the more complex areas and will finish the rest of the plant over the next 2 weeks.

Network Gorge – Dino - All systems up.

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

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

GPS – Joe – No issues to report.

Security Camera's – Bill-Carl-Clayton-Joe – have been working on logistics and looking over multiple deployment options to discuss the next steps. Please refer to Bill/Clayton/Carl for additional information.

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



MINUTES
Meeting of the Niagara Falls Water Board
May 24, 2021 at 5:00 p.m.

Note: This meeting was held via conference call pursuant to Governor Cuomo's Executive Order 202.1 as extended by Executive Order 202.105.

1. Attendance and Preliminary Matters

Chairman Forster called the meeting to order at 5:03 p.m.

a. Asklar (Board Member/Chairman of Finance) **P**

Forster (Chairman) **P**

Kimble (Board Member) **P**

Larkin (Board Member/Vice Chairwoman/Governance Chairwoman) **P**

Leffler (Board Member) **P**

b. Comments from Chairman Forster

There were no comments from the Chairman.

c. Letters and Communications

There were no letters/communications to discuss.

d. Public Comments on Draft Annual Stormwater Report

The public was given the opportunity to offer oral comment, no one commented.

- e. Other Public Comment (Public comments other than those on the Draft Annual Stormwater Report were to be submitted in writing by 12:00 p.m. on May 24, 2021 to be read by the Secretary.)

None.

f. Approval of Minutes

i. Draft Minutes for April 22, 2021 Special Meeting

Motion by Board Member Larkin and seconded by Board Member Kimble to approve the April 22, 2021 special meeting minutes.

Asklar __Y__ Forster __Y__ Kimble __Y__ Larkin __Y__ Leffler __Y__

Motion carried, 5-0.

ii. Draft Minutes for April 26, 2021 Meeting

Motion by Board Member Asklar and seconded by Board Member Larkin to approve the April 26, 2021 special meeting minutes.

Asklar __Y__ Forster __Y__ Kimble __Y__ Larkin __Y__ Leffler __Y__

Motion carried, 5-0.

iii. Draft Minutes for May 3, 2021 Special Meeting

Motion by Board Member Kimble and seconded by Board Member Leffler to approve the May 3, 2021 special meeting minutes.

Asklar __Y__ Forster __Y__ Kimble __Y__ Larkin __Y__ Leffler __Y__

Motion carried, 5-0.

iv. Draft Minutes for May 4, 2021 Special Meeting

Motion by Board Member Leffler and seconded by Board Member Larkin to approve the May 4, 2021 special meeting minutes.

Asklar __Y__ Forster __Y__ Kimble __Y__ Larkin __Y__ Leffler __Y__

Motion carried, 5-0.

v. Draft Minutes for May 5, 2021 Special Meeting

Motion by Board Member Leffler and seconded by Board Member Larkin to approve the May 5, 2021 special meeting minutes.

Asklar __Y__ Forster __Y__ Kimble __Y__ Larkin __Y__ Leffler __Y__

Motion carried, 5-0.

2. Acting Executive Director – Sean Costello

Mr. Costello had nothing further to discuss.

3. Superintendent – William Wright

a. City Cooperation – Tree Removal and Crack Filling

Mr. Wright expressed his appreciation for the City's assistance in removing four trees at 81st and Stephenson St., and the City also has assisted the NFWB with parking lot sealing.

4. Engineering – Douglas Williamson

a. Updates

i. Bollier Ave. Grant Reimbursement

Mr. Williamson states the EFC received all necessary documentation regarding the \$240,000.00 grant reimbursement.

ii. Grant Funded Water Line Projects

Mr. Williamson states the survey data has been received.

5. Personnel Items – John Accardo

Mr. Accardo states that 51% of the NFWB work force has been vaccinated.

Chairman Forster states the board will re-visit in the future its protocols regarding mask wearing.

a. April 26, 2021 Personnel Actions Sheet

6. Information Technology (IT) – Sean Costello

Mr. Costello states there is nothing new to report.

7. Finance – Brian Majchrowicz

Mr. Majchrowicz states there is nothing new to report.

8. Questions Regarding April 2021 Operations and Maintenance Report

No questions were asked regarding the April 2021 O&M report.

9. Safety – Sean Costello

Mr. Costello states there is nothing substantive to report.

10. General Counsel and Secretary – Sean Costello

Mr. Costello states there is nothing new to report.

Board member Askar questions if there is any update regarding the Love Canal litigation.

Mr. Costello states there is no further update to report.

11. From the Chairman

Chairman Forster states he has nothing new to report.

12. Resolutions

2021-05-001 – REQUIRING USE OF SAFETY SHOES

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

Askar __Y__ Forster __Y__ Kimble __Y__ Larkin __Y__ Leffler __Y__

Motion carried, 5-0.

**2021-05-002 – EXTENSION OF AGREEMENT WITH BROKER FOR WORKERS
COMPENSATION, PROPERTY, AND LIABILITY INSURANCE**

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

Asklar __Y__ Forster __Y__ Kimble __Y__ Larkin __Y__ Leffler __Y__

Motion carried, 5-0.

**2021-05-003 – APPROVING DEDUCTION OF SEWER CHARGES FOR WATER USED
FOR IRRIGATION – NIAGARA GOLF PARTNERS LLC**

- a. Niagara Golf Partners Cover Letter and Engineering Report
- b. 2017-2020 Usage on Golf Course Irrigation Meter

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

Asklar __Y__ Forster __Y__ Kimble __N__ Larkin __Y__ Leffler __Y__

Motion carried, 4-1.

**2021-05-004 – BANK ON BUFFALO DEPOSITORY ACCOUNT AND AUTHORIZED
SIGNERS RESOLUTIONS**

- a. Separate Resolutions for Seven Accounts

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

Asklar __Y__ Forster __Y__ Kimble __Y__ Larkin __Y__ Leffler __Y__

Motion carried, 5-0.

**2021-05-005 – AWARD BID FOR WWTP PROJECT 11, EXTERIOR PROCESS PIPING
IMPROVEMENTS**

- b. Bid Tabulation and Award Recommendation Letter

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

Asklar __Y__ Forster __Y__ Kimble __Y__ Larkin __Y__ Leffler __Y__

Motion carried, 5-0.

2021-05-006 – USE OF NYPA RELICENSING SETTLEMENT AGREEMENT FUNDS FOR CAPITAL PROJECTS

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

Asklar __Y__ Forster __Y__ Kimble __Y__ Larkin __Y__ Leffler __Y__

Motion carried, 5-0.

WALK-ON RESOLUTIONS

Motion by Board Member Kimble and seconded by Board Member Larkin to wave the agenda deadline to consider Resolutions W-2021-05-007, W-2021-05-008, and W-2021-05-009.

Asklar __Y__ Forster __Y__ Kimble __Y__ Larkin __Y__ Leffler __Y__

Motion carried, 5-0.

RESOLUTION W-2021-05-007 – RENEWAL OF PERMA WORKERS' COMPENSATION POLICY

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

Asklar __Y__ Forster __Y__ Kimble __Y__ Larkin __Y__ Leffler __Y__

Motion carried, 5-0.

RESOLUTION W-2021-05-008 – ESTABLISHING EXECUTIVE STAFF REVIEW COMMITTEE

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

Asklar __Y__ Forster __Y__ Kimble __Y__ Larkin __Y__ Leffler __Y__

Motion carried, 5-0.

Chairman Forster noted that Board Member Larkin has agreed to chair the Executive Staff Review Committee.

Motion by Board Member Asklar and seconded by Board Member Kimble to appoint Board Member Larkin as Chairperson for the Executive Staff Review Committee.

Asklar __Y__ Forster __Y__ Kimble __Y__ Larkin __Y__ Leffler __Y__

Motion carried, 5-0.

**RESOLUTION W-2021-05-009 – APPOINTING DR. ABDERRAHMAN ZEHRAOUI
EXECUTIVE DIRECTOR**

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

Asklar __Y__ Forster __Y__ Kimble __Y__ Larkin __Y__ Leffler __Y__

Motion carried, 5-0.

Chairman Forster, on behalf of the entire Board, thanked Mr. Costello for his commitment to the Water Board. It has been extra work for him on and off since August of last year as he not only served as the Acting Executive Director, Counsel, and Secretary, he has filled in with HR and assisted with answering questions on budgets and grants and more.

Chairman Forster, on behalf of the entire Board, also shows appreciation to the entire staff of the Niagara Falls Water Board.

Last, Chairman Forster expressed appreciation toward his fellow Board members, for coming together and for all of the hours invested in seeking an Executive Director. They all attended many special meetings, and much more work besides that is unseen and may not be appreciated by the public at large.

Dr. Zehraoui thanked the Board for his selection. It will be his pleasure to serve as Executive Director and to work with all Board members and department heads.

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 4/26/21.

b. Roof Study

- Jay Meyers from CPL stated this project is approximately 96% complete.
- Further review is needed in some areas – will be sure to report all findings to the board as soon as they are made available -- discussed at board meeting held on 4/26/21.

c. Beech Ave. Water Tower

- Jay Meyers explains some modeling work is needed along with finalizing ideas for an ideal location (possibly Buffalo Ave.)
- Beech Ave. is not an ideal location due to the need for a pump station.
- Cost to complete the study – approximately \$9,800 – discussed at board meeting held on 4/26/21.

d. Caulking Project WTP

- Exterior caulking of the WTP was completed in 2020.
- Interior caulking of the WTP is now needed
- Mr. Costello was tasked to solicit bids – requesting CPL to prepare the specifications.
- - discussed at board meeting held on 4/26/21.

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 4/26/21.

f. Lift Station Roofs

- Mr. Costello has been in contact with the maintenance department regarding the work that is needed; would prefer to keep the work in-house if possible - discussed at board meeting held on 4/26/21.

g. Program Logic Controller (PLC)

- (1) showing a processor error, (2) showing error - discussed at board meeting held on 4/26/21.

h. 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
- WTP Chief Operator (Rob Rowe) met with Fluid Kinetics to discuss options.
- CPL to provide drawings (April 2021) for submittal to DOH - discussed at board meeting held on 4/26/21.

i. Emergency Backup Generators

- In need of repair – multiple issues with transfer gear and controls.
- 1 unit has been determined to need radiator parts/replacements.
- 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).

j. 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 4/26/21.

k. Replacement of the outdated CO2 detection system.

- Units are in house for installation and work is progressing (unknown).
- - discussed at board meeting held on 4/26/21.

l. Backflow Preventers

- Need to be tested/repaired/replaced yearly or as necessary.
- Larger units may cause the plant to lose chlorine capabilities – will now be tied in with chlorine system – experiencing pressure related issues on the Plant Water line.
- Work may need to be subcontracted if in-house staff is unable to complete the necessary repairs.
- - discussed at board meeting held on 4/26/21.

m. Interior Lighting

- High lift room has been updated by Ferguson Electric.
- Low lift room to be completed next – will likely be completed by Ferguson Electric due to the safety concerns of completing the work in-house.
- - discussed at board meeting held on 4/26/21.

n. HVAC Rooftop & Make Up Air

- Outdated units – need replacements – 4 out of the 5 units are inoperable.
- AC-1 – rooftop unit over Operations Control Room is now replaced and awaiting final installation items. Startup to be completed shortly (10/16/2018).
- 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.

o. 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.
- In-house work completed regarding the necessary pipes and valves. SOP's have also been created for the new completed system.
- PACL liners have been replaced (unknown).
- - discussed at board meeting held on 4/26/21.

p. Bulk Chemical Storage Liners

- PACL liners complete – contractor has concerns about Fluoride toxicity. Maintenance department to follow up.
- - discussed at board meeting held on 4/26/21.

14. New Business & Additional Items for Discussion

- a. Complimentary Automated Meter Infrastructure (“AMI”) Propagation Study by Neptune**
- b. Board Member Asklar – WWTP Break Room, Bathroom, and Shower Area Improvements**

15. Executive Session (if needed)

The board did not enter executive session.

16. Adjournment of Meeting

Motion by Board Member Kimble and seconded by Board Member Asklar to adjourn the meeting at 5:47 p.m.

Asklar __Y__ Forster __Y__ Kimble __Y__ Larkin __Y__ Leffler __Y__

Motion carried, 5-0.

NIAGARA FALLS WATER BOARD RESOLUTION # 2021-06-001

**GENERATOR PREVENTATIVE MAINTENANCE SERVICE AGREEMENT
WITH KINSLEY POWER SYSTEMS**

WHEREAS, the Niagara Falls Water Board (“Water Board”) has installed nine Kohler brand generators to provide emergency backup power at its lift stations and other locations; and

WHEREAS, these Kohler generators require annual preventative maintenance to ensure their reliable performance and extend their service life; and

WHEREAS, Kinsley Power Systems, the authorized Kohler distributor and original equipment installer, has submitted a May 27, 2021 proposal for a three-year preventative maintenance agreement which protects the Water Board from the possibility of uncontrolled cost increases during the term of the agreement;

NOW THEREFORE BE IT

RESOLVED, that on behalf of the Niagara Falls Water Board, its Executive Director hereby is authorized to contract with Kinsley Power Systems to perform annual generator preventative maintenance consistent with the terms of Kinsley’s May 27, 2021 proposal, with a yearly contract price in years one and two of \$8,340 and a year three price of \$8,665.

