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**Working Session of the
Niagara Falls Water Board
April 19, 2021 at 5:00 p.m.**

*****Meeting to be held via conference call pursuant to
Executive Order 202.1 as extended by 202.101 – visit NFWB.org for call-in details.*****

1. Attendance

Asklar ____ Forster ____ Kimble ____ Larkin ____ Leffler ____

2. Presentations (none scheduled)

3. Executive Director

- a. WWTP Project Budget Tracker (CPL)**
- b. WWTP Construction Schedule Tracker (CPL)**
- c. Financial Award Summary (CPL)**
- d. Cyber Liability Policy Renewal**

4. Superintendent

- a. Large Meter Information**
- b. Planned Demonstration of Movable and Remote Readable Leak Spy Data
Logger**
- c. Fleet Vehicle Update**

5. Engineering

6. Personnel Items

- a. April 26, 2021 Personnel Actions Sheet**
- b. Time Management System Update**

7. Information Technology (IT)

8. Financial Reports

- a. 2020 Audit Update
- b. Revenue Budget Performance Report through March 31
- c. Sewer Fund Expense Budget Performance Report through March 31
- d. Water Fund Expense Budget Performance Report through March 31
- e. Bank Balance Report – Bank on Buffalo and KeyBank
- f. Treasury Investment Bank Balance
- g. Wilmington Bank Balances
- h. Capital Payments – March 2021
- i. March 2021 Budget Transfers

9. Operations and Maintenance Report for March 2021

10. Safety

11. General Counsel and Secretary

- a. Draft Minutes for March 22, 2021 Meeting
- b. Draft Minutes for April 13, 2021 Special Meeting

12. From the Chairman

- a. Report on Roundtable with Staff

13. Resolutions

2021-04-001 – ESRI SOFTWARE LICENSE RENEWAL AGREEMENT

- a. Esri Renewal Agreement for 2021-2024

2021-04-002 WWTP SPDES PERMIT RENEWAL ENGINEERING AND SCIENTIFIC SUPPORT SERVICES

- a. AECOM Proposal dated March 31, 2021

2021-04-003 – AUTHORIZING OUTSIDE PIPES CREW LEADERS TO TAKE HOME WORK TRUCKS TO SPEED EMERGENCY RESPONSES

Additional Anticipated Resolutions for Regular Meeting:

- a. Transfer Station Coating Repair for Tanks 211-A, 216 & 217 (awaiting third quote).**

14. Unfinished/Old Business

- a. 18th Street Slip Line**
- b. Roof Study**
- c. Beech Ave. Water Tower**
- d. Caulking Project WTP**

15. New Business & Additional Items for Discussion

- a. 56th Street Water Tower**
- b. Lift Stations**
- c. Sanitary Flow Regulators**

16. Executive Session (anticipated)

- a. Interview of Executive Director Candidate: Motion to enter into executive session for the purpose of considering matters leading to the appointment or employment of a particular person (Public Officers Law § 105(f)).**

17. Adjournment of Meeting



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

Last Updated: 4/15/2021

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. Hohl completed demolition at scum building and basin 5. Currently working on scum building improvements.
			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)	\$414,930	79%	Construction continues at GPS. Outfall Work complete. GHD continues CA work with MWBE subcontractor CI support.
			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	0%	
			Project Total	\$4,350,630	28%	
			Remaining Budget	(\$250,630)		
3	Screens and Grit Transportation Equipment Improvements	\$1,920,000	Design, Bidding, and CA/CI (Arcadis - Approved)	\$314,315	53%	Currently in construction phase. Arcadis coordinating submittals with Hohl.
			GEN Construction (Hohl - Per Bid - Approved)	\$1,527,000	0%	
			ELEC Construction (CIR - Per Bid - Approved)	\$140,800	0%	
			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	100%	
			Final Project Total	\$1,717,668		
			Final Remaining Budget	\$282,332	86%	
5	Electrical System Improvements	\$2,610,000	Design/E.I. Team - Approved	\$226,000	67%	EI Team continues with Design of the final phase of electrical improvements.
			Phase 2 Design - Approved	\$133,566	0%	
			CA/CI/TBD - Approved	\$65,374	0%	
			Const. - Per original project Budget (EI Team Estimates \$6M)	\$1,832,432	0%	
			Task 1 Construction - Ferguson - Approved	\$352,627	51%	
			Project Total	\$2,610,000	7%	
			Remaining Budget	\$0		
			Design, Bid, and CI (AECOM - Approved)	\$190,233	94%	
			GEN Construction (M&B - Per Bid - Approved)	\$1,366,000	52%	

6	Effluent Disinfection	\$3,650,000	ELEC Construction (Ferguson - Per Bid - Approved)	\$108,000	98%	Currently addressing construction punchlist items with completion anticipated in the next month.
			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	69%	Project awarded, NFWB currently finalizing contract. EI Team will provide construction phase services.
			Construction - (Per Engineers 75% Estimate with 10% contingency)	\$1,019,680	0%	
			Running Total	\$1,160,000	8%	
			Remaining Budget	\$0		
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 #9 will be rebid with Project #11 in the next month.
			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)		\$24,308,524	
		Overall Phase 1 Remaining Budget to Date		\$2,916,476		

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 = \$7M)

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		
11	WWTP Misc. Piping	\$1,200,000	Design, Bidding, and CA/CI (JMD - Approved)	\$68,855	17%	Scheduled for re-bid in the next month with Project #9.
			Const./ Estimated Cost - Not Approved	\$1,131,145	0%	
			Running Total	\$1,200,000		
			Remaining Budget	\$0		
99	FEMA (Final Design, Bidding, and construction)	\$5,509,900	(FEMA Phase 1) Preliminary Design - GHD - Previously Approved	\$208,000	100%	On hold, waiting for guidance from NFWB on how to proceed.
			(FEMA Phase 2) Final Design, Bidding, and CA/CI - GHD - Approved	\$325,700	22%	
			(FEMA Phase 2) Construction Cost - Per GHD Estimate w/10% Contingency	\$5,184,200		
			Running Total (Not including preliminary design)	\$5,509,900		
			Total FEMA Funding (\$156,053 for Design and \$2,853,778 for Construction)	\$2,853,778		
			NYS Funding Portion (50% of Remaining)	\$1,328,061		
			NFWB Funding Portion (50% of Remaining)	\$1,328,061		
			Total	\$5,717,900		
Phase 2 Budget Available = \$13,000,000			Anticipated Total Cost (Percentage of Total Budget)			\$4,455,522
*Updated to reflect full available Phase 2 Budget, grant not yet approved			Overall Phase 2 Remaining Budget to Date		\$8,544,478	

ESTIMATED CONSTRUCTION SCHEDULE

NFWB CAPITAL IMPROVEMENT PROJECTS

Updated: (4-15-21)

[illegible]

NFWB Financial Award Summary

Last Updated: 4/15/21

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	EFC conf call 9/18/20. Agreement not signed. NFWB provided EFC with remaining documents. EFC will then process internally. Anticipated reimbursements can occur spring 2021. City Engineer started design on two streets. NFWB/CPL provided EFC with updated schedule 10/29/20. Bond closed with EFC, agreement pending.
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	EFC finance closing process underway. NFWB sent bond forms to EFC per their request. Awaiting EFC review & response.
Sewer Plant Consent Order Items 11 & 14	\$500,000 grant	NYS DEC & EFC R9-20170906-129	Paperwork submitted and EFC/DEC reviewed. NFWB coordination with EFC for required paperwork to start fund release process.
LaSalle Sewer Area Phase 1 system report update & flow monitoring	\$100,000 grant	NYSDEC Engineering Planning Grant EPG #93794	EFC & DEC conf call 9/21/20. EFC accepted Arcadis agreement 10/16/20. Agreement has been signed between NFWB & EFC. Anticipated reimbursements can occur spring 2021.
FUTURE			
2020 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.
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. Anticipate announcement from State June or July 2021.
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.
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		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.

Niagara Falls Water Board
Personnel Actions and Report
Monday, April 26, 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

B. RECOMMENDED PROMOTION / MOVE / APPOINTMENT				
Line Item Number	Name and Position	Type of labor move	Change in pay rate or grade	ADDITIONAL INFORMATION
1	Mark Richmond - MW2	Promotion to MW3	From Grade 9 (\$15.88/hr) To 12 (\$16.61/hr)	Meets minimum qualifications for MW3 and recommended by supervisor. \$.73 hourly increase equals approx. \$1,510 annually.

C. PREVIOUSLY TABLED PERSONNEL ACTIONS (From 2021)				
Line Item Number	Action and Position	Department/Location	Pay Rate or Grade	ADDITIONAL INFORMATION
1	Hire Electrician	WWTP	\$62,000/year	Tabled March 22.

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



Revenue Budget Performance Report

Fiscal Year to Date 03/31/21

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 YTD
Fund FA - Water Board - Water										
Department 0000 - Revenue										
REVENUE										
<i>Departmental Income</i>										
2122.001	Visual Inspections	42,350.00	.00	42,350.00	4,920.00	.00	12,420.00	29,930.00	29	8,822.50
2140.001	District 1	1,671,340.00	.00	1,671,340.00	2,187.39	.00	391,549.01	1,279,790.99	23	(146,411.61)
2140.002	District 2	1,967,868.00	.00	1,967,868.00	1,034.34	.00	476,078.99	1,491,789.01	24	3,665.81
2140.003	District 3	1,485,143.00	.00	1,485,143.00	352,178.78	.00	355,202.12	1,129,940.88	24	103,142.31
2140.004	Non-Resident	23,920.00	.00	23,920.00	.00	.00	(40,263.51)	64,183.51	-168	4,240.15
2140.005	Industrial	2,574,781.00	.00	2,574,781.00	375.00	.00	629,540.10	1,945,240.90	24	(244,653.09)
2140.006	Industrial SIU	2,074,065.00	.00	2,074,065.00	.00	.00	505,705.87	1,568,359.13	24	.00
2140.008	Hydrant Usage	5,412.00	.00	5,412.00	.00	.00	4,761.29	650.71	88	3,672.76
2140.599	Miscellaneous Departmental Incom	15,000.00	.00	15,000.00	.00	.00	332.39	14,667.61	2	800.00
2141.000	Allowance for Unpaid Trfd	(150,000.00)	.00	(150,000.00)	.00	.00	22,280.46	(172,280.46)	-15	36,694.18
2144.003	Fire Service	94,000.00	.00	94,000.00	.00	.00	.00	94,000.00	0	(45.60)
2144.005	Service Charge	480,822.00	.00	480,822.00	24,773.90	.00	112,388.10	368,433.90	23	113,364.10
2144.006	Lab Analysis	39,220.00	.00	39,220.00	5,378.00	.00	7,849.00	31,371.00	20	11,305.00
2144.008	Missing Meter Charge	40,350.00	.00	40,350.00	2,629.00	.00	7,872.50	32,477.50	20	6,954.00
2144.009	Mtr Install/Reinstall/Reactivate	15,220.00	.00	15,220.00	925.00	.00	1,425.00	13,795.00	9	2,100.00
2144.010	Final Meter Read/Inspect	10,500.00	.00	10,500.00	1,775.00	.00	4,675.00	5,825.00	45	3,500.00
2144.011	Hydrant Testing	300.00	.00	300.00	.00	.00	.00	300.00	0	.00
2144.012	Backflow Certification	6,830.00	.00	6,830.00	250.00	.00	1,920.00	4,910.00	28	925.00
2144.599	City of NF-Safety Specialist	.00	.00	.00	.00	.00	.00	.00	+++	15,614.84
2148.001	District 1	70,000.00	.00	70,000.00	.00	.00	9,198.03	60,801.97	13	11,422.53
2148.002	District 2	45,092.00	.00	45,092.00	.00	.00	7,796.66	37,295.34	17	7,489.64
2148.003	District 3	48,880.00	.00	48,880.00	12,103.20	.00	20,843.77	28,036.23	43	10,330.80
2148.004	Non-Resident	5,000.00	.00	5,000.00	.00	.00	197.09	4,802.91	4	209.16
2148.005	Industrial	16,200.00	.00	16,200.00	.00	.00	2,182.90	14,017.10	13	6,776.06
2148.006	Industrial SIU	6,000.00	.00	6,000.00	.00	.00	8,369.30	(2,369.30)	139	.00
2148.599	Penalty - Miscellaneous	3,504.00	.00	3,504.00	(22.80)	.00	(21.80)	3,525.80	-1	56.34
<i>Departmental Income Totals</i>		\$10,591,797.00	\$0.00	\$10,591,797.00	\$408,506.81	\$0.00	\$2,542,302.27	\$8,049,494.73	24%	(\$40,025.12)
<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	.00
<i>Intergovernmental Charges Totals</i>		\$225,817.00	\$0.00	\$225,817.00	\$0.00	\$0.00	\$0.00	\$225,817.00	0%	\$0.00
<i>Use Of Money & Property</i>										
2401.000	Interest Earnings	90,000.00	.00	90,000.00	.00	.00	(477.87)	90,477.87	-1	32,162.67
<i>Use Of Money & Property Totals</i>		\$90,000.00	\$0.00	\$90,000.00	\$0.00	\$0.00	(\$477.87)	\$90,477.87	-1%	\$32,162.67
<i>Licenses And Permits</i>										
2550.006	Cellular Towers	230,000.00	.00	230,000.00	21,393.90	.00	54,960.70	175,039.30	24	44,680.03
2590.004	Hydrant Permits & Rentals	16,800.00	.00	16,800.00	.00	.00	7,925.28	8,874.72	47	3,289.43
<i>Licenses And Permits Totals</i>		\$246,800.00	\$0.00	\$246,800.00	\$21,393.90	\$0.00	\$62,885.98	\$183,914.02	25%	\$47,969.46



Revenue Budget Performance Report

Fiscal Year to Date 03/31/21

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 YTD
Fund FA - Water Board - Water										
Department 0000 - Revenue										
REVENUE										
<i>Sale Of Prop/Cmp For Loss</i>										
2650.000	Sale Of Scrap	8,000.00	.00	8,000.00	.00	.00	.00	8,000.00	0	.00
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	\$0.00	\$0.00	\$0.00	\$10,855.00	0%	\$280.00
<i>Misc Local Sources</i>										
2701.000	Refund Appro Exp Prior Yr	.00	.00	.00	(674.70)	.00	(674.70)	674.70	+++	.00
2770.001	NSF Check Charge	5,000.00	.00	5,000.00	1,225.00	.00	2,415.00	2,585.00	48	1,470.00
2770.599	Undesignated	10,500.00	.00	10,500.00	.00	.00	.00	10,500.00	0	79.18
<i>Misc Local Sources Totals</i>		\$15,500.00	\$0.00	\$15,500.00	\$550.30	\$0.00	\$1,740.30	\$13,759.70	11%	\$1,549.18
<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	\$430,451.01	\$0.00	\$2,606,450.68	\$8,936,818.32	23%	\$41,936.19
Department 0000 - Revenue Totals		\$11,543,269.00	\$0.00	\$11,543,269.00	\$430,451.01	\$0.00	\$2,606,450.68	\$8,936,818.32	23%	\$41,936.19
Fund FA - Water Board - Water Totals		\$11,543,269.00	\$0.00	\$11,543,269.00	\$430,451.01	\$0.00	\$2,606,450.68	\$8,936,818.32		\$41,936.19
Fund GA - Water Board - Sewer										
Department 0000 - Revenue										
REVENUE										
<i>Departmental Income</i>										
2120.001	District 1	2,146,410.00	.00	2,146,410.00	2,895.95	.00	518,800.50	1,627,609.50	24	(179,848.42)
2120.002	District 2	2,514,064.00	.00	2,514,064.00	1,369.50	.00	632,420.85	1,881,643.15	25	2,955.40
2120.003	District 3	1,862,688.00	.00	1,862,688.00	467,481.39	.00	471,536.20	1,391,151.80	25	151,796.19
2120.005	Industrial CSIRU	4,035,200.00	.00	4,035,200.00	.00	.00	858,887.68	3,176,312.32	21	(361,562.42)
2120.006	Industrial SIU	8,365,632.00	.00	8,365,632.00	913,964.35	.00	1,807,930.58	6,557,701.42	22	(42,182.54)
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	.00	.00	6,831.06	(175.06)	103	5,690.83
2120.102	Town Of Niagara	675,000.00	.00	675,000.00	.00	.00	203,615.65	471,384.35	30	182,035.24
2122.001	Visual Inspections	.00	.00	.00	.00	.00	.00	.00	+++	(60.00)
2122.002	Dye Tests	41,102.00	.00	41,102.00	4,920.00	.00	12,420.00	28,682.00	30	8,882.50
2128.001	District 1	84,090.00	.00	84,090.00	.00	.00	11,963.79	72,126.21	14	15,230.36
2128.002	District 2	60,870.00	.00	60,870.00	.00	.00	10,342.04	50,527.96	17	10,211.42
2128.003	District 3	68,300.00	.00	68,300.00	15,860.63	.00	27,078.24	41,221.76	40	13,578.39
2128.005	Industrial	15,000.00	.00	15,000.00	.00	.00	2,559.32	12,440.68	17	7,886.28
2128.006	Industrial SIU	19,100.00	.00	19,100.00	.00	.00	554.06	18,545.94	3	567.00
2141.000	Allowance for Unpaid Trfd	20,715.00	.00	20,715.00	.00	.00	29,248.05	(8,533.05)	141	46,711.86



