

APPENDIX F
WASTEWATER ENTERPRISE FUND

Waste Water 2017 Budget Projection for 2017-18

	Actual 2015-16	Estimate 2016-17	Estimate 2017-18	Estimate 2018-19	Estimate 2019-20	Estimate 2020-21	Estimate 2021-22
Service Charges	\$1,664,443	\$1,824,072	\$1,897,582	\$1,974,055	\$2,053,609	\$2,136,370	\$2,222,466
Connection Fees	\$61,181	\$23,223	\$23,455	\$23,689	\$23,926	\$24,166	\$24,407
Miscellaneous Revenue	\$42,036	\$19,000	\$19,000	\$19,000	\$19,000	\$19,000	\$19,000
Interest	\$14,933	\$6,000	\$6,000	\$6,000	\$6,000	\$6,000	\$6,000
Cumberland O & M	\$175,886	\$181,163	\$186,598	\$192,196	\$197,961	\$203,900	\$210,017
Cumberland Reimbursement, Capital Spending	\$7,689	\$5,400	\$15,000	\$3,000	\$15,000	\$10,350	\$41,400
Cumberland Reimbursement, plant upgrade	\$157,072	\$154,644	\$152,216	\$149,788	\$147,360	\$144,932	\$142,643
Cumberland Reimbursement, Mill Creek		\$66,525	\$139,382	\$164,804	\$164,845	\$163,455	\$162,066
Projected Revenue after rate change	\$2,123,240	\$2,280,027	\$2,439,233	\$2,532,532	\$2,627,701	\$2,708,173	\$2,827,999
Expense Budget	\$1,612,740	\$1,981,107	\$2,297,363	\$2,048,932	\$2,084,667	\$2,121,666	\$2,159,968
Less: Capital Transfer	\$95,500	\$250,000	\$250,000	\$250,000	\$250,000	\$250,000	\$250,000
Plus: Capital Spending	\$222,441	\$1,340,000	\$285,002	\$133,004	\$153,004	\$177,504	\$231,004
Plus: New Debt							
Mill Creek Debt Service	\$0	\$149,731	\$286,451	\$315,818	\$314,864	\$312,200	\$309,537
West Falmouth Debt Service	\$0	\$0	\$0	\$0	\$450,000	\$442,500	\$435,000
Total Expenses	\$1,739,681	\$3,220,838	\$2,618,816	\$2,247,754	\$2,752,535	\$2,803,870	\$2,885,509
Total Enterprise Fund Change	\$383,559	-\$940,811	-\$179,583	\$284,778	-\$124,834	-\$95,697	-\$57,510
CIP Find Balance	\$2,507,307	\$1,391,511	\$1,211,928	\$1,496,706	\$1,371,872	\$1,276,175	\$1,218,665
Operating Fund Balance	\$575,015	\$750,000	\$750,000	\$750,000	\$750,000	\$750,000	\$750,000
Total Enterprise Fund Balance	\$3,082,322	\$2,141,511	\$1,961,928	\$2,246,706	\$2,121,872	\$2,026,175	\$1,968,665
Monthly Rate	\$37.27	\$40.44	\$41.65	\$42.90	\$44.19	\$45.52	\$46.88
		8.5%	3.0%	3.0%	3.0%	3.0%	3.0%
			Rate Increase	%			

