



ITEM	NO.	CAT.	PROJECT NAME	PROJECT DESCRIPTION	RATING	COST ESTIMATE	FUNDING	FORECASTED EXPENDITURES					
								2022	2023	2024	2025	2026	Deferred
COMBINED PROJECTS (WATER AND WASTEWATER) - C													
C	1	----	IT Plan Implementation	Develop & implement IT solution	MEDIUM	\$30,000	Annual Coverage Transfer	\$30,000	\$30,000	\$30,000	\$30,000	\$30,000	\$30,000
C	2	----	Meter Replacement & Upgrades	Replace inaccurate & old meters	MEDIUM	\$70,000	Annual Coverage Transfer	\$70,000	\$70,000	\$70,000	\$70,000	\$70,000	\$70,000
C	3	----	Fleet Replacement	Replenish fleet	MEDIUM	\$80,000	Annual Coverage Transfer	\$80,000	\$80,000	\$80,000	\$80,000	\$80,000	\$80,000
C	4	----	Water/sewer GIS/GPS Mapping	Document system assets	MEDIUM	\$5,000	Annual Coverage Transfer	\$5,000	\$5,000	\$5,000	\$5,000	\$5,000	\$5,000
C	5	----	Combined Projects - Miscellaneous	Projects not forecasted or based on an emergency	HIGH	\$100,000	Annual Coverage Transfer	\$100,000	\$100,000	\$100,000	\$100,000	\$100,000	\$100,000
FORECASTED EXPENDITURES - SUBTOTALS PER YEAR								\$285,000	\$285,000	\$285,000	\$285,000	\$285,000	\$285,000
WASTEWATER TREATMENT PLANT INFRASTRUCTURE PROJECTS - WWTP													
WWTP	1	G	Project No.1 - SEDIMENTATION BASINS AND SCUM COLLECTION SYSTEM MODIFICATION (WWTP Rehab Phase 4A)	Conversion of (4) sedimentation basins to chain and flight and rehabilitation work, scum building upgrades	HIGH	\$9,195,110	SAM Grant #15688 Phase I	\$1,326,975	\$1,326,975	\$1,326,975			
							Project 1 Bid Est. Current	\$2,653,949	\$2,653,949	\$2,653,949			\$0
		ENG					#15688 Matching Funds	\$1,326,975	\$1,326,975	\$1,326,975			\$700,000
WWTP	1.2	G	Project No.1 - Phase 2	Influent channel leak repair of expansion joints	LOW	\$700,000	TBD						\$700,000
WWTP	1.3	M	Project No.1 - Phase 3	Sed. Basin #5 treatment of backwash water	MEDIUM	\$1,000,000	TBD						\$1,000,000
WWTP	2	G	Project No.2 - GORGE PUMP STATION REHABILITATION (WWTP Rehab Phase 4B)	Three (3) new 600 hp pumps with new motors and drives, heating and ventilation improvements	HIGH	\$3,276,065	SAM Grant #15688 Phase I	\$984,897					
							Project 2A Bid Est. Current	\$1,969,794				\$0	
							#15688 Matching Funds	\$984,897					
WWTP	3	G	Project No.3 - SCREENINGS AND GRIT TRANSPORT EQUIPMENT IMPROVEMENTS, POLYMER EQUIPMENT UPGRADES, AND DEWATERING EQUIPMENT CONTROL UPGRADES (WWTP Rehab Phase 4C)	New screenings belt conveyor, grit screw conveyor, sedimentation basin no. 5 polymer feed pump and variable frequency drive, and dry polymer mixing systems	HIGH	\$1,982,115	SAM Grant #15688 Phase I	\$790,274					
							Project 3 Bid Est. Current	\$1,580,549				\$0	
		ENG					#15688 Matching Funds	\$790,274					\$300,000
WWTP	3.2	M	Project No.3 - Phase 2	Grit pump flow meters	MEDIUM	\$300,000	TBD						\$300,000
WWTP	3.3	G	Project No.3 - Phase 3	Rapid Mix Tank Cleaning	MEDIUM	\$400,000	TBD						\$400,000
WWTP	3.3	G	Project No.3 - Phase 4	Additional belt filter press and conveyor	MEDIUM	\$2,000,000	TBD						\$2,000,000
WWTP	5	E	Project No.5 - ELECTRICAL SYSTEMS IMPROVEMENTS (WWTP Rehab Phase 4E)	Electrical assessment of high voltage system, power centers and transformers and replacement of defective electrical systems	HIGH	\$2,610,000	ONGOING						\$0
							ENG						
WWTP	5.1	E	Project No.5 - Electrical Systems Improvements (Phase 1)	Replacement of stone and grounding grid at electrical substation, Retrofit of the spare 480 volt breakers draw-out circuit breakers with a new electronic trip unit	HIGH	\$201,762	SAM Grant #15688 Phase I	\$100,881					
							Project 5 Cost	\$201,762				\$0	
		ENG					#15688 Matching Funds	\$100,881					