Revenue Budget Performance Report

Fiscal Year to Date 03/31/21

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 YTD
Fund	GA - Water Board - Sewer									
Department	0000 - Revenue									
	REVENUE									
	<i>Departmental Income Totals</i>	\$19,917,827.00	\$0.00	\$19,917,827.00	\$1,406,491.82	\$0.00	\$4,597,413.02	\$15,320,413.98	23%	(\$138,107.91)
	<i>Use Of Money & Property</i>									
2401.000	Interest Earnings	80,500.00	.00	80,500.00	.00	.00	(353.63)	80,853.63	0	23,800.77
	<i>Use Of Money & Property Totals</i>	\$80,500.00	\$0.00	\$80,500.00	\$0.00	\$0.00	(\$353.63)	\$80,853.63	0%	\$23,800.77
	<i>Licenses And Permits</i>									
2590.006	SIU 5-Yr Permits	6,250.00	.00	6,250.00	500.00	.00	750.00	5,500.00	12	1,000.00
	<i>Licenses And Permits Totals</i>	\$6,250.00	\$0.00	\$6,250.00	\$500.00	\$0.00	\$750.00	\$5,500.00	12%	\$1,000.00
	<i>Fines And Forfeits</i>									
2620.000	Forfeitures Of Deposits	800.00	.00	800.00	.00	.00	.00	800.00	0	450.00
	<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	929.39
2680.000	Insurance Recoveries	.00	.00	.00	.00	.00	.00	.00	+++	(26,979.30)
2690.001	Damages to WB Property	84,525.00	.00	84,525.00	.00	.00	.00	84,525.00	0	.00
	<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%	(\$26,049.91)
	<i>Misc Local Sources</i>									
2701.000	Refund Appro Exp Prior Yr	(7,800.00)	.00	(7,800.00)	(409.85)	.00	(409.85)	(7,390.15)	5	1,021.28
2770.599	Undesignated	.00	.00	.00	.00	.00	1,397.40	(1,397.40)	+++	.00
	<i>Misc Local Sources Totals</i>	(\$7,800.00)	\$0.00	(\$7,800.00)	(\$409.85)	\$0.00	\$987.55	(\$8,787.55)	-13%	\$1,021.28
	REVENUE TOTALS	\$20,084,452.00	\$0.00	\$20,084,452.00	\$1,406,581.97	\$0.00	\$4,598,796.94	\$15,485,655.06	23%	(\$137,885.77)
Department	0000 - Revenue Totals	\$20,084,452.00	\$0.00	\$20,084,452.00	\$1,406,581.97	\$0.00	\$4,598,796.94	\$15,485,655.06	23%	(\$137,885.77)
Fund	GA - Water Board - Sewer Totals	\$20,084,452.00	\$0.00	\$20,084,452.00	\$1,406,581.97	\$0.00	\$4,598,796.94	\$15,485,655.06		(\$137,885.77)
Fund	VFG - Plant Fund									
Department	0000 - Revenue									
	REVENUE									
	<i>Use Of Money & Property</i>									
2401.000	Interest Earnings	1,100,000.00	.00	1,100,000.00	.00	.00	64,485.13	1,035,514.87	6	150,125.22
	<i>Use Of Money & Property Totals</i>	\$1,100,000.00	\$0.00	\$1,100,000.00	\$0.00	\$0.00	\$64,485.13	\$1,035,514.87	6%	\$150,125.22
	<i>Operating Transfers In</i>									
5031.FA	Transfer Fr Water Divisn.	2,182,651.00	.00	2,182,651.00	.00	.00	21,718.72	2,160,932.28	1	3,892,807.20
5031.GA	Transfer Fr Sewer Divisn.	3,995,379.00	.00	3,995,379.00	.00	.00	32,578.08	3,962,800.92	1	5,839,210.80
	<i>Operating Transfers In Totals</i>	\$6,178,030.00	\$0.00	\$6,178,030.00	\$0.00	\$0.00	\$54,296.80	\$6,123,733.20	1%	\$9,732,018.00
	REVENUE TOTALS	\$7,278,030.00	\$0.00	\$7,278,030.00	\$0.00	\$0.00	\$118,781.93	\$7,159,248.07	2%	\$9,882,143.22
Department	0000 - Revenue Totals	\$7,278,030.00	\$0.00	\$7,278,030.00	\$0.00	\$0.00	\$118,781.93	\$7,159,248.07	2%	\$9,882,143.22
Fund	VFG - Plant Fund Totals	\$7,278,030.00	\$0.00	\$7,278,030.00	\$0.00	\$0.00	\$118,781.93	\$7,159,248.07		\$9,882,143.22
	Grand Totals	\$38,905,751.00	\$0.00	\$38,905,751.00	\$1,837,032.98	\$0.00	\$7,324,029.55	\$31,581,721.45		\$9,786,193.64



Expense Budget Performance Report

Fiscal Year to Date 03/31/21

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 YTD
Fund	GA - Water Board - Sewer									
	EXPENSE									
	<i>Personnel - Position Control</i>									
0110.000	Biweekly Payroll	2,801,679.00	.00	2,801,679.00	192,666.66	.00	568,906.18	2,232,772.82	20	619,697.38
0153.000	Stipend	.00	.00	.00	.00	.00	.00	.00	+++	96.15
	<i>Personnel - Position Control Totals</i>	\$2,801,679.00	\$0.00	\$2,801,679.00	\$192,666.66	\$0.00	\$568,906.18	\$2,232,772.82	20%	\$619,793.53
	<i>Personnel Services</i>									
0111.000	Biwkly Comp Differential	.00	.00	.00	1,078.31	.00	2,346.91	(2,346.91)	+++	1,582.70
0125.000	Insurance OPT Out	122,148.00	.00	122,148.00	8,782.34	.00	26,831.63	95,316.37	22	23,372.37
0130.000	Temporary Payroll	111,964.00	(13,691.00)	98,273.00	11,860.00	.00	34,020.00	64,253.00	35	26,895.00
0140.000	Overtime	223,300.00	.00	223,300.00	11,478.29	.00	35,556.23	187,743.77	16	50,870.08
0150.000	Acting Next-In-Rank Pay	12,480.00	.00	12,480.00	1,089.00	.00	4,132.86	8,347.14	33	4,136.25
0151.A	Sunday Contractual Pay	.00	.00	.00	3,725.10	.00	10,870.85	(10,870.85)	+++	11,039.13
0152.000	Shift Premium Pay	8,500.00	.00	8,500.00	20.58	.00	84.48	8,415.52	1	76.29
0155.A	Holiday Contractual Pay	.00	.00	.00	.00	.00	6,678.43	(6,678.43)	+++	7,801.66
0155.000	Holiday Pay	9,298.00	.00	9,298.00	1,979.92	.00	20,610.29	(11,312.29)	222	22,493.74
0165.000	Military Leave	.00	.00	.00	740.82	.00	1,736.88	(1,736.88)	+++	.00
0170.000	Overtime Meals	6,225.00	.00	6,225.00	339.75	.00	1,054.75	5,170.25	17	1,334.75
0181.000	Vacation Pay	.00	.00	.00	9,532.36	.00	38,504.65	(38,504.65)	+++	31,810.05
0182.000	Personal Time	.00	.00	.00	168.54	.00	1,626.96	(1,626.96)	+++	2,456.31
0183.000	Compensatory Time Off	.00	.00	.00	416.23	.00	1,482.21	(1,482.21)	+++	1,335.68
0184.000	Funeral Leave	.00	.00	.00	1,706.01	.00	1,706.01	(1,706.01)	+++	1,652.36
0185.000	Jury Duty	.00	.00	.00	1,780.46	.00	3,075.34	(3,075.34)	+++	.00
0186.000	Call-In Time	7,750.00	.00	7,750.00	1,958.19	.00	5,513.48	2,236.52	71	5,099.57
0189.000	Sick Leave	.00	.00	.00	4,809.88	.00	14,707.70	(14,707.70)	+++	13,257.43
	<i>Personnel Services Totals</i>	\$501,665.00	(\$13,691.00)	\$487,974.00	\$61,465.78	\$0.00	\$210,539.66	\$277,434.34	43%	\$205,213.37
	<i>Capital Outlays</i>									
0250.500	Safety Equipment	25,000.00	.00	25,000.00	.00	6,300.00	101.34	18,598.66	26	6,848.62
	<i>Capital Outlays Totals</i>	\$25,000.00	\$0.00	\$25,000.00	\$0.00	\$6,300.00	\$101.34	\$18,598.66	26%	\$6,848.62
	<i>Contractual Expenses</i>									
0411.000	Office Supplies	2,750.00	.00	2,750.00	365.13	.00	558.61	2,191.39	20	644.97
0412.000	Uniforms	2,170.00	.00	2,170.00	.00	.00	.00	2,170.00	0	.00
0413.000	Safety Shoes	10,400.00	.00	10,400.00	1,179.98	.00	1,957.90	8,442.10	19	2,215.94
0414.000	Automotive-Gas,Oil,Grease	40,000.00	.00	40,000.00	3,703.40	.00	3,703.40	36,296.60	9	455.38
0416.000	Consumable Printed Forms	700.00	.00	700.00	378.75	.00	378.75	321.25	54	280.70
0417.000	Tool Allowance	300.00	.00	300.00	.00	.00	.00	300.00	0	.00
0419.001	Automotive Parts	25,000.00	.00	25,000.00	3,115.79	1,002.70	5,516.79	18,480.51	26	15,467.70
0419.003	Cleaning/Sanitary	5,000.00	.00	5,000.00	.00	332.00	254.40	4,413.60	12	655.05
0419.004	Agricultural/Botanical	40,000.00	.00	40,000.00	.00	.00	.00	40,000.00	0	.00
0419.005	Tools & Machine Parts	207,100.00	.00	207,100.00	9,382.85	92,646.18	22,644.46	91,809.36	56	56,667.21
0419.006	Construction/Repair	142,500.00	.00	142,500.00	2,622.33	3,255.76	11,677.78	127,566.46	10	10,792.95



Expense Budget Performance Report

Fiscal Year to Date 03/31/21

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 YTD
Fund	GA - Water Board - Sewer									
	EXPENSE									
	<i>Contractual Expenses</i>									
0419.008	Signals/Communication	5,000.00	.00	5,000.00	.00	.00	.00	5,000.00	0	.00
0419.009	Misc Chemicals	19,500.00	.00	19,500.00	4,599.61	830.98	4,599.61	14,069.41	28	411.91
0419.010	Laboratory	26,000.00	.00	26,000.00	2,373.62	5,298.26	3,209.71	17,492.03	33	2,090.90
0419.012	Carbon	110,000.00	.00	110,000.00	.00	.00	.00	110,000.00	0	.00
0419.014	Ferric Chloride	410,000.00	.00	410,000.00	37,710.64	113,939.78	91,060.22	205,000.00	50	89,697.72
0419.016	Primary Polymer	120,000.00	.00	120,000.00	.00	50,000.00	.00	70,000.00	42	18,348.00
0419.017	Sludge Polymer	110,000.00	.00	110,000.00	.00	30,040.00	24,960.00	55,000.00	50	8,216.00
0419.018	Pebble Lime	230,000.00	.00	230,000.00	12,785.20	76,251.56	33,748.44	120,000.00	48	35,466.36
0419.024	Hypochlorite Solution	2,500,000.00	.00	2,500,000.00	104,781.57	598,811.98	401,188.02	1,500,000.00	40	531,975.16
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	4,855.52	8,994.91	9,061.76	30,943.33	37	13,379.92
0421.001	Phone Extension Chgs	43,925.00	.00	43,925.00	3,969.51	.00	9,497.19	34,427.81	22	9,182.44
0421.002	Wireless Services	16,000.00	.00	16,000.00	742.45	.00	1,256.91	14,743.09	8	1,611.15
0422.000	Light & Power	633,000.00	.00	633,000.00	57,099.68	.00	117,602.23	515,397.77	19	128,013.59
0423.000	Water/Sewer	486,000.00	.00	486,000.00	161,921.86	.00	161,921.86	324,078.14	33	.00
0424.000	Gas	25,000.00	.00	25,000.00	2,539.55	.00	7,459.96	17,540.04	30	8,643.78
0432.000	Property Insurance	142,500.00	.00	142,500.00	.00	.00	.00	142,500.00	0	.00
0433.000	Liability Insurance	88,512.00	.00	88,512.00	1,009.00	.00	110,076.60	(21,564.60)	124	102,312.60
0440.003	Motor Vehicle Equipment	80,000.00	.00	80,000.00	6,302.80	.00	18,908.40	61,091.60	24	18,909.91
0440.599	Undesignated Leases	1,050.00	.00	1,050.00	74.53	.00	227.92	822.08	22	189.77
0441.000	Rental Of Real Property	75.00	.00	75.00	.00	.00	.00	75.00	0	.00
0442.000	Rental Of Equipment	14,000.00	.00	14,000.00	332.43	560.00	1,059.95	12,380.05	12	651.30
0442.003	Motor Vehicle Equip Rentl	.00	9,565.00	9,565.00	4,653.10	.00	5,099.60	4,465.40	53	879.12
0442.599	Undesignated Rentals	2,700.00	.00	2,700.00	62.99	1,668.24	231.76	800.00	70	421.03
0443.000	Repair Of Real Property	35,000.00	.00	35,000.00	.00	2,892.50	2,320.20	29,787.30	15	3,102.45
0444.000	Repair Of Equipment	163,745.00	.00	163,745.00	1,646.00	11,009.56	5,856.63	146,878.81	10	5,487.08
0446.000	Computer Services	2,500.00	.00	2,500.00	349.98	.00	1,049.93	1,450.07	42	1,049.92
0449.000	Billing & Collection	42,500.00	.00	42,500.00	3,429.72	.00	10,289.16	32,210.84	24	8,205.86
0449.002	Sludge Disposal	1,750,000.00	.00	1,750,000.00	180,396.50	602,560.27	397,439.73	750,000.00	57	390,416.54
0449.004	Special Security	.00	.00	.00	.00	.00	.00	.00	+++	215.00
0449.500	Safety-Contractual	3,200.00	.00	3,200.00	.00	.00	.00	3,200.00	0	495.50
0449.599	Undesignated Services	157,000.00	.00	157,000.00	13,458.61	40,300.95	10,226.46	106,472.59	32	8,874.13
0451.000	Consultants	73,762.00	.00	73,762.00	4,368.33	13,595.17	12,348.33	47,818.50	35	15,240.14
0454.000	Attorney Services	80,000.00	.00	80,000.00	3,091.75	.00	3,283.00	76,717.00	4	13,621.30
0461.000	Postage	15,000.00	.00	15,000.00	788.44	.00	7,176.63	7,823.37	48	576.72
0463.000	Travel & Training Expense	8,320.00	.00	8,320.00	.00	.00	.00	8,320.00	0	1,432.50
0463.500	Safety Training	1,000.00	.00	1,000.00	.00	.00	.00	1,000.00	0	.00
0465.000	Laundry & Cleaning	8,745.00	.00	8,745.00	124.70	1,125.72	299.28	7,320.00	16	2,410.18