DEPARTMENT: Wastewater; Falmouth Enterprise Fund 040

Account Number	Actual 2015-16	Budget 2016-17	Anticipated 2016-17	Proposed Budget 2017-18	FY18 Bud vs FY17 Bud		
Falmouth only cost centers, including gross debt payments before reimbursements							
201	338,845	671,716	715,359	696,636	24,920		
201-1	541,213	559,779	534,131	808,882	249,103		
Falmouth users 100 % Includes Cumberland debt towards loans before \$285,428 reimbursement							
Combined Falmouth / Cumberland cost centers, shared based on flow contributions							
202	384,075	376,840	379,270	430,622	53,782		
202-1	63,896	46,790	76,935	57,677	10,887		
202-2	146,190	144,527	138,499	151,967	7,440		
202-3	138,521	155,276	136,914	151,579	-3,697		
DEPARTMENT TOTAL							
	1,612,740	1,954,928	1,981,107	2,297,363	342,435		
Number	Account Name	Line Item Budget Request Justification					
LABOR & BENEFITS							
4010	FULL-TIME SALARIES	437,607	501,921	499,000	541,273	39,351	Funding for labor portion of the activities that serve the combined Falmouth / Cumberland system.
4030	OVERTIME	32,695	40,800	40,100	33,415	-7,385	Funding for overtime labor weekends and off hours for non - exempt employees.
4050	HEALTH INSURANCE	86,597	88,678	100,700	128,253	39,575	Department's share of employer's health insurance premiums (12.7% increase). Replacement employee on family plan vs. single plan.
4060	RETIREMENT	38,245	38,476	48,269	43,126	4,651	Department's share of employer retirement contributions (9.6%)
4061	RETIREMENT HEALTH	4,769	4,967	5,482	5,361	394	Department share of health saving plan
4070	SOCIAL SECURITY	34,916	38,397	40,918	41,407	3,010	Department's share of employer Social Security.
4080	GROUP INSURANCE	64	222	222	100	-122	Employer's share of the group life insurance.
4090	INCOME PROTECTION	0	2,526	2,526	2,500	-26	Employers share of the income protection insurance cost.
4100	WORKER'S COMPENSATION	7,100	5,915	10,895	8,573	2,658	Funding for Worker's Compensation insurance based on the department's specific payroll, based on manual rate and the Town's experience rate.
4110	UNEMPLOYMENT COMPENSATION	0	0	0	800	800	Generally inactive, represents roughly 10% of Town unemployment charge
SERVICES							
5010	POSTAGE	658	1,000	390	1,000	0	Postage and maintenance costs on the town hall mail equipment.
5020	TELEPHONE	2,541	4,475	2,755	4,475	0	Department's prorated share of town wide telephone expenses.
5030	TRANSPORTATION	0	50	50	50	0	Employer's cost reimbursement for use of personal vehicle.

5040	EDUCATION/MEETINGS	1,691	1,980	1,980	1,980	0	1,980	0	Cost for meetings and seminars, primarily required training to maintain employee certifications.
5070	MAPS/BLUEPRINTS	0	200	200	200	0	200	0	Funds for plan copies and updated tax maps.
5080	LEGAL/ADVERTISING	0	650	650	650	0	650	0	Public notices and advertising costs.
5100	BUILDING/CONTENTS	19,061	23,710	23,710	23,710	0	23,710	0	Department's share of vehicle and property insurance.
5200	ELECTRICITY	155,772	159,175	159,175	159,400	0	159,175	0	Funds for electric cost for the treatment plant and 28 pump stations. Annual costs may vary due to flow levels.
5220	WATER	1,477	2,100	2,100	1,400	0	2,100	0	Funds for potable water cost from the Portland Water District.
5230	FUEL OIL	12,603	22,500	22,500	21,000	0	22,500	0	Funds for natural gas and standby generator fuel cost at the treatment plant and pumps stations.
5300	MACHINES/EQUIPMENT	16,380	14,750	14,750	21,800	0	14,750	0	Funds for outside vendor cost related to maintenance of plant and pump station equipment such as generator preventive maintenance, specialized maintenance tasks/calibrations.
5310	VEHICLE MAINTENANCE	2,923	5,180	5,180	3,750	0	5,180	0	Preventive and breakdown maintenance cost for 3 department pick-ups and sewer cleaning machine.
5320	SEWER LINE MAINTENANCE	316	4,000	4,000	4,000	0	4,000	0	Hired vendor cost for sewer cleaning, inspection, or repairs.
5330	RADIO/RADAR MAINTENANCE	0	620	620	460	0	620	0	Vendor maintenance and repair of portable radios, vehicle radios, telemetry communications network.
5400	LEGAL SERVICES	480	6,300	6,300	4,700	0	6,300	0	Funds for legal assistance related to ordinance, right of way, questions.
5410	COMPUTER SERVICES	8,319	10,625	10,625	8,400	0	10,625	0	Funds for a prorated share of maintenance agreements for software and funds fiber optic link to network servers.
5430	AUDIT	3,634	3,000	3,000	2,800	0	3,000	0	Funds for the prorated share of the annual Town audit.
5450	SAFETY SERVICES	1,486	2,790	2,790	2,615	0	2,790	0	Funds vendor cost for mandated safety training.
5490	OTHER PROFESSIONAL SERVICES	10,049	9,895	9,895	9,960	-875	9,020	-875	Funds for outside engineering and technical assistance.
5491	LABORATORY MONITORING	7,138	9,440	9,440	9,440	-3,125	6,315	-3,125	Hired vendor cost for lab testing for discharge compliance monitoring.
5500	MAINTENANCE/BUILDINGS	1,898	4,800	4,800	2,500	0	4,800	0	Funds for vendor cost for fabrication, electrical work, and specialized maintenance work on department buildings.
5610	EQUIPMENT RENTAL	0	400	400	400	0	400	0	Funds for rental of small equipment.
5620	UNIFORM RENTALS	3,024	3,020	3,020	3,900	0	3,020	0	Rental cost and cleaning of work uniforms for the operations crew.
5900	BIOSOLIDS MANAGEMENT	78,202	77,550	77,550	77,550	0	77,550	0	Funds for contract disposal of plant sludge, annual variance due to fluctuations in volume of material for disposal.
5930	PUMP STATION ALARMS	2,394	2,800	2,800	2,800	0	2,800	0	Funds for cellular network cost of the telemetry system for pump stations.
5980	PUMP STATION MAINTENANCE	16,350	17,000	17,000	10,900	5,000	22,000	5,000	Funds for vendor cost for maintenance activities at pump stations, including emergency pumping, routine cleaning.
COMMODITIES									
6010	OFFICE SUPPLIES	1,210	700	650	700	0	700	0	Funds for miscellaneous office supplies, paper, pens, record keeping.
6015	COMPUTER FORMS/SUPPLIES	16	390	290	390	0	390	0	Computer and printer supplies
6100	MAINTENANCE MACHINES/EQUIPMENT	9,156	14,100	20,400	14,100	0	14,100	0	Funds for spare and replacement mechanical parts for treatment plant and pumping stations.

