



Three Year Capital Improvement Program for Fiscal Years 2023 - 2025 Including One Year Capital Program Budget for Fiscal Year 2023

DRAFT Fiscal Year 2023 Three Year CIP Plan

WATER SUPPLY & TRANSMISSION			2023 CAPITAL PROGRAM BUDGET	2024 - 2025 CAPITAL PROGRAM	
PROJECT ID	PROJECT NAME	SOURCE OF FUNDS	FY 2023	FY 2024	FY 2025
004-0007	Dam Maintenance/Variou Locations	Revenues/Reserves	\$355,000	\$1,442,400	\$300,000
004-0026	Intake Dam Rehab	Revenues/Reserves	\$0	\$0	\$0
004-0034	Penstocks Repairs Inspections	Revenues/Reserves	\$0	\$0	\$0
004-0035	Penstocks Repairs Construc	WIFIA	\$0	\$2,900,000	\$0
004-0036	Culvert Replc & Slope Repairs @ Borden Brook	Revenues/Reserves	\$142,200	\$0	\$0
004-0037	Boat Ramp @ Cobble Mtn & Borden Brook	Revenues/Reserves	\$140,000	\$207,000	\$0
004-0038	Cobble Mtn Resv Water Qual Monitor Buoy	Revenues/Reserves	\$0	\$150,000	\$0
004-0039	Granville Bridge Repair over Alder Brook	Revenues/Reserves	\$135,000	\$0	\$0
004-0040	Ludlow Reservoir Culvert Replacements	Revenues/Reserves	\$0	\$368,000	\$0
004-0041	Watershed Culvert Replacements	Revenues/Reserves	\$100,000	\$100,000	\$100,000
004-0042	Borden-Sugar Brook-Cobble Bridges Repair	Revenues/Reserves	\$96,600	\$330,000	\$0
005-0026	Treatment System Assessment & Design	Revenues/Reserves	\$750,000	\$100,000	\$100,000
005-0027	Water Treatment System Improvements	Revenues/Reserves	\$200,000	\$200,000	\$200,000
005-0077	42" Raw Water Conduit Repair	Revenues/Reserves	\$0	\$0	\$0
005-0078	42 in. Raw Water Conveyance ReDsgn & ReConst	WIFIA	\$0	\$0	\$0
005-0079	WPF Bulk Chem & Chlr Room Constr	WIFIA	\$0	\$0	\$0

005-0087	WPF Lagoon Cleaning Constr	WIFIA	\$0	\$0	\$0	
005-0090	42 in Raw Water Conveyance Insurance Proceeds	Revenues/Reserves	\$0	\$0	\$0	
005-0091	WPF Mold Abatement	Revenues/Reserves	\$45,000	\$0	\$0	
005-0092	WPF Valve Assessment & Exercise Pgm	Revenues/Reserves	\$200,000	\$0	\$0	
005-0093	Primary Disinfection Monitor & Sampling Station	Revenues/Reserves	\$475,000	\$225,000	\$0	
005-0098	Conduit Hydropower on 42" RWC & Elec Upgrades Dsgn	Revenues/Reserves	\$0	\$0	\$0	
005-0099	Conduit Hydropwr Turbine 42" RWC & Elec Ugrd Const	WIFIA	\$0	\$0	\$0	
005-0100	WPF Facility Improvements Dsg & Constr WIFIA	WIFIA	\$27,960,001	\$0	\$0	
005-0105	WPF Facility Improvements Dsg & Constr SRF	SRF	\$0	\$15,000,000	\$15,000,000	
06A-0014	Transmission System Rehabilitation	Revenues/Reserves	\$0	\$100,000	\$100,000	
080-0019	Provin Tank Condition Assessment	Revenues/Reserves	\$0	\$260,000	\$0	
080-0021	Provin Mtn Valve Rehab - Dsgn	Revenues/Reserves	\$0	\$0	\$0	
080-0022	Provin Tank 1 Structural Monitoring & Surveys	Revenues/Reserves	\$10,000	\$10,000	\$10,000	
080-0023	Provin Mtn Reservoirs Tanks 3 & 4 Improvements	Revenues/Reserves	\$985,000	\$891,600	\$498,400	
Summary for WATER SUPPLY & TRANSMISSION (30 detail records)			Activity Sum	\$31,593,801	\$22,284,000	\$16,308,400
			Percent of Total	80.12%	48.96%	66.69%