Expense Budget Performance Report

Fiscal Year to Date 03/31/21

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 YTD
Fund	GA - Water Board - Sewer									
	EXPENSE									
	<i>Contractual Expenses</i>									
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	.00	.00	89.48	410.52	18	35.04
0471.000	Recruitment Expenditures	400.00	.00	400.00	.00	.00	.00	400.00	0	60.13
	<i>Contractual Expenses Totals</i>	\$8,130,354.00	\$9,565.00	\$8,139,919.00	\$634,216.32	\$1,655,116.52	\$1,500,251.06	\$4,984,551.42	39%	\$1,510,603.05
	<i>Employee Benefits</i>									
0801.000	NYS E.R.S. Retirement	391,435.00	.00	391,435.00	.00	.00	106,755.83	284,679.17	27	94,959.33
0820.000	Worker's Compensation	262,000.00	.00	262,000.00	(6,113.37)	.00	(4,864.27)	266,864.27	-2	(3,393.68)
0830.000	Life Insurance	11,660.00	.00	11,660.00	1,090.63	.00	3,282.76	8,377.24	28	2,490.38
0840.000	Unemployment Ins. NYS	17,253.00	.00	17,253.00	.00	.00	.00	17,253.00	0	6,332.59
0860.000	Medical Insurance	2,675,896.00	.00	2,675,896.00	184,940.65	.00	622,984.82	2,052,911.18	23	621,633.53
0861.000	Dental Insurance	28,400.00	.00	28,400.00	.00	.00	.00	28,400.00	0	.00
0863.000	Vision Care Insurance	5,982.00	.00	5,982.00	488.53	.00	1,453.12	4,528.88	24	1,472.52
0865.000	Chiropractic Insurance	965.00	.00	965.00	120.00	.00	160.00	805.00	17	400.00
	<i>Employee Benefits Totals</i>	\$3,393,591.00	\$0.00	\$3,393,591.00	\$180,526.44	\$0.00	\$729,772.26	\$2,663,818.74	22%	\$723,894.67
	<i>Employee Benefit - FICA</i>									
0810.000	Social Security	276,572.00	.00	276,572.00	18,953.76	.00	58,177.56	218,394.44	21	61,812.80
	<i>Employee Benefit - FICA Totals</i>	\$276,572.00	\$0.00	\$276,572.00	\$18,953.76	\$0.00	\$58,177.56	\$218,394.44	21%	\$61,812.80
	<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	.00	.00	32,578.08	4,180,344.92	1	4,418,229.00
	<i>Interfund Transfers Totals</i>	\$4,955,591.00	\$0.00	\$4,955,591.00	\$0.00	\$0.00	\$32,578.08	\$4,923,012.92	1%	\$5,909,210.80
	EXPENSE TOTALS	\$20,084,452.00	(\$4,126.00)	\$20,080,326.00	\$1,087,828.96	\$1,661,416.52	\$3,100,326.14	\$15,318,583.34	24%	\$9,037,376.84
Fund	GA - Water Board - Sewer Totals	\$20,084,452.00	(\$4,126.00)	\$20,080,326.00	\$1,087,828.96	\$1,661,416.52	\$3,100,326.14	\$15,318,583.34		\$9,037,376.84
	Grand Totals	\$20,084,452.00	(\$4,126.00)	\$20,080,326.00	\$1,087,828.96	\$1,661,416.52	\$3,100,326.14	\$15,318,583.34		\$9,037,376.84



Expense Budget Performance Report

Fiscal Year to Date 03/31/21

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 YTD
Fund	FA - Water Board - Water									
	EXPENSE									
	<i>Personnel - Position Control</i>									
0110.000	Biweekly Payroll	2,429,005.00	.00	2,429,005.00	167,418.57	.00	486,787.42	1,942,217.58	20	494,614.57
0153.000	Stipend	4,925.00	.00	4,925.00	461.42	.00	1,384.26	3,540.74	28	1,480.42
	<i>Personnel - Position Control Totals</i>	\$2,433,930.00	\$0.00	\$2,433,930.00	\$167,879.99	\$0.00	\$488,171.68	\$1,945,758.32	20%	\$496,094.99
	<i>Personnel Services</i>									
0125.000	Insurance OPT Out	66,872.00	.00	66,872.00	4,696.86	.00	14,236.49	52,635.51	21	12,462.13
0130.000	Temporary Payroll	22,650.00	(4,180.00)	18,470.00	.00	.00	285.14	18,184.86	2	6,376.13
0140.000	Overtime	75,319.00	.00	75,319.00	4,235.17	.00	13,863.68	61,455.32	18	17,510.23
0151.A	Sunday Contractual Pay	14,385.00	.00	14,385.00	1,187.05	.00	3,506.13	10,878.87	24	3,448.40
0152.000	Shift Premium Pay	.00	.00	.00	18.44	.00	63.61	(63.61)	+++	87.46
0155.A	Holiday Contractual Pay	6,950.00	.00	6,950.00	.00	.00	1,757.89	5,192.11	25	1,700.44
0155.000	Holiday Pay	.00	.00	.00	2,448.71	.00	22,473.00	(22,473.00)	+++	23,341.28
0165.000	Military Leave	.00	.00	.00	.00	.00	.00	.00	+++	181.98
0170.000	Overtime Meals	2,505.00	.00	2,505.00	115.75	.00	391.25	2,113.75	16	518.75
0181.000	Vacation Pay	.00	.00	.00	8,374.24	.00	41,395.49	(41,395.49)	+++	26,289.42
0182.000	Personal Time	.00	.00	.00	(253.25)	.00	1,704.30	(1,704.30)	+++	1,551.39
0183.000	Compensatory Time Off	.00	.00	.00	156.14	.00	733.02	(733.02)	+++	667.36
0184.000	Funeral Leave	.00	.00	.00	734.05	.00	1,195.64	(1,195.64)	+++	563.15
0186.000	Call-In Time	6,475.00	.00	6,475.00	648.48	.00	2,434.60	4,040.40	38	2,042.55
0189.000	Sick Leave	.00	.00	.00	4,206.13	.00	24,818.45	(24,818.45)	+++	12,965.32
0190.000	Vacation Cash Conversion	5,329.00	.00	5,329.00	.00	.00	.00	5,329.00	0	.00
	<i>Personnel Services Totals</i>	\$200,485.00	(\$4,180.00)	\$196,305.00	\$26,567.77	\$0.00	\$128,858.69	\$67,446.31	66%	\$109,705.99
	<i>Capital Outlays</i>									
0210.000	Furniture & Furnishings	500.00	.00	500.00	.00	.00	.00	500.00	0	.00
0220.000	Office Equipment	500.00	.00	500.00	.00	.00	.00	500.00	0	.00
0230.000	Motor Vehicle Equipment	86,000.00	.00	86,000.00	.00	.00	.00	86,000.00	0	.00
0250.000	Other Equipment	28,000.00	.00	28,000.00	.00	.00	.00	28,000.00	0	.00
0250.007	Computer Equipment	25,500.00	.00	25,500.00	.00	689.88	59.95	24,750.17	3	103.25
0250.500	Safety Equipment	7,957.00	.00	7,957.00	.00	.00	1,084.04	6,872.96	14	1,023.94
	<i>Capital Outlays Totals</i>	\$148,457.00	\$0.00	\$148,457.00	\$0.00	\$689.88	\$1,143.99	\$146,623.13	1%	\$1,127.19
	<i>Contractual Expenses</i>									
0411.000	Office Supplies	15,200.00	.00	15,200.00	663.59	182.07	2,224.21	12,793.72	16	1,997.73
0412.000	Uniforms	2,050.00	.00	2,050.00	.00	.00	.00	2,050.00	0	347.90
0413.000	Safety Shoes	8,200.00	.00	8,200.00	200.00	.00	1,208.27	6,991.73	15	1,495.32
0414.000	Automotive-Gas,Oil,Grease	45,000.00	.00	45,000.00	5,640.57	53.25	5,640.57	39,306.18	13	70.15
0415.000	Fuel Oil	30,000.00	.00	30,000.00	8,083.56	.00	8,083.56	21,916.44	27	.00
0416.000	Consumable Printed Forms	700.00	.00	700.00	378.76	.00	378.76	321.24	54	280.70
0417.000	Tool Allowance	150.00	.00	150.00	.00	.00	.00	150.00	0	.00
0419.001	Automotive Parts	20,000.00	.00	20,000.00	1,544.95	199.74	3,622.68	16,177.58	19	5,805.79



Expense Budget Performance Report

Fiscal Year to Date 03/31/21

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 YTD
Fund	FA - Water Board - Water									
	EXPENSE									
	<i>Contractual Expenses</i>									
0419.003	Cleaning/Sanitary	5,000.00	.00	5,000.00	.00	.00	.00	5,000.00	0	817.99
0419.005	Tools & Machine Parts	77,500.00	.00	77,500.00	4,020.60	6,213.78	14,847.57	56,438.65	27	5,019.13
0419.006	Construction/Repair	174,000.00	.00	174,000.00	18,191.48	13,005.36	37,003.93	123,990.71	29	34,438.58
0419.009	Misc Chemicals	361,000.00	.00	361,000.00	32,266.38	30,449.57	80,010.61	250,539.82	31	61,550.26
0419.010	Laboratory	31,000.00	.00	31,000.00	3,737.67	1,571.62	4,180.96	25,247.42	19	4,933.48
0419.599	Undesignated Supplies	9,450.00	.00	9,450.00	695.56	1,868.87	718.52	6,862.61	27	.00
0421.001	Phone Extension Chgs	25,000.00	.00	25,000.00	1,858.37	.00	3,717.13	21,282.87	15	3,524.03
0421.002	Wireless Services	16,000.00	.00	16,000.00	1,108.55	.00	2,344.67	13,655.33	15	2,548.92
0422.000	Light & Power	500,000.00	.00	500,000.00	65,727.77	.00	123,639.65	376,360.35	25	105,440.11
0423.000	Water/Sewer	698,000.00	.00	698,000.00	168,451.54	.00	168,451.54	529,548.46	24	.00
0424.000	Gas	20,000.00	.00	20,000.00	2,306.20	.00	4,926.74	15,073.26	25	4,847.25
0432.000	Property Insurance	85,000.00	.00	85,000.00	.00	.00	.00	85,000.00	0	.00
0433.000	Liability Insurance	65,500.00	.00	65,500.00	1,902.00	.00	90,578.40	(25,078.40)	138	82,978.40
0440.003	Motor Vehicle Equipment	84,000.00	.00	84,000.00	6,302.80	.00	19,231.67	64,768.33	23	19,102.93
0440.599	Undesignated Leases	1,050.00	.00	1,050.00	93.67	.00	266.41	783.59	25	327.95
0442.000	Rental Of Equipment	4,000.00	.00	4,000.00	332.42	.00	669.95	3,330.05	17	651.30
0442.003	Motor Vehicle Equip Rentl	5,000.00	8,306.00	13,306.00	4,653.10	.00	5,099.60	8,206.40	38	879.12
0442.599	Undesignated Rentals	5,000.00	.00	5,000.00	238.62	1,160.76	639.24	3,200.00	36	180.00
0444.000	Repair Of Equipment	23,700.00	.00	23,700.00	598.62	598.12	3,537.44	19,564.44	17	700.00
0446.000	Computer Services	4,000.00	.00	4,000.00	349.97	.00	1,049.92	2,950.08	26	1,049.93
0446.008	Software Maint/Licenses	335,000.00	.00	335,000.00	24,932.91	42,891.54	70,970.04	221,138.42	34	35,204.55
0449.000	Billing & Collection	42,500.00	.00	42,500.00	3,429.71	.00	10,289.13	32,210.87	24	8,205.86
0449.001	Sludge Removal	80,000.00	.00	80,000.00	.00	.00	.00	80,000.00	0	.00
0449.500	Safety-Contractual	1,300.00	.00	1,300.00	.00	.00	.00	1,300.00	0	495.50
0449.599	Undesignated Services	830,000.00	.00	830,000.00	1,126.43	26,018.76	708,201.52	95,779.72	88	706,533.20
0451.000	Consultants	63,000.00	.00	63,000.00	3,001.50	.00	5,194.50	57,805.50	8	2,396.00
0454.000	Attorney Services	50,000.00	.00	50,000.00	3,016.75	.00	3,208.00	46,792.00	6	18,229.01
0461.000	Postage	20,000.00	.00	20,000.00	788.44	.00	7,176.64	12,823.36	36	576.72
0463.000	Travel & Training Expense	13,800.00	.00	13,800.00	91.20	.00	91.20	13,708.80	1	3,562.99
0465.000	Laundry & Cleaning	3,000.00	.00	3,000.00	158.15	620.44	379.56	2,000.00	33	.00
0467.000	Advertising	500.00	.00	500.00	.00	.00	46.56	453.44	9	35.04
0471.000	Recruitment Expenditures	800.00	.00	800.00	.00	.00	.00	800.00	0	60.13
	<i>Contractual Expenses Totals</i>	\$3,755,400.00	\$8,306.00	\$3,763,706.00	\$365,891.84	\$124,833.88	\$1,387,629.15	\$2,251,242.97	40%	\$1,114,285.97
	<i>Employee Benefits</i>									
0801.000	NYS E.R.S. Retirement	195,817.00	.00	195,817.00	.00	.00	53,377.92	142,439.08	27	47,479.67
0820.000	Worker's Compensation	262,000.00	.00	262,000.00	(4,075.60)	.00	(3,242.86)	265,242.86	-1	102.69
0830.000	Life Insurance	8,931.00	.00	8,931.00	823.15	.00	2,676.67	6,254.33	30	1,916.69
0840.000	Unemployment Ins. NYS	26,019.00	.00	26,019.00	.00	.00	.00	26,019.00	0	6,332.59