WWTP	5.2	E	Project No.5 - Electrical Systems Improvements (Phase 2)	Power center #2 and #5 transformer replacement	MEDIUM	\$2,000,000	SAM Grant #15688 Phase I	\$861,716					
							Project 5 Cost Est. Current	\$1,723,432				\$2,000,000	
		ENG					#15688 Matching Funds	\$861,716					
WWTP	5.4	E	Project No.5 - Electrical Systems Improvements (Phase 3)	Power center #4 and #1B transformer replacement	MEDIUM	\$2,000,000	TBD						\$2,000,000
WWTP	5.5	E	Project No.5 - Electrical Systems Improvements (Phase 4)	New PA and fire alarm system	LOW	\$300,000	TBD						\$300,000
WWTP	5.6	E	Project No.5 - Electrical Systems Improvements (Phase 5)	Carbon area lighting, switchyard improvements	MEDIUM	\$500,000	TBD						\$500,000
WWTP	6.2	G	Project No.6 - Effluent Disinfection (Phase 6)	Carbon bed effluent cleaning & inspection	MEDIUM	\$500,000	TBD						\$500,000
WWTP	6.3	G	Project No.6 - Effluent Disinfection (Phase 3)	Carbon filter mud valve replacements	MEDIUM	\$700,000	TBD						\$700,000
WWTP	7	H	Project No.7 - HVAC IMPROVEMENTS (WWTP Rehab Phase 4G)	Sludge building, belt filter press area, carbon storage area, main pump building and wet well, headworks area heating and ventilation improvements	HIGH	\$1,099,883	SAM Grant #15688 Phase I	\$503,802					
							Project 7 Bid Est. Current	\$1,007,603				\$0	
		ENG					#15688 Matching Funds	\$503,802					
WWTP	7.2	H	Project No.7 - HVAC Improvements (Phase 2)	New BFP, control room and odor control building HVAC units	MEDIUM	\$1,000,000	TBD						\$1,000,000
WWTP	8.2	M	Project No.8 - Backwash Pump, Motor, VFD & Controls (Phase 2)	New backwash pump, motor, VFD & controls	MEDIUM	\$1,500,000	TBD						\$1,500,000
WWTP	9	M	Project No.9 - INTERIOR PIPING IMPROVEMENTS (WWTP Rehab Phase 4I)	Replacement of existing plant water line, including the installation, temporary waterline bypass system, and waterline connections	HIGH	\$601,516	SAM Grant #15688 Phase I	\$263,776					
							Project 9M Bid Est. Current	\$527,551				\$0	
		ENG					SAM Grant Matching Funds	\$263,776					
WWTP	10	E	Project No.10 - SCADA IMPROVEMENTS (WWTP Rehab Phase 4J)	Improvements to the existing SCADA system for the new WWTP equipment	HIGH	\$498,650	SAM Grant #15688 Phase I	\$48,465	\$48,465	\$48,465			
							Project 10 Bid Est. Current	\$96,930	\$96,930	\$96,930		\$0	
							#15688 Matching Funds	\$48,465	\$48,465	\$48,465			
WWTP	11		WWTP PHASE II GRANT PROJECTS										\$0
WWTP	11.3	G	Project No.11 (WWTP Phase II Grant) - Exterior Piping Improvements (Upgrades to the Sewer Line from Sedimentation Basin No.5)	Installation of a new drain pipe and manholes for sedimentation basin no. 5, new casing pipe and poly tubing for hypo. transport to the scum building	MEDIUM	\$695,655	Sam Grant Project ID #19246	\$173,914					
							Project 11G Bid Est. Current	\$347,828				\$0	
		ENG					#19246 Matching Funds	\$173,914					
WWTP	11.4	G	Project No.11 (WWTP Phase II Grant) - Exterior Piping Improvements (Replacement of Sludge and Hypochlorite Pipelines)	Removal of a portion of existing sludge lines and the installation of new sludge lines from the Sludge Building to the Thickened Sludge Pump Building (TSPB)	MEDIUM	INCLUDED ABOVE	Sam Grant Project ID #20545	\$173,914					
							Project 11G Bid Est. Current	\$347,828				\$0	
		ENG					#20545 Matching Funds	\$173,914					
WWTP	11.5	G	Project No.12 (WWTP Phase II Grant) - WWTP Intermediate Pump Upgrades	Assessment and replacement of (4) intermediate pumps and check valves	HIGH	\$3,075,000	SAM Grant Project ID #24605	\$37,500	\$750,000	\$750,000			
							Project 12 Cost Est. Current	\$75,000	\$1,500,000	\$1,500,000		\$0	