WATER DISTRIBUTION

PROJECT ID	PROJECT NAME	SOURCE OF FUNDS	2023 CAPITAL PROGRAM BUDGET	2024 - 2025 CAPITAL PROGRAM	
			FY 2023	FY 2024	FY 2025
070-0006	Meter Replacement	Revenues/Reserves	\$450,000	\$450,000	\$450,000
070-0007	Water Conservation & Utilization Program	WIFIA	\$0	\$0	\$0
12B-0004	Distribution System Rehab - On-Call Contractor	Revenues/Reserves	\$0	\$250,000	\$250,000
12B-0005	Distribution System Rehabilitation	Revenues/Reserves	\$200,000	\$250,000	\$450,000

12B-0036	Hydrant Replacement Program	Revenues/Reserves	\$100,000	\$100,000	\$100,000
12B-0040	Distribution System Assessment & Design	Revenues/Reserves	\$350,000	\$390,000	\$390,000
12B-2022	Wtr Main Replace-MA DOT St James Ave	Revenues/Reserves	\$1,250,000	\$0	\$0
12B-2023	Distribution Syst Main Replace 25-26 Constr Season	Revenues/Reserves	\$0	\$0	\$2,000,000
12B-2024	Distribution Syst Main Replace 23-26 Constr Season	WIFIA	\$0	\$0	\$0
12B-2025	Wtr Main Replace-MA DOT Sumner Ave (X)	Revenues/Reserves	\$0	\$2,800,000	\$0
12B-2026	Galvanized Service Replace Program	Revenues/Reserves	\$500,000	\$500,000	\$0
Summary for WATER DISTRIBUTION (11 detail records)		Activity Sum	\$2,850,000	\$4,740,000	\$3,640,000
		Percent of Total	7.23%	10.41%	14.88%

WASTEWATER COLLECTION

PROJECT ID	PROJECT NAME	SOURCE OF FUNDS	2023 CAPITAL PROGRAM BUDGET	2024 - 2025 CAPITAL PROGRAM	
			FY 2023	FY 2024	FY 2025
003-0027	PVPC CT River Xing & York St Pump Station	Revenues/Reserves	\$0	\$0	\$0
003-0040	Wastewater Reporting & Regulatory Compl	Revenues/Reserves	\$0	\$100,000	\$100,000
003-0042	CSO Monitoring & Reporting	Revenues/Reserves	\$0	\$100,000	\$100,000
003-0043	YSPS Prj Hazardous Material Costs	Revenues/Reserves	\$0	\$0	\$0
12A-0017	Collection Sys Rehab/Replace OnCall Contractor	Revenues/Reserves	\$750,000	\$750,000	\$750,000
12A-0018	Collection System Design	Revenues/Reserves	\$70,000	\$120,000	\$120,000
12A-0020	Collection System Design - WIFIA Program	Revenues/Reserves	\$100,000	\$100,000	\$0
12A-0025	Collection System Cleaning & Assmt - WIFIA Program	Revenues/Reserves	\$500,000	\$500,000	\$1,400,000
12A-0039	Collection System Rehab/Replacement	Revenues/Reserves	\$40,000	\$100,000	\$100,000
12A-0047	Collection Sys O&M Plan Development	Revenues/Reserves	\$0	\$0	\$0
12A-0070	Locust Transfer-Design	Revenues/Reserves	\$0	\$0	\$0
12A-0071	Locust Transfer-Construction	SRF	\$0	\$0	\$0

12A-2021	Sewer Rehabilitation 21-22 Constr Season	Revenues/Reserves	\$0	\$0	\$0
12A-2024	Sewer Rehabilitation 23-26 Constr Season	WIFIA	\$0	\$0	\$0
Summary for WASTEWATER COLLECTION (14 detail records)		Activity Sum	\$1,460,000	\$1,770,000	\$2,570,000
		Percent of Total	3.70%	3.89%	10.51%