Expense Budget Performance Report

Fiscal Year to Date 03/31/21

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 YTD
Fund	FA - Water Board - Water									
	EXPENSE									
	<i>Employee Benefits</i>									
0860.000	Medical Insurance	1,572,882.00	.00	1,572,882.00	118,030.09	.00	397,267.06	1,175,614.94	25	395,562.61
0861.000	Dental Insurance	55,305.00	.00	55,305.00	.00	.00	.00	55,305.00	0	.00
0863.000	Vision Care Insurance	4,240.00	.00	4,240.00	323.31	.00	967.53	3,272.47	23	933.72
0865.000	Chiropractic Insurance	2,200.00	.00	2,200.00	160.00	.00	360.00	1,840.00	16	360.00
	<i>Employee Benefits Totals</i>	\$2,127,394.00	\$0.00	\$2,127,394.00	\$115,260.95	\$0.00	\$451,406.32	\$1,675,987.68	21%	\$452,687.97
	<i>Employee Benefit - FICA</i>									
0810.000	Social Security	215,454.00	.00	215,454.00	14,482.69	.00	46,014.66	169,439.34	21	45,329.97
	<i>Employee Benefit - FICA Totals</i>	\$215,454.00	\$0.00	\$215,454.00	\$14,482.69	\$0.00	\$46,014.66	\$169,439.34	21%	\$45,329.97
	<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	.00	.00	21,718.72	2,035,932.28	1	2,945,486.00
	<i>Interfund Transfers Totals</i>	\$2,662,149.00	\$0.00	\$2,662,149.00	\$0.00	\$0.00	\$21,718.72	\$2,640,430.28	1%	\$3,962,807.20
	EXPENSE TOTALS	\$11,543,269.00	\$4,126.00	\$11,547,395.00	\$690,083.24	\$125,523.76	\$2,524,943.21	\$8,896,928.03	23%	\$6,182,039.28
Fund	FA - Water Board - Water Totals	\$11,543,269.00	\$4,126.00	\$11,547,395.00	\$690,083.24	\$125,523.76	\$2,524,943.21	\$8,896,928.03		\$6,182,039.28
	Grand Totals	\$11,543,269.00	\$4,126.00	\$11,547,395.00	\$690,083.24	\$125,523.76	\$2,524,943.21	\$8,896,928.03		\$6,182,039.28

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

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	17,497,996.15	(2,853.35)	*	2,740.10	17,497,882.90	21,678,437.43
MAR	17,497,882.90	(10,054.95)		8,536.63	17,496,364.58	21,793,908.42
APR						
MAY						
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
	X4899	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	-	-	-	-	2,554,504.44
Totals			17,949,013.79	669,894.03	(1,454,473.55)	36,317.14	(748,262.38)	17,200,751.41

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
	X4899	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	2,554,504.44	625,550.82	(1,586,708.36)	-	(961,157.54)	1,593,346.90
Totals			17,200,751.41	1,293,944.85	(1,588,208.36)	30,367.01	(263,896.50)	16,936,854.91

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
	X4899	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	1,593,346.90	-	(517,937.97)	11.34	(517,926.63)	1,075,420.27
Totals			16,936,854.91	666,894.03	(517,937.97)	35,865.99	184,822.05	17,121,676.96

BANK PAID DATE	Req #	Date	PP # of #	VENDOR	Project Name	DESCRIPTION	INVOICE	AMOUNT	CIP FUNDING ACCOUNT
3/1/2021	2020-161	10/30/2020	5	AECOM	WWTP Rehab 4A-Sed Basins	Developing Bid Documents	2000433613-Draft 5	\$ 95,882.82	WWTP-1
3/1/2021	2021-034	1/26/2021	20	Kaman Automation	SCADA Upgrades	SCADA Upgrade	CTR0042838	\$ 13,457.50	WWTP-10
3/1/2021	2021-035	12/31/2020	6	AECOM	WWTP Rehab 4F-Chemical Improvements	Effluent Disinfection System Design & Construction	2000449106	\$ 7,029.00	WWTP-6
3/1/2021	2021-036	2/5/2021	7	AECOM	WWTP Rehab 4F-Chemical Improvements	Effluent Disinfection System Design & Construction	2000458143	\$ 1,199.00	WWTP-6
3/1/2021	2021-037	12/26/2020	19	GHD	Gorge Pump Station Rehab	Reporting & Construction Administration	82420	\$ 22,270.24	WWTP-2
3/5/2021	2021-038	1/26/2021	1	Mark Cerrone	Sewer GPS Infrastructure-Miscellaneous	Walnut Ave & Tronolone Place 12" Combined Sewer Project	2008	\$ 34,314.00	S-8
3/9/2021	2021-039	2/28/2021	6	CIR Electric	Gorge Pump Station Rehab	Gorge Pump Station Rehab	42301	\$ 19,152.00	WWTP-2
3/9/2021	2021-040	2/28/2021	Retainage	Mark Cerrone	Sewer Repair	12" Combo-Vanderbilt	Retention	\$ 1,648.25	S-8
3/25/2021	2021-041	11/13/2020	1	John W. Danforth	Gorge Pump Station Rehab	Heating & Ventilation	PB107571	\$ 100,320.00	WWTP-2
3/25/2021	2021-042	1/31/2021	5	CIR Electric	Gorge Pump Station Rehab	Gorge Pump Station Rehab-Electrical	42011	\$ 8,813.15	WWTP-2
3/25/2021	2021-043	2/21/2021	3	Arcadis	WQIP Engineering Report	Engineering Report	34219420	\$ 4,534.50	S-3
3/25/2021	2021-044	2/28/2021	11	Mollenberg-Betz	Effluent Disinfection	Effluent Disinfection	39806	\$ 13,846.58	WWTP-6
3/25/2021	2021-045	3/8/2021	9	AECOM	Professional Services	Consent Order Services	2000469590	\$ 3,728.27	C-5
3/25/2021	2021-046	2/5/2021	2	AECOM	Consent Order Services-Pilot Scale Testing Evaluation	Pilot Scale Testing Evaluation-Professional Services	2000458076	\$ 10,853.12	WWTP-17
3/25/2021	2021-047	3/5/2021	3	AECOM	Consent Order Services-Pilot Scale Testing Evaluation	Pilot Scale Testing Evaluation-Professional Services	2000469139	\$ 2,121.17	WWTP-17
3/25/2021	2021-048	3/4/2021	11	AECOM	Professional Services	Consent Order Services	2000468680	\$ 5,915.37	C-5
3/25/2021	2021-049	2/28/2021	4	STC Construction	Gorge Pump Station Rehab	Gorge Pump Station General Contractor	15688-2G	\$ 169,052.50	WWTP-2
3/25/2021	2021-050	2/28/2021	9(12)	Ferguson Electric	Effluent Disinfection	Effluent Disinfection System	16588-12	\$ 3,800.50	WWTP-6
							TOTAL	\$ 517,937.97	

NFWB Live
Budget Amendments Report
 From Date: 3/1/2021 - To Date: 3/31/2021

Account	G/L Date	Journal	Description	Increases	Decreases	Amended Balance
Fund: FA Water Board - Water						
Department: 8340 Transmissn/Distribution						
Sub Department: 0200 Maintenance						
0130.000 - Temporary Payroll				Amended Balance as of: 3/1/2021		\$12,525.00
	03/17/2021	2021-00000785	TO COVER COST OF EMERGENCY BULLDOZER RENTAL	\$0.00	\$4,180.00	\$8,345.00
				\$0.00	\$4,180.00	\$8,345.00
0442.003 - Motor Vehicle Equip Rentl				Amended Balance as of: 3/1/2021		\$5,000.00
	03/17/2021	2021-00000785	TO COVER COST OF EMERGENCY BULLDOZER RENTAL	\$8,306.00	\$0.00	\$13,306.00
				\$8,306.00	\$0.00	\$13,306.00
Sub Department: 0200 Maintenance Totals:				\$8,306.00	\$4,180.00	
Department: 8340 Transmissn/Distribution Totals:				\$8,306.00	\$4,180.00	
Fund Totals: Water Board - Water				\$8,306.00	\$4,180.00	
Fund: FGB Water Board						
Department: 8000 Niagara Falls Water Board						
Sub Department: 0000 .						
0454.000 - Attorney Services				Amended Balance as of: 3/1/2021		\$100,000.00
	03/01/2021	2021-00000550	TO COVER ADDITIONAL POSTAGE FOR BOARD	\$0.00	\$200.00	\$99,800.00
				\$0.00	\$200.00	\$99,800.00
0461.000 - Postage				Amended Balance as of: 3/1/2021		\$250.00
	03/01/2021	2021-00000550	TO COVER ADDITIONAL POSTAGE FOR BOARD	\$200.00	\$0.00	\$450.00
				\$200.00	\$0.00	\$450.00
Sub Department: 0000 . Totals:				\$200.00	\$200.00	
Department: 8000 Niagara Falls Water Board Totals:				\$200.00	\$200.00	
Fund Totals: Water Board				\$200.00	\$200.00	
Fund: GA Water Board - Sewer						
Department: 8110 W.W.T.P.						
Sub Department: 0001 Administration						
0130.000 - Temporary Payroll				Amended Balance as of: 3/1/2021		\$71,500.00
	03/17/2021	2021-00000785	TO COVER COST OF EMERGENCY BULLDOZER RENTAL	\$0.00	\$4,126.00	\$67,374.00

NFWB Live

Budget Amendments Report

From Date: 3/1/2021 - To Date: 3/31/2021

Account	G/L Date	Journal	Description	Increases	Decreases	Amended Balance
Fund: GA Water Board - Sewer						
Department: 8110 W.W.T.P.						
Sub Department: 0001 Administration						
0130.000 - Temporary Payroll				Amended Balance as of: 3/1/2021		\$71,500.00
	03/17/2021	2021-00000785	TO COVER COST OF EMERGENCY BULLDOZER RENTAL	\$0.00	\$6,565.00	\$60,809.00
				\$0.00	\$10,691.00	\$60,809.00
Sub Department: 0001 Administration Totals:				\$0.00	\$10,691.00	
Department: 8110 W.W.T.P. Totals:				\$0.00	\$10,691.00	
Department: 8120 Sewers						
Sub Department: 4900 Collection System						
0130.000 - Temporary Payroll				Amended Balance as of: 3/1/2021		\$12,724.00
	03/17/2021	2021-00000785	TO COVER COST OF EMERGENCY BULLDOZER RENTAL	\$0.00	\$3,000.00	\$9,724.00
				\$0.00	\$3,000.00	\$9,724.00
0442.003 - Motor Vehicle Equip Rentl				Amended Balance as of: 3/1/2021		\$0.00
	03/17/2021	2021-00000785	TO COVER COST OF EMERGENCY BULLDOZER RENTAL	\$9,565.00	\$0.00	\$9,565.00
				\$9,565.00	\$0.00	\$9,565.00
Sub Department: 4900 Collection System Totals:				\$9,565.00	\$3,000.00	
Department: 8120 Sewers Totals:				\$9,565.00	\$3,000.00	
Fund Totals: Water Board - Sewer				\$9,565.00	\$13,691.00	
Grand Totals:				\$18,071.00	\$18,071.00	



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

1. Treatment & Plant Maintenance

1.1. Water – Robert Rowe, updated 04/08/2021

OPERATIONS AND MAINTENANCE

Total water production for the month of March was 752 million gallons. The average daily water production was 24.3 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	0	0	0	0	0	0	0
MAY	0	0	0	0	0	0	0
JUN	0	0	0	0	0	0	0
JUL	0	0	0	0	0	0	0
AUG	0	0	0	0	0	0	0
SEP	0	0	0	0	0	0	0
OCT	0	0	0	0	0	0	0
NOV	0	0	0	0	0	0	0
DEC	0	0	0	0	0	0	0
TOTAL	2152488	20586	484600	55884	5809	12621	71789



2021 ANALYTICAL RESULTS

	RAW		PRE	POST	EFF		
	TURB	RAW	CI2	CI2	TURB	EFF	F. RES
	NTU	pH	RES.mg/l	RES.mg/l	NTU	pH	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							
MAY							
JUN							
JUL							
AUG							
SEP							
OCT							
NOV							
DEC							
AVG	7.3	8.1	0.59	1.23	0.019	7.5	0.72

Operations and Maintenance Highlights

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

Drawings are being prepared and will be submitted to Dept. of Health for approval once completed.



1.2. Wastewater – Bob Dunn, Chief Operator- updated 4/12/2021

Non-Compliance Violations: NONE

Sampling notes: None

OPERATIONAL and MAINTENANCE- Highlights

Project #1 – Sed Basin and Scum Removal project is underway with Demo taking place to the Old Scum Removal unit (DAF) and Dry Well pumps. Work in Basin #5 will begin shortly after, with the Traveling Bridge being disassembled and removed in addition to the tracks for said bridge. Drive motors for the Sludge Screw and Submerged Chain and Flights will follow soon after the bridge work.

Project #2 – Gorge Pumping Station Rehab has continued at a decent pace. Danforth is working on hanging a large HVAC unit from ceiling above Gorge Pump #3. Some additional units have arrived for the HVAC work. CIR Electric continues with work on lighting etc. STC has replaced 1 Grinder as well as the Sluice Gate on the inlet side of said Grinder. Coordination discussions being had on how to facilitate the remainder of the Sluice Gate and 2nd Grinder installation work.

Project #6 - Disinfection project, plans are being made to have a joint meeting with a Watson Marlow Rep., Moellenberg Betts Tech., and a member of the AECOM team, in order to resolve a pump motor orientation discrepancy that has resulted in a very small leak on each of the pumps. Once leaks are addressed the project will be majority complete.

Project(s) #9 & 11 – Indoor/Outdoor Piping project Design has been finalized and is ready to be put on the streets for contractors, in preparation of the upcoming bid opening. Pre-bid meeting will be scheduled shortly, for questions and a plant walk-through to follow.

Operations and Maintenance personnel have continued making their best effort(s) to keep the facility in good working order, noticing any issues and addressing those issues in a timely manner, while maintaining a good housekeeping work ethic. All other Depts. are performing their duties as could be expected and overall plant condition is good.



FLOWS		Chlorine		Rainfall	SLUDGE		Polymer		FeCl3	LIME	H2O2	NaOCl	Grit
INF/EFF	CBE	GPS	Residual		NET	LANDFILL	BFP	PRIM					
MGD	MGD	MGD	PPM	inches	(Tons)		(Lbs)		(gals.)	(Tons)	(gals.)	(gals.)	(Tons)
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
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
23.94	45.00	11.88	2.0	0.4	2617.0	756.0	3261.0	3414.0	21380	81.9	0	305120	14.4
26.55	43.17	12.50	2.0	1.3	6759.0	1917.0	9316.0	10919.0	68460	249.4	0	1097030	45.2

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 4/15/2021

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										
May										
June										
July										
August										
September										
October										
November										
December										
Totals	341	56748	1770	459	12.1	9	9	1	8	2

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													
May													
June													
July													
August													
September													
October													
November													
December													
Totals	24	30	21	12	10	16	8	0	1207	0	0	341	33



3. Analytical Services

3.1 Water Laboratory –Patrick Fama, updated 04/05/2021

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

- March samples have been collected & analyzed in-house for TOC, DOC & UV₂₅₄ on both finished and source water, all samples were found 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.

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: 3,787.
- No water main breaks were sampled in March. One community complaint required sampling. A sample was collected from a hydrant at 104th Street and Marine Memorial Drive. The sample was within normal limits.

3. Laboratory Concerns

- The laboratory Analyzed 9 samples for Total Organic Carbon and 9 required Wet chemistry analysis. The laboratory also analyzed 18 samples from the Starpoint School system for Lead.
- The microbiology lab analyzed 18 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 \$7,819.

3.2 Wastewater Laboratory - Brian Eldridge 4/13/2021

1. The data for March's State Pollutant Discharge Elimination System (SPDES) report is currently being compiled with no anticipated violations.

4. Customers & Compliance



4.1. Meter Shop – Bob Reid Updated 4/9/21

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						
MAY						
JUNE						
JULY						
AUGUST						
SEPTEMBER						
OCTOBER						
NOVEMBER						
DECEMBER						
TOTAL	331	3	28	0	565	17928

METER READINGS:

DISTRICT 1	B.REID	M.MACRI	V.Virtuoso	J.PAUL	F.DERUBEIS	TOTAL
3/2/21	822	636				1458
3/3/21	1724	1689				3413
3/4/21	303	238				541
3/5/21					61	61
TOTAL	2849	2563			61	5473
INDUSTRIALS						
3/1/21	264	301				565
TOTAL	3113	2864			61	6038

Shop read 5473 residential meters for the month, and also obtained 565 readings from the Industrials.