		ENG					#24605 Matching Funds	\$37,500	\$750,000	\$750,000			
WWTP	11.6	G	Project No. (WWTP Phase II Grant) - Plant Water System Upgrades	Removal and replacement of plant water piping	MEDIUM	\$1,000,000	TBD						\$1,000,000
WWTP	11.7	G	Project No. (WWTP Phase II Grant) - Interior and Exterior City Water System Upgrades	Removal and replacement of interior and exterior city water piping	MEDIUM	\$2,000,000	TBD						\$2,000,000
WWTP	12		WWTP ROOF REPAIRS	Replace & repair large sections of the WWTP roofs	LOW	\$2,000,000	2021 grant application (TBD)		\$600,000	\$600,000			
							Project Cost Estimate		\$1,000,000	\$1,000,000		\$0	
							Future Matching Funds		\$400,000	\$400,000			
WWTP	12.1	G	WWTP Roof Repairs (Phase 1) - Carbon Area Roof	Replacement of carbon area roof	LOW	\$2,200,000	TBD						\$2,200,000



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								2022	2023	2024	2025	2026	Deferred		
WWTP	13		WWTP CHEMICAL BULK STORAGE	Replacement of sodium hypochlorite tank no.216 and (2) ferric chloride tanks	HIGH	\$150,000	2021 grant application (TBD) Project Cost Estimate Future Matching Funds		\$90,000 \$150,000 \$60,000					\$0	
WWTP	13.1	M	WWTP Chemical Bulk Storage (Phase 1)	Replacement of (2) ferric chloride tanks	MEDIUM	\$750,000	TBD							\$750,000	
WWTP	13.2	M	WWTP Chemical Bulk Storage (Phase 2)	Tank #216 secondary containment lining	HIGH	\$40,000	TBD							\$40,000	
WWTP	13.3	M	WWTP Chemical Bulk Storage (Phase 3)	Tank #216 replacement	MEDIUM	\$300,000	TBD							\$300,000	
WWTP	14		WWTP STRUCTURAL /MASONRY REPAIRS	Repair aging and failing structural components	MEDIUM	\$850,000	2021 grant application (TBD) Project Cost Estimate Future Matching Funds		\$510,000 \$850,000 \$340,000					\$0	
WWTP	14.1	G	WWTP Masonry Repairs (Phase 1) - Misc. repairs, replace brick soldier course	Necessary masonry repairs to buildings	MEDIUM	\$850,000	TBD							\$850,000	
WWTP	14.2	NFWB	WWTP Structural Demolition - Old Lime Feed System	Removal of old lime feed system in Sludge Bldg.	LOW	\$100,000	Annual Coverage Transfer	\$100,000						\$100,000	
WWTP	14.3	G	WWTP Structural Demolition - Chemical Building	Removal old equipment in chemical bldg.	LOW	\$100,000	TBD							\$100,000	
WWTP	14.4	G	WWTP Structural Demolition - Sulfuric Acid Tank and Piping	Removal of abandoned sulfuric acid tank and piping	LOW	\$300,000	TBD							\$300,000	
WWTP	14.5	G	WWTP Structural Demolition - Carbon Furnace Area	Removal of unused carbon furnace equipment	LOW	\$4,000,000	TBD							\$4,000,000	
WWTP	15		WWTP BIOLOGICAL CONVERSION PROJECTS	Conversion of physical-chemical WWTP to biological treatment	HIGH	\$200,000,000	Total Project Cost Estimate							\$0	
WWTP	15.1	ENG	WWTP Biological Conversion - Engineering (Phase 1)	Necessary to improve effluent water quality and meet regulatory standards	HIGH	\$40,000,000	Future grant application (TBD) Project Cost Estimate Future Matching Funds							\$40,000,000	
WWTP	15.2	G	WWTP Biological Conversion - Construction (Phase 2)	Necessary to improve effluent water quality and meet regulatory standards	HIGH	\$40,000,000	Future grant application (TBD) Project Cost Estimate Future Matching Funds							\$40,000,000	
WWTP	15.3	G	WWTP Biological Conversion - Construction (Phase 3)	Necessary to improve effluent water quality and meet regulatory standards	HIGH	\$40,000,000	Future grant application (TBD) Project Cost Estimate Future Matching Funds							\$40,000,000	
WWTP	15.4	G	WWTP Biological Conversion - Construction (Phase 4)	Necessary to improve effluent water quality and meet regulatory standards	HIGH	\$40,000,000	Future grant application (TBD) Project Cost Estimate Future Matching Funds							\$40,000,000	