6110	VEHICLE MAINTENANCE	1,410	3,600	3,800	3,600	0	3,600	0	Funds for parts cost for the three department pick ups.
6130	MOTOR FUEL/LUBRICANTS	6,074	7,230	6,720	7,230	0	7,230	0	Fuel cost for the department vehicles, 3 pickup trucks, sewer cleaning machine, and small equipment.
6210	SALT / DEICING CHEMICALS	0	750	300	750	0	750	0	Winter chemical treatments for driveways
6300	SEWER MAINTENANCE SUPPLIES	1,725	3,300	3,100	3,300	0	3,300	0	Funds for supplies for the sewer system, grade rings and manhole covers, jetter parts, for example.
6320	PLANT MAINTENANCE SUPPLIES	126	200	200	200	0	200	0	Cleaning supplies for the treatment plant.
6330	PUMP MAINTENANCE SUPPLIES	0	150	150	150	0	150	0	Cleaning supplies for pump stations.
6340	LABORATORY SUPPLIES	11,337	14,000	14,000	14,000	0	14,000	0	Funds for lab materials, chemicals, and equipment.
6400	BUILDING/GROUNDS MAINT/SUPPLIES	4,351	7,150	7,650	7,150	0	7,150	0	Building and grounds maintenance supplies for pump station building and treatment plant, minor repairs, painting supplies, minor electrical work.
6450	CHEMICALS	51,532	57,000	55,000	57,000	0	57,000	0	Funds for disinfection, dechlorination, and sludge dewatering chemicals.
6520	SAFETY EQUIPMENT	2,095	3,440	5,020	3,440	0	3,440	0	Required portable and fixed safety equipment, gas detection, harnesses, confined space gear, personal protective gear.
6930	PUMPING STATION ALARMS	629	1,200	1,100	1,200	0	1,200	0	Funds for parts and supplies for the telemetry system at pump stations.
6980	PUMP STATION MAINT/SUPPLIES	6,068	8,900	14,200	8,900	6,100	15,000	6,100	Funds for spare and replacement parts for pump stations equipment.
CAPITAL CONTRIBUTIONS									
7010	TRANSFER TO CAPITAL	65,000	250,000	250,000	250,000	0	250,000	0	Annual budget contribution to department capital reserve fund.
7015	TRANSFER TO EQUIPMENT RESERVE	30,500	0	0	0	0	0	0	Combined Falmouth & Cumberland contribution to shared reserve fund.
7025	TRANSFER TO CAPITAL RESERVE	0	0	0	0	0	0	0	2016-17 transfer to reduce borrowing at Mill Creek
7570	SEWER CONTINGENCY	7,542	50,000	50,000	50,000	0	50,000	0	Contribution towards Capital Plan.
DEBT									
8050	IMPROVEMENTS	324,000	324,000	324,000	324,000	200,000	524,000	200,000	Funds for the principal payment of the bond bank loan for the 2006-08 plant upgrade and 2016 loan for Mill Creek
8200	BOND/NOTE INTEREST	89,751	83,355	83,355	83,355	52,429	135,785	52,429	Funds for the interest cost for the 2006-08 plant upgrade and 2016 loan for Mill Creek
8400	PWD ASSESSMENT	11,827	15,550	15,550	15,550	0	15,550	0	Funds for the department's cost for sewer billing and collection services by Portland Water District.