4.2. Industrial Monitoring / Enforcement – Joel Paradise updated 4/8/2021



a.) **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.

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

b.) **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. The format is being updated simultaneously.
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.
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 will be sent out shortly.
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.
7. SIU 1st Quarter 2021 Self-monitoring reports due February 28th, 2021 were all received. They were reviewed and checked for permit and content compliance by myself and Steve Stewart.
8. The quarterly BHC sampling was successfully conducted on Monday 3/8/21 and Tuesday 3/9/2021.
9. 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 will now be collected by us for evaluation.
10. The process of archiving the Industrial Pretreatment Program files which is done every 2 years began the week of 4/5/2021.



5. Support Services

5.1. Safety – AFI Environmental (Pat Ackerman) 3/8/2021

- Reviewed the following safety plans:
 - CIR HASP
 - Hohl HASP & lift plans
- Discussed and developed a safety plan for the Scum Bldg. guardrail.
- Performed Power Industrial Truck (PIT)/Forklift training.
- Assisted with insurance audit.
- Gorge Pumping Station orientation.
- Scheduled and assisted in annual crane inspection.
- Working on quote for hydrofluosilicic acid at WTP (in progress).
- Performed safety audit/plan for high-lift light replacement.

6. Technical Services – Doug Williamson, updated 4/8/2021

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

In March, we had a discussion with the DHSES regarding continuation of the project on March 11th. GHD provided a revised design memo with cost estimate for a WWTP flood control project of a smaller magnitude that may have a better benefit to cost ratio than the current scope of work and may still be fundable through the FEMA grant, which has a deadline for completion by June 1, 2021. The memo was provided to DHSES for consideration.

The NFWB needs to provide 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, if we wish to proceed and possibly extend the grant for an additional 24 months.

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

In March, 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.

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.

The SSO Annual Report (Year 13 – 2020) was completed and submitted to the NYSDEC on March 29th.

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

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



6. Continued

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.2 was held on March 30th and construction is starting.

Project 5 Electrical System Improvements 75% bid documents were reviewed in March with a design review meeting scheduled for April 6th.

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.

Project 9 Process Piping Improvements pre-bid meeting was held on March 22nd with the bid opening scheduled for April 8th at 10 am.

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

Items:

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

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.

We had a meeting with the NYSDEC regarding permit revisions on March 19th. 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.

The PCBMP Annual Report (for 2020) was completed and submitted to the NYSDEC on March 25th.

The quarterly NFWB Publicly Owned Treatment Works (POTW) advertisement was placed in the Niagara Gazette on March 26th.

5. **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 and continue to be addressed. An update on the progress was sent to the NYSDEC on January 21st.

Another update on the corrective actions progress was sent to the NYSDEC on March 31st.

The biannual Hazardous Substance Bulk Storage application was completed for the (6) WWTP CBS tanks on March 25th.



6. **RFP 2020-04 Design Report for Improvements in WWTP Processing, Handling and Disposal of Sludge**
The NFWB team completed the evaluation of the (7) proposals received from engineering consultants. The final recommendation to award the work to GHD was approved at the March Board meeting.
7. **Town of Niagara Sewer Flow Monitoring**
The Spring of 2021 Town of Niagara sewer flow monitoring (4-week period) began with flow meter installations on March 15th and flow meter removals on April 12th, 2021.
8. **Engineering Support**
In March, the engineering department continued to provide engineering and GIS support to NFWB departments, engineering consultants and developers as needed. Attended (4) 2-hour breakout sessions for the 39th Annual Greater Buffalo Environmental Conference (GBEC) via Zoom on March 16th, 18th, 23rd and 25th.
9. **Capital Improvement Projects:**
In March, the **5 Year Capital Improvement Plan** and projects continued to be evaluated, updated and reviewed as needed with NFWB staff.



2021 OXIDIZER BUDGET

BUDGET = \$2,050,000.00 for year

COST = \$467,671.21 to date

% USED = 22.81% to date

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

COST = \$5,196.35 per day avg. \$155,890.40 per month avg.

23.5 Flow (MGD) 90 total days



WWTP DATA		OXIDIZER USAGE				SLUDGE REMOVAL			
MONTH	FLOW (MG)	H2O2 (GAL)	NaOCl (GAL)	GAL PER MG FLOW	TOTAL ESTIMATED COST	LANDFILL SLUDGE (TONS)	SOLIDS THROUGH PUT (%)	FERRIC CHLORIDE (TONS)	LIME (TONS)
Jan-2021	714.9	0	461,790	663	\$182,591.77	494.8	88.2	40.7	66.8
Feb-2021	660.8	0	415,870	664	\$164,435.00	507.8	62.0	37.0	42.7
Mar-2021	742.1	0	305,120	419	\$120,644.45	756.2	102.7	40.1	81.9
Apr-2021									
May-2021									
Jun-2021									
Jul-2021									
Aug-2021									
Sep-2021									
Oct-2021									
Nov-2021									
Dec-2021									
TOTALS	2,117.8	0	1,182,780	582	\$467,671.21	1,758.8	83.1	117.8	191.4

Low value for year

High value for year

7. SECURITY REPORT—Bill Wright 4/15/2021

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



8. INFORMATION TECHNOLOGY (I.T.) 4/2/2021

VMWARE – Joe – ~~Migration from old Environment to New has been completed.~~

New World – Joe – ~~NWS Cloud hosting migration is completed.~~

Network WTP – ~~Sean/Joe – WTP network upgrade completed.~~

Network WWTP – ~~Sean/Dino - WWTP switches are being configured.~~
we plan to begin deployment (replacement of old) in April/May

Network – Wi-Fi – Dino/Joe - When wwtp network is complete, 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 AP's in the most optimal locations to maximize Wi-Fi coverage. We plan to begin deployment in May.

Security Camera's – Bill-Carl-Clayton – 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 – Software Upgrade – Carl – Will schedule and work with lucity support to upgrade from version 2018 to build 2021.



MINUTES

Annual Meeting and Business Meeting of the Niagara Falls Water Board March 22, 2021 at 5:00 p.m.

Note: This meeting was held via conference call pursuant to Executive Order 202.1 as extended by 202.96.

1. Attendance and Preliminary Matters

Acting Chairperson Larkin called the meeting to order at 5:00 p.m.

- a. Asklar P Forster P Kimble P Larkin P Leffler P
- b. Letters and Communications
- c. Public Comment (The meeting notice provided that public comments were to be submitted in writing to be read by the Secretary and to be received by 12:00 p.m. on March 22, 2021. Comments may be summarized when read).

Mark Laurie – Superintendent of Schools in Niagara Falls, submitted a written comment that was read aloud by Mr. Costello to the board members.

“I would like to extend his gratitude to the hard-working team at the NFWB for their cooperation, communication and customer service with some of the recent unforeseen water breaks and valve replacements. The coordination of services and communication with district staff has been exemplary. Despite often less than ideal working conditions, repairs are made swiftly, and resolution occurs immediately. If a timing issue arises, our Maintenance and Operations Director is notified immediately and has been given the ability to have input so that school district operations and functions never suffer. This collegial teamwork is noteworthy and very much appreciated. To the hard-working staff at the Niagara Falls Water Board, I say thank you on behalf of the Niagara Falls Board of Education, staff and students.”

Shirley Hamilton – President of the Niagara Falls Branch of the NAACP, submitted a written comment that was read aloud by Mr. Costello to the board members.

“We are pleased that the board has changed, and we are requesting that Resolution #2021-003-010 be approved. During her employment at the Water Board, Mrs. Walker has demonstrated that she ethically and responsibly looked out for the needs of the residents within the City of Niagara Falls. She has made sure that ethical and financial practices were carried out. She eliminated theft and unauthorized purchases, and she verified that overage

payments were researched and prevented, saving ratepayers thousands of dollars. Mrs. Walker is 1 of 4 African American employees at the Water Board, and she is the only African American Contractor. She has a proven record and this decision should be guided in the same way as the other contractors that had their contracts approved. We believe in equal opportunity and we are requesting that you vote yes on Resolution 2021-003-010. Thank you, and thank you in advance for standing for what is right.”

Mr. Costello notes that Mr. Laurie and Ms. Hamilton’s comments were the only comments received in writing prior to the meeting.

Ms. Kimble questions when the procedure regarding public comments was changed to written comments.

Acting Chairperson Larkin states this procedure was implemented when the board meetings began to be held virtually due to COVID-19 and is outlined in the meeting notices.

Ms. Kimble states that this is the first time she was made aware of this policy and that there have been people making comments during meetings that were not on the agenda.

Ms. Larkin asked if anyone on the call who had not submitted a comment by the deadline wanted to speak.

Mrs. Garrett states that she would like to speak on behalf on maintaining Mrs. Kendra Walker’s employment with the NFWB. Ms. Garrett states that she believes that Mrs. Walker has been a great asset to the NFWB which has a reputation for not hiring or promoting a lot of diverse or African American candidates and feels that Mrs. Walker should be retained.

Irene Wilson lives in the City and states that she would like to advocate for renewal of Ms. Walker’s contract with the Water Board.

d. Approval of Minutes

i. January 11, 2021 Business Meeting

Mr. Forster notes that the draft meeting minutes from January 11, 2021 state that “Mr. Forster stated Ms. Walker was not his selection.” Mr. Forster states that is incorrect and the minutes should state that Mr. Walker “was not solely his selection.” Mr. Forster would like that corrected in the meeting minutes.

Motion by Mr. Forster and seconded by Ms. Leffler to approve the meeting minutes from January 11, 2021 with the correction noted by Mr. Forster.

Mr. Asklar stated that he would abstain as he was not present for the meeting.

Asklar __abstain__ Forster __Y__ Kimble __Y__ Larkin __Y__ Leffler __Y__

Motion to approve the minutes as corrected carried 4-0, with one abstention.

ii. January 25, 2021 Special Meeting

Motion by Mr. Forster and seconded by Ms. Larkin to approve the special meeting minutes from January 25, 2021.

Asklar __abstain__ Forster __Y__ Kimble __Y__ Larkin __Y__ Leffler __Y__

Motion carried 4-0, with one abstention.

2. Acting Executive Director

- a. WWTP Project Budget Tracker (CPL)**
- b. WWTP Construction Schedule Tracker (CPL)**
- c. Financial Award Summary (CPL)**
- d. WTP Chlorine Booster Project**
- e. Outside Crew Vehicles**
- f. LaSalle Consent Order – Amending Project Schedule**
- g. SPDES Permit Renewal**

Ted Donner presented an updated capital project status review to the board members, and highlighted noteworthy developments in Projects 1, 6, and 7.

Mr. Donner notes that the budget tracker will be updated to reflect the projects that have been completed, which will help identify any funds available from under-budget projects that may be available for other the projects. The budget tracker also will be updated to better track Project 2 and 2B (outfall) work, which involves different grants. The Phase 1 grant covers projects 1-10 and the Phase 2 grant covers Projects 2B (outfall), 11 (WWTP misc. piping), and 99 (FEMA).

Mr. Forster asks Mr. Donner his overall impression regarding the progress of the capital projects.

Mr. Donner states that amidst all the restrictions regarding COVID-19, he feels optimistic with the current progress and none of the projects are at a standstill.

Mr. Forster states that according to the budget summary, it appears as though things are going very well. Mr. Donner notes that there are opportunities in the next few months to continue to prioritize additional projects and coordinate with the DEC in order to complete additional work for the NFWB with remaining grant funds.

Mr. Costello notes that the WTP chlorine booster pump is proceeding. CPL will complete the limited design drawings that are necessary. Everyone involved will try their best to make that project as efficient as possible by utilizing in-house forces and limited services from Mollenberg-Betz where appropriate. If the cost for any component of the project exceeds \$10,000, it will be presented to the board for approval. The end result will be a redundant chlorine injection point near the raw water intake.

Mr. Costello states he emailed the board members in February 2021 regarding an exception to the NFWB's vehicle use policy to allow the four outside crew leaders the ability to take home their Water Board trucks. They may use the Water Board trucks exclusively to travel to the site of jobs such as water main breaks and to travel to and from work; no personal use is permitted. The crew leaders have signed agreements to those terms. Mike Eagler and Bill Wright have been monitoring employee usage of these Board vehicles. Mr. Costello notes that he believes it is beneficial to the NFWB to allow these employees access to take home vehicles in order to respond to unpredictable water main breaks more efficiently. Mr. Wright agrees, quickly isolating water main breaks protects the water tower.

Ms. Larkin seeks clarification from Mr. Wright regarding how much time is saved in responding, Mr. Wright notes that the water tower can be lost in 20-30 minutes and having employees respond directly with the tools needed to shut down mains saves some time versus traveling to the Water Board yard before going to the site, but he cannot specifically state how much time is saved. Ms. Larkin further questioned the GPS functionality in these vehicles, and management monitoring of the GPS. Mr. Wright states the GPS units are working and being monitored. Mr. Costello will draft a resolution for the April 2021 Board meeting to amend the vehicle use policy to include the additional stipulations that are associated with the use of these vehicles.

Mr. Costello states that he sent an email to the board members regarding the status of the LaSalle Consent Order, particularly regarding amending project schedule that the board had entered over 10 years ago. That order contained an 18-year schedule of work, with various projects throughout LaSalle. In recent years, the NFWB has completed studies (flow monitoring) and has determined that the projects called for under the existing Consent Order schedule are not the most cost efficient in terms of the intent of the Consent Order, which is to reduce sanitary overflows in that area. Unless the Board objects, the NFWB intends to contact the DEC to request that they agree to a modification to the current Consent Order to modify the projects called for in the schedule thereto, with any resulting modification to be presented for Board approval. No Board member objected to this plan.

Last, Mr. Costello would like to note that the NFWB has begun engaging in discussions with the DEC regarding the renewal of the WWTP's SPDES permit. Mr. Costello states that it is likely to be a long process involving gathering all necessary sampling and data to develop the new permit.

3. Superintendent

- a. Acoustic Leak Detection RFP**
- b. 18th Street Slip Lining**
- c. 10th and Michigan Water Main Replacement**

Mr. Wright states that the RFP for smart leak detection went out in early January 2021 with the deadline for submissions February 5, 2021. He discussed the evaluation of the resulting submissions, now presented for Board approval (Resolution 2021-003-008). The NFWB also

is working on an RFP for a more traditional acoustic leak detection survey, for another area of the City.

Mr. Wright states that he was informed by City Engineering that the 18th St. slip lining project was going out to bid in January 2021. Mr. Wright states that then there was an illness in the Engineering Department, and the individual that was handling the bid was out of the office for approximately 1 month. Mr. Wright states that he spoke with Mr. Buzzelli on March 17, 2021 and was informed that the next step that is needed is a “walk-through” on 18th St. with himself, Mr. Wright, and Mr. Eagler, prior to passing the information along to the DOH.

Mr. Forster states that he has asked for updates regarding the 18th St. slip line for all of 2020, now into 2021. Mr. Forster would like a time frame for completion.

Mr. Wright states he also has met with City Engineering regarding the water main replacement on 10th St. and Michigan Ave. City Engineering will work on this after 18th Street and the Military Road main replacement project. In the meantime, outside crews are repairing valves so we are ready when the work proceeds.

