



**Three Year Capital Improvement Program for Fiscal Years 2018 - 2020
Including One Year Capital Program Budget for Fiscal Year 2018**

As approved by the Commission on Thursday June 22, 2017

WATER SUPPLY & TRANSMISSION			2018 CAPITAL PROGRAM BUDGET	2019 - 2020 CAPITAL PROGRAM	
PROJECT ID	PROJECT NAME	SOURCE OF FUNDS	FY 2018	FY 2019	FY 2020
004-0003	Land Acquisition	Revenues/Reserves	\$400,000	\$0	\$0
004-0007	Dam Maintenance/Various Locations	Revenues/Reserves	\$150,000	\$50,000	\$100,000
004-0027	Intake Dam Rehab - Construction	Bond	\$0	\$330,000	\$1,750,000
004-0028	Cherry Valley Toe Drain	Revenues/Reserves	\$0	\$0	\$0
004-0029	Septic System Borden Brook	Revenues/Reserves	\$70,000	\$0	\$0
004-0030	Gorge Road	Revenues/Reserves	\$0	\$0	\$0
004-0031	York House Demo & Removal	Revenues/Reserves	\$40,000	\$0	\$0
005-0027	Water Treatment System Improvements	Revenues/Reserves	\$200,000	\$200,000	\$200,000
005-0044	42" Raw Water Conduit Rehab - Construction	Bond	\$2,600,000	\$0	\$0
005-0048	WPF Slow Sand Filter 11-14 Valve Replacement	Revenues/Reserves	\$200,000	\$0	\$0
005-0049	WPF Redundant & Emer Power Line Repl & Expan	Revenues/Reserves	\$175,000	\$0	\$0
005-0050	Treatment Facilities Plan Phase II	Revenues/Reserves	\$500,000	\$0	\$0
005-0051	Slow Sand Purchase	Revenues/Reserves	\$210,000	\$0	\$0
005-0053	Burried Chlorine Line Replacements	Revenues/Reserves	\$330,000	\$0	\$0
005-0054	RS Inlet & Drain Valve Replc	Revenues/Reserves	\$110,000	\$0	\$0
005-0055	RSF Air Valve Actuators & Gearboxes	Revenues/Reserves	\$80,000	\$0	\$0

005-0056	Chemical Bulk Storage Room Improvements	Revenues/Reserves	\$150,000	\$0	\$0
005-0057	Loading Dock Repairs @ WPF	Revenues/Reserves	\$100,000	\$0	\$0
005-0058	Rapid Sand Filter Air Header Pipe Replace	Revenues/Reserves	\$50,000	\$0	\$0
06A-0008	Transmission System Assessment & Design	Revenues/Reserves	\$150,000	\$200,000	\$0
06A-0014	Transmission System Rehabilitation	Revenues/Reserves	\$150,000	\$200,000	\$200,000
06A-0033	Transmission System Vegetation Removal	Revenues/Reserves	\$100,000	\$300,000	\$200,000
06A-0035	Transmission Main Private Service Removal	Revenues/Reserves	\$310,000	\$0	\$0
06A-0036	Styrolutions 24" main replacment	Revenues/Reserves	\$75,000	\$0	\$0
06A-0037	Infrastruncture Improvements Construction 17-18	Revenues/Reserves	\$94,000	\$0	\$0
Summary for WATER SUPPLY & TRANSMISSION (25 detail records)			Activity Sum	\$6,244,000	\$1,280,000
			Percent of Total	28.17%	2.69%
					\$2,450,000
					4.83%

WATER DISTRIBUTION

PROJECT ID	PROJECT NAME	SOURCE OF FUNDS	2018 CAPITAL PROGRAM BUDGET	2019 - 2020 CAPITAL PROGRAM	
			FY 2018	FY 2019	FY 2020
070-0006	Meter Replacement	Revenues/Reserves	\$850,000	\$1,050,000	\$800,000
12B-0005	Distribution System Rehabilitation	Revenues/Reserves	\$450,000	\$500,000	\$500,000
12B-0036	Hydrant Replacement Program	Revenues/Reserves	\$200,000	\$250,000	\$100,000
12B-0040	Distribution System Assessment & Design	Revenues/Reserves	\$75,000	\$150,000	\$150,000
12B-0072	Center Street Ludlow DOT Project	Revenues/Reserves	\$245,000	\$0	\$0
12B-2018	Distribution Syst Main Replace 17-18 Constr Season	Bond	\$2,534,000	\$0	\$0
12B-2019	Distribution Syst Main Replace 18-19 Constr Season	Revenues/Reserves	\$0	\$3,066,000	\$0
12B-2020	Distribution Syst Main Replace 19-20 Constr Season	Bond	\$0	\$0	\$1,750,000

Summary for WATER DISTRIBUTION (8 detail records)