WWTP	15.5	G	WWTP Biological Conversion - Construction (Phase 5)	Necessary to improve effluent water quality and meet regulatory standards	HIGH	\$40,000,000	Future grant application (TBD) Project Cost Estimate Future Matching Funds							\$40,000,000	
WWTP	16		WWTP BUILDING AND SITE PROJECTS	Necessary repairs and improvements to building and site	LOW TO MEDIUM	\$1,500,000	Future grant application (TBD) Project Cost Estimate Future Matching Funds		\$300,000 \$500,000 \$200,000					\$0	
WWTP	16.1	E	Standby Generator	Standby generator system capable of temp. power to complete WWTP	LOW	\$1,500,000	TBD							\$1,500,000	
WWTP	16.2	G	Plant Road Repaving	Necessary repaving of WWTP roads	MEDIUM	\$600,000	TBD							\$600,000	
WWTP	17	NFWB	WWTP INFRASTRUCTURE PROJECTS - MISCELLANEOUS	As needed	HIGH	\$200,000	Annual Coverage Transfer	\$200,000	\$200,000	\$200,000	\$200,000	\$200,000	\$200,000	\$200,000	
PROJECT GRANT FUNDING LEGEND															
CATEGORIES															
WWTP PHASE I GRANT PROJECTS - SAM Grant #15688 (total grant amount = \$13,500,000)							NFWB - Niagara Falls Water Board	SAM Grant #15688 Phase I	\$4,880,785	\$1,375,440	\$1,375,440	\$0	\$0	\$0	\$0
WWTP PHASE II GRANT PROJECTS - SAM Grant #By Project (total grant amount = \$6,500,000)							ENG - Engineering and Bidding	#15688 Matching Funds	\$4,880,785	\$1,375,440	\$1,375,440	\$0	\$0	\$0	\$0
2021 NYS EFC WIA Grant Projects - Wastewater Treatment Plant							G - General Construction	SAM Grant #19246	\$173,914	\$0	\$0	\$0	\$0	\$0	\$0
Grant Application submitted (waiting on approval)							M - Mechanical Construction	#19246 Matching Funds	\$173,914	\$0	\$0	\$0	\$0	\$0	\$0
FEMA GRANT PROJECT #4204-0003 Phase II (total grant amount = \$2,853,778) - CANCELED							E - Electrical Construction	Sam Grant #20545	\$173,914	\$0	\$0	\$0	\$0	\$0	\$0
							H - HVAC Construction	#20545 Matching Funds	\$173,914	\$0	\$0	\$0	\$0	\$0	\$0
Project has been eliminated								SAM Grant #24605	\$37,500	\$750,000	\$750,000	\$0	\$0	\$0	\$0
Project or work has been completed								#24605 Matching Funds	\$37,500	\$750,000	\$750,000	\$0	\$0	\$0	\$0
Project or work is ongoing								2021 grant application (TBD)	\$0	\$1,500,000	\$600,000	\$0	\$0	\$0	\$0
TBD - To Be Determined								Future Matching Funds	\$0	\$1,000,000	\$400,000	\$0	\$0	\$0	\$0
								Annual Coverage Transfer	\$300,000	\$200,000	\$200,000	\$200,000	\$200,000	\$200,000	\$200,000
FORECASTED EXPENDITURES - SUBTOTALS PER YEAR								\$10,832,226	\$6,950,879	\$5,450,879	\$200,000	\$200,000	\$226,840,000		



ITEM	NO.	CAT.	PROJECT NAME	PROJECT DESCRIPTION	RATING	COST ESTIMATE	FUNDING	FORECASTED EXPENDITURES					Deferred				
								2022	2023	2024	2025	2026					
SEWER INFRASTRUCTURE PROJECTS - S																	
S	1.1	G	GPS Elevator Infiltration	Repair infiltration into GPS elevator shaft	HIGH	\$700,000	TBD						\$700,000				
S	2.1	NFWB	Sanitary Lift Station Upgrades	Repair and upgrades to Sanitary Lift Station	MEDIUM	\$200,000	TBD						\$200,000				
S	3	NFWB	LaSalle Area Sewer Improvements (SSO)	SSO reduction in the LaSalle sewer system area to satisfy the requirements of NYSDEC Consent Order R9-20080528-32	MEDIUM TO HIGH	\$180,000	EPG Grant #111586	\$100,000						\$0			
							Project Cost Estimate (TBD)		\$180,000								
							EPG Matching Grant Funds (TBD)		\$80,000								
							WQIP Grant #111586		\$250,000	\$250,000	\$250,000						
			Project Cost Estimate (TBD)					\$333,333	\$333,333	\$333,333			\$0				