WASTEWATER TREATMENT

PROJECT ID	PROJECT NAME	SOURCE OF FUNDS	2023 CAPITAL PROGRAM BUDGET	2024 - 2025 CAPITAL PROGRAM	
			FY 2023	FY 2024	FY 2025
001-0007	Wastewater Treatment Improvements	Revenues/Reserves	\$0	\$250,000	\$250,000
001-0008	NFWF Grant - Reducing Nitrogen	Revenues/Reserves	\$0	\$0	\$0
001-0009	Wastewater Treatment O&M Evaluation	Revenues/Reserves	\$0	\$0	\$0
001-0011	SRWTF Electrical Distribution Sys Upgrade Phase II	WIFIA	\$0	\$0	\$0
001-0012	Wastewater Regulatory Compliance	Revenues/Reserves	\$0	\$100,000	\$100,000
001-0016	Grit Removal System Improvements	SRF	\$0	\$0	\$0
001-0018	Primary Clarifier Upgrade	SRF	\$0	\$14,004,388	\$0
001-0036	Biological Nutrient Removal Process Upgrade	SRF	\$0	\$0	\$0
Summary for WASTEWATER TREATMENT (8 detail records)		Activity Sum	\$0	\$14,354,388	\$350,000
		Percent of Total	0.00%	31.54%	1.43%

POWER SUPPLY

PROJECT ID	PROJECT NAME	SOURCE OF FUNDS	2023 CAPITAL PROGRAM BUDGET	2024 - 2025 CAPITAL PROGRAM	
			FY 2023	FY 2024	FY 2025
130-0001	Power Supply Equipment Replacement	Revenues/Reserves	\$100,000	\$125,000	\$100,000
130-0006	Transmisison Line 637 Poles Replacement	Revenues/Reserves	\$578,750	\$0	\$0
130-0014	Units 1 & 3 Inlet Ctrl Valve Rehab & PenStck Insp	Revenues/Reserves	\$550,500	\$458,000	\$0
130-0016	Power Station Drain Line Replace - Dsgn & Const	Revenues/Reserves	\$70,000	\$0	\$0

130-0017	Dewatering Inspections U1 & U3	Revenues/Reserves	\$70,000	\$36,000	\$36,000
Summary for POWER SUPPLY (5 detail records)		Activity Sum	\$1,369,250	\$619,000	\$136,000
		Percent of Total	3.47%	1.36%	0.56%

ADMINISTRATION & ENGINEERING

PROJECT ID	PROJECT NAME	SOURCE OF FUNDS	2023 CAPITAL PROGRAM BUDGET		2024 - 2025 CAPITAL PROGRAM	
			FY 2023	FY 2024	FY 2025	
090-0005	Commission Vehicles	Revenues/Reserves	\$750,000	\$500,000	\$500,000	
090-0007	Communications Equipment	Revenues/Reserves	\$250,000	\$150,000	\$100,000	
090-0009	Computers, Servers, Copiers	Revenues/Reserves	\$300,000	\$100,000	\$100,000	
090-0010	Building & Structure Improvements	Revenues/Reserves	\$150,000	\$100,000	\$100,000	
090-0011	Operating Equipment-Rolling Stock	Revenues/Reserves	\$710,000	\$750,000	\$500,000	
090-0016	Information Systems	Revenues/Reserves	\$0	\$150,000	\$150,000	
090-0023	Integrated Plan Update	Revenues/Reserves	\$0	\$0	\$0	
090-0027	Land Acquisition (Non-Watershed)	Revenues/Reserves	\$0	\$0	\$0	
090-0029	WIFIA Cost of Issuance	WIFIA	\$0	\$0	\$0	
090-0030	WIFIA Project Management	WIFIA	\$0	\$0	\$0	

Summary for ADMINISTRATION & ENGINEERING (10 detail records)		Activity Sum	\$2,160,000	\$1,750,000	\$1,450,000
		Percent of Total	5.48%	3.84%	5.93%

	FY 2023	FY 2024	FY 2025
Revenue/Reserves	\$11,473,050	\$13,613,000	\$9,454,400
Bond*	\$27,960,001	\$31,904,388	\$15,000,000
Grand Total	\$39,433,051	\$45,517,388	\$24,454,400

* Includes SRF and WIFIA funding source