Mr. Forster asked whether the bids will be for ductile iron or PVC, and if there is a reason they usually are ductile iron. Mr. Wright notes a couple of projects have been done in PVC. Mr. Forster requests that Mr. Costello send correspondence to City Engineering regarding a quote for both ductile iron and PVC piping. Mr. Costello said he will send an email to City Engineering and see if they will consider doing so as alternates on the bid.

4. Engineering

Mr. Williamson provided an update on:

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

GHD developed a revised scope of work for the project, reducing its size. Project costs for this revised scope of work are estimated at \$3.92 million, approximately 30% lower than the original \$5.72 million project budget. The FEMA grant would cover approximately 75% (\$2,853,779) of the cost and the NFWB's share would be 25% (\$1.1 million). If the NFWB wishes to proceed with this project, the next step is to submit this revised scope of work and cost estimate to FEMA for review. The NFWB also would need to request a 24-month extension of the grant schedule, which currently has a deadline for completion by June 1, 2021. Mr. Forster noted that the improvements at the WWTP since the 2013 flood event may mean this project is not worth its cost. Mr. Costello noted that the NFWB can seek FEMA approval of the revised project and extension, and then if that approval is granted it can decide how to proceed.

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

Mr. Williamson noted that there is a resolution on the agenda in connection with this RFP, and that from the seven proposals received the recommendation is for GHD's proposal. Casey Cowan from GHD was on the call to answer any questions.

5. Personnel Items

a. March 22, 2021 Personnel Actions

Mr. Costello reviewed the position upgrades on the Personnel Action sheet and requested that an electrician position be restored and paid for with the payroll savings from having the Executive Director and Director of Administrative Services positions, which are budgeted for 2021, vacant thus far this year. Ms. Walker notes that the cost of the position upgrades that are listed is minimal, but there are no available funds to restore the electrician position because of other budget shortfalls.

Acting Chairperson Larkin suggests voting on personnel actions after Ms. Walker presents her financial update to the Board [see discussion and votes following votes on resolutions, below].

6. Information Technology (IT)

Mr. Costello notes that the New World cloud conversion is working well and there is nothing else new to report from information technology. Acting Chairperson Larkin is pleased with the smooth transition.

7. Finance

- a. March 2021 Finance Department Overview**
- b. Treasury Investment Account Reconciliation**
- c. Trustee Accounts Reconciliation**
- d. Operating Account Balances**
- e. Budget Performance through Feb. 28, 2021 – Revenue Only**
- f. Budget Performance through Feb. 28, 2021 – Sewer Fund Expenses**
- g. Budget Performance through Feb. 28, 2021 – Water Fund Expenses**
- h. Overtime by Department through Feb. 28, 2021**
- i. Annual Audit Update**

Ms. Walker began her report with a financial overview from March 2021. The Board was presented with updated information on the annual transfer to the City tax rolls. Ms. Walker notes that the City has given a 1-year notice to the NFWB, per the Operating Agreement, that

they will no longer provide billing and collection services for the NFWB – this will go into effect in the beginning of 2022. Currently exploring other options with different vendors in order to continue to provide additional payment options to the ratepayers.

Ms. Walker provided all board members with a copy of the year-to-date budget, broken down by revenue only, sewer fund expenses and water fund expenses.

Ms. Walker notes that the sludge disposal budget line is problematic. Ms. Walker explains that \$4 million was originally budgeted for sludge disposal and states that has since been reduced to \$1.75 million. Ms. Walker states that now that the sludge disposal bids have been received and reviewed, there is a deficit of approximately \$700,000-\$900,000. Ms. Walker states those funds will need to be restored by the second half of the year in order to cover the sludge disposal costs at the WWTP. She stated this is part of why a 5.5% rate increase was requested.

Mr. Forster questions the amount that was budgeted on the sludge-disposal line. Ms. Walker states \$1.75 million was budgeted; the Chief Operator of the WWTP, Bob Dunn, requested \$4 million because it was known the sludge disposal cost would increase substantially.

Acting Chairperson Larkin questions whether the \$1.75 million for sludge disposal was in the original budget or the amended budget. Ms. Walker states the \$1.75 million for sludge disposal was presented in the amended budget. Ms. Larkin asked which amendment changed the budgeted amount for sludge disposal, as she did not recall any of the amendments changing the line for sludge disposal and did not believe any changes were made to the sludge disposal budget line amount that was presented to the board members.

Ms. Walker stated the budget amendments were presented five minutes before the meeting; Ms. Larkin stated that Ms. Walker had been asked to reduce the rate increase from 5.5% because ratepayers could not afford the increase and that to her recollection the amendments did not change the sludge disposal budget. Ms. Walker stated that the reason for the 5.5% increase was recommended was explained by the rate consultant and by herself at the public hearing and that a 5.5% increase would have amounted to about \$25 more per year on a minimum bill. Ms. Larkin noted that the increase would have been a burden to struggling ratepayers, including individuals and businesses, and applied to more than just a minimum bill, but suggested moving on from the topic.

Mr. Forster states he does not recall ever reducing the sludge disposal budget line. Ms. Walker said the amount had been higher in one of the previous budgets.

Ms. Leffler suggests that Mr. Costello or Ms. Schroeder easily could review the budget amendments to identify whether the sludge disposal budget line was reduced by the Board. Ms. Kimble asks Mr. Costello to send the Board a list of the budget lines that were reduced by the budget amendments.

Ms. Walker provided the Board with an update regarding the annual audit. Ms. Walker explains that the audit still is proceeding. The financial team has submitted all the required information, the GASB 75 evaluation was completed last week and submitted to the auditors. Ms. Walker anticipates that the auditors will require another site visit in order to further review operations, but is awaiting further guidance from the auditors. Ms. Walker states the PARIS report, due on 3/31/2021 will not be timely. She believes the timing of the RFP pursuant to which the auditors were selected, and because this is the first year the new auditors are working for the NFWB, are factors in the audit not being prepared on time.

Acting Chairperson Larkin asked Mr. Costello to confirm when the RFP for auditors was completed. Mr. Costello states the board approved Resolution 2020-12-004 (Annual Audit Services) in December 2020 and the auditors were notified they had been selected within a week. Ms. Larkin asks Mr. Costello if at any point the auditors communicated that the timeline would prohibit the PARIS report from being filed on time, Mr. Costello stated they had not and believed when they submitted their proposal they anticipated meeting the deadline. Ms. Larkin asked if the auditors communicated any reason why they could not meet the deadline, Mr. Costello stated the auditors did express some concern regarding the timing of the information provided to them and also noted that there was a broad scope of work to be performed for a first-year audit; for any further details he would have to let the auditors speak for themselves.

With respect to ways to restore funds in order to fill an open position for an electrician, Ms. Walker suggests reducing what is paid to the City of Niagara Falls (billing and collections) – approximately \$83,000 annually – up to 50%, on the basis they no longer are processing mailed-in payments. Ms. Walker also suggest the possibility of reducing the temporary payroll budget line by reducing security guards at the WWTP - \$71,500 currently is budgeted. Ms. Leffler requests an analysis by Ms. Walker of the mailed-in payments the City previously had been handling to justify a reduction in what the Water Board pays.

Ms. Walker states that for good news, she was notified from Blue Cross and Blue Shield that the worst-case scenario regarding a rate increase for health insurance premiums would be 3%.

8. Questions Regarding February 2021 Operations and Maintenance Report

No questions were asked.

9. Safety

Nothing new.

10. General Counsel and Secretary

Mr. Costello requests an executive session be held in order to provide a brief update the Board members on developments in the Love Canal litigation.

11. From the Chairperson

Nothing new.

12. Resolutions

2021-03-001 – AUTHORIZING PURCHASE OF FIRE HYDRANTS AND COMPONENTS

Motion by Mr. Forster and seconded by Ms. Leffler to approve.

Ms. Kimble asked how many hydrants we have in storage. Mr. Wright stated we have 30 six-foot hydrants and 13 five-foot hydrants, and that the plan is to install another 100 hydrants this year.

Asklar __Y__ Forster __Y__ Kimble __Y__ Larkin __Y__ Leffler __Y__

Motion carried 5-0.

2021-03-002 – AUTHORIZING ENGINEERING DESIGN REPORT FOR WWTP SLUDGE HANDLING IMPROVEMENTS

a. GHD Proposal

Motion by Mr. Forster and seconded by Mr. Asklar to approve.

Asklar __Y__ Forster __Y__ Kimble __Y__ Larkin __Y__ Leffler __Y__

Motion carried 5-0.

2021-03-003 – EXTENSION OF BID FOR PICKUP, HAULING, AND DISPOSAL OF ALUMINUM-BASED RESIDUALS FROM WATER TREATMENT PLANT

a. March 15, 2021 Extension Offer from Modern Disposal Services, Inc.

Motion by Mr. Forster and seconded by Mr. Asklar to approve.

Asklar __Y__ Forster __Y__ Kimble __Y__ Larkin __Y__ Leffler __Y__

Motion carried 5-0.

2021-03-004 –AUTHORIZING AWARD OF WWTP SLUDGE HAULING AND DISPOSAL SERVICES

a. Bid Tabulation and Award Recommendation

Motion by Mr. Forster and seconded by Ms. Leffler to approve.

Asklar __Y__ Forster __Y__ Kimble __Y__ Larkin __Y__ Leffler __Y__

Motion carried 5-0.

2021-03-005 – GRANTING THE STATE OF NEW YORK AUTHORITY TO PERFORM AN ADJUSTMENT OF NIAGARA FALLS WATER BOARD FACILITIES AND AGREEMENT TO MAINTAIN FACILITIES ADJUSTED VIA THE STATE-LET CONTRACT, PIN 5813.48

a. Cover Letter

b. Utility Work Agreement PIN 5813.48

Motion by Ms. Kimble and seconded by Mr. Asklar to approve.

Asklar __Y__ Forster __Y__ Kimble __Y__ Larkin __Y__ Leffler __Y__

Motion carried 5-0.

2021-03-006 – ENGINEERING SERVICES AMENDMENT PROJECT 2 AND 2B, GORGE PUMPING STATION REHABILITATION AND OUTFALL 003 REDIRECTION

a. GHD Proposal

Motion by Ms. Leffler and seconded by Ms. Kimble to approve.

Asklar __Y__ Forster __Y__ Kimble __Y__ Larkin __Y__ Leffler __Y__

Motion carried 5-0.

2021-03-007 – AUTHORIZING SETTLEMENT OF COOKE CLAIM

Motion by Ms. Leffler and seconded by Ms. Kimble to approve.

Asklar __abstain__ Forster __Y__ Kimble __Y__ Larkin __Y__ Leffler __Y__

Motion carried 4-0, with one abstention.

2021-03-008 – PILOT PROJECT FOR REAL-TIME MONITORING AND ANALYSIS OF WATER DISTRIBUTION SYSTEM – LEAK DETECTION AND PRESSURE

a. Echologics LLC Proposal

Motion by Mr. Forster and seconded by Mr. Asklar to table.

Mr. Forster appreciates the work that went into the RFP, but the project is \$211,000 for a small area. He spoke with Mike Eagler who suggested an alternative, pulling manhole covers and observing flows and the nearby catch basins. This will help identify leaks and the condition assessment can be linked to Lucity and to prioritize repairs. The necessary overtime would cost about \$3,000 to do this for a month, at which time the Board can evaluate the results. Ms. Leffler asked why the work would be overtime, Mr. Forster understands there is not enough manpower to do it during the week.

Asklar __Y__ Forster __Y__ Kimble __Y__ Larkin __Y__ Leffler __Y__

Motion to table carried 5-0.

2021-03-009 – AWARD WWTP PROJECT 7 CONSTRUCTION BIDS

a. EI Team Recommendation Letter and Bid Tabulation

Motion by Ms. Leffler and seconded by Mr. Asklar to approve.

Asklar __Y__ Forster __Y__ Kimble __Y__ Larkin __Y__ Leffler __Y__

Motion carried 5-0.

2021-03-010 – RENEWAL OF EMPLOYMENT CONTRACT FOR DIRECTOR OF FINANCIAL SERVICES

Motion by Ms. Kimble and seconded by Ms. Leffler to approve.

Asklar __abstain__ Forster __abstain__ Kimble __Y__ Larkin __abstain__ Leffler __Y__

Motion did not carry, 2 yes and 3 abstentions.

2021-03-011 – ELECTION OF OFFICERS

Ms. Larkin noted that the way the resolution is drafted the voting would be for a slate.

Nomination by Ms. Larkin and seconded by Mr. Asklar for Mr. Forster as Chairperson.

Nomination by Mr. Forster and seconded by Mr. Asklar for Ms. Larkin as Vice Chairperson.

Nomination by Mr. Forster and seconded by Ms. Larkin for Mr. Asklar as Treasurer.

Nomination by Ms. Larkin and seconded by Mr. Forster for Mr. Costello as Secretary.

Motion by Mr. Asklar and seconded by Mr. Forster to close the nominations and approve.

Asklar __Y__ Forster __Y__ Kimble __abstain__ Larkin __Y__ Leffler __abstain__

Motion carried 3-0, with 2 abstentions.

2021-03-012 – FINANCE AND AUDIT COMMITTEE MEMBERSHIP AND MEETINGS

Motion by Ms. Larkin and seconded by Mr. Forster to nominate Mr. Asklar as Chairperson of the Finance and Audit Committee.

Asklar __Y__ Forster __Y__ Kimble __abstain__ Larkin __Y__ Leffler __Y__

Motion carried 4-0, with 1 abstention.

2021-03-013 – GOVERNANCE COMMITTEE MEMBERSHIP AND MEETINGS

Ms. Larkin asked if Ms. Kimble or Ms. Leffler would like the position, both declined.

Motion by Mr. Forster and seconded by Mr. Asklar to nominate Ms. Larkin for Chairperson.

Asklar __Y__ Forster __Y__ Kimble __Y__ Larkin __Y__ Leffler __Y__

Motion carried 5-0.

After the Board concluded its votes on the resolutions as reflected above, it returned to the March 22, 2021 Personnel Actions. Ms. Larkin made a motion seconded by Ms. Kimble to vote for on the actions listed in part “A” of the sheet from those listed at part “B.”

Asklar __abstain__ Forster __Y__ Kimble __Y__ Larkin __Y__ Leffler __Y__

Motion to vote separately carried 4-0, with one abstention.

Motion by Ms. Larkin and seconded by Ms. Kimble to table Item A (1), Electrician.

Asklar __Y__ Forster __Y__ Kimble __Y__ Larkin __Y__ Leffler __Y__

Motion to table Item A (1) carried 5-0.

Motion by Ms. Leffler and seconded by Ms. Larkin to approve the personnel actions listed in Item B on the March 21, 2021 Personnel Actions.

Ms. Kimble asked the approximate cost of the position upgrades. Mr. Costello stated the upgrades will cost from \$0.74 to \$2.39 per hour.

Asklar __abstain__ Forster __Y__ Kimble __Y__ Larkin __Y__ Leffler __Y__

Motion carried 4-0, with one abstention.

13. Unfinished/Old Business

None.

14. New Business & Additional Items for Discussion

None.

15. Executive Session (if needed)

Motion by Ms. Larkin and seconded by Ms. Kimble to enter executive session at 6:54 p.m. for the purpose of receiving updates relating to recent developments in the Love Canal litigation.

Asklar __Y__ Forster __Y__ Kimble __Y__ Larkin __Y__ Leffler __Y__

Motion carried 5-0.

Mr. Costello explained for the public that was present on the call that when the Board enters executive session, they will be exited out of the call but can dial right back in to be present when the Board returns from executive session.

Whereupon, a brief break was taken prior to beginning the executive session.

On returning to the public meeting, motion by Ms. Larkin and seconded by Ms. Leffler to enter back into the open meeting at 7:38 p.m.