			WQIP Matching Grant Funds (TBD)					\$83,333	\$83,333	\$83,333							
S	4	NFWB	Combined Sewer Overflow Long Term Control Plan (CSO LTCP) Implementation	Implement sewer improvements to mitigate CSO's	LOW	TBD	ON HOLD						\$0				
S	5	NFWB	CSO Outfall Structural Repairs	Repairs to CSO outfalls on lower river	LOW	\$1,000,000	ON HOLD						\$1,000,000				
S	6	NFWB	Large Sewer Main and Tunnel Inspection	Inspect large diameter conveyance systems	LOW	\$350,000	ON HOLD						\$350,000				
S	7.1	NFWB	Large Sewer Main and Tunnel Repairs	Repairs to large sewer mains and tunnels	MEDIUM	\$500,000	TBD						\$500,000				
S	8	NFWB	Sewer/GPS Infrastructure Projects - Miscellaneous	Sewer/GPS projects not forecasted or arise based on an emergency situation	HIGH	\$100,000	Annual Coverage Transfer	\$100,000	\$100,000	\$100,000	\$100,000	\$100,000	\$100,000				
PROJECT GRANT FUNDING LEGEND				Project has been eliminated			Grants	\$100,000	\$250,000	\$250,000	\$250,000	\$0					
2021 Engineering Planning Grant Project No.111586 (total grant amount = \$100,000)				Project or work has been completed			Matching Grant Funds (TBD)	\$80,000	\$83,333	\$83,333	\$83,333	\$0					
2021 WQIP Grant Project No.111586 (total grant amount = \$800,000)				Project or work is ongoing			Annual Coverage Transfer	\$100,000	\$100,000	\$100,000	\$100,000	\$100,000					
				TBD - To Be Determined			FORECASTED EXPENDITURES - SUBTOTALS PER YEAR					\$280,000	\$433,333	\$433,333	\$433,333	\$100,000	\$2,850,000
WATER TREATMENT PLANT INFRASTRUCTURE PROJECTS - WTP																	
WTP	1	NFWB	WTP Small Pump Replacements	Replacement of small WTP pumps necessary to process drinking water	HIGH	\$30,000	Annual Coverage Transfer	\$30,000	\$30,000	\$30,000	\$30,000	\$30,000	\$30,000				
WTP	1.1	M	WTP Large Pump Replacements	Replacement of large WTP pumps necessary to process drinking water	MEDIUM	\$2,000,000	TBD						\$2,000,000				
WTP	1.2	M	WTP Bar Screen Replacement	Replacement of existing bar screens necessary to process drinking water	LOW	\$1,000,000	TBD						\$1,000,000				
WTP	2.1	E	ENG	WTP SCADA Control System Upgrades	Automate WTP operations and perform necessary VA identified upgrades	HIGH	\$500,000	Project Cost Estimate		\$150,000	\$150,000			\$0			
								Future EFC Matching Funds		\$250,000	\$250,000						
WTP	2.2	E	ENG	WTP Security Upgrades	Automate WTP operations and perform necessary VA identified upgrades	MEDIUM TO HIGH	\$50,000	2021 EFC Grant Application (TBD)		\$15,000	\$15,000			\$0			
								Project Cost Estimate		\$25,000	\$25,000						
								Future EFC Matching Funds		\$10,000	\$10,000						
WTP	3	G	WTP Vent Line Replacement	Replace corroding process vent piping	MEDIUM	\$100,000	ON HOLD						\$100,000				
WTP	4	NFWB	WTP Laboratory Instrumentation	New instruments for sample analysis	MEDIUM	\$100,000	As needed						\$100,000				
WTP	5	G	WTP Roofing Work	Repair aging and failing structural components	MEDIUM	\$50,000	Annual Coverage Transfer	\$50,000	\$50,000	\$50,000	\$50,000	\$50,000	\$50,000				
WTP	6	G	WTP Building Improvements and Caulking	WTP renovations necessary for operation	MEDIUM	\$50,000	Annual Coverage Transfer	\$50,000	\$50,000	\$50,000	\$50,000	\$50,000	\$50,000				
WTP	6.1	E	ENG	WTP Chlorine System Upgrades	WTP renovations necessary for operation	HIGH	\$500,000	2021 EFC Grant Application (TBD)		\$150,000	\$150,000			\$0			
								Project Cost Estimate		\$250,000	\$250,000						
								Future EFC Matching Funds		\$100,000	\$100,000						
WTP	6.2	E	ENG	WTP Emergency Backup Generator Upgrades	WTP renovations necessary for operation	HIGH	\$500,000	2021 EFC Grant Application (TBD)		\$150,000	\$150,000			\$0			