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

Water Board Budget Line or Capital Plan Item with Funds for this Resolution:
[To be determined prior to June 28 meeting]

On June 28, 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

Proposal



Quote Number	Project Name	Date
Q-21-2842	Niagara Falls Water Board	5/27/2021
From: Greg Frost 6200 East Molloy Road East Syracuse, NY 13057	Billing Info: Niagara Falls Water Board 5815 Buffalo Ave. Niagara Falls, NY 14304	
Phone: 860.500.9924	Phone: 716.283.9770	
Email: GFrost@kinsleypower.com	Contact: Mike Eagler	
Cell: 860.500.9924	Email: meagler@nfwb.org	

Summary

Kohler Generator: 80REZGC, SGM32LLK7 / Kohler ATS: KSS-AFTA-0200S, SGM32LDB9

Physical Address - Niagara Falls Water Board, **Lift Station #1**, 8018 Stephenson Ave, Niagara Falls, NY, 14304

Level 1 Service - Qty Per Year: 1, Price Per Service: \$325.00, Level 1 Total Yearly Price: **\$325.00**

Level 2 Service - Qty Per Year: 1, Price Per Service: \$535.00, Level 2 Total Yearly Price: **\$535.00**

Level 2 Service - Qty **3rd** Year: 1, Price Per Service: \$570.00, Level 2 Total Yearly Price: **\$570.00**

Kohler Generator: 30CCL, 22D7GMGM0002 / Kohler ATS: KEP-DCTA-0200S-MM, A334GMGL0274

Physical Address - Niagara Falls Water Board, **Lift Station #2**, Niagara Falls, NY, 14304

Level 1 Service - Qty Per Year: 1, Price Per Service: \$315.00, Level 1 Total Yearly Price: **\$315.00**

Level 2 Service - Qty Per Year: 1, Price Per Service: \$515.00, Level 2 Total Yearly Price: **\$515.00**

Level 2 Service - Qty **3rd** Year: 1, Price Per Service: \$515.00, Level 2 Total Yearly Price: **\$550.00**

Kohler Generator: 30CCL, 33D7GMGR0009 / Kohler ATS: KSS-AFNA-0600S, A333GMFP0398

Physical Address - Niagara Falls Water Board, **Lift Station #3**, 5815 Buffalo Ave, Niagara Falls, NY, 14304

Level 1 Service - Qty Per Year: 1, Price Per Service: \$315.00, Level 1 Total Yearly Price: **\$315.00**

Level 2 Service - Qty Per Year: 1, Price Per Service: \$515.00, Level 2 Total Yearly Price: **\$515.00**

Level 2 Service - Qty **3rd** Year: 1, Price Per Service: \$515.00, Level 2 Total Yearly Price: **\$550.00**

Kohler Generator: 60REZGB, SGM32LWGC / Kohler ATS: KSS-ACTA-0200S, SGM32LNFH

Physical Address - Niagara Falls Water Board, **Lift Station #4**, Luick Ave, Niagara Falls, NY, 14304

Level 1 Service - Qty Per Year: 1, Price Per Service: \$325.00, Level 1 Total Yearly Price: **\$325.00**

Level 2 Service - Qty Per Year: 1, Price Per Service: \$525.00, Level 2 Total Yearly Price: **\$525.00**

Level 2 Service - Qty **3rd** Year: 1, Price Per Service: \$525.00, Level 2 Total Yearly Price: **\$570.00**

Kohler Generator: 100REZGD, SGM32LLJZ / Kohler ATS: KSS-AMTA-0200S, SGM32LDBC

Physical Address - Niagara Falls Water Board, **Lift Station #6**, 8021 Frontier Ave, Niagara Falls, NY, 14304

Level 1 Service - Qty Per Year: 1, Price Per Service: \$325.00, Level 1 Total Yearly Price: **\$325.00**

Level 2 Service - Qty Per Year: 1, Price Per Service: \$565.00, Level 2 Total Yearly Price: **\$565.00**

Level 2 Service - Qty **3rd** Year: 1, Price Per Service: \$565.00, Level 2 Total Yearly Price: **\$600.00**

Proposal



Kohler Generator: 30CCL, 33D7GMGM0003 / Kohler ATS: KEP-DFTA-0100S-MM, A334GMGL0275

Physical Address - Niagara Falls Water Board, **Lift Station #7**, Niagara Falls, NY, 14304

Level 1 Service - Qty Per Year: 1, Price Per Service: \$315.00, Level 1 Total Yearly Price: **\$315.00**

Level 2 Service - Qty Per Year: 1, Price Per Service: \$515.00, Level 2 Total Yearly Price: **\$515.00**

Level 2 Service - Qty **3rd** Year: 1, Price Per Service: \$515.00, Level 2 Total Yearly Price: **\$550.00**

Kohler Generator: KG40, 33DGMG0006 / Kohler ATS: KEP-DCTA-100S-MM, A334GMGL0276

Physical Address - Niagara Falls Water Board, **Lift Station #8**, Niagara Falls, NY, 14304

Level 1 Service - Qty Per Year: 1, Price Per Service: \$315.00, Level 1 Total Yearly Price: **\$315.00**

Level 2 Service - Qty Per Year: 1, Price Per Service: \$515.00, Level 2 Total Yearly Price: **\$515.00**

Level 2 Service - Qty **3rd** Year: 1, Price Per Service: \$515.00, Level 2 Total Yearly Price: **\$550.00**

Kohler Generator: 120REOZT4, SGM32LK74 / ATS

Physical Address - Niagara Falls Water Board, 1200 Buffalo Ave, Niagara Falls, NY, 14304

Level 1 Service - Qty Per Year: 1, Price Per Service: \$325.00, Level 1 Total Yearly Price: **\$325.00**

Level 2 Service - Qty Per Year: 1, Price Per Service: \$565.00, Level 2 Total Yearly Price: **\$565.00**

Level 2 Service - Qty **3rd** Year: 1, Price Per Service: \$565.00, Level 2 Total Yearly Price: **\$600.00**

Kohler Generator: 400REOZJ, SGM32LK47 / Kohler ATS: KSS-AMTA-0600S/800S/KGP-DMTA_0600S, SGM32LN8H, SGM32NFNJ, SGM32LN8J

Physical Address - Niagara Falls Water Board, 1200 Buffalo Ave, Niagara Falls, NY, 14304

Level 1 Service - Qty Per Year: 1, Price Per Service: \$395.00, Level 1 Total Yearly Price: **\$395.00**

Level 2 Service - Qty Per Year: 1, Price Per Service: \$885.00, Level 2 Total Yearly Price: **\$885.00**

Additional ATS inspections - Qty Per Year: **2**, Price Per Service: **\$125.00**, Total Yearly Price: **\$250.00**

Level 2 Service - Qty **3rd** Year: 1, Price Per Service: \$885.00, Level 2 Total Yearly Price: **\$920.00**

TOTAL YEARLY CONTRACT PRICE YEARS 1 & 2: \$8,340.00

TOTAL YEARLY CONTRACT PRICE YEAR 3: \$8,665.00

(\$35 Increase Level 2 for consumable cost price increases expected)

Who will service your equipment?

Kinsley employs the largest number of EGSA certified technicians--over 40 technicians serving the northeast with collectively more experience and focus on generator repair and maintenance than any service company in the industry. In some cases, you may see the same technician at every service visit. Regardless, you will be treated respectfully, your equipment will be serviced expertly, and your property will be cared for with respect and attention to detail when we are on site.

Proposal



CUSTOMER PREFERENCES: Circle below:

Do you require us to call ahead and schedule the maintenance work when it is due to be performed?	To exercise the generator under load or to service indoor mounted transfer switches, will someone be present to allow our technician to enter the building?	If generator is inoperable when we attempt to perform maintenance, do we have your permission to replace needed parts at time of service if no one is available to authorize the above repairs while on site? *	Is the generator drive up serviceable at grade level? *	Does the location have prevailing wage requirements? *
YES <> NO	YES <> NO	YES <> NO	YES <> NO	YES <> NO

*Price increase will apply

How often will your unit(s) be serviced?

The most common plan selected (assuming backup/exercise hours only) is to get one Level 1 service and one Level 2 service each year (except for healthcare/life safety or other critical applications where more is required).

Please initial below, accepting the two services L1 and L2 for the months indicated. If you would like to change months simply line through and indicate new months for services. Keep in mind they need to be six months apart.

	<u>QUANTITY</u> of Level 1 visits per year	<u>QUANTITY</u> of Level 2 visits per year
	Qty: <u>1</u> Initials	Qty: <u>1</u> Initials
Preference of timing:	Month(s): <u>March</u>	Month(s): <u>Sept</u>

What's included:

Preventative Maintenance Performed	Generator or ATS?	Level 1 (Minor)	Level 2 (Major)
Check Lubricating oil, add as required	Generator	X	NA
Change Lubricating oil and oil filter	Generator	NA	<u>X</u>
Check radiator/cooling system (radiator, radiator cap, water pump, coolant hoses/clamps). Add coolant as required	Generator	X	X
Perform on site coolant analysis-test freeze point, nitrate levels, corrosion inhibitor levels	Generator	NA	<u>X</u>
Check air filter(s), hoses and crankcase breather	Generator	X	NA
Change air filter as needed	Generator	NA	<u>X</u>
Check fuel lines/hoses for leaks/pliability, inspect fuel vents for obstructions, check/clean fuel sediment bowl	Generator	X	X
Check fuel / water separator (if applicable)	Generator	X	NA
Replace fuel / water separator (if applicable)	Generator	NA	<u>X</u>
Check (and notate for diagnosis) warning lights illuminated, gauges/instrumentation function/faults	Generator & ATS	X	X

The Energy Solutions Company

Proposal



Check fan belts for excessive wear, inspect/adjust tension	Generator	X	X
Check governor belts for excessive wear, adjust tension if needed (if applicable)	Generator	X	X
Check battery charger, adjust if necessary	Generator	X	X
Replace spark plugs, points, distributor cap and ignition rotor (if applicable)	Generator	NA	<u>X</u>
Check battery capacity, clean battery and apply anti-corrosion treatment to terminal	Generator	X	X
Perform Generator, Generator End, ATS & Component functional and safety check	Generator & ATS	X	X
Run Generator – under load when possible (customer authorization required)	Generator & ATS	X	X
Conduct Electrical Frequency Analysis and adjust if necessary	Generator	X	X

OFFER ACCEPTANCE

I hereby authorize Kinsley Power Systems, Inc. to use this form as a bona fide purchase order of the services quoted on Proposal Number Q-21-2842 which clearly establishes definite price and specifications of services ordered. The person signing is doing so according to the terms and conditions.

Proposed By:

Company: Kinsley Power Systems, Inc.

Signature: Greg Frost

Printed Name: Greg Frost

Title: AMS Sales Manager

Date: Thursday, May 27, 2021

Accepted By:

Company: _____

Signature: _____

Printed Name: _____

Title: _____

Date: _____

Terms & Conditions:

This Preventative Maintenance Agreement is entered into by Kinsley Power Systems, and the generator equipment owner as signed, for the purpose of maintaining their equipment in the best possible operating conditions in order to minimize the necessity of emergency service. This agreement does not relieve the owner of periodic checks and testing as outlined in the manufacturer's manuals. While preventative maintenance should result in maximum availability of generator equipment, Kinsley Power Systems, makes no warranties or guarantees as to equipment uptime and disclaims any responsibility for consequential damages. Services to be performed are specified herein, and constitute the extent of this agreement. The generator equipment owner will be furnished with an inspection report denoting conditions found and further service found to be required, if any.

No services, parts or materials are covered under this agreement unless specifically referred to herein, nor does this agreement include expenses to repair any damage resulting from abuse, accident, theft, acts of a third party, forces of nature or altering the equipment. Services requested but not covered under this agreement will be billed at normal rates for labor, travel, or parts.

CONTRACT: This agreement will be automatically renewed every year until canceled in writing with 30 days prior written notice by either party. Kinsley Power reserves the right to review the service contract pricing annually, using the Consumer Price Index as a guideline for any adjustments. It is mutually understood that this proposal sets forth our entire agreement.

PLEASE RETURN A SIGNED COPY OF THIS QUOTE TO US BY FAXING IT TO 860.392.0222

For any questions, please contact our aftermarket sales specialist, at ams@kinsleypower.com

The Energy Solutions Company

Kinsley Power Systems General Terms and Conditions

1.0 Summary. These General Terms & Conditions are between Kinsley Group, Inc. d/b/a Kinsley Power Systems ("Kinsley") having a mailing address of 14 Connecticut South Drive, East Granby, CT 06026 (fax number 860-844-6136) and the person, company, firm or business entity purchasing equipment, renting equipment and/or obtaining products or services from Kinsley ("Customer", "You" or "Your"). The purpose of these General Terms & Conditions is to set forth the general terms and conditions that will apply to all services performed by Kinsley for the Customer and all product sold by Kinsley to the Customer. Specific terms and conditions on which such services and products will be provided may be set forth in separate agreements (written proposals, quotations, etc.) signed and agreed to by Kinsley (each hereinafter referred to as a "Related Agreement"). The provisions of these General Terms & Conditions shall be incorporated into each of these Related Agreements and govern all the understandings and agreements between the parties unless otherwise expressly set forth in a Related Agreement. In the event of a specific conflict between the provisions of these General Terms & Conditions and the express provisions of any Related Agreement, the Related Agreement shall control, except for Section 3.0 below, "Limited Warranty Statement", which shall control over any Related Agreement, unless such Section 3.0 is specifically referenced and amended in writing and signed by authorized personnel of Kinsley. These General Terms and Conditions shall apply to each individual project, sale or transaction, provided that a default by Customer under the General Terms and Conditions or a Related Agreement with respect to one project, sale or transaction shall constitute a Customer default under all projects, sales and transactions with such Customer and its affiliates.

2.0 Finance Charges, Collection Costs, Expenses, and Other Remedies. All bills not paid within agreed-upon terms shall be assessed a late charge of one and one-half percent (1.5%) per month (eighteen percent (18%) per annum) on the unpaid balance until paid in full. In the event that Kinsley incurs collection expenses or brings any lawsuit, arbitration or other proceeding to collect amounts owed, Kinsley shall be entitled to recover the costs and expenses (including but not limited to its filing fees, witness fees and reasonable legal fees) incurred in collecting such amounts. Kinsley reserves the right, where permitted by law, to charge a two percent (2%) surcharge, processing fee, or convenience fee for all payments made by credit card.

2.1 Force Majeure. Kinsley shall not be liable in any way for any default or delay due to conditions or contingencies beyond its control, which prevents or interferes with Kinsley or its suppliers or subcontractors making delivery or performing services on the date specified, including but not limited to war, or restraints affecting shipping, delivery of materials or credit as a result of war or war restrictions, non-arrival delay or failure to produce materials as a result of war or war restrictions, rationing of fuel, strikes, lockouts, fires, bombings, acts of terrorism, accidents, weather conditions, floods, droughts and any other condition or contingency affecting Kinsley, its suppliers, or subcontractors; and Kinsley shall have the right to cancel a contract for services or cancel a contract of sale or to extend the shipping date in the event of one or more of such conditions or contingencies. In the event of delayed or extended shipping dates due to the above causes, and the Customer changes shipping instructions, any additional shipping charges shall be paid by the Customer as a part of the purchase price.

2.2 Third Party Vendors. Kinsley may from time to time refer the Customer to third party vendors for specific products or services. These vendors are not Kinsley's subcontractors, so it is the Customer's responsibility to select and negotiate the terms and conditions of the Customer's business with them. Kinsley will not be responsible for their products or services.

2.3 Taxes. In addition to all other amounts payable under this Agreement or under a Related Agreement, the Customer shall pay all United States and foreign sales, use, value added, and other taxes and duties, of whatever nature, federal, state, provincial or otherwise (herein "taxes"), which are levied or imposed by reason of these General Terms and Conditions or any of the services or products purchased from Kinsley. The Customer shall promptly pay Kinsley for any such Taxes paid by Kinsley on behalf of the Customer or which are required to be collected and paid by Kinsley. Kinsley may bill the Customer separately for such Taxes.

2.4 General: Any claims for shortages or deductions for erroneous charges must be made in writing within thirty (30) days after receipt of goods or services or shall be deemed waived.

All manufacturer's names, numbers, symbols and descriptions are used for reference purposes only, and it is not implied that any part listed is the product of these manufacturers.

All clerical errors on the part of Kinsley are subject to corrections.

Prices are subject to change without notice.

Unless otherwise stated, prices are FOB point of manufacture.

Delivery dates may be quoted by Kinsley. Such dates are estimates only and in no event shall such dates be construed as falling within the meaning of "time is of the essence".

When providing pricing for site services, Kinsley will adhere to prevailing wage requirements. Kinsley will make reasonable efforts to determine if prevailing wage rates are required, but the Customer has the burden and responsibility to communicate any prevailing wage requirements to Kinsley (or intermediate contractor). If Kinsley's failure to pay prevailing wages is reasonably attributable to Customer's failure to provide prevailing wage information to Kinsley, including but not limited to wage schedules or rate sheets associated with the work described in this Agreement, Kinsley may seek appropriate damages and restitution from Customer, and may amend the contract price to reflect increases in wages and fringe benefits paid to Kinsley employees to the extent that these increases are necessary to comply with federal, state or local prevailing wage laws.