Asklar __Y__ Forster __Y__ Kimble __Y__ Larkin __Y__ Leffler __Y__

Motion carried 5-0.

The Board thereupon discussed reinstating monthly work sessions. A motion to direct the Secretary to schedule these work sessions was made by Ms. Leffler and seconded by Ms. Larkin.

Asklar __Y__ Forster __Y__ Kimble __Y__ Larkin __Y__ Leffler __Y__

Motion carried 5-0.

16. Adjournment of Meeting

Motion by Ms. Kimble and seconded by Ms. Leffler to adjourn at 7:39 p.m.

Asklar __Y__ Forster __Y__ Kimble __Y__ Larkin __Y__ Leffler __Y__

Motion carried 5-0.



**MINUTES
Special Meeting
of the Niagara Falls Water Board**

April 13, 2021 6:00 PM

Note: This meeting was held via conference call pursuant to Executive Order 202.1 as extended by 202.96.

1. Attendance

Chairman Forster called the special meeting to order at 6:03 p.m.

a. Asklar P Forster P Kimble P Larkin P Leffler P

2. Interviews of Executive Director Candidates: Motion to enter into executive session for the purpose of considering matters leading to the appointment or employment of a particular person (Public Officers Law § 105(f)).

Motion by Ms. Leffler and seconded by Mr. Asklar to enter executive session at 6:04 p.m. for the purpose of conducting Executive Director Candidate interviews, considering matters leading to the appointment or employment of a particular person.

Asklar Y Kimble Y Larkin Y Leffler Y Forster Y

Motion carried 5-0.

Mr. Costello noted no members of the public were present on the call and thus omitted the customary instructions to the public regarding re-joining the GoToMeeting session to be present when the Board exits executive session.

The Board returned to the open meeting at 9:45 p.m.

Discussion regarding conducting an additional candidate interview on April 19 at 7:15 p.m., which will be cancelled if any Board member cannot attend. All Board members agreed, and Mr. Forster directed Mr. Costello to advise recruiter Thom Jennings to schedule a candidate interview for that date and time. The Board will identify a date and time for the remaining interviews on April 19.

3. Adjournment of Meeting

Motion by Ms. Larkin and seconded by Ms. Leffler to adjourn at 9:49 p.m.

Asklar __Y__ Kimble __Y__ Larkin __Y__ Leffler __Y__ Forster __Y__

Motion carried 5-0.

NIAGARA FALLS WATER BOARD RESOLUTION # 2021-04-001

ESRI SOFTWARE LICENSE RENEWAL AGREEMENT

WHEREAS, the Niagara Falls Water Board (“Water Board”) utilizes the Environmental Systems Research Institute, Inc. (“Esri”) software suite, which includes ArcGIS Online, Collector, and Survey123, as a framework for managing, gathering, and analyzing data regarding its system and its assets; and

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

WHEREAS, Water Board staff have received a proposed Esri Enterprise Agreement, offering a fixed price of \$25,000 per year for the renewal of the Esri software license under a three-year agreement, totaling \$75,000; and

WHEREAS, Esri has advised Water Board staff that they require a standard three-year commitment and will not offer yearly renewal pricing absent special circumstances; and

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

* CONTINUED ON NEXT PAGE *

NOW THEREFORE BE IT

RESOLVED, that that on behalf of the Niagara Falls Water Board, its Executive Director be and hereby is authorized to enter into a three-year Enterprise Agreement with Environmental Systems Research Institute, Inc. (“Esri”), and to pay to Esri pursuant to the terms of that agreement a total of \$75,000 in three annual installments of \$25,000 each for renewal of the Water Board’s ESRI software suite license through July 9, 2024.

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

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

On April 26, 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



March 23, 2021

Adam Janzen
Niagara Falls Water Board
5815 Buffalo Ave
Niagara Falls, NY 14304

Dear Adam,

We are looking forward to continue supporting Niagara Falls Water Board's GIS needs. I am providing proposed pricing and key business terms below.

The Esri Enterprise Agreement (EA) will remain in effect for three years and grant Niagara Falls Water Board uncapped access to the Esri products listed below.

The agreement will be effective on **7/9/2021** and requires a firm three-year commitment.

Although you have already deployed a considerable amount of Esri technology, our experience with similar customers indicates that there is significant potential to apply GIS in many additional areas within your organization. For these reasons, we believe that you will greatly benefit from an enterprise agreement. An EA offers numerous benefits including:

- A lower cost per unit for licensed software
- Substantially reduced administrative and procurement expenses
- Maintenance on all Esri software identified in this proposal and deployed within the organization
- Complete flexibility to deploy software products when and where needed

Proposed payment terms for the EA, developed to reflect your anticipated deployment schedule, are as follows:

	Year 1	Year 2	Year 3	Total
Annual EA Fee	\$25,000	\$25,000	\$25,000	\$75,000

Esri products and services to which Niagara Falls Water Board will have uncapped, single use deployment rights during the term of this agreement include:

- **ArcGIS Desktop:** Advanced, Standard, Basic (Single Use)
- **ArcGIS Desktop Extensions:** 3D Analyst, Spatial Analyst, Geostatistical Analyst, Publisher, Network Analyst, Schematics, Workflow Manager and Data Reviewer (Single Use)
- **ArcGIS Enterprise:** Advanced and Standard (Enterprise & Workgroup)
- **ArcGIS Enterprise Extensions:** 3D Analyst, Spatial Analyst, Geostatistical Analyst, Network Analyst, Schematics, Workflow Manager
- **ArcGIS GIS Server:** Advanced, Standard
- **ArcGIS Enterprise Additional Capability Servers:** ArcGIS Image Server (Optional Servers: ArcGIS GeoEvent Server)
- **ArcGIS Monitor**
- **ArcGIS Engine**
- **ArcGIS Engine Extensions:** 3D Analyst, Spatial Analyst, Engine Geodatabase Update, Network Analyst, Schematics
- **ArcGIS Runtime (Standard)**
- **ArcGIS Runtime Analysis Extension**

The EA also includes:

- **ArcGIS Online Named Users:** (50) Viewer named users and (50) Creator named users, with 10,000 annual credits
- **Apps for ArcGIS Online:** (5) Insights, (10) Tracker for ArcGIS, and (1) Business Analyst Web App
- **ArcGIS Enterprise Named Users:** (50) Creator named users
- **Apps for ArcGIS Enterprise:** (5) Insights and (10) Tracker for ArcGIS
- **ArcGIS Enterprise User Types Extensions:** (50) Utility Network
- **ArcGIS Developer Subscription:** (1) Professional Subscription
- **Esri CityEngine:** (2) Single Use Licenses

The EA also includes the following additional components:

- **Esri International User Conference:** (2) annual complimentary registrations
- **Authorized callers:** (3) callers

The following key business terms and conditions will apply to this EA:

- All your employees, in-house contractors, and employees of affiliates in which you have more than a 50% ownership interest will be eligible to use the products and services listed above for the sole benefit of Licensee. Current affiliates will need to be identified in the final agreement. Employees and contractors at companies that you or its affiliates acquire, merge with, or gain an ownership interest in during the term of this agreement will not be eligible to participate in the EA without the mutual agreement of the parties.
- Software products and services included in this proposal may only be deployed and used at your locations in the United States.
- Esri technology that may be embedded in any third-party products you acquire is not included under this agreement.
- You will establish a single point of contact for orders and deliveries and will be responsible for redistribution to eligible users.
- Esri products not included in this agreement may be purchased at pricing that you are normally eligible to receive for software and maintenance.
- You will be automatically invoiced upon the effective date and at the start of each payment term thereafter. Payments are due within 30 days of invoice date.
- You will provide Tier 1 technical support and will designate the quantity of individuals listed above who may directly contact Esri for Tier 2 technical support.
- You will provide an annual report of installed Esri products to Esri.
- You agree to abide by all United States export restrictions.
- Esri products that are eligible for use in this agreement will be automatically available for downloading.
- You will name Esri your company-wide GIS standard, will act as an Esri reference site, and will permit Esri to publicize your use of Esri products.
- The fee and benefits offered in this EA proposal are contingent upon your acceptance of Esri's standard licensing terms and conditions and the terms of the EA.
- The details of this agreement will be confidential and may not be disclosed by the contracting parties.

This proposal is valid for 108 days. In order to complete the agreement within this timeframe, I ask that you contact me within the next seven days to work through any questions or concerns you may have.

Esri and Niagara Falls Water Board have a long and rich history working together. I appreciate the opportunity to present you with this proposal, and I believe it will greatly benefit your organization. Thank you very much for your consideration.

Best regards,

Dianna Noriega
Enterprise Agreement Account Manager | Esri Global Water Practice



Environmental Systems Research Institute, Inc.
380 New York St
Redlands, CA 92373-8100
Phone: (909) 793-2853 Fax: (909) 307-3049
DUNS Number: 06-313-4175 CAGE Code: OAMS3

*To expedite your order, please attach a copy of
this quotation to your purchase order.
Quote is valid from: 3/23/2021 To: 7/9/2021*

Quotation # Q-421603

Date: March 23, 2021

Customer # 305615 Contract # ENTERPRISE
AGREEMENT

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

ATTENTION: Adam Janzen
PHONE: (716) 283-9770 x230
EMAIL: ajanzen@nfwb.org

Material	Qty	Term	Unit Price	Total
168089	1	Year 1	\$25,000.00	\$25,000.00
Meter Counts 10,001 to 50,000 Small Utility Term Enterprise License Agreement				
168089	1	Year 2	\$25,000.00	\$25,000.00
Meter Counts 10,001 to 50,000 Small Utility Term Enterprise License Agreement				
168089	1	Year 3	\$25,000.00	\$25,000.00
Meter Counts 10,001 to 50,000 Small Utility Term Enterprise License Agreement				
Subtotal:				\$75,000.00
Sales Tax:				\$0.00
Estimated Shipping and Handling (2 Day Delivery):				\$0.00
Contract Price Adjust:				\$0.00
Total:				\$75,000.00

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

For questions contact:

Dianna Noriega

Email:

dnoriega@esri.com

Phone:

(909) 793-2853 x3874

The items on this quotation are subject to and governed by the terms of this quotation, the most current product specific scope of use document found at <https://assets.esri.com/content/dam/esrisites/media/legal/product-specific-terms-of-use/e300.pdf>, and your applicable signed agreement with Esri. If no such agreement covers any item quoted, then Esri's standard terms and conditions found at <https://go.esri.com/MAPS> apply to your purchase of that item. Federal government entities and government prime contractors authorized under FAR 51.1 may purchase under the terms of Esri's GSA Federal Supply Schedule. Supplemental terms and conditions found at <https://www.esri.com/en-us/legal/terms/state-supplemental> apply to some state and local government purchases. All terms of this quotation will be incorporated into and become part of any additional agreement regarding Esri's offerings. Acceptance of this quotation is limited to the terms of this quotation. Esri objects to and expressly rejects any different or additional terms contained in any purchase order, offer, or confirmation sent to or to be sent by buyer. Unless prohibited by law, the quotation information is confidential and may not be copied or released other than for the express purpose of system selection and purchase/license. The information may not be given to outside parties or used for any other purpose without consent from Esri. Delivery is FOB Origin.

NORIEGAD

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



Quotation # Q-421603

Date: March 23, 2021

Customer # 305615 Contract # ENTERPRISE AGREEMENT

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

ATTENTION: Adam Janzen
PHONE: (716) 283-9770 x230
EMAIL: ajanzen@nfwb.org

Environmental Systems Research Institute, Inc.
380 New York St
Redlands, CA 92373-8100
Phone: (909) 793-2853 Fax: (909) 307-3049
DUNS Number: 06-313-4175 CAGE Code: OAMS3

To expedite your order, please attach a copy of this quotation to your purchase order.
Quote is valid from: 3/23/2021 To: 7/9/2021

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

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

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

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

Please check one of the following:

☐ I agree to pay any applicable sales tax.

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

Signature of Authorized Representative

Date

Name (Please Print)

Title

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

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

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

For questions contact:

Dianna Noriega

Email:

dnoriega@esri.com

Phone:

(909) 793-2853 x3874

The items on this quotation are subject to and governed by the terms of this quotation, the most current product specific scope of use document found at <https://assets.esri.com/content/dam/esrisites/media/legal/product-specific-terms-of-use/e300.pdf>, and your applicable signed agreement with Esri. If no such agreement covers any item quoted, then Esri's standard terms and conditions found at <https://go.esri.com/MAPS> apply to your purchase of that item. Federal government entities and government prime contractors authorized under FAR 51.1 may purchase under the terms of Esri's GSA Federal Supply Schedule. Supplemental terms and conditions found at <https://www.esri.com/en-us/legal/terms/state-supplemental> apply to some state and local government purchases. All terms of this quotation will be incorporated into and become part of any additional agreement regarding Esri's offerings. Acceptance of this quotation is limited to the terms of this quotation. Esri objects to and expressly rejects any different or additional terms contained in any purchase order, offer, or confirmation sent to or to be sent by buyer. Unless prohibited by law, the quotation information is confidential and may not be copied or released other than for the express purpose of system selection and purchase/license. The information may not be given to outside parties or used for any other purpose without consent from Esri. Delivery is FOB Origin.

NORIEGAD

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

Esri Use Only:

Cust. Name _____
 Cust. # _____
 PO # _____
 Esri Agreement # _____



SMALL ENTERPRISE AGREEMENT SMALL UTILITY (E215-2)

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

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

Table A
List of Products

Uncapped Quantities**Desktop Software and Extensions** (Single Use)

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

Enterprise Software and Extensions

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

Enterprise Additional Capability Servers

ArcGIS Image Server

Developer Tools

ArcGIS Engine
 ArcGIS Engine Extensions: ArcGIS 3D Analyst, ArcGIS
 Spatial Analyst, ArcGIS Engine Geodatabase Update,
 ArcGIS Network Analyst, ArcGIS Schematics
 ArcGIS Runtime (Standard)
 ArcGIS Runtime Analysis Extension

Limited Quantities

One (1) Professional subscription to ArcGIS Developer
 Two (2) ArcGIS CityEngine Single Use Licenses
 50 ArcGIS Online Viewers
 50 ArcGIS Online Creators
 10,000 ArcGIS Online Service Credits
 50 ArcGIS Enterprise Creators
 5 ArcGIS Insights in ArcGIS Enterprise
 5 ArcGIS Insights in ArcGIS Online
 10 ArcGIS Tracker for ArcGIS Enterprise
 10 ArcGIS Tracker for ArcGIS Online
 50 ArcGIS Utility Network User Type Extensions (Enterprise)
 1 ArcGIS Business Analyst Web App

OTHER BENEFITS

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

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

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

Term of Agreement: Three (3) years

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

Accepted and Agreed:

(Customer)

By: _____
Authorized Signature

Printed Name: _____

Title: _____

Date: _____

CUSTOMER CONTACT INFORMATION

Contact: _____

Telephone: _____

Address: _____

Fax: _____

City, State, Postal Code: _____

E-mail: _____

Country: _____

Quotation Number (if applicable): _____

1.0—ADDITIONAL DEFINITIONS

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

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

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

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

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

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

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

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

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

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

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

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

2.0—ADDITIONAL GRANT OF LICENSE

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

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

3.0—TERM, TERMINATION, AND EXPIRATION

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

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

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

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

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

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

4.0—PRODUCT UPDATES

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

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

5.0—MAINTENANCE

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

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

a. Tier 1 Support

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

b. Tier 2 Support

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

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

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

6.0—ENDORSEMENT AND PUBLICITY

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

7.0—ADMINISTRATIVE REQUIREMENTS

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

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

8.0—ORDERING, ADMINISTRATIVE PROCEDURES, DELIVERY, AND DEPLOYMENT

8.1 Orders, Delivery, and Deployment

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

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

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

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

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

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

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

9.0—MERGERS, ACQUISITIONS, OR DIVESTITURES

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

- 9.1 If an Ownership Change increases the cumulative program count beyond the maximum level for this Agreement, Esri reserves the right to increase the Fee or terminate this Agreement and the parties will negotiate a new agreement.
- 9.2 If an Ownership Change results in transfer or sale of a portion of Customer's organization, that portion of Customer's organization will transfer the Products to Customer or uninstall, remove, and destroy all copies of the Products.
- 9.3 This Agreement may not be assigned to a successor entity as a result of an Ownership Change unless approved by Esri in writing in advance. If the assignment to the new entity is not approved, Customer will require any successor entity to uninstall, remove, and destroy the Products. This Agreement will terminate upon such Ownership Change.