								Project Cost Estimate		\$250,000	\$250,000						
								Future EFC Matching Funds		\$100,000	\$100,000						
WTP	6.3	E	ENG	WTP HVAC Rooftop & Make Up Air	WTP renovations necessary for operation	HIGH	\$600,000	2021 EFC Grant Application (TBD)		\$180,000	\$180,000			\$0			
								Total Project Cost Estimate		\$300,000	\$300,000						
								Future EFC Matching Funds		\$120,000	\$120,000						
								2021 EFC Grant Application (TBD)		\$137,400	\$137,400						
WTP	6.4	E	ENG	WTP Fluoride System Upgrades	WTP renovations necessary for operation	HIGH	\$458,000	Project Cost Estimate		\$229,000	\$229,000			\$0			
								Future EFC Matching Funds		\$91,600	\$91,600						
WTP	6.5	G	WTP Freeze Thaw Bed Repairs and Grading	Necessary for operation	MEDIUM	\$300,000	TBD						\$300,000				
WTP	7	NFWB	Water Treatment Plant Infrastructure Projects - Miscellaneous	WTP projects not forecasted or arise based on an emergency situation	HIGH	\$200,000	Annual Coverage Transfer	\$200,000	\$200,000	\$200,000	\$200,000	\$200,000	\$200,000				
PROJECT GRANT FUNDING LEGEND				CATEGORIES			2021 EFC Grant Application (TBD)	\$0	\$782,400	\$782,400	\$0	\$0					
2021 NYS EFC WIIA Grant Projects - Water Treatment Plant				NFWB - Niagara Falls Water Board			Future EFC Matching Funds	\$0	\$521,600	\$521,600	\$0	\$0					
Grant Application submitted (waiting on approval)				ENG - Engineering and Bidding			Annual Coverage Transfer	\$330,000	\$330,000	\$330,000	\$330,000	\$330,000					
2021 NYSDOH Grant Funding for Drinking Water Fluoridation				G - General Construction			FORECASTED EXPENDITURES - SUBTOTALS PER YEAR					\$330,000	\$1,634,000	\$1,634,000	\$330,000	\$330,000	\$3,830,000
Grant Application submitted (waiting on approval)				M - Mechanical Construction													
				E - Electrical Construction													
				H - HVAC Construction													



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WATER INFRASTRUCTURE PROJECTS - W													
W	1	NFWB	Hydrant Replacement	Hydrant Replacement - old and inoperable hydrants	HIGH	\$850,000	2021 EFC Grant Application (TBD) Project Cost Estimate	\$102,000	\$102,000	\$102,000	\$102,000	\$102,000	\$80,000
							Future EFC Matching Funds	\$68,000	\$68,000	\$68,000	\$68,000	\$68,000	
W	2	ENG G	20 inch main from Beech Ave Storage Tank to Ontario Street	Water Main Replacement - CIPP lining of water mains near Beech Avenue Water Tank	HIGH	\$2,000,000	2021 EFC Grant Application (TBD) Project Cost Estimate			\$600,000	\$600,000		\$0
							Future EFC Matching Funds			\$400,000	\$400,000		
W	2.1	G	Beech Avenue Water Storage Tank Replacement	Replacement of water tank necessary for water system pressure	MEDIUM	\$6,500,000	TBD						\$6,500,000
W	3	NFWB	Large Valve Replacement	Valve Replacement - water valves >12"	HIGH	\$1,000,000	2021 EFC Grant Application (TBD) Project Cost Estimate	\$120,000	\$120,000	\$120,000	\$120,000	\$120,000	\$50,000
							Future EFC Matching Funds	\$80,000	\$80,000	\$80,000	\$80,000	\$80,000	
W	5	ENG	Leak Detection / Distribution Modeling	Water Distribution Study - Identify and control system losses	MEDIUM	\$50,000	Annual Coverage Transfer		\$50,000				\$150,000
W	6	G	Abandon 20" Victory Pipe WM	Water Main Abandon - unnecessary and failing watermain	MEDIUM	TBD	Annual Coverage Transfer						\$0
W	8	NFWB	Loop Niagara Avenue Main to Parkview Drive	Install new automatic blow-off	HIGH	\$7,000	Annual Coverage Transfer	\$7,000					\$0