2.5 No Hire Clause. During the term of any Related Agreement under which Kinsley is providing products or services, and for a period of one (1) year thereafter, neither the Customer nor its affiliates shall: (a) employ or hire, or engage as a consultant or subcontractor, any employee or subcontractor of Kinsley or any of its affiliates, (b) solicit any employee or subcontractor of Kinsley or any of its affiliates to become an employee of, or consultant or subcontractor to Customer or any of its affiliates, or (c) recommend or suggest to any other person or entity that it so solicit, employ, hire, or engage any such employee or subcontractor. In the event of any breach of the foregoing provisions, Kinsley shall be entitled to be paid, on demand, as liquidated damages and not as penalty, an amount equal to the annualized base salary and other regular compensation being paid to such employee or subcontractor as of the date of the termination of his or her employment or contract with Kinsley or its affiliate. It is agreed that the amount of damages, which would be suffered because of a breach of the foregoing provisions of this Section, would be difficult to measure and that such payment amount constitutes reasonable liquidated damages for such a breach.

2.6 Governing Law and Jurisdiction. These General Terms & Conditions and each Related Agreement shall be construed and enforced in accordance with the laws of the State of Connecticut, without regard to its conflict of law provisions. The United Nations Convention on the International Sale of Goods shall not apply to these General Terms and Conditions and conditions of any Related Agreement. All suits under this agreement shall be brought and filed in the State of Connecticut.

2.7 Assignment and Transfer. Except as otherwise provided in any Related Agreement, these General Terms and Conditions and any Related Agreement may not be assigned or transferred by Customer, and shall be binding upon and for the benefit of Kinsley and the Customer, as well as the Customer's and Kinsley's respective legal representatives, successors and assigns.

2.8 Invalid Provisions. These General Terms and Conditions and any Related Agreement shall be valid and enforceable to the fullest extent permitted by law. If any term, condition, or provision of these General Terms and Conditions or any Related Agreement, or the application thereof to any person or circumstance, shall be held invalid or unenforceable to any extent, then such term, condition, or provision shall be curtailed and limited to the extent necessary to bring it within the legal requirements, and the remainder of these General Terms and Conditions, or Related Agreement, and the application of such term, condition, or provision to

Proposal



persons or circumstances other than those to which it is held invalid or unenforceable, shall not be affected thereby.

2.9 Entire Agreement, Modification. These General Terms and Conditions and any Related Agreements constitute the entire agreement between Kinsley and the Customer with respect to the subject matter thereof, superseding all previous communications and negotiations, whether written or oral. No modification of these General Terms and Conditions or any Related Agreement shall be binding unless it is in writing and executed by authorized representatives of Kinsley and the Customer.

2.10 Notices. Any written notice or other written communication to a party under these General Terms & Conditions or any Related Agreement shall be delivered personally, sent by fax, or sent by express carrier for next business day delivery evidenced by a receipt, or by United States registered or certified mail, freight or postage prepaid. Notices shall be sent to a party's address or fax number set forth at the beginning of the agreement or purchase order in which these General Terms and Conditions are incorporated or such other address or fax number as such party may specify in writing in accordance with these notice provisions.

2.11 Waiver of Failure to Act. No failure or delay by Kinsley in exercising any right or remedy under these General Terms and Conditions or a Related Agreement shall be deemed to be a waiver. The waiver by Kinsley in any respect of any right provided for in these General Terms and Conditions or any Related Agreement shall not be deemed a waiver of any further right hereunder.

2.12 Third Party Beneficiaries. These General Terms and Conditions and any Related Agreement shall not be deemed to create any rights in any third parties (excepting only Kinsley's affiliates), including suppliers and customers of a party, or to create any obligations of a party to any such third parties.

2.13 Affiliate. As used in these General Terms and Conditions or in any Related Agreement, an "affiliate" of a party means a third party that directly or indirectly (by the ownership of voting securities, contract or otherwise) controls, is controlled by, or is under the common control with, such party.

3.0 LIMITED WARRANTY STATEMENT Kinsley makes no express or implied warranties, including without limitation, implied warranties of merchantability and fitness for particular purpose, on equipment, parts or devices or any other goods or products sold or rented by Kinsley. The Customer's sole remedy is under the warranty of the manufacturer. At the Customer's request, Kinsley may furnish specific manufacturers' express limited warranty policies. The Customer accepts the goods or products sold "as is" and "with all faults" except only as provided by the warranty of the manufacturer of the goods or products sold.

Kinsley may provide technical information or advice to assist the Customer in the proper application and utilization of equipment or systems, in which case Kinsley disclaims all warranties, express or implied, including without limitation implied warranties of merchantability and fitness for a particular purpose, or compliance with governmental regulations.

SOLE LIMITED WARRANTY BY KINSLEY. Kinsley warrants that for ninety (90) days beginning on the date of invoice, service labor by Kinsley technicians shall be free from material defects in workmanship. This warranty does not cover damage due to external causes including accident, abuse, misuse, problems with electrical power, servicing not authorized or performed by Kinsley, usage not in accordance with product instructions, failure to perform required preventive maintenance, and problems caused by use of parts and components not supplied by Kinsley. This warranty does not cover replacement or repair of materials due to normal wear. Kinsley's responsibility is limited to repair or replacement at its designated facility, and the decision as to location of the repair work shall be made in the sole judgment of Kinsley.

IN NO EVENT SHALL KINSLEY BE LIABLE FOR ANY SPECIAL, INDIRECT, EXEMPLARY, INCIDENTAL, CONSEQUENTIAL, OR PUNITIVE LOSSES OR DAMAGES (INCLUDING, WITHOUT LIMITATION, BUSINESS INTERRUPTION, LOSS OF REVENUE OR PROFITS, FEES OR FINES), EVEN IF KINSLEY HAS BEEN ADVISED OR MADE AWARE OF THE POSSIBILITY OF ANY SUCH LOSSES OR DAMAGES AND REGARDLESS OF WHETHER THE CLAIM IS BASED ON CONTRACT, TORT, STRICT LIABILITY, OR OTHER THEORY OF LIABILITY.

Kinsley's cumulative liability for all losses and damages under these General Terms and Conditions or under any of the Related Agreements (including, without limitation, those arising out of contract, tort (including negligence), strict liability, warranty, or other theory of liability) shall not exceed (a) in the case of any services provided or to be provided by Kinsley, the amount of the fees paid by Customer for such services under the applicable Related Agreement, and (b) in the case of any products or devices provided or to be provided by Kinsley, the amount of Kinsley's labor services paid by Customer and associated with the product sale.

Kinsley makes no warranties beyond those stated in this warranty statement. Furthermore, no personnel of Kinsley are authorized to make warranties of any nature, orally or otherwise.

4.0 Indemnification. Customer shall save harmless, indemnify, and at Kinsley's option, defend Kinsley, and Kinsley's owners, directors, officers, agents, representatives, affiliates and successors and assigns, from and against any and all liability, liens, claims, demands, damages, expenses, fees, costs, fines, penalties, suits, proceedings, actions and causes of action of every kind and nature arising or growing out of or in any way connected with Kinsley's selling, repairing, evaluating, starting up, testing or maintaining equipment or other items or providing other services or products to or for the benefit of Customer or its affiliates, unless it is determined by a court of competent jurisdiction, after expiration of applicable appeal rights, that such matters were directly caused by Kinsley's gross negligence or willful misconduct.

5.0 Waiver of Subrogation. Customer and all parties claiming to be related to customer hereby agree to release and discharge Kinsley from all claims and/or liabilities arising from or caused by any casualty or hazard which may arise out of or in connection with activities associated with Kinsley's work on equipment or premises at the request or direction of Customer except as specifically stated herein, and Customer agrees to waive any right of subrogation which might otherwise exist in or accrue to any person on account thereof and further agree to evidence such waiver as may be required by Customers' insurance policies.

**ZERO COST CHANGE ORDER
FOR EMERGENCY REPAIR CONTRACT**

WHEREAS, the Niagara Falls Water Board (“Water Board”) awarded an emergency repair contract to Mark Cerrone, Inc., in January 2020, and that award was based on bid prices for estimated quantities of various materials and services; and

WHEREAS, the actual need for certain bid items has exceeded the estimated quantities upon which the contract award was based, particularly related to piping and pavement restoration materials needed in connection with a mid-winter water main failure at 66th Street and Niagara Falls Boulevard, but other bid items have not been used in the estimated quantities; and

WHEREAS, the result of this is that by adjusting the bid item quantities through a change order, the funds appropriated for the emergency repair contract are sufficient to pay for the work performed under the emergency repair contract without requiring an additional appropriation of funds; and

WHEREAS, City Engineering recommends the approval of \$0.00 change order as described above;

* CONTINUED ON NEXT PAGE *

NOW THEREFORE BE IT

RESOLVED, that the Niagara Falls Water Board hereby approves a \$0.00 change order to the 2020-2022 indefinite delivery/indefinite quantity emergency repair contract in order to adjust the estimated bid item quantities to match actual contract usage.

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

Water Board Budget Line or Capital Plan Item with Funds for this Resolution:
No financial impact, previously appropriated funds.

On June 28, 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



NIAGARA FALLS WATER BOARD

June 9, 2021

TO: Niagara Falls Water Board Members
FROM: Dr. Abderrahman Zehraoui
Executive Director

**SUBJECT: 2020-2022 I.D.I.Q. EMERGENCY REPAIR CONTRACT
CHANGE ORDER #2 - \$0.00**

A contract for the Niagara Falls Water Board's 2020-22 I.D.I.Q. Emergency Repair Contract was awarded to Mark Cerrone, Inc. 2368 Maryland Avenue, Niagara Falls, New York in the amount of \$2,089,104.00.

Due to a mid-winter water main failure at 66th Street and Niagara Falls Boulevard, both piping and pavement restoration materials needed to effect repairs exceeded existing quantities in the above-referenced contract documents. However, existing underruns elsewhere in the contract will allow for complete payment for all exceeded bid quantities without the allotment of any additional funding (\$0.00 change order on contract)

It is the recommendation of the undersigned that the Niagara Falls Water Board allow for payment of the additional quantities referred to above via a no-dollar change order to the contract in a form acceptable to the Board's counsel.

Respectfully submitted,

Dr. Abderrahman Zehraoui
Executive Director


Robert Buzzelli
Civil Engineer III

Meeting: June 28, 2021

**AWARD BID FOR WWTP PROJECT 11,
INTERIOR PIPING IMPROVEMENTS**

WHEREAS, the Niagara Falls Water Board (“Water Board”) contracted with JM Davidson, Inc. (“JM Davidson”), to prepare designs, plans, and specifications for wastewater treatment plant (“WWTP”) Project No. 9 – Interior Process Piping Improvements, required pursuant to Order on Consent R9-20170906-129 with the New York State Department of Environmental Conservation; and

WHEREAS, four bids were received for Contract 9M: Mechanical Construction, Project No. 9 – Interior Process Piping Improvements; and

WHEREAS, the low bidder for Contract 9M was MLP Plumbing and Mechanical, Inc., with a total bid of \$428,300; and

WHEREAS, JMD recommends the award of the bid to MLP Plumbing and Mechanical, Inc.; and

WHEREAS, up to one half of the cost of the work that is being awarded pursuant to this resolution will be reimbursable under the Water Board’s State and Municipal Facilities Program (“SAM”) Grant, Project ID No. 15688;

* CONTINUED ON NEXT PAGE *

NOW THEREFORE BE IT

RESOLVED, that on behalf of the Niagara Falls Water Board, its Executive Director hereby is authorized to contract with MLP Plumbing and Mechanical, Inc., for WWTP Contract 9M: Mechanical Construction, Interior Process Piping Improvements, for a total amount not to exceed the bid of \$428,300.

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

Water Board Budget Line or Capital Plan Item with Funds for this Resolution:
CIP Item No. WWTP 9 - WWTP Rehab Phase 4I – Process Piping Improvements
(SAM Grant Project ID #15688)

On June 28, 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

June 15, 2021

Mr. Douglas Williamson, PE
Director of Technical & Regulatory Services
Niagara Falls Water Board
5815 Buffalo Avenue
Niagara Falls, New York 14304

**SUBJECT: WASTEWATER TREATMENT PLANT UPGRADES
 PROJECT NO. 9 REBID – INTERIOR PROCESS PIPING IMPROVEMENTS
 RECOMMENDATION OF AWARD OF CONSTRUCTION CONTRACT NO. 9M**

Dear Mr. Williamson:

Bids for the above-referenced project (Project No. 9) were received by the Niagara Falls Water Board (NFWB) and opened on June 15, 2021 at 10:00 a.m. at the offices of NFWB. Bids were received as follows:

<u>Bidder</u>	<u>Total Bid</u>
MLP Plumbing and Mechanical, Inc.	\$428,300.00
John W. Danforth Company	\$462,300.00
Quackenbush Co., Inc.	\$529,000.00
D.V. Brown & Associates	\$566,196.00
Engineers Estimate	\$675,960.00

All Bidders submitted an appropriate Bid Bond. Enclosed is a detailed tabulation of the Bids received. JM Davidson Engineering (JMD) reviewed the information submitted by the bidders and found the discrepancies noted in the bid tab that are highlighted in yellow.

JMD conducted a pre-award conference via telephone on June 15, 2021 with MLP Plumbing and Mechanical, Inc. (MLP) regarding their discrepancy and confirmed their bid total was correct and that they did not want to withdraw their bid. The phone conversation was documented, and concurrence provided by MLP, in the attached email trail between Michael Terrana of JMD and David Muskopf, Vice President of MLP.

Enclosed is a copy of MLP's MWBE/SDVOB Utilization Plan which indicates that they will meet the goals as set forth in the contract documents.

As such, JMD recommends that the NFWB accepts the low bidder MLP Plumbing and Mechanical, Inc. for Contract No. 9M: Mechanical Construction, Project No. 9, Interior Process Piping Improvements in the amount of \$428,300.00.

Sincerely,

JM Davidson Engineering, D.P.C.