**WWTP SPDES PERMIT RENEWAL ENGINEERING
AND SCIENTIFIC SUPPORT SERVICES**

WHEREAS, the Niagara Falls Water Board (“Water Board”) wastewater treatment plant (“WWTP”) operates pursuant to a State Pollutant Discharge Elimination (“SPDES”) permit issued by the NYS Department of Environmental Conservation (“DEC”); and

WHEREAS, the SPDES permit with an original effective date of November 1, 2013 last was modified in October 2018, and currently is the subject of a full review by DEC technical and professional staff that will culminate in issuance of a new SPDES permit; and

WHEREAS, the new SPDES permit is expected to incorporate changes that may include effluent discharge limitations or requirements that the Water Board’s existing physical/chemical treatment plant may not be able to meet or which may require significant process and/or technology modifications; and

WHEREAS, the DEC is requiring the Water Board to supply certain sampling data related to the SPDES permit by June 25, 2021, which should be reviewed by a consultant with appropriate knowledge and experience prior to its submission; and

WHEREAS, the Water Board’s professional, operations, and environment laboratory staff have limited experience with SPDES permit renewals; and

WHEREAS, the SPDES permit renewal process has advanced to a stage where the Water Board must:

1. review the WWTP’s present ability to meet certain proposed new effluent limitations, including reviewing available data and data that must be collected, and assessing the advisability of studies to establish whether compliance with proposed limits is within the technological capacity of the WWTP;
2. gain an understanding of the scope and cost of the process or technology upgrades necessary to comply with proposed SPDES permit changes;
3. develop a sampling plan to assess the impact of proposed permit modifications;
4. have guidance from an individual or entity experienced with the technical basis and methodology upon which modifications to parameters in SPDES permit renewals are based;
5. complete a technical review necessary to determine if DEC’s mixing-zone modeling accurately reflects conditions where the WWTP effluent discharges, a factor critical to the SPDES permit effluent limitations; and

WHEREAS, the Water Board must commence this work immediately in order to provide timely and scientifically valid feedback to DEC prior to DEC finalizing the renewed SPDES permit; and

WHEREAS, Water Board staff solicited AECOM, GHD, and Arcadis, the only firms known to Water Board staff potentially to have sufficient experience with the WWTP and the technical capabilities to provide the SPDES permit renewal support required; and

WHEREAS, AECOM has presented a March 31, 2021 proposal to provide the professional services necessary to perform the SPDES permit renewal parameter review and support and mixing zone model review that the Water Board requires on a time and material basis not to exceed \$31,450; and

WHEREAS, GHD and Arcadis have declined to provide a proposal, and representatives from both of those firms have suggested that selection of AECOM to perform the work likely is the best approach for the Water Board; and

WHEREAS, AECOM's proposal includes the use of Water Board Environmental Laboratory staff for sampling and other functions in order to reduce the overall cost of this work for the Water Board; and

WHEREAS, AECOM engineers have been performing various engineering and scientific studies at the WWTP that have involved gathering vast amounts of data and specialized knowledge and experience regarding the WWTP effluent and its process and technology limitations; and

WHEREAS, in recent years AECOM has provided consulting services regarding the WWTP's Consent Order and has worked on several studies directly relevant to determining whether DEC's proposed permit parameter modifications are likely to result in WWTP non-compliance given historic performance data and current WWTP status following recent capital and process improvements; and

WHEREAS, the work required to provide review and support for the Water Board's SPDES permit removal is closely related to the following prior and ongoing studies and engineering services by AECOM (or URS, its predecessor): 2010-2015 turbidity study, 2016 mercury removal study, 2018-2019 chemical optimization studies, 2018-2019 disinfection improvement report and design, 2019-2020 physical/chemical treatment alternatives study with evaluation of two biological treatment pilot systems, 2020-2021 chlorine dioxide pilot testing, and ongoing Consent Order compliance support; and

WHEREAS, given the relatively modest cost of the SPDES permit work needed when compared to prior AECOM studies and the close association with the data previously collected and analyzed in connection with these previous projects, it normally would be advisable to contract for the extra work required in connection with the SPDES permit renewal as a change order to one of the open projects, but a change order is not desirable in this case because it would introduce unnecessary complication with the grants applying to these previously authorized projects; and

WHEREAS, pursuant to the Water Board's Procurement Policy Section 5.8.3, procurement of professional services over \$10,000 generally should be pursuant to a request for proposals ('RFP') or request for qualifications ('RFQ'); and

WHEREAS, consistent with the procurement policy, this resolution has set forth (1) the reasons why a formal RFP or RFQ was not issued; (2) which firms informally were solicited for proposals; and (3) why the procurement should not be postponed to permit compliance with Section 5.8.3;

NOW THEREFORE BE IT

RESOLVED, that that on behalf of the Niagara Falls Water Board, its Executive Director be and hereby is authorized to enter into an agreement with AECOM consistent with that firm's March 31, 2021 proposal to provide the professional services related to the SPDES permit renewal parameter review and support and mixing zone model review, on a time and material basis not to exceed \$31,450.

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

Water Board Budget Line or Capital Plan Item with Funds for this Resolution:
GA.8110.0001.0451.000 – WWTP Administration Consultants
Budget Line Supplied by: D. Williamson
Available Funds Confirmed by: B. Majchrowicz (budget line contains sufficient funds for this expenditure but may need to be supplemented through transfers in order to cover future expenses)

On April 26, 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

March 31, 2021

Mr. Sean Costello
Interim Executive Director
Niagara Falls Water Board
5815 Buffalo Avenue
Niagara Falls, NY 14304

Subject: Proposal for NFWB WWTP Permit Renewal Assistance

Dear Mr. Costello:

Pursuant to our recent communications, AECOM USA Inc. (AECOM) is pleased to submit this proposal to the Niagara Falls Water Board (NFWB) to provide assistance with the review and management of permit renewal proceedings for the wastewater treatment plant (WWTP). The contents of this proposal are organized as follows:

- Background Information
- Project Understanding
- Scope of Work
- Project Team
- Project Schedule
- Project Budget
- Attachment A – Compensation Schedule

Background

The NFWB WWTP is located at 1201 Buffalo Avenue, in the City of Niagara Falls, New York. The WWTP is a physical chemical treatment plant and provides treatment of municipal and industrial wastewaters generated in the City of Niagara Falls and portions of the Town of Niagara. The Facility's State Pollutant Discharge Elimination (SPDES) permit was last modified by the NYSDEC on October 29, 2018. The NYSDEC has reviewed the current SPDES permit that the facility continues to operate under and has recently provided draft renewal changes that present potential challenges and unknowns associated with existing and general technology treatment capabilities.

Project Understanding

The WWTP is unique in Western New York and the United States as it was conceived and designed at a time when the influent to the WWTP was laden with organic and inorganic chemicals from industrial wastewater discharges. Many of the compounds presumably were assumed to be toxic or inhibitory to a conventional activated sludge secondary treatment plant that was typically constructed in the 1970s and 1980s. The plant was also designed prior to implementation of industrial pretreatment regulations, and industrial wastewaters were discharged to the sewer system without treatment. Similarly, many of the current WWTP SPDES permit parameters are associated with chemical constituents that were being discharged by the industrial facilities and being treated at the NFWB WWTP.

Since the plant was conceived and built, the USEPA has promulgated industrial wastewater pre-treatment regulations that require industries to control their chemical discharges. Furthermore, many industries that use to operate and discharge to the WWTP no longer operate in the NFWB service district. As a result, the chemical loading in the wastewater and the need for activated carbon treatment has diminished to the point that it might no longer be the selected technology if the plant were designed and built today.

The NYSDEC has provided the NFWB with a preliminary draft permit with multiple changes that present challenges for future effluent discharge compliance. Ultimately, these permit changes may result in significant process and/or technology modifications such as more frequent carbon changes and an effluent dechlorination process.

AECOM has been providing engineering services such as alternative evaluations, permitting, process optimization, and design at the NFWB WWTP for many years. Based on our knowledge gained of the WWTP and operations while working at this facility, AECOM is poised to assist with supporting, reviewing, and providing technical guidance for this project

Scope of Work

To accomplish the objectives of this project, AECOM proposes the following project tasks:

- Task 1 – Renewal Permit Parameter Review and Support
- Task 2 – Mixing Zone Model Review

The work activities associated with each task are detailed below.

Task 1 – Renewal Permit Parameter Review and Support

AECOM has and will continue to review the proposed permit parameter modifications and provide technical and historic basis for negotiations with the NYDEC. As part of this support AECOM will provide:

- Assessment of the permit parameter modifications relative to historic and recent WWTP performance data to develop the likelihood of non-compliance given the current WWTP systems.
- Identify data gaps and the need for additional analytical testing specific to various unit processes (i.e., carbon bed effluent relative to post chlorination, etc.).
- Develop sampling plan(s) for the NFWB staff to implement to provide a better basis for evaluating the potential impacts from the proposed permit modifications.
- Review and provide comments associated with information provided by the NYSDEC.
- Provide comparative regulatory assessment of the proposed modifications using the NYS Technical and Operational Guidance Series (TOGS) and experience with other local municipality renewal methods.
- Coordinate with legal counsel as needed to support responses to the NYSDEC.
- Assess the need for follow-on studies and/or evaluations to implement any outcomes and/or requirements from the permit renewal. Provide specific evaluation and general study scoping details.

Task 1 - Assumptions

- NFWB will be responsible for any sample collection and analyses via inhouse laboratory staff or outside 3rd- party laboratory analyses developed as part of this project.

Task 2 – Mixing Zone Model Review

In Task 2, AECOM will provide a technical review of the NYSDECs proposed mixing zone included in the proposed permit modifications. The preliminary calculations of water quality based effluent limitations for the NFWB permit modifications have been developed using the CORMIX mixing zone model. The CORMIX model and input/output results have been provided by the NYSDEC.

The CORMIX mixing zone modeling system is used to predict dilution factors (DFs) under critical conditions for WWTP discharges. The CORMIX modeling system, developed for the U.S. Environmental Protection Agency (U.S. EPA), is a rule-based system that classifies the interaction of discharges and the receiving

water. The CORMIX models use empirically-derived curve fit equations to make dilution predictions. These equations are selected from length scales determined from input parameters that are input by the user. The program makes many of the decisions for the model-user based on the input parameters that are provided. As such, there is potential for changes to the model results based on specific inputs and interpretation of which receiving stream data and characteristics to use.

Task 2 - Assumptions

This task does not include CORMIX model simulations. Rather, this task only includes the review of the user inputs and model outputs to validate the model results. If a user input parameter or model configuration presents the potential for a significant impact to the CORMIX results a model simulation may be developed at additional cost. A single license for the CORMIX model is approximately \$4,500.

Project Schedule

A WWTP permit modification development and negotiation process can last for years depending on the proposed changes and the agency's review and willingness to compromise. It is unclear how long the NFWB WWTP permit modification process and will take; therefore, a defined schedule for this project cannot be developed. This scope of work is developed with an "as-needed" approach depending on the NYSDEC responses and negotiation outcomes.

Project Budget

Table 1 presents the level of effort and estimated cost to assist the NFWB with the preliminary permit modification information provided by the NYSDEC. We propose that the work be completed on a time and materials basis not to exceed \$31,450. If and/or when additional funds are required, AECOM will advise the NFWB and develop a path forward accordingly.

TABLE 1
Estimated Budget

Task	Labor			
	Hours	Cost	Expenses	Total
Task 1 – Renewal Permit Parameter Review and Support	146	\$26,233	--	\$26,233
Task 2 – Mixing Zone Model Review	22	\$5,217	--	\$5,217
Total	168	\$31,450	--	\$31,450

All project charges will be billed as follows:

- Labor – Direct salary times a 2.7 labor multiplier.

Personnel anticipated to work on this Project and current direct labor rates are listed below

- John Goeddert Ph.D. - Senior Technical Consultant \$78
- Dominique Brocard - Mixing Zone Expert \$107
- Jeff Tudini - Project Engineer/Project Manager \$56

Personnel not listed above may be used depending on their expertise and availability. All project billings will identify the individual working on the project, their title, billing rate, and hours worked listed by week ending date.

If NFWB is in concurrence with the services as proposed, please execute a purchase order, and email an executed copy to my attention at jeffrey.tudini@aecom.com. We truly appreciate the opportunity to

submit this proposal and look forward to working with you and your staff. If you have any questions or concerns, please do not hesitate to contact me at 716-868-4306.

Sincerely yours,
AECOM USA, Inc.

A handwritten signature in black ink, appearing to read "Jeffrey Tudini".

Jeffrey Tudini
Project Manager

A handwritten signature in blue ink, appearing to read "Thomas M. McPherson".

Thomas M. McPherson, P.E.
Vice President

**AUTHORIZING OUTSIDE PIPES CREW LEADERS
TO TAKE HOME WORK TRUCKS TO SPEED EMERGENCY RESPONSES**

WHEREAS, the Niagara Falls Water Board (“Water Board”) motor vehicle use policy originally adopted pursuant to Resolution No. 2018-11-017 provides in part that “[u]nless specifically authorized by a Water Board contract or resolution, no Water Board employee shall be permitted to take home a Water Board vehicle overnight”; and

WHEREAS, the Water Board has determined that it is in the best interests of organization, its ratepayers, and the public to allow up to four outside collections and distribution crew leaders the option to take home their work trucks in order to reduce the time required to respond to emergencies including water main breaks with the tools necessary to isolate water mains, to begin barricading potentially dangerous areas, to begin the process of marking utilities for Dig Safely purposes, and to help to determine the appropriate personnel and equipment for repairs; and

WHEREAS, this Resolution sets certain terms and conditions pursuant to which crew leaders who opt to bring a Water Board truck home must agree in writing, and these terms are intended to protect against abuse of Water Board resources and to reserve to the Water Board its rights to manage its property, including the vehicle fleet;

* CONTINUED ON NEXT PAGE *

NOW THEREFORE BE IT

RESOLVED, that the Niagara Falls Water Board hereby authorizes up to four outside pipes crew leaders take home Water Board work trucks, provided the employees agree in writing to the following terms and conditions, and any additional terms and conditions that management may reasonably require:

- 1) Authorized employees may not use the Water Board trucks for personal purposes, only to commute to and from Water Board facilities and work sites;
- 2) The vehicle's GPS unit must remain active at all times and will be reviewed frequently;
- 3) Employees must use best efforts to park the vehicle where it will be safe from damage;
- 4) Take-home vehicles will be suspended or revoked for any policy violations; and
- 5) Take-home privileges may be terminated or suspended by the Board or by management at any time and for any reason whatsoever.

Water Board Personnel Responsible for Implementation of this Resolution:

Superintendent
Acting Executive Director

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

Not Applicable.

On April 26, 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