W	9	ENG NFWB	10th Street and Michigan Avenue Mains - Lockport Street to Ontario Avenue (8") and 10th Street to 11th Street (8")	Water Main Replacement - replace main and install new services, Continue design and construction	HIGH	\$830,000	2018 NYS EFC WIIA Grant Project Cost Estimate		\$498,000				\$0
							2018 EFC Grant Matching Funds		\$332,000				
W	10	ENG G	18th Street Main - Ontario Avenue to Whitney Avenue	Water Main Replacement - replace main and install new services, High priority project - complete design	HIGH NO.1	\$1,100,000	2018 NYS EFC WIIA Grant Project Cost Estimate	\$330,000	\$330,000				\$0
							2018 EFC Grant Matching Funds	\$220,000	\$220,000				
W	11	ENG G	77th Street Main - Frontier Avenue to Niagara Falls Boulevard (8")	Water Main Replacement - replace main and install new services, Halt work and focus on higher priority projects	LOW	\$1,100,000	2018 NYS EFC WIIA Grant Project Cost Estimate			\$330,000	\$330,000		\$0
							2018 EFC Grant Matching Funds			\$220,000	\$220,000		
W	12	ENG G	80th Street - Niagara Falls Blvd. to Rick Manning Drive	Water Main Replacement - replace main and install new services	HIGH	\$300,000	Future EFC grant application Project Cost Estimate				\$180,000		\$0
							Future EFC Matching Funds				\$120,000		
W	13	ENG G	81st Street Main - Frontier Avenue to Niagara Falls Boulevard	Water Main Replacement - replace main and install new services	LOW	\$850,000	ON HOLD						\$850,000
W	15	ENG G	College Terrace - Madison to College Avenue	Water Main Replacement - replace main and install new services	HIGH NO.4	\$155,000	Future EFC grant application Project Cost Estimate			\$93,000			\$0
							Future EFC Matching Funds			\$62,000			
W	16	ENG G	LaSalle Avenue Main - Hyde Park Blvd to 11th Street	Water Main Replacement - replace main and install new services	HIGH NO.4	\$1,600,000	Future EFC grant application Project Cost Estimate			\$960,000			\$0
							Future EFC Matching Funds			\$640,000			
W	17	ENG G	Laughlin Drive Main - 82nd Street to Bollier Ave	Water Main Replacement - replace main and install new services	HIGH NO.2	\$928,074	2021 EFC Grant Application (TBD) Project Cost Estimate		\$556,844				\$0
							Future EFC Matching Funds		\$371,230				
W	18	ENG G	McKoon Avenue Main - DeVeaux Avenue to James Avenue	Water Main Replacement - replace main and install new services	MEDIUM	\$880,000	Future EFC grant application Project Cost Estimate				\$528,000		\$0
							Future EFC Matching Funds				\$352,000		
W	19	ENG G	Military Road Main - Jacob Place to Bollier Avenue	Water Main Replacement - replace main and install new services	MEDIUM	\$200,000	2018 NYS EFC WIIA Grant Project Cost Estimate	\$120,000					\$0
							2018 EFC Grant Matching Funds	\$80,000					
W	20	ENG G	Military Road Main - Jacob Place to Cayuga Drive	Water Main Replacement - replace main and install new services	LOW	\$210,000	2018 NYS EFC WIIA Grant (include above)						\$210,000
W	21	ENG G	Ontario Avenue Main - 13th Street to Main Street	Water Main Replacement - replace main and install new services	MEDIUM	\$822,517	2021 EFC Grant Application (TBD) Project Cost Estimate				\$493,510		\$0
							Future EFC Matching Funds				\$329,007		
W	22	ENG G	Pierce Avenue Main - 11th Street to 18th Street	Water Main Replacement - replace main and install new services	LOW	\$570,000	ON HOLD						\$570,000
W	23	ENG G	Pierce Avenue Main - 18th Street to Hyde Park Blvd.	Water Main Replacement - replace main and install new services	LOW	\$750,000	ON HOLD						\$750,000
W	24	ENG G	Rivershore Drive Main - S.86th Street to 91st Street	Water Main Replacement - replace main and install new services	LOW	\$280,000	ON HOLD						\$280,000