Michael Terrana, P.E.

cc via email: Sean Costello, NFWB General Counsel and Acting Executive Director
Doug Williamson, NFWB Director of Technical and Regulatory Services
Ted Donner, PE, CPL
Jay Meyers, PE, CPL



Bid Opening: June 15, 2021 at 10:00 AM

Bid Item	Description	Quantity	Unit	Engineer's Estimate		MLP Plumbing and Mechanical, Inc.		John W. Danforth Company		Quackenbush Co. Inc.		D.V. Brown & Associates, Inc.	
				Unit Price	Base Bid	Unit Price	Base Bid	Unit Price	Base Bid	Unit Price	Base Bid	Unit Price	Base Bid
Base Bid Contract 9M, Mechanical Construction													
Item No. 1 - City Water Piping													
1A	Installation, Maintenance and Removal of City Water Bypass System	1	LS	\$ 40,000.00	\$ 40,000.00	\$ 31,896.00	\$ 31,896.00	\$ 27,800.00	\$ 27,800.00	\$ 40,000.00	\$ 40,000.00	\$ 19,299.00	\$ 19,299.00
1B	Demolition of Existing Water Service Piping and Appurtenances	1	LS	\$ 16,600.00	\$ 16,600.00	\$ 13,170.00	\$ 13,170.00	\$ 15,400.00	\$ 15,400.00	\$ 17,000.00	\$ 17,000.00	\$ 6,259.00	\$ 6,259.00
1C	Hazardous Materials Handling	1	LS	\$ 9,720.00	\$ 9,720.00	\$ 19,891.00	\$ 19,891.00	\$ 14,900.00	\$ 14,900.00	\$ 14,000.00	\$ 14,000.00	\$ 21,323.00	\$ 21,323.00
1D	Installation of New Piping and Appurtenances	1	LS	\$ 37,000.00	\$ 37,000.00	\$ 28,999.00	\$ 28,999.00	\$ 24,600.00	\$ 24,600.00	\$ 18,000.00	\$ 18,000.00	\$ 54,962.00	\$ 54,962.00
1E	Application of Pipe Coating	1	LS	\$ 3,600.00	\$ 3,600.00	\$ 5,190.00	\$ 5,190.00	\$ 2,600.00	\$ 2,600.00	\$ 3,000.00	\$ 3,000.00	\$ 3,339.00	\$ 3,339.00
	Total Item No. 1				\$ 106,920.00		\$ 99,146.00		\$ 85,300.00		\$ 92,000.00		\$ 105,182.00
Item No. 2 - Plant Water Line													
2A	Installation, Maintenance and Removal of Waterline Bypass System	1	LS	\$ 45,573.00	\$ 45,573.00	\$ 33,051.00	\$ 33,051.00	\$ 58,000.00	\$ 58,000.00	\$ 49,000.00	\$ 49,000.00	\$ 45,932.00	\$ 45,932.00
2B	Demolition of Existing Waterline Pipe and Appurtenances	1	LS	\$ 482,547.00	\$ 482,547.00	\$ 60,790.00	\$ 60,790.00	\$ 45,500.00	\$ 45,500.00	\$ 92,000.00	\$ 92,000.00	\$ 44,072.00	\$ 44,072.00
2C	Installation of New Waterline Piping and Appurtenances	1	LS			\$ 173,188.00	\$ 173,188.00	\$ 23,800.00	\$ 23,800.00	\$ 247,000.00	\$ 247,000.00	\$ 314,069.00	\$ 314,069.00
2D	Application of Pipe Coating	1	LS			\$ 19,548.00	\$ 19,548.00	\$ 18,100.00	\$ 18,100.00	\$ 21,000.00	\$ 21,000.00	\$ 12,440.00	\$ 12,440.00
	Total Item No. 2				\$ 528,120.00		\$ 286,577.00		\$ 345,400.00		\$ 409,000.00		\$ 416,513.00
Item No. 3 - Spent Carbon Flush Assemblies													
3A	Demolition of Existing	1	LS	\$ 25,920.00	\$ 25,920.00	\$ 6,334.00	\$ 6,334.00	\$ 3,700.00	\$ 3,700.00	\$ 5,000.00	\$ 5,000.00	\$ 5,315.00	\$ 5,315.00
3B	Installation of New Assemblies	3	EA			\$ 21,243.00	\$ 21,243.00	\$ 4,300.00	\$ 12,900.00	\$ 2,666.67	\$ 8,000.00	\$ 8,062.00	\$ 24,186.00
	Total Item No. 3				\$ 25,920.00		\$ 27,577.00		\$ 16,600.00		\$ 13,000.00		\$ 29,501.00
Item No. 4 - Miscellaneous Contingency Allowance													
4	Misc. Contingency Allowance	1	LS	\$ 15,000.00	\$ 15,000.00	\$ 15,000.00	\$ 15,000.00	\$ 15,000.00	\$ 15,000.00	\$ 15,000.00	\$ 15,000.00	\$ 15,000.00	\$ 15,000.00
	Total Item No. 4				\$ 15,000.00		\$ 15,000.00		\$ 15,000.00		\$ 15,000.00		\$ 15,000.00
	Total Contract No. 9M				\$ 675,960.00		\$ 428,300.00		\$ 462,300.00		\$ 529,000.00		\$ 566,196.00
	WBE PARTICIPATION:			GOAL:	12%	\$51,396.00	12%	\$57,400.00	12%	\$0.00	0%	\$0.00	0%
	MBE PARTICIPATION:			GOAL:	18%	\$77,000.00	18%	\$85,300.00	18%	\$163,000.00	31%	\$0.00	0%
	SVDOB PARTICIPATION:			GOAL:	6%	\$25,700.00	6%	\$0.00	0%	\$0.00	0%	\$0.00	0%

Bid Discrepancies:

- 1 MLP Plumbing and Mechanical, Inc.'s unit price for Item 3B was not multiplied correctly by the item quantity.
- 2 John W. Danforth's total for Item 2 is not a correct summation of items 2A through 2D.
- 3 Quackenbush Co. Inc.'s unit price for Item 3B was not multiplied correctly by the item quantity.

Michael Terrana

From: Dave Muskopf Jr. <dwmuskopf@mlpcorp.com>
Sent: Tuesday, June 15, 2021 2:38 PM
To: Michael Terrana
Cc: Matt Van Remmen; Jamie Johnson; Catherine Knab; Jaime Davidson; Jay Meyers; Theodore Donner; Douglas Williamson; Sean Costello
Subject: RE: Bid Form Clarification - NFWB Project No. 9 - Interior Process Piping - Contract 9M - Mechanical Construction

Michael,

Your email below is correct. I have discussed the error on the bid form with Matt Van Remmen, our total price for item 3B was intended to be \$21,243.00, the unit price was written incorrectly. Our total bid for item 3 is \$27,577 and our bid for Contract 9M is \$428,300.00. We do not wish to withdraw our bid as a result of this unintentional error. Thank You,

Dave Muskopf Jr. | Vice President - Estimating



3198 Union Road, Suite 300 | Cheektowaga, NY 14227
P: 716-681-6997x336 | F: 716-681-0642 | C: 716-583-4264
dwmuskopf@mlpcorp.com

From: Michael Terrana <mterrana@jmdavidsoneng.com>
Sent: Tuesday, June 15, 2021 1:40 PM
To: Dave Muskopf Jr. <dwmuskopf@mlpcorp.com>
Cc: Matt Van Remmen <mvanremmen@mlpcorp.com>; Jamie Johnson <jjohnson@jmdavidsoneng.com>; Catherine Knab <cknab@jmdavidsoneng.com>; Jaime Davidson <jdavidson@jmdavidsoneng.com>; Jay Meyers <jmeyers@clarkpatterson.com>; Theodore Donner <TDonner@CPLteam.com>; Douglas Williamson <dwilliamson@NFWB.org>; Sean Costello <scostello@NFWB.org>
Subject: Bid Form Clarification - NFWB Project No. 9 - Interior Process Piping - Contract 9M - Mechanical Construction

Mr. Muskopf,

The Niagara Falls Water Board is in receipt of MLP Plumbing and Mechanical, Inc.'s (MLP) bid submitted for Contract 9M – Mechanical Construction for Project No. 9 Interior Process Piping Improvements on June 15, 2021. During our review of the bid form an error was found in the bid for Item 3B – Installation of New Assemblies where the unit price of \$21,243.00 was not multiplied by the quantity of 3 assemblies specified in the contract to total \$63,729.00. Instead the total bid for that item was entered as \$21,243.00.

Based on our phone conversation this afternoon with Matt Van Remmen of your office, it is our understanding that the total bid for Item 3B in the amount of \$21,243.00 is correct and it was the unit price that was not written correctly. Further MLP confirms that their total bid for Item 3 in the amount of \$27,577.00 and total bid for Contract 9M in the amount of \$428,300.00 are correct as submitted, and as such, MLP does not request to withdraw their bid as a result of an unintentional error.

Please respond to this email with your concurrence on the above description.

Thanks,

Michael A Terrana, PE

JM Davidson

———Engineering, D.P.C.

525 Wheatfield Street – Suite 20

North Tonawanda, New York 14120

mobile: 716.870.5899

email: mterrana@jmdavidsoneng.com

website: www.jmdavidsoneng.com

NYS WBE Certified // DBE Certified

**APPENDIX A
NIAGARA FALLS WATER BOARD
MWBE FORMS**

M/WBE Goals & Reporting Responsibilities

NFWB has established Minority and Women-owned Business Enterprise (MWBE) and Equal Employment Opportunity (EEO) goals (use form D) for use when procuring goods or services. These goals reflect the Agency's objective to obtain a "fair share" of its needs from small, minority, women-owned or service-disabled veteran owned businesses and to comply with Executive Law Article 15-A, Economic Development Law Article 4-A and 5NYCRR Parts 140-144, Rules and Regulations of the Minority and Women's Business Development Program.

Governor Cuomo has made increased MWBE utilization a priority of his administration, setting an overall goal to increase MWBE participation in State contracting totaling 30%.

Construction contracts valued at \$100,000 or more and service and commodity contracts valued at \$25,000 or more require good faith efforts to meet MWBE goals and must include the MWBE and EEO goals in the awarding document (contract or purchase order). These documents must also include language for mandated reporting.

NFWB's new goals are effective immediately and will be used for all procurements/contracts advertised after January 1, 2018. The goals are: WBE: 18%; MBE: 12%.

If you are interested in receiving notice of upcoming NFWB contracting or purchasing opportunities and being added to potential bidders lists, please e-mail contact information to (Renee LaMonaco).

M/WBE Reporting Requirements

For each procurement, the designated Minority Business Enterprise Officer is responsible for ensuring that the completed detailed MWBE-EEO Utilization Plan (use form A) and Staffing Plan (use form C) from the Prime Contractor are submitted prior to award of the contract. These forms identify MWBE subcontractors and their participation in the contract.

Contracts that meet the established thresholds require contractors to submit Quarterly Reports detailing payments made by the Prime Contractor to NYS Certified M/WBEs.

Waiver of Goal Requirements: NFWB, after approval by the Governor's Office, can grant a partial or total waiver of goal requirements established on a State contract; only upon submission of a waiver request by a contractor. Such a request requires documentation of good faith efforts by the contractor to meet the goal requirements of the State contract (use form B).

If you have any questions regarding the MWBE Goals and Reporting Responsibilities, please contact Renee LaMonaco by email at rlamonaco@nfwb.org.

SDVOB Goals & Reporting Responsibilities Service-Disabled Veteran-Owned Business (SDVOB)

In recognition of those who have served in the United States Armed Forces and sustained injuries associated with this service; and to assist them in achieving the American dream that they have selflessly volunteered to protect; New York State Passed Executive Law Article 17-B in 2014. This law is aimed at greater inclusion of service-disabled veterans within New York State's economy. The Niagara Falls Water Board (NFWB) recognizes and welcomes this initiative by committing to meet the goals established within Article 17-B. These goals reflect the NFWB's objective to foster greater participation by Service-Disabled Veteran-Owned Businesses (SDVOBs) in the NFWB's procurement activities. Under this law, New York State agencies are required to make good faith efforts to meet a utilization goal for SDVOB procurement. The Law established a goal of 6% of procurement expenditures to be made with SDVOBs by state agencies, public authorities, and public benefit corporations. This goal is in addition to any established M/WBE goals under a procurement.

The NFWB is committed to meeting these goal requirements and incorporating the use of SDVOBs within its various procurement activities. We do our best to identify SDVOBs that may be interested in submitting a bid, proposal, or quote for a NFWB procurement. These identified SDVOBs are added to prospective bidders lists and receive notice of these opportunities.

Doing Business with the NFWB as a SDVOB

In order to conduct business with the NFWB as a SDVOB, the vendor must be listed on the NYS Certified SDVOB Directory (<https://ogs.ny.gov/Veterans/default.asp>). If your business is not certified and you believe that you qualify for certification, or to find out if you qualify for certification, please contact the New York State Office of General Services, Division of Service-Disabled Veterans' Business Development (DSDVBD) by telephone at: Tel: 844-579-7570 or Email: VeteransDevelopment@ogs.ny.gov

The NFWB advertises its procurement opportunities, for all purchases exceeding \$50,000, in the New York State Contract Reporter (NYSCR) (<https://www.nyscr.ny.gov/>) New York State's official publication of procurement activity for all state agencies, public authorities and public benefit corporations. The NYSCR is published online daily and can be viewed by registered users free of charge. Although state agencies must advertise in the NYSCR, it is also important to be aware of opportunities for discretionary purchasing valued under \$50,000 that may not be advertised in the NYSCR. If you are interested in receiving notice of upcoming NFWB contracting or purchasing opportunities and being added to potential bidders lists, please complete a Bidders List form (PDF) and email this to the NFWB at the following mailbox Jperry@NFWB.ORG.

SDVOB Reporting Requirements

The NFWB does require vendors to sub-contract a portion of the work to SDVOBs if a certified vendor exists. Therefore, the Department does require prime contractors to apply for waivers and to report their use of SDVOBs.

In order to maintain oversight and collect data to inform decisions, the DSDVBD requires agencies to submit quarterly reports of SDVOB utilization. The reports provide the following information; awards made that quarter, disbursements/utilization that quarter, and any waivers given that quarter. Such reporting ensures that the program stays on track and SDVOBs are given the opportunities they deserve. If you have any questions regarding the SDVOB Goals and Reporting Responsibilities, please contact the NFWB Compliance Coordinator at JPerry@NFWB.ORG.



MWBE/SDVOB UTILIZATION PLAN

FORM A

Michael C. O'Laughlin
Municipal Water Plant
Attention: Rolfe Porter, Executive Director
5815 Buffalo Ave.
Niagara Falls, NY 14304

INSTRUCTIONS: This form must be submitted with any bid or proposed negotiated contract or within a reasonable time thereafter, but prior to contract award as required in the IFB or RFQ. This Utilization Plan must contain a detailed description of the supplies and/or services to be provided by each certified Minority and Women-owned Business Enterprise (MWBE) and Service Disabled Veteran Owned Business (SDVOB) under the contract. Attach additional sheets if necessary.

Contractor's Name, Address and Telephone No. <i>MLP Plumbing & Mechanical, Inc.</i>	Contract No.: <i>9m</i>	MWBE or SDVOB Goals In Contract MBE <i>12</i> % WBE <i>18</i> % SDVOB <i>6</i> %
Federal Identification No. <i>16-1603435</i>	Contract Description (Construction, Construction Consultant, Commodities or Services/Technologies) & Location (Region):	

Certified MWBE or SDVOB Subcontractors/Suppliers Name, Address, Telephone No, E-mail Address	Federal ID. No.	NYS ESD CERTIFIED		Detailed description of Work (Attach additional sheets if necessary)	Dollar Value of Subcontracts/ supplies/ services and intended performance dates of each component of the contract
		MBE or WBE	SDVOB		
<i>CLEANWATER MATERIAL</i>	<i>47-1336971</i>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<i>PLUMBING Subcontractor</i>	<i>\$51,396.00</i>
<i>RAND AND JONES ENTERPRISES</i>	<i>16-1245609</i>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<i>Plumbing Supplier</i>	<i>\$77,000.00</i>
<i>OCM CONSTRUCTION</i>	<i>26-1119143</i>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<i>INSULATION Subcontractor</i>	<i>\$25,760.00</i>

IF UNABLE TO FULLY MEET THE MBE, WBE AND SDVOB GOALS SET FORTH IN THE CONTRACT, CONTRACTOR MUST SUBMIT GOOD FAITH EFFORTS (GFE) DOCUMENTATION and A REQUEST FOR WAIVER FORM C UPON COMPLETION OF CONTRACT.

Submission of this form constitutes the contractor's acknowledgement and agreement to comply with the MWBE and SDVOB requirements set forth under NYS Executive Law, Article 15-A and 5 NYCRR Part 142. Failure to submit complete and accurate information may result in a finding of noncompliance or rejection of the bid/proposal and/or suspension or termination of the contract.