Activity Sum
Percent of Total

\$4,354,000
19.64%

\$5,016,000
10.56%

\$3,300,000
6.50%

WASTEWATER COLLECTION

2018 CAPITAL
PROGRAM BUDGET

2019 - 2020 CAPITAL
PROGRAM

PROJECT ID	PROJECT NAME	SOURCE OF FUNDS	FY 2018	FY 2019	FY 2020
002-0009	Pump Station Improvements	Revenues/Reserves	\$0	\$100,000	\$0
003-0014	Flood Control Pump Station Improvements	Revenues/Reserves	\$0	\$250,000	\$0
003-0029	Connecticut River Crossing	SRF	\$0	\$27,055,000	\$0
003-0031	I/I & SSES Study & Reporting	Revenues/Reserves	\$50,000	\$0	\$0
003-0033	CSO Control Throttles	Bond	\$2,131,700	\$0	\$0
003-0034	York Street Pump Station	SRF	\$0	\$0	\$30,793,000
003-0035	CSO Throttle Controls CA/RE	Revenues/Reserves	\$320,000	\$0	\$0
003-0036	York St Pump Station R.E.	Revenues/Reserves	\$0	\$0	\$927,000
003-0037	Influent Structure	SRF	\$0	\$2,653,000	\$0
003-0038	York St Station & River Xing Final Design	Bond	\$3,500,000	\$0	\$0
003-0039	Connecticut River Crossing CA/RE	Revenues/Reserves	\$0	\$1,500,000	\$2,500,000
003-0040	Wastewater Reporting & Regulatory Compl	Revenues/Reserves	\$350,000	\$0	\$0
12A-0018	Collection System Design	Revenues/Reserves	\$0	\$125,000	\$350,000
12A-0024	Phase II Collection System Asset Management-Rev	Revenues/Reserves	\$500,000	\$650,000	\$350,000
12A-0039	Collection System Rehab/Replacement	Revenues/Reserves	\$0	\$0	\$150,000
12A-0068	Easement Clearing	Revenues/Reserves	\$150,000	\$0	\$0
12A-2018	Sewer Rehabilitation 17-18 Constr Season	Bond	\$2,311,000	\$0	\$0
12A-2019	Sewer Rehabilitation 18-19 Constr Season	Revenues/Reserves	\$0	\$3,450,000	\$0
12A-2020	Sewer Rehabilitation 19-20 Constr Season	Bond	\$0	\$0	\$3,500,000

Summary for WASTEWATER COLLECTION (19 detail records)

Activity Sum	\$9,312,700	\$35,783,000	\$38,570,000
Percent of Total	42.02%	75.32%	76.00%

WASTEWATER TREATMENT

PROJECT ID	PROJECT NAME	SOURCE OF FUNDS	2018 CAPITAL PROGRAM BUDGET	2019 - 2020 CAPITAL PROGRAM	
			FY 2018	FY 2019	FY 2020
001-0009	Wastewater Treatment O&M Evaluation	Revenues/Reserves	\$0	\$500,000	\$500,000

Summary for WASTEWATER TREATMENT (1 detail record)

Activity Sum	\$0	\$500,000	\$500,000
Percent of Total	0.00%	1.05%	0.99%

POWER SUPPLY

PROJECT ID	PROJECT NAME	SOURCE OF FUNDS	2018 CAPITAL PROGRAM BUDGET	2019 - 2020 CAPITAL PROGRAM	
			FY 2018	FY 2019	FY 2020
130-0001	Power Supply Equipment Replacement	Revenues/Reserves	\$75,000	\$75,000	\$75,000
130-0002	Unit 2 Hydro-Generator Overhaul	Bond	\$200,000	\$1,000,000	\$4,650,000
130-0006	Transmisison Line 637 Poles Replacement	Revenues/Reserves	\$200,000	\$0	\$0
130-0007	Project A - Governors and Controls	Bond	\$480,000	\$2,500,000	\$0
130-0008	Overhead Door Replacement	Revenues/Reserves	\$80,000	\$0	\$0

Summary for POWER SUPPLY (5 detail records)

Activity Sum	\$1,035,000	\$3,575,000	\$4,725,000
Percent of Total	4.67%	7.52%	9.31%

ADMINISTRATION & ENGINEERING

PROJECT ID	PROJECT NAME	SOURCE OF FUNDS	2018 CAPITAL PROGRAM BUDGET	2019 - 2020 CAPITAL PROGRAM	
			FY 2018	FY 2019	FY 2020
090-0005	Commission Vehicles	Revenues/Reserves	\$263,000	\$500,000	\$500,000
090-0007	Communications Equipment	Revenues/Reserves	\$70,000	\$40,000	\$40,000

090-0009	Computers, Servers, Copiers	Revenues/Reserves	\$150,000	\$250,000	\$100,000
090-0011	Operating Equipment-Rolling Stock	Revenues/Reserves	\$136,000	\$500,000	\$500,000
090-0016	Information Systems	Revenues/Reserves	\$100,000	\$65,000	\$65,000
090-0021	Facilities Planning & Improvements	Revenues/Reserves	\$500,000	\$0	\$0
Summary for ADMINISTRATION & ENGINEERING (6 detail records)		Activity Sum	\$1,219,000	\$1,355,000	\$1,205,000
		Percent of Total	5.50%	2.85%	2.37%

	FY 2018	FY 2019	FY 2020
Revenue/Reserves	\$8,408,000	\$13,971,000	\$8,307,000
Bond*	\$13,756,700	\$33,538,000	\$42,443,000
Grand Total	\$22,164,700	\$47,509,000	\$50,750,000

* Includes SRF funding source