W	25	ENG G	Van Rensselaer Ave - 900 Block	Water Main Replacement - replace main and install new services	HIGH NO.3	\$140,115	2021 EFC Grant Application (TBD) Project Cost Estimate		\$84,069				\$0
							Future EFC Matching Funds		\$56,046				
W	26	ENG G	Welch Avenue Main - 19th Street to 24th Street (16")	Water Main Replacement - replace main and install new services	LOW	\$600,000	ON HOLD						\$600,000
W	27	ENG G	Whitney Avenue Main - 11th Street to Hyde Park Blvd.	Water Main Replacement - replace main and install new services, Halt work and focus on higher priority projects	LOW	\$1,850,000	2018 NYS EFC WIIA Grant Project Cost Estimate			\$555,000	\$555,000		\$0
							2018 EFC Grant Matching Funds			\$370,000	\$370,000		



ITEM	NO.	CAT.	PROJECT NAME	PROJECT DESCRIPTION	RATING	COST ESTIMATE	FUNDING	FORECASTED EXPENDITURES						
								2022	2023	2024	2025	2026	Deferred	
W	28	ENG G	Willow Avenue Main - 11th Street to 17th Street (8")	Water Main Replacement - replace main and install new services	LOW	\$460,000	ON HOLD							\$460,000
W	29	ENG G	Witkop Avenue and 85th Street Loop (all 8")	Water Main Replacement - replace main and install new services	HIGH NO.2	\$834,633	2021 EFC Grant Application (TBD) Project Cost Estimate Future EFC Matching Funds		\$500,780 \$834,633 \$333,853					\$0
W	30	NFWB	Water Infrastructure Projects - Miscellaneous	Water Projects - not forecasted or arise based on an emergency situation	HIGH	\$120,000	Annual Coverage Transfer	\$120,000	\$120,000	\$120,000	\$120,000	\$120,000		\$120,000
PROJECT GRANT FUNDING LEGEND				CATEGORIES				2018 NYS EFC WIIA Grant	\$450,000	\$828,000	\$885,000	\$885,000	\$0	
2017 NYS EFC WIIA Grant - Project No.18435 (total grant amount = \$240,000) Item No.W-14, Bollier Avenue Main - 82nd Street to Military Road - completed				NFWB - Niagara Falls Water Board				2018 EFC Grant Matching Funds	\$300,000	\$552,000	\$590,000	\$590,000	\$0	
2018 NYS EFC WIIA Grant Projects - Water System Project No.18588 (total grant amount = \$3,000,000)				ENG - Engineering and Bidding				2021 NYS EFC WIIA Grant	\$222,000	\$1,363,693	\$822,000	\$1,315,510	\$222,000	
2021 NYS EFC WIIA Grant Projects - Water System Grant Application submitted (waiting on approval)				G - General Construction				2021 EFC Grant Matching Funds	\$148,000	\$809,129	\$548,000	\$877,007	\$148,000	
				M - Mechanical Construction				Future EFC grant application	\$0	\$0	\$1,053,000	\$708,000	\$0	
				E - Electrical Construction				Future EFC Matching Funds	\$0	\$0	\$702,000	\$472,000	\$0	
				H - HVAC Construction				Annual Coverage Transfer	\$127,000	\$170,000	\$120,000	\$120,000	\$120,000	
								FORECASTED EXPENDITURES - SUBTOTALS PER YEAR	\$1,247,000	\$3,822,822	\$4,720,000	\$4,967,517	\$490,000	\$10,620,000
								FORECASTED EXPENDITURES -TOTALS PER YEAR	\$12,974,226	\$13,126,035	\$12,523,213	\$6,215,850	\$1,405,000	\$244,425,000

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

TOTAL FORECASTED EXPENDITURES

Fund Sources Total	2022	2023	2024	2025	2026	Sum 2022 - 2026
Annual Coverage Transfer	\$1,142,000	\$1,085,000	\$1,035,000	\$1,035,000	\$1,035,000	\$5,332,000
Current Grants	\$5,716,113	\$2,953,440	\$3,010,440	\$885,000	\$0	\$12,564,992
Current Grant Matching Funds	\$5,566,113	\$2,677,440	\$2,715,440	\$590,000	\$0	\$11,548,992
Future Grants	\$322,000	\$3,896,093	\$3,507,400	\$2,273,510	\$222,000	\$10,221,003
Future Grant Matching Funds	\$328,000	\$2,514,000	\$2,254,933	\$1,432,340	\$148,000	\$6,577,336
FORECASTED EXPENDITURES -TOTALS PER YEAR	\$12,974,226	\$13,126,035	\$12,523,213	\$6,215,850	\$1,405,000	\$46,244,323
FORECASTED EXPENDITURES -TOTAL DEFERRED	\$244,425,000					