Prepared By (Signature) <i>[Signature]</i>	Email Address <i>DW MUSKOPT@MLPCORP.COM</i>
Name and Title of Preparer (Print or Type) <i>David Muskopf - VP</i>	Telephone No. <i>716 681-6997</i> Date <i>6/15/21</i>

FOR AGENCY USE ONLY			
Reviewed By	Date		
Utilization Plan Approved <input type="checkbox"/> Yes <input type="checkbox"/> No	Date		
Contract No. <i>9m</i>	Project No. (If applicable) <i>9</i>	Contract Award Date	Estimated Completion Date
		Contract Amount Obligated	

Notice of Deficiency Issued	<input type="checkbox"/> Yes <input type="checkbox"/> No	Date	Description of Work
Notice of Acceptance Issued	<input type="checkbox"/> Yes <input type="checkbox"/> No	Date	

Form MWBE 100



REQUEST FOR WAIVER

FORM B

Niagara Falls Water Board
 Michael C. O'Laughlin Municipal Water Plant
 Attention: Rolfe Porter, Executive Director
 5815 Buffalo Ave.
 Niagara Falls, NY 14304

INSTRUCTIONS: See page 2 of this attachment for requirements and document submission instructions.								
Contractor's Name, Address and Telephone No.	Contract No.:	MWBE/SDVOB Goals In Contract <table> <tr> <td>MBE</td> <td>%</td> </tr> <tr> <td>WBE</td> <td>%</td> </tr> <tr> <td>SDOV</td> <td>%</td> </tr> </table>	MBE	%	WBE	%	SDOV	%
MBE	%							
WBE	%							
SDOV	%							
Federal Identification No.	Contract Description (Construction, Construction Consultant, Commodities or Services/Technologies) & Location (Region):							
Contractor is requesting a: <input type="checkbox"/> MBE Waiver – A waiver of the MBE Goal for this procurement is requested. <input type="checkbox"/> Total <input type="checkbox"/> Partial <input type="checkbox"/> WBE Waiver – A waiver of the WBE Goal for this procurement is requested. <input type="checkbox"/> Total <input type="checkbox"/> Partial <input type="checkbox"/> SDVOB Waiver – A waiver of the SDVOB Goal for this procurement is requested. <input type="checkbox"/> Total <input type="checkbox"/> Partial								
IF UNABLE TO FULLY MEET THE MBE AND WBE GOALS SET FORTH IN THE CONTRACT, CONTRACTOR MUST SUBMIT GOOD FAITH EFFORTS (GFE) DOCUMENTATION and A REQUEST FOR WAIVER FORM C UPON COMPLETION OF CONTRACT. Submission of this form constitutes the contractor's acknowledgement and agreement to comply with the MWBE requirements set forth under NYS Executive Law, Article 16-A and 6 NYCRR Part 142. Failure to submit complete and accurate information may result in a finding of noncompliance or rejection of the bid/proposal and/or suspension or termination of the contract.								
Prepared By (Signature)		Email Address						
Name and Title of Preparer (Print or Type)	Telephone No.	Date						
FOR AGENCY USE ONLY								
Reviewed By		Date						
Waiver Granted: <input type="checkbox"/> Yes <input type="checkbox"/> MBE <input type="checkbox"/> WBE <input type="checkbox"/> SDVOB <input type="checkbox"/> No		Date						
* Comments:								

MWBE Utilization Plan (6/15)

REQUIREMENTS AND DOCUMENT SUBMISSION INSTRUCTIONS

When completing the Request for Waiver Form, please check all boxes that apply. To be considered, the Request for Waiver Form must be accompanied by documentation for items 1-11, as listed below. If box #3 has been checked above, please see item 11. Copies of the following information and all relevant supporting documentation must be submitted along with the request:

1. A statement setting forth your basis for requesting a partial or total waiver.
2. The names of general circulation, trade association, and MWBE/SDVOB-oriented publications in which you solicited certified MWBE/SDVOBs for the purposes of complying with your participation goals.
3. A list identifying the date(s) that all solicitations for certified MWBE/SDVOB participation were published in any of the above publications.
4. A list of all certified MWBE/SDVOBs appearing in the NYS Directory of Certified Firms that were solicited for purposes of complying with your certified MWBE/SDVOB participation levels.
5. Copies of notices, dates of contact, letters, and other correspondence as proof that solicitations were made in writing and copies of such solicitations, or a sample copy of the solicitation if an identical solicitation was made to all certified MWBE/SDVOBs.
6. Provide copies of responses made by certified MWBE/SDVOBs to your solicitations.
7. Provide a description of any contract documents, plans, or specifications made available to certified MWBE/SDVOBs for purposes of complying with the certified MWBE/SDVOB participation goals.
8. Provide documentation of any negotiations between you, the Offeror/Contractor, and the MWBE/SDVOBs undertaken for purposes of complying with the certified MWBE/SDVOB participation goals.
9. Provide any other information you deem relevant which may help us in evaluating your request for a waiver.
10. Provide any other information you deem relevant which may help us in evaluating your request for a waiver.
11. Copy of notice of application receipt issued by Niagara Falls Water Board (NFWB).

NOTE: Unless a Total Waiver has been granted, Offeror/Contractor will be required to submit all reports and documents pursuant to the provisions set forth in the Contract, as deemed appropriate by NFWB, to determine MWBE/SDVOB compliance.



Niagara Falls Water Board
 Michael C. O'Laughlin Municipal Water Plant
 Attention: Rolfe Porter, Executive Director
 5815 Buffalo Ave.
 Niagara Falls, NY 14304

STAFFING PLAN

FORM C

Submit with Bid or Proposal- Instructions on page 2.

Solicitation No. **9M**

Offeror's Name: **MCP Plumbing & Mechanical**

Reporting Entity:

Report Includes Contractor's/Subcontractor's:

☐ Workforce to be utilized on this contract

☐ Total workforce

☐ Offeror

☐ Subcontractor

Subcontractor's name _____

Enter the total number of employees for each classification in each of the EEO-Job Categories identified

EEO-Job Category	Total Work Force	Workforce by Gender		Workforce by Race/Ethnic Identification										Disabled		Veteran	
		Male (M)	Female (F)	White (M) (F)		Black (M) (F)		Hispanic (M) (F)		Asian (M) (F)		Native American (M) (F)		(M)	(F)	(M)	(F)
Officials/Administrators	1	1		1													
Professionals	1	1		1													
Technicians																	
Sales Workers																	
Office/Clerical	2		2		2												
Craft Workers	4	4		3		1											
Laborers																	
Service Workers																	
Temporary/Apprentices																	
Totals	8	6	2	5	2	1											

Prepared By (Signature) D. Muskopf	Email Address dwmuskopf@mcpcorp.com
Name and Title of Preparer (Print or Type) David Muskopf	Telephone No. 716-681-6997 Date 6/15/21

GENERAL INSTRUCTIONS

General instructions: All Offerors and each subcontractor identified in the bid or proposal must complete an EEO Staffing Plan (FORM 8) and submit it as part of the bid or proposal package. Where the work force to be utilized in the performance of the contract can be separated out from the contractor's and/or subcontractor's total work force, the Offeror shall complete this form only for the anticipated work force to be utilized on the contract. Where the work force to be utilized in the performance of the contract cannot be separated out from the contractor's and/or subcontractor's total work force, the Offeror shall complete this form for the contractor's and/or subcontractor's total work force.

Instructions for completing:

1. Enter the Solicitation number that this report applies to along with the name and address of the Offeror.
2. Check off the appropriate box to indicate if the Offeror completing the report is the contractor or a subcontractor.
3. Check off the appropriate box to indicate work force to be utilized on the contract or the Offeror's total work force.
4. Enter the total work force by EEO job category.
5. Break down the anticipated total work force by gender and enter under the heading "Work force by Gender".
6. Break down the anticipated total work force by race/ethnic identification and enter under the heading "Work force by Race/Ethnic Identification". Contact the Permissible contact(s) for the solicitation if you have any questions.
7. Enter information on disabled or veterans included in the anticipated work force under the appropriate headings.
8. Enter the name, title, phone number and email address for the person completing the form. Sign and date the form in the designated boxes.

Race /Ethnic Identification

Race/ethnic designations as used by the Equal Employment Opportunity Commission do not denote scientific definitions of anthropological origins. For the purposes of this form, an employee may be included in the group to which he or she appears to belong, identifies with, or is regarded in the community as belonging. However, no person should be counted in more than one race/ethnic group. The race/ethnic categories for this survey are:

- **White (Not of Hispanic origin)** All persons having origins in any of the original peoples of Europe, North Africa, or the Middle East.
- **Black** a person, not of Hispanic origin, who has origins in any of the black racial groups of the original peoples of Africa.
- **Hispanic** a person of Mexican, Puerto Rican, Cuban, Central or South American or other Spanish culture or origin, regardless of race.
- **Asian & Pacific Islander** a person having origins in any of the original peoples of the Far East, Southeast Asia, the Indian subcontinent or the Pacific Islands.
- **Native Indian (Native American/Alaskan Native)** a person having origins in any of the original peoples of North America, and who maintains cultural identification through tribal affiliation or community recognition.

Other Categories

- **Disabled Individual** any person who: -has a physical or mental impairment that substantially limits one or more major life activity (ies)
-has a record of such an impairment; or
-is regarded as having such an impairment.
- **Vietnam Era Veteran** a veteran who served at any time between and including January 1, 1963 and May 7, 1975.
- **Gender** Male or Female



WORK FORCE EMPLOYMENT UTILIZATION FORM D

Contract No.:	Reporting Entity: <input type="checkbox"/> Contractor <input type="checkbox"/> Subcontractor	Reporting Period: <input type="checkbox"/> January 1, 20__ - March 31, 20__ <input type="checkbox"/> April 1, 20__ - June 30, 20__ <input type="checkbox"/> July 1, 20__ - September 30, 20__ <input type="checkbox"/> October 1, 20__ - December 31, 20__
Contractor's Name:		Report includes: <input type="checkbox"/> Work force to be utilized on this contract <input type="checkbox"/> Contractor/Subcontractor's total work force
Contractor's Address:		

Enter the total number of employees in each classification in each of the EEO-Job Categories identified.

Enter the total number of employees in each classification in each of the EEO-JOB categories indicated.																	
EEO-Job Category	Total Work force	Work force by Gender		Work force by Race/Ethnic Identification										Disabled (M) (F)		Veteran (M) (F)	
		Male (M)	Female (F)	White (M) (F)		Black (M) (F)		Hispanic (M) (F)		Asian (M) (F)		Native American (M) (F)					
Officials/Administrators																	
Professionals																	
Technicians																	
Sales Workers																	
Office/Clerical																	
Craft Workers																	
Laborers																	
Service Workers																	
Temporary /Apprentices																	
Totals																	

PREPARED BY (Signature):	TELEPHONE NO.:	DATE:
NAME AND TITLE OF PREPARER (Print or Type):	EMAIL ADDRESS:	
	Submit completed form to: NYS (add Agency name)	

General Instructions: The work force utilization (M/WBE 102) is to be submitted on a quarterly basis during the life of the contract to report the actual work force utilized in the performance of the contract broken down by the specified categories. When the work force utilized in the performance of the contract can be separated out from the contractor's and/or subcontractor's total work force, the contractor and/or subcontractor shall submit a Utilization Report of the work force utilized on the contract. When the work force to be utilized on the contract cannot be separated out from the contractor's and/or subcontractor's total work force, information on the total work force shall be included in the Utilization Report. Utilization reports are to be completed for the quarters ended 3/31, 6/30, 9/30 and 12/31 and submitted to the M/WBE Program Management Unit within 15 days of the end of each quarter. If there are no changes to the work force utilized on the contract during the reporting period, the contractor can submit a copy of the previously submitted report indicating no change with the date and reporting period updated.

Instructions for completing:

1. Enter the number of the contract that this report applies to along with the name and address of the Contractor preparing the report.
2. Check off the appropriate box to indicate if the entity completing the report is the contractor or a subcontractor.
3. Check off the box that corresponds to the reporting period for this report.
4. Check off the appropriate box to indicate if the work force being reported is just for the contract or the Contractor's total work force.
5. Enter the total work force by EEO job category.
6. Break down the total work force by gender and enter under the heading 'Work force by Gender'
7. Break down the total work force by race/ethnic background and enter under the heading 'Work force by Race/Ethnic Identification'. Contact the M/WBE Program Management Unit at (518) 474-5513 if you have any questions.
8. Enter information on any disabled or veteran employees included in the work force under the appropriate heading.
9. Enter the name, title, phone number and email address for the person completing the form. Sign and date the form in the designated boxes.

RACE/ETHNIC IDENTIFICATION

Race/ethnic designations as used by the Equal Employment Opportunity Commission do not denote scientific definitions of anthropological origins. For the purposes of this report, an employee may be included in the group to which he or she appears to belong, identifies with, or is regarded in the community as belonging. However, no person should be counted in more than one race/ethnic group. The race/ethnic categories for this survey are:

- **WHITE** (Not of Hispanic origin) All persons having origins in any of the original peoples of Europe, North Africa, or the Middle East.
- **BLACK** a person, not of Hispanic origin, who has origins in any of the black racial groups of the original peoples of Africa.
- **HISPANIC** a person of Mexican, Puerto Rican, Cuban, Central or South American or other Spanish culture or origin, regardless of race.
- **ASIAN & PACIFIC ISLANDER** a person having origins in any of the original peoples of the Far East, Southeast Asia, the Indian subcontinent or the Pacific Islands.
- **NATIVE INDIAN (NATIVE AMERICAN/ALASKAN NATIVE)** a person having origins in any of the original peoples of North America, and who maintains cultural identification through tribal affiliation or community recognition.
- **OTHER CATEGORIES**
 - **DISABLED INDIVIDUAL** any person who:
 - has a physical or mental impairment that substantially limits one or more major life activity(ies)
 - has a record of such an impairment; or
 - is regarded as having such an impairment.
 - **VIETNAM ERA VETERAN** a veteran who served at any time between and including January 1, 1963 and May 7, 1975.
 - **GENDER** Male or Female

Patch and Repair Proposal



Proposal Prepared for:

**June 10, 2021
Robert Rowe
Chief Operator
Niagara Falls Water Board
5815 Buffalo Ave, Niagara Falls, NY 14304
Phone: 716.283.9770 ext. 2030**

**RE: Proposal for roof inspection & repair at
various locations**



Patch and Repair Proposal

Dear Mr Rowe,

I am submitting a proposal for roof repairs at the Water Treatment Plant 5815 Buffalo Ave. Based upon my inspection, the following should be completed:

At indicated areas, remove and set-aside ballast/pavers, filter fabric and extruded polystyrene insulation down to existing built-up roof.

Inspection for breaches or openings at roofing base flashings at curbs at perimeters (depending on location).

Patching of any breaches or openings with compatible roofing materials.

Reinstallation of extruded polystyrene boards, filter fabric and ballast/pavers.

PUMA (polyurethane-methacrylate) fluid-applied pull test application applied to existing built-up roofing at indicated area (part of diagnostics for potential roof restoration instead of replacement.)



The cost to complete the above scope of work is: \$8,750.00 and can be completed within 45 days of your approval. I will be in contact with you to answer any questions you have. Thank you for the opportunity to serve you and the Niagara Falls Water Board.

Respectfully yours,

Brad Farris, Tremco/WTI Western New York.



Patch and Repair Proposal

TERMS AND CONDITIONS:

Unless all Work hereunder is to be performed within thirty (30) days, WTI shall submit an invoice to the Customer at the end of each calendar month for the amount due for the portion of the Work completed during that month. If all Work is to be performed within thirty (30) days, no invoice shall be submitted until all Work has been completed. Customer shall pay WTI in full within thirty (30) days after receipt of each invoice.

This Proposal is an offer by WTI to provide the Scope of Work set forth above to the Customer on the terms and conditions set forth herein and in WTI's standard terms and conditions (a copy of which may be obtained at <http://www.tremcoroofing.com/files/share/terms/TandCWTI.pdf>), which are hereby incorporated by reference (together, the "Terms and Conditions"). The Terms and Conditions will govern the Work to the exclusion of any other or different terms, including in any customer purchase order, unless otherwise expressly agreed in writing pursuant to a Master Agreement or similar contract with Customer signed by an authorized representative of WTI. Please confirm your acceptance either by return e-mail to the representative identified below or by having an authorized representative of Customer sign in the space provided below. Upon receipt of acceptance, WTI will process your order and promptly begin the Scope of Work. We appreciate your business and look forward to working with you at your facility.

By: _____
P.O. number (if required): _____
Print name: _____
Title: _____
Date: _____



Patch and Repair Proposal

ACKNOWLEDGEMENT REGARDING PREVAILING WAGE REQUIREMENTS:

Please check ONE of the below:

☐ The work described to be performed by Weatherproofing Technologies, Inc. ("WTI") at customer's facilities is not subject to federal, state or local prevailing wage requirements, other than the Fair Labor Standards Act's minimum wage provisions (29 U.S.C. § 206) and similar state minimum wage laws of general application.

☒ The work to be performed by WTI at customer's facilities is subject to prevailing wage requirements, and the customer agrees to provide WTI with all applicable wage schedules for such work before a purchase order is generated for this work.

Customer further acknowledges that if customer is a public entity or agency, or the project is funded in whole or in part with federal funds, the price quoted by WTI for work performed on customer's facilities is based on the assumption that the work is covered by a prevailing wage law (applicable state or local prevailing wage law or the Davis Bacon Act). If the customer indicates above that this project is not subject to any federal, state or local prevailing wage requirements the quoted price may be reduced.

Customer Name:

Customer Representative:

(print name)

Signature:

Date:



A Subsidiary of Tremco Incorporated

3735 Green Road, Beachwood, OH 44122 • www.tremcoroofing.com

PAGE 3

Roof Inspection Report

- Niagara Falls Water Board
Water Treatment Plant
5815 Buffalo Avenue, Niagara Falls NY

Completed For:

Niagara Falls Water Board
Robert Rowe, Chief Operator

Clark Patterson Lee : ARCHITECTURE | ENGINEERING | PLANNING
Jay Meyers, Dave Jaros, Anne Dafchik



NFWB Campus at 5815 Buffalo Avenue, Niagara Falls NY

Inspection Summary

Tremco, accompanied by Chief Operator Rob Rowe, walked and inspected various roof sections above active leak areas on June 9, 2021.

Multiple areas were noted as requiring an in-depth inspection of the existing roofing membrane and base flashings (Surrounding two fan curbs, surrounding one large RTU curb and at the atrium/entrance roof perimeter) above current leak areas.

Since the existing roof type is a “protected membrane roof” or PMR”, any potential breach or failure of the existing built-up roofing or base flashings cannot be located without the temporary removal of the concrete pavers, rock ballast, landscape fabric and 2-inch extruded polystyrene insulation that cover the entire existing built-up roof membrane, to allow for an inspection and potential repairs.

From previous inspections, we know this is the roof assembly construction (top-down):

- Rock ballast (2 rows concrete pavers at roof perimeters)
- Landscape fabric
- 2-inch extruded polystyrene insulation
- 1/4-inch smooth-surfaced built-up roof
- 1/2-inch perlite insulation cover board
- Tapered polyisocyanurate insulation (+/- 6-1/2 inches down to 3-inches)
- Vapor retarder (hot applied)
- 1/2-inch gypsum board thermal barrier (substrate board) at steel decks
- Steel and concrete roof decks (varies by building)

Recommendations

- At the indicated inspect/repair areas:
 - Remove concrete pavers and set aside.
 - Remove rock ballast and set aside.
 - Remove landscape fabric and set aside.
 - Remove 2-inch XPS insulation and set aside.
 - Inspect exposed built-up roofing and base flashings for any potential splits or failures.
 - Clean exposed membrane/flashings and repair with compatible mastic and roofing plies.
 - Re-install insulation, fabric and ballast/pavers.
- Perform one PUMA (polyurethane-methacrylate) fluid-applied pull test to determine if the existing built-up roof is compatible with the previously proposed fluid-applied restoration solution (potential 2023 project).

Budget



Removal/Inspection/Repair: Not to Exceed \$8,750.00

- A separate proposal is attached for the inspection/repair work.
- Please sign and return the proposal to have the work added into our schedule.

The following photo summary will illustrate our findings.

Let me know if you have any questions or concerns.

Sincerely,

Brad Farris

Brad Farris
Tremco Roofing Western New York
Ph. 716.462.8912
Email: bfarris@tremcoinc.com



Update: Repairs that Tremco performed on multiple leak areas at the expansion joint flashings in 2019 are still solid and watertight.



Base flashings at the fan curb above the process area are in need of inspection and possible repair.



Base flashings at the fan curb above the conference room are in need of inspection and possible repair.



Base flashings at the perimeter edge above the building entrance-atrium are in need of inspection and possible repair.



Base flashings at the large Roof Top Unit curb above the garage door are in need of inspection and possible repair.



June 1, 2021

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

**RE: Proposal for Professional Engineering Services
Whitney Ave Water and 77th Street Water Reconstruction**

Dear Chairman Forster:

We are pleased to submit our proposal to provide professional engineering services for the replacement of water mains along Whitney Avenue and 77th Street in the City of Niagara Falls which are Items W-27 & W-11 respectively per the Niagara Falls Water Board (NFWB) Capital Improvement Plan. The Whitney Avenue work is from 11th Street to Hyde Park Boulevard and the 77th Street work is from Lasalle Parkway to Niagara Falls Boulevard. As you review our proposal please consider our firm's strengths, which include:

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

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

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

It is our understanding based on information provided to us that the NFWB would like to replace the existing mains along Whitney Avenue and 77th Street. Our proposal includes survey, soil borings, full design and permitting, bidding, construction administration and construction inspection. All survey data will be field checked during a site visit prior to designing the work. We will utilize the knowledge gained from the site visit to prepare bid documents necessary for the proposed watermain replacements. Our drawings for this work will be completed utilizing available tax map and geospatial data combined with a full survey from right of way to right away along each roadway. We will obtain necessary permits from the Department of Health for the proposed improvements as well as obtain a NYSDOT work permit for the proposed work.

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

**ARCHITECTURE
ENGINEERING
PLANNING**



Once the design is complete, we will work with the NFWB to advertise the project for bids, attend the bid opening and make a recommendation after reviewing each contractors' bid. Once the project enters the construction phase, we will review contractor application for payment and make recommendations to the NFWB for payment.

During construction we will have a full-time construction inspector on site at each jobsite to ensure the project is constructed in substantial conformance with our contract documents.

Our fee for each project is as follows:

Whitney Avenue Water Main Replacement

Task 1:	Design and Develop Bid Documents	\$114,400.00
Task 2:	Bidding Assistance	\$ 20,520.00
Task 3:	Construction Administration	\$ 26,820.00
Task 4:	Construction Inspection	\$ 91,250.00**
	Total	\$253,690.00**

77th Street Water Main Replacement

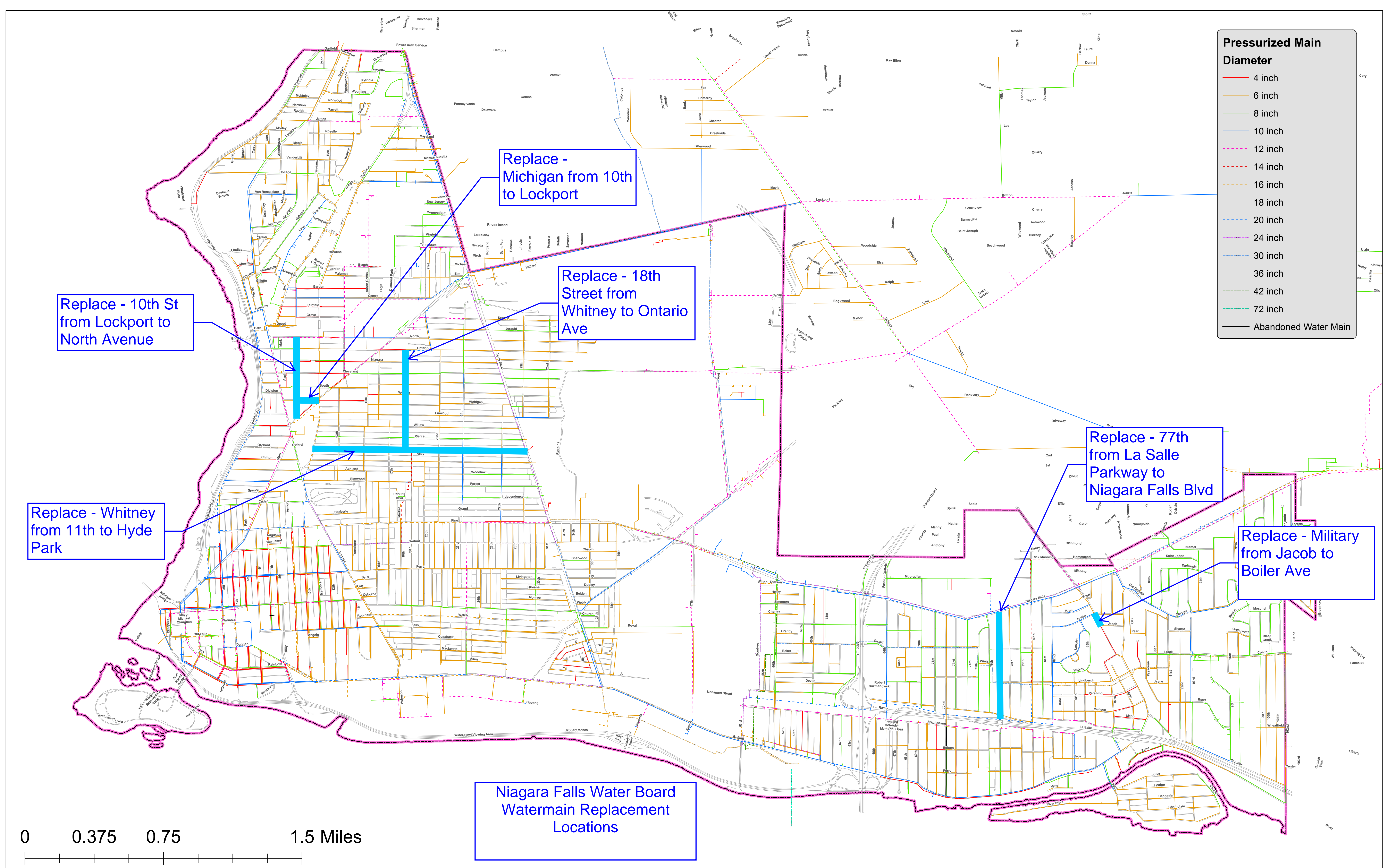
Task 1:	Design and Develop Bid Documents	\$ 64,910.00
Task 2:	Bidding Assistance	\$ 12,480.00
Task 3:	Construction Administration	\$ 13,660.00
Task 4:	Construction Inspection	\$ 68,750.00**
	Total	\$159,800.00**

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

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

Very truly yours,
CPL

Richard B. Henry III, P.E.
President





November 2017

**Unaccounted for Water:
System Summary and Procedure Recommendation**

Michael C. O'Laughlin 5815 Buffalo Avenue Niagara Falls, NY 14304



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Attachment 2	Leak Survey Proposal
Attachment 3	Leak Detection Equipment Proposal
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Attachment 5	M.E. Simpson Information
Attachment 6	Water Audit & Revenue Recovery

INTRODUCTION

The Niagara Falls Water Board (NFWB) has retained the services of Clark Patterson Lee (CPL) to prepare a system wide Unaccounted for Water Investigation. The NFWB has concerns that finished water, once leaving water plant, is not fully accounted for within the distribution system.

For this, the current NFWB maintenance and operation protocols for the distribution system, the plant production, the meter shop operation and billing system will be reviewed. Upon review, recommended maintenance protocols will be developed for implementation.

The NFWB also owns and operates sanitary sewer system with the City. This report will only pertain to water treatment and distribution.

SUMMARY OF EXISTING FACILITIES

The NFWB is the sole entity providing water service to properties within the City of Niagara Falls, NY. Associated facilities include a water treatment plant, water mains, fire hydrants, valves and meters. Approximately 56,000 residents are served along with 12-14 million yearly visitors. Initially, the City of Niagara Falls owned and operated the water system with the Niagara Falls Water Board, formed in the mid 1990's to operate these services.

A. Water Production System

The Water Plant produced over 7.4 billion gallons of water in 2016. The daily average of water treated and pumped into the system was 20.3 million gallons per day. The highest single day was 23.3 million gallons. The Water Plant draws its water from the upper Niagara River through an intake tunnel under the river. The Plant is conventional water treatment, coagulation, flocculation, sedimentation and filtration. The finished water is stored in chlorine contact tanks before being discharged to the system. The water is delivered through high service pumps and a 48-inch discharge header. The water is pumped to a two-million-gallon storage tank for distribution throughout the system.

B. Distribution System

The distribution system contains approximately 300 miles of water main ranging in size from 4" to 42". Some parts of the system are estimated to be over 100 years old. The system is constructed of cast iron, ductile iron, concrete and PVC pipe. There are approximately 220 fire hydrants with associated system valves. The system serves 56,000 residents through 18,000 service connections.

C. Meters

The approximate 18,000 services throughout the system are fed by meters from 5/8" up to 10". Currently the system is 100% metered, per Robert Reid, that includes all city owned properties and parks. All the meters are driven by radio transmitted signal. The current age of the residential meters is from 2-1/2 to 3-1/2 years old and are read quarterly. Most of the larger service meters are over seven years old.

HISTORIC SYSTEM PERFORMANCE

A. Water Production System

In 1999 the total pumpage for the City was nearly 13 billion gallons a year, or a daily average of 35 MGD (Rust Environmental & Infrastructure, Inc. Leak Detection Survey Report). Due mainly to the loss of large industry, a steady population decline and more efficient water fixtures, the daily plant production is approximately 20.3 MGD.

Below are the totals for plant water production since 2008:

<u>YEAR</u>	<u>TOTAL PRODUCED GAL</u>	<u>DAILY AVERAGE MGD</u>
2008	5,978,012,000	16.38
2009	6,221,999,000	17.04
2010	6,637,425,000	18.18
2011	6,713,431,000	18.39
2012	6,727,217,000	18.43
2013	6,536,679,000	17.91
2014	7,831,479,000	21.46
2015	7,785,336,000	21.33
2016	7,440,929,000	20.37

The numbers show that the plant yearly output has increased 23% in that period.

B. Distribution System

The distribution system, as with most aging industrial cities, has reached most of its' estimated life cycle. Many areas of the city are over 100 years old. Therefore, it is currently believed that water may be lost in various ways throughout the distribution system by leaks, unmetered connections, inaccurate meters and unauthorized use. A comprehensive Leak Study was performed in 1999 by Rust Environmental & Infrastructure, Inc. The report showed an average of 82,500 gallons per day leaking. Currently leak detection is done to pin point leaks for repair.

A comparison of unaccounted for water percentages of other area water systems is as follows:

- Erie County Water Authority's unaccounted for water averages 30.3% over the last six years
- Town of Tonawanda Water has an average of 42% unaccounted for water since 2011
- Grand Island Water has averaged 32.6% unaccounted for water.

These numbers are published in each utilities Annual Water Quality Reports. The City of Buffalo does not publish their water loss in their annual reports, but speaking with management of Veolia Water, they indicated that their loss is between 35% and 40% annually.

C. Meters

All small meters were replaced approximately three to four years prior to this report. As such, maintenance is minimal. Consumption values are reviewed and if any inconsistencies noted, the meter is further inspected. There is no routine of scheduled maintenance or testing on large meters, mainly due to lack of meter personnel. The large meters have not been tested in over seven years, which is outside the industry standard for testing and calibration. In 2010, a SEER Testing Program was performed on the large meters by Neptune Technology Group, the meter supplier. This program analyzed the age of the meter and annual revenue for the large commercial meters. The program predicted the accuracy of the meters based on age and projected the payback and savings for replacing each meter.

Water theft through meter by-passes and fire services are always a concern. However, Bob Reid indicated that they don't see very much of this occurring. Bob Reid advised that all by-pass meters are sealed with a security wire / crimp cap. When readings become outside the normal parameters, an investigation is done to see if theft is occurring. The Erie County Water Authority does not have this problem and they investigate when discrepancies in monthly readings occur.

There was concern that theft or loss could be occurring through zombie or abandoned homes. Bob Reid indicated that all the known accounts are shut off and the meters removed.

ANALYSIS OF SYSTEM PERFORMANCE

A. Water Plant

A comprehensive leak analysis should start at the source, in the Water Treatment Plant. A Plant Meter Report is being compiled by Clark Patterson Lee engineers. It explains the system condition and configuration along with recommendations. In the report are recommendations for relocation and replacement of the delivered water transmitter. It is also recommended to have an outside testing company that specializes in flow meter calibration come in and test and calibrate the raw water and delivered water flow meters. Primary Flow Signal Company, the supplier of the existing meters, can perform this work for \$2,500.00.

B. Distribution System

The distribution system is maintained by a General Foreman and associated laborers. Their duties include leak repair, hydrant and valve repair and replacement, water main flushing and fire hydrant service, maintenance and repair. Leaks are repaired daily provided skilled personnel are available that day. If the backhoe operator is sick, on vacation, or unavailable that day, leaks do not get repaired that day. In addition to the duties mentioned earlier, the crews perform emergency repairs after normal work hours, nights, weekends and holidays as they arise. Last year the crews repaired approximately 100 leaks and replaced 70 hydrants. Historically, 10-15 years previous, the system utilized two repair crews daily. Currently there is one and leaks do not get repaired every day.

C. Meters

At present, there are only three people in the Meter Department. They take care of quarterly meter readings, meter change outs, shut offs and irregular reading investigations.

Due to lack of staffing, meter testing is not being performed to industry standards. The Water Board has the equipment and the personnel have the knowledge to be able to test meters. The American Water Works Association (AWWA) recommends meters 6" and larger be tested yearly, meters 4" every two years, 3" meters every three years, and 1-1/2"-2" turbine and compound meters tested every four years. New large meters must meet AWWA standards for accuracy 98.5-101.5%.

AVAILABLE TECHNOLOGIES

A. Water Audit

A Water Audit is an accounting procedure. The purpose of the Water Audit is to accurately determine the amount of unaccounted for water (UAW) in a water distribution system. Utilities incur real losses from pipeline leakage and apparent losses when customer water consumption is not properly measured or billed. AWWA advocates the Water Audit Method developed jointly by the International Water Association and AWWA. The IWA/AWWA Water Audit Method provides best management practice tools and guidance water utilities needed to efficiently manage supplies.

AWWA M36: Water Audits & Loss Control Program describes in more detail how to perform a water audit and the benefits of having one done. AWWA water loss control committee free water audit software is available through AWWA membership.

B. Buried No Longer

Buried No longer is a new tool available through AWWA membership. AWWA's new Buried No Longer tool is intended to help water and wastewater utilities understand their pipeline infrastructure replacement costs. The easy-to-use replacement and repair tool with base and deferral outputs will perform a complete assessment of your specific infrastructure and output custom, actionable data.

C. Meter Testing and Repair

Neptune Technology Group offers a SEER revenue enhancement program. The features provide analysis for large meters, meter accuracy to within 95% confidence interval, no site testing required, and highlights misapplication of meters and has a reporting function. The key benefits are guaranteed increase revenue, identifies which meters need attention, and establishes priorities based on revenue gain and payback. The program allows implementation of targeted revenue enhancement programs and indicates possible meter failures, wrong sizing and theft. As stated earlier in the report, a SEER Study and Analysis was performed in 2010 for the Water Board.

D. Echologics

E Pulse Technology is an acoustic based technology that can identify the condition of both distribution and transmission water mains while simultaneously searching for leaks. This can be performed without the need of service interruptions. For utilities with aging pipeline infrastructure, this technology can help a utility quickly understand the status of buried assets by using acoustic signals and advanced computer algorithms to assign a grading of actual condition of a pipe segment. Some of the benefits are accurate actionable information, simultaneous leak detection and monitoring of critical infrastructure. This gives a utility the benefit of defining pipe replacement costs, validating pipe replacement need prior to excavation and optimizing capital improvement plans.

E. Pure Technologies

Pure Technologies is a pipeline asset management technology that has been used to help utilities assess the condition of their aging infrastructure. Through many miles of transmission main condition assessment, Pure Technologies has found that pipe distress is localized, often randomly distributed, and typically not dependent on age of the asset.

The condition assessment products can be inserted into large pipes through a hot tap connection. The tool travels in the water stream. There is no disruption of the pipeline service. Long inspections can be covered in a single deployment. Accurate results can be achieved that pin point areas that are distressed and help optimize repair planning. The technology is effective on a variety of pipe materials.

F. System Leak Survey

A comprehensive Leak Study is a survey of the distribution system using amplified leak detection equipment. The equipment consists of microphones and computer enhanced correlators.

It is important to locate all leaks that can be found including small leaks that possibly can mask larger leaks. A leak survey will not only locate but also quantify actual water loss through each leak and develop a pay back through repairs. Some of the benefits of a survey are water conservation, reduced cost of lost water, reduced energy, treatment and pumping costs. The survey should help monitoring potential system operation and maintenance problems, promote proper accounting and financial reporting. It should also help in promoting sound reliable water service for customers and utility.

New York Leak Detection, Inc. in Jamesville, New York can perform a complete Leak Study of the system for \$149.00 per mile of pipe or \$44,700.00. M.E. Simson, Inc. is also a recognized water loss control company and can provide extensive services for meter calibration, meter testing and state-of-the art computer leak correlator based leak survey.

G. Leak Detection Equipment

There are many makes and types of leak detection equipment available to assist utilities. Systems can be a simple locator with a microphone and hand held device or a full-blown system with radio read loggers linked to a GIS mapping system.

LOGM3-M distributed locally by Power Mole Company, is a computer leak correlator based system that locates and pin points leaks in the water utility system. It also has the ability to assist in system wide leak surveys and GIS mapping of discovered leaks. The price of this equipment is approximately \$65,525.00.

The Water Board currently owns a Fluid Conservation Systems, TriCorr Touch unit. Fluid Conservation Systems is an established leak detection manufacturer and makes quality equipment. Erie County Water Authority also uses this equipment. This equipment is adequate for pin pointing leaks for repair, but not for a complete system wide leak detection survey.

RECOMMENDATIONS

A. Water Plants

The Water Treatment Plants' raw and delivered flow meters are first and most critical part to establish a baseline for the total system leak evaluation. It is recommended that Primary Flow Signal Company, Inc. test and calibrate both meters and make recommendations for their continued accuracy. (Attachment 1: \$2,500.00)

B. Distribution System

A system wide comprehensive leak survey is recommended as soon as possible. The leaks need to be found, water loss estimated, mapped on the GIS system, prioritized and scheduled for repair. An estimate for the survey is between \$44,700.00 and \$80,000.00 and can be completed within 45 - 60 days. (Attachment 2: \$44,700.00 - \$80,000.00)

The distribution water repair crew is limited in how many leaks that can be repaired consistently. It appears lack of trained personnel is causing limitations on daily leak repairs. It is recommended that an evaluation of the work force be done to gauge the efficiency of the crews and the number of qualified people to keep leak repair a priority. It may be possible that there is not enough manpower in the department for the volume of leaks that currently exist and continue to happen.

Purchase next year the LOGM3-M leak detection equipment supplied by Power Mole Company. (Attachment 3: \$65,000.00)

C. Meters

A Neptune Technology Group SEER Meter Analysis should be performed as soon as possible. Information on the existing meters needs to be obtained. Immediate savings and water loss can be achieved inexpensively. (Attachment 4)

Meter testing and calibration should be performed per AWWA recommended time schedule based on meter size. The Water Board has the equipment and the personnel trained. The size of the workforce may have to be evaluated to determine if there are adequate personnel available to perform the testing.

M.E. Simpson Company (Attachment 5) can also be hired to test the water meters on a per meter and size basis.

CONCLUSIONS

There are several steps and technologies that the Water Board can utilize to help determine an estimated water loss volume within the distribution system. The recommendations presented in this report need to be prioritized and implemented if a realized reduction in water accountability, and an increase in revenue and production cost savings are to be seen.

An annual Water Audit should be performed either internally or by experienced professionals. The results of the audit can be compared annually to gauge the continued progress toward making the water system more efficient and achieving the water loss goals. (Attachment 6)

Attachment 1



800 WELLINGTON AVENUE, CRANSTON RI, 02910 USA PH:401-461-6366 FAX: 401-461-4450 <http://www.primaryflowsignal.com>

The PRIMARY FLOW SIGNAL, INC. Certifications: ISO 9001-2008; PED Module H; ASME "S" "U"; NB "R"

ENGINEER'S BUDGET ESTIMATE & SCOPE OF SUPPLY

TO:	Clark Patterson Lee
ATTN:	Jay Meyers
ADDRESS:	26 Mississippi Street, Suite 300
	Buffalo, NY 14203

DATE:	8/18/17	FROM:	Dean Soderberg
QUOTE NO:	799-17	PHONE:	(401) 461-6366 ext.2235 FAX: (401) 461-4450
Rev. #1		EMAIL:	dsoderberg@primaryflowsignal.com

PROJECT:	Niagara Falls WTP – DP Transmitter Inspection and Calibration
Revision #1:	To reflect addition of another venturi (raw water) for inspection and DP transmitter calibration.

<u>Quantity</u>	<u>Description</u>	<u>Unit Price</u>	<u>Total Price</u>
(1)	PFS FIELD SERVICE; PERFORM INSPECTION OF DP TRANSMITTER AND IMPULSE LINES ASSOCIATED WITH 42 INCH VENTURI WITH PFS SERIAL NO. 2795, AND A SIMILAR RAW WATER VENTURI; PERFORM EXTERNAL INSPECTIONS OF THE VENTURIS; AFTER INSPECTIONS PERFORM DP TRANSMITTER CALIBRATIONS; (1) TRIP, (1) DAY AT JOBSITE.	\$2,500.00	\$2,500.00



800 WELLINGTON AVENUE, CRANSTON RI, 02910 USA PH:401-461-6366 FAX: 401-461-4450 <http://www.primaryflowsignal.com>

The PRIMARY FLOW SIGNAL, INC. Certifications: ISO 9001-2008; PED Module H; ASME "S" "U"; NB "R"

PRICE QUOTE VALIDITY: **PRICES QUOTED ARE VALID FOR 60 DAYS FROM QUOTE DATE.**

WARRANTY:

FREIGHT TERMS:

FREIGHT CHARGES:

SHIPMENT:

DOCUMENTS: **SUBMITTALS: 5-7 BUSINESS DAYS AFTER RECEIPT**
(If Applicable) **OF PURCHASE ORDER.**

DOCUMENTS: **O/M MANUALS: 4 WEEKS AFTER RELEASE TO**
(If Applicable) **MANUFACTURE.**

DOCUMENTS: **TRAINING MANUALS: PRELIMINARY: 4 WEEKS**
(If Applicable) **AFTER RELEASE TO MANUFACTURE. FINAL: 2**
WEEKS AFTER APPROVAL OF PRELIMINARY.

FIELD WORK **SEE PAGE 1.**

NOT INCLUDED:

1. ELECTRICAL, MECHANICAL, STRUCTURAL, CONCRETE, RIGGING OR ANY OTHER WORK NOT SPECIFICALLY NOTED ABOVE.
2. NUTS, BOLTS, GASKETS OR ANY OTHER MOUNTING HARDWARE REQUIRED TO INSTALL ANY EQUIPMENT LISTED ABOVE.
3. PERMITS, TAXES, DUTIES, CUSTOMS CHARGES OR ANY OTHER FEES OR CHARGES NOT SPECIFICALLY STATED ARE NOT INCLUDED.

******* END OF SCOPE OF SUPPLY *******



800 WELLINGTON AVENUE, CRANSTON RI, 02910 USA PH:401-461-6366 FAX: 401-461-4450 <http://www.primaryflowsignal.com>

The PRIMARY FLOW SIGNAL, INC. Certifications: ISO 9001-2008; PED Module H; ASME "S" "U"; NB "R"

Date:	8/18/17
Quote No.:	799-17 Rev. #1

TERMS AND CONDITIONS

Project:	Niagara Falls WTP – DP Transmitter Inspection and Calibration
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- Valid purchase order referencing this proposal and contract or duly executed copy of this proposal and contract must be received by PFS, Inc. within 45 days of the effective date.
- Submittals, if required, shall be approved within 45 days of submittal date, or release to manufacture, shall be conveyed within 45 days of order date, whichever comes first.
- **Cost of single shipment from point of manufacture to USA destination is included. If multiple shipments are requested additional shipping fees will apply.**
- The approximate shipping weight for the quoted article(s) is _____ pounds.
- Applicable Sales or Use Taxes, Fees, and Licenses are NOT included.
- Any special jigs, fixtures, patterns and the like, which may be included in an order, shall remain the property of PFS, Inc., without credit to customer. Primary Flow Signal, Inc. agrees to maintain and replace such tooling as may be required except that after one year of tooling being inactive, PFS, Inc. reserves the right to scrap said items without credit to the customer.
- PAYMENT – 100% NET 30 Days from the date of shipment or notification of readiness for shipment, subject to credit for all accounts suitably rated; otherwise by special arrangement. Overdue balances shall be subject to a service charge of 1.5% per month on the unpaid balance.
- Retainage will not be allowed based on this price quote.
- Shipments delayed by the customer, or agents thereof, shall be surcharged at a rate of 2%, compounded monthly, on the value of the unshipped portion.
- **Shipment from our factory shall be approximately __ to __ weeks following receipt of approval submittal or authorized release to manufacture, subject to raw materials availability, and PFS manufacturing load. (If flow calibration is required, see note below).**
- **Submittals can be forwarded _5_ to _7_ business days after receipt of purchase order.**
- **If laboratory flow calibration is required, add __ to __ days to shipment time.**
- **Prices quoted are valid for (60) days from the date of this Proposal.**

Attachment 2



July 28, 2017

Clark Patterson Lee Engineers
Jay Meyers
Buffalo, NY
716-880-1264
jmeyers@clarkpatterson.com

RE: Proposal - Leak Detection Service
City of Niagara Falls, NY

Dear Mr. Meyers:

Thank you for contacting NYLD to provide leak detection services for the City of Niagara Falls water distribution system.

New York Leak Detection, Inc. (hereafter referred to as NYLD) was organized to provide the best professional **water leak detection services, fire flow testing, utility location, survey grade utility mapping, video inspection, data logging, and ground penetrating radar technology** under one roof. NYLD is active in instructing and exhibiting leak detection and location services for the New York Rural Water Association, American Water Works Association and private water companies throughout the East Coast.

NYLD will conduct a comprehensive survey and, when appropriate, will perform the survey at night to minimize the effect of daytime usage and provide a higher degree of accuracy. The final leak survey report is a complete, easy-to-read summary of leaks detected and organized according to Type, Location, Estimated Gallons of Loss, and Priority Classification. NYLD ensures its clients will receive a complete and professional survey.

The cost for a comprehensive leak detection survey and report on approximately 300 miles of water distribution system at \$149.00 per mile is \$44,700.00.

*Estimate only – NYLD has calculated costs based on the information and maps provided by the customer. The actual quantities may vary from those given depending on several factors beyond NYLD's control. If during the execution of the work, NYLD anticipates changes which would impact the estimated cost, NYLD will estimate the additional service and contemporaneously seek the customer's authorization of the changes.

NYLD provides all state-of-the-art electronics including: Ground Penetrating Radar 250 MHz (0'-30' depths), 500 MHz (0'-6' depths), 1000 MHz (0'-2' depths), variable wattage magnetometers, video inspection camera with locatable heads, computerized electronic acoustic leak locators, 350' fiberglass rods with sonde transmitters (15' and 40' depth potential), and all necessary support tools.

Surveying and Mapping Equipment include: Leica 780862 R400 Total Station with Power Search & Automatic Target Aiming, Leica 772300 RH15 Radio Handle with Integrated Radio Modem and Radio Antenna, Leica 781600 CS15 3.5G & Radio Field Controller, Leica GNSS Smart Antenna Geodetic 120 channels, and Carlson/AutoCAD 2011 software. Crossover technologies are maximized to ensure the highest degree of accuracy on all location projects.

Specialized Services Available Upon Request: Profiler EMP-400 (electromagnetic induction sensor), Pressurized Pipe Inspection for internal condition assessment and leak detection utilizing JD7 Investigator, Valve Exercising Services including operation and cleaning of valve boxes and data collection utilizing Wachs Grand LX Valve Maintenance Trailer.

Should you have any questions, you may contact me via e-mail or at the phone/fax numbers provided below. Thank you for the opportunity to submit this proposal.

Sincerely,

Mark Manzari
Vice President

Phone (315) 469-4601 • Toll Free (800) 928-4350 • Fax (315) 469-2868
PO Box 269 Jamesville, NY 13078 • www.nyld.com • info@nyld.com



Director of Operations

FED-ID: 16-1299328



Please acknowledge your acceptance of this proposal by signing below and returning to NYLD.

Print Name

Date

Signature of Authorized Party

Pricing is valid for 30 days from date of proposal.

Recognizing that underground leak detection and utility locating is an art as well as a science, and that there are innumerable variables in achieving the desired results, NYLD does not guarantee accuracy in locating underground leaks or utilities, and disclaims all liability for any damages based on information provided by NYLD.

NYLD strives to provide the highest quality service with the experience of the technicians and equipment used. It is our desire that our work provides our customers with the information they need without adverse consequences.

Phone (315) 469-4601 • Toll Free (800) 928-4350 • Fax (315) 469-2868
PO Box 269 Jamesville, NY 13078 • www.nyld.com • info@nyld.com

Attachment 3

POW-R MOLE SALES, LLC

UNDERGROUND PIPE and CABLE INSTALLATION EQUIPMENT

1400 COMMERCE PARKWAY
LANCASTER, NY 14086

Phone # 716-683-2486

Fax # 716-683-6372

Toll Free # (800) 344-6653



Please visit us at: www.powrmole.com

NIAGARA FALLS WATER BOARD ATTN: NORM ALLEN 5815 BUFFALO AVENUE NIAGARA FALLS, NY. 14304	
Customer Phone	Customer E-mail
716-283-9770	jmeayers@clarkpatterson.com

QUOTATION

DATE	ESTIMATE #
8/29/2017	05-8347

ITEM	DESCRIPTION	QTY	COST	TOTAL
	PLEASE DISREGARD TOTAL AT BOTTOM OF PAGE, BEING THAT THIS QUOTE CONTAINS A SET OF 10 AND 51 LOGGERS. ONCE YOU DECIDE WHICH WAY YOU WOULD LIKE TO GO, I WOULD BE MORE THAN HAPPY TO UPDATE THE QUOTE TO REFLECT YOUR SELECTION.			
WP12385	COMMANDER 3 SET, COMPLETE W/ NYLONG BAG AND ACCESSORIES	1	7,000.00	7,000.00T
WP12387	GPS MODULE FOR COMMANDER 3, WITH ODO PLUG	1	850.00	850.00T
WP12392	MODEL LOG N3-M LOGGERS, WITH LONG ANTENNAS	10	900.00	9,000.00T
WP12392	MODEL LOG N3-M LOGGERS, WITH LONG ANTENNAS *** ORDERING QTY 51 OF THE N3-M LOGGERS WOULD GIVE YOU A \$220 PER UNIT PRICE BREAK WHICH OVER 51 UNITS SAVES \$11,220.00	51	680.00	34,680.00T
CORRELUX C-3	VIVAX METROTECH -SEBA KMT STANDARD CORRELUX C-3 CORRELATOR EASY TO USE WITH COLOR TOUCH DISPLAY ONLINE AND OFFLINE CORRELATION LONG TIME OPERATING TIME AND INDUCTIVE SENSOR CHARGING PINPOINTING WITH MULTI-SENSOR OR GROUND MICROPHONE PERFECT FOR PLASTIC PIPES AND TRUNK MAINS MULTI-CORRELATION WITHOUT PIPE PARAMETER INPUT DK C3 CORRELATOR PT A+ SENSOR PAM CORR PT B_ SENSOR PAM CORR DAVID CLARK HEADPHONES CARRYING CASE CHARGER MOTOR VEHICLE CHARGER PC SOFTWARE IF YOU HAVE ANY QUESTIONS, PLEASE FEEL FREE TO GIVE ME A CALL. DAVE KOZIEL 716-510-8918	1	13,995.00	13,995.00T

TOTAL

UNDERGROUND PIPE and CABLE INSTALLATION EQUIPMENT

Phone # 716-683-2486

Fax # 716-683-6372

Toll Free # (800) 344-6653



NIAGARA FALLS WATER BOARD
ATTN: NORM ALLEN
5815 BUFFALO AVENUE
NIAGARA FALLS, NY. 14304

Customer Phone	Customer E-mail
716-283-9770	jmeyers@clarkpatterson.com

DATE _____

8/29/2017

ESTIMATE #

05-8347

ITEM	DESCRIPTION	QTY	COST	TOTAL
	*** PRICE INCLUDES DELIVERY AND CREW TRAINING*** *** APPROXIMATE LEAD TIME IS 5 WEEKS FROM DATE ORDER IS RECEIVED.*** Sales Tax		0.00%	0.00

TOTAL

\$65,525.00

Attachment 4

NEPTUNE 2010 SEER ANALYSIS

Customer Name	Account Number	Address	Serial Number	Meter Age	Annual Revenue	Meter Type	Meter Size	Predicted Accuracy	Revenue Gain	Payback in Yrs.	Total Cost	Customer Comments
Niagara Falls I	M60202858- 001	53RD & STEPHENSON		21	14008.00	POSITIVE DISPLACEMENT	1	93.01	1052.75	0.29	305.00	OXY
Niagara Falls I	M50600456- 001	1801 BUFFALO AVE		21	7736.00	POSITIVE DISPLACEMENT	5/8	93.25	559.98	0.36	202.00	
Niagara Falls I	M60202858- 001	53RD & STEPHENSON		21	7655.00	POSITIVE DISPLACEMENT	3/4	93.25	554.12	0.44	242.00	
Niagara Falls I	M60202858- 001	53RD & STEPHENSON	31927690	21	81437.00	COMPOUND	6	90.68	8370.01	0.52	4352.00	OXY
Niagara Falls I	M60400055- 001	100 ENERGY BLVD	31924530	21	81437.00	COMPOUND	6	90.68	8370.01	0.52	4352.00	Covanta
Niagara Falls I	M51300750- 001	2747 BUFFALO AVE	31929463	20	223626.00	FIRE	8	91.28	21363.05	0.59	12658.00	Dupont
Niagara Falls I	M51260086- 001	3163 BUFFALO AVE		21	54724.00	COMPOUND	6	90.68	5624.48	0.77	4352.00	Sherwood Forest
Niagara Falls I	M60202858- 001	53RD & STEPHENSON	31933182	20	6422.00	TURBINE	2	89.78	731.04	0.87	633.00	OXY
Niagara Falls I	M60900041- 001	56TH & BAKER		21	200991.00	FIRE	10	90.89	20145.54	0.89	17850.00	Niagara Gen
Niagara Falls I	M49400263- 001	4000 PACKARD RD		21	2816.00	POSITIVE DISPLACEMENT	1	93.01	211.63	1.44	305.00	
Niagara Falls I	M49400263- 001	4000 PACKARD RD		21	19118.00	COMPOUND	4	91.10	1867.73	1.52	2845.00	Durez
Niagara Falls I	M49400263- 001	4000 PACKARD RD		21	19118.00	COMPOUND	4	91.10	1867.73	1.52	2845.00	Durez
Niagara Falls I	M49600056- 001	5950 PACKARD RD	31943822	19	15545.00	COMPOUND	3	93.36	1105.60	1.88	2075.00	Hoganas
Niagara Falls I	M50600456- 001	1801 BUFFALO AVE		21	11522.00	COMPOUND	3	92.76	899.30	2.31	2075.00	
Niagara Falls I	M60400055- 001	100 ENERGY BLVD	31926027	21	11174.00	COMPOUND	4	91.10	1091.64	2.61	2845.00	Covanta
Niagara Falls I	M60400055- 001	100 ENERGY BLVD		21	11174.00	COMPOUND	4	91.10	1091.64	2.61	2845.00	Covanta
Niagara Falls I	M60202858- 001	53RD & STEPHENSON	31919883	21	4361.00	COMPOUND	2	89.31	521.99	2.82	1473.00	OXY
Niagara Falls I	M51300750- 001	2747 BUFFALO AVE	70169061	4	223626.00	FIRE	10	97.46	5828.14	3.06	17850.00	Dupont
Niagara Falls I	M51300750- 001	2747 BUFFALO AVE	70170131	4	32324.00	COMPOUND	4	97.50	828.82	3.43	2845.00	Dupony
Niagara Falls I	M60202858- 001	53RD & STEPHENSON		21	35528.00	FIRE	8	90.89	3561.01	3.55	12658.00	OXY
Niagara Falls I	M60202858- 001	53RD & STEPHENSON		21	35528.00	FIRE	8	90.89	3561.01	3.55	12658.00	OXY
Niagara Falls I	M50701800- 001	2199 BUFFALO AVE		21	10445.00	COMPOUND	6	90.68	1073.53	4.05	4352.00	St. Gobain
Niagara Falls I	M60900407- 001	56TH & BAKER	31926056	21	6836.00	COMPOUND	4	91.10	667.84	4.26	2845.00	Goodyear
Niagara Falls I	M50701800- 001	2199 BUFFALO AVE	31924661	21	7423.00	COMPOUND	6	90.68	762.93	5.70	4352.00	St. Gobain
Niagara Falls I	M51300750- 001	2747 BUFFALO AVE	70169052	4	26813.00	COMPOUND	6	97.42	710.10	6.13	4352.00	Dupont
Niagara Falls I	M60202858- 001	53RD & STEPHENSON	31930989	20	6947.00	COMPOUND	6	91.08	680.36	6.40	4352.00	OXY
Niagara Falls I	M51300750- 001	2747 BUFFALO AVE	70169051	4	23263.00	COMPOUND	6	97.42	616.08	7.06	4352.00	Dupont
Niagara Falls I	M50901309- 001	2400 BUFFALO AVE	31957084	18	795.00	TURBINE	2	90.73	81.23	7.79	633.00	Olin
Niagara Falls I	M60202858- 001	53RD & STEPHENSON	31958407	18	5983.00	COMPOUND	6	91.87	529.46	8.22	4352.00	OXY
Niagara Falls I	M49400263- 001	4000 PACKARD RD		21	3305.00	COMPOUND	4	91.10	322.88	8.81	2845.00	Durez
Niagara Falls I	M48200604- 001	400 47TH ST		1	81437.00	FIRE	6	98.70	1072.63	9.63	10325.00	Niacet
Niagara Falls I	M49200584- 001	SERVICE RD		21	11826.00	FIRE	8	90.89	1185.33	10.68	12658.00	Goodyear
Niagara Falls I	M15800304- 001	4001 PACKARD RD		21	10466.00	FIRE	8	90.89	1049.02	12.07	12658.00	Norampac
Niagara Falls I	M51210054- 001	33 S HYDE PARK BLVD		21	433.00	TURBINE	2	89.31	51.83	12.21	633.00	

Attachment 5

M.E. Simpson Co., Inc.

For our clients, we deliver a team of water system experts who not only help bring their existing water systems to peak performance, but also help them build operation and maintenance programs uniquely tailored to their communities' needs. Water solutions that withstand the tests of both growth and time.

Water system specialists ... by the numbers

Water Loss Control Programs

+60,000 Large water meters serviced
100,000 Miles of pipe leak detection serviced

Asset Management Services

+500,000 Valves located + exercised

Fire Hydrant Flow Testing Program (water main capacity)

75,000 Fire hydrants flowed, maintained
+ water main capacity information developed

These numbers don't show the whole story. Behind them are M.E. Simpson Co, Inc.'s ongoing efforts to educate and grow its clients to become proud partners. Partners who can proactively deal with their municipality's unique water distribution systems, and confidently deliver safe water each and every day.



M.E. Simpson Co., Inc. was formed on the simple fact that water distribution systems cannot fail because they are critical to every community. When things are right, no one knows these systems exists. But when they are wrong, lives and livelihoods are disrupted. Our goal? To make sure yours is right. Always.



Leading, Innovating, Educating Our Commitment to the Industry

M.E. Simpson Co., Inc.'s team works with clients, community members and peers to educate them through public presentations, training seminars, and providing continuing education credits for water operators through various water groups. Our ongoing programs are the "go-to" seminars at local, state and national AWWA seminars and conferences:

Large Water Meter Evaluation

Testing + Repair

Water Distribution System Leak Surveys

Water Distribution System Valve Location

Exercising + Computerized Documentation

Fire Hydrant Maintenance

Water Main Capacity Training

Unidirectional Flushing

Best Management Practices
(for distribution system maintenance)

Providing solutions to maximize your
water distribution + collection systems

Stop water losses
Avert future problems
Maximize utility revenue
Lower distribution system losses
Secure your utility for years

Attachment 6

Water Audit & Revenue Recovery: Background