WASTEWATER FY2018 PROPOSED CAPITAL BUDGET

Treatment Plant

Plant Upgrade 2007-08 borrowing costs	\$400,960	
ISCO Sampler (2)	\$7,000	Proposal funds replacement of two refrigerated samplers used to composite plant monitoring samples mandated by State imposed licensing requirements
Sludge pump rebuild	\$3,000	Proposal funds parts required to rebuild two sludge pumps in the dewatering system.
Plant equipment replacement	\$10,000	General replacement of pumps and equipment at the treatment plant due to unexpected failure
Pickup truck with plow	\$30,000	Proposal funds replacement of an existing 2006 3/4 ton 4x4 pickup truck and plow.
	<u>\$450,960</u>	

Mill Creek Pump Station and Force Main

Mill Creek force main and pump station borrowing costs, \$286,451

Falmouth Only Sewers and Equipment

Infiltration reduction	\$50,000	Flow assessment, smoke testing, rehabilitation work to reduce peak flows.
Photocopier	\$4,000	Proposal funds replacement of photocopier in line with IT equipment replacement schedule.
Computers and network	\$8,000	Contribution to Town computer/software/network replacement
	<u>\$62,000</u>	

Falmouth Only Pump Stations

MIDDLE ROAD	\$15,000	Control panel replacement
BAYSITE LN	\$5,000	WW pipe and rail replacement
UNDERWOOD ROAD	\$17,000	Control panel replacement
UNDERWOOD ROAD	\$15,000	Replace pump parts
WOODVILLE RD	\$15,000	Control panel replacement
PINEHURST LANE	\$15,000	Control panel replacement
WOODLANDS CLUB	\$15,000	Control panel replacement
JOHNSON ROAD	\$15,000	Control panel replacement
JOHNSON ROAD	\$5,000	Piping and rail replacement
THORNHURST RD	\$18,000	Pump replacement and vfds
NORTHBROOK DRIVE	\$15,000	Control panel replacement
BALTUSROL DR	\$5,000	Wet well repairs
OLD OAK WAY	\$10,000	Pump replacement
Replace WW covers	\$8,000	4 hatch replacements
	<u>\$173,000</u>	

Total FY2018 Spending

\$972,411

TOWN OF FALMOUTH WASTEWATER CIP PLAN (FY2017 - FY2026)

		2016-17	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	2023-24	2024-25	2025-26
Falmouth total by year		\$1,670,518	\$665,815	\$525,794	\$978,831	\$995,239	\$1,004,947	\$989,606	\$933,509	\$949,613	\$905,718
Cumberland total by year		\$226,569	\$306,598	\$317,592	\$327,205	\$318,737	\$345,970	\$357,755	\$333,646	\$329,339	\$325,034
Total by year		\$1,897,087	\$972,413	\$843,386	\$1,306,036	\$1,313,976	\$1,350,918	\$1,347,360	\$1,267,155	\$1,278,952	\$1,230,752
Budget year		2016-17	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	2023-24	2024-25	2025-26
Allocation to											
Falmouth											
Cumberland											
Allocation to											
Falmouth											
Cumberland											
70.0%											
30.0%											
56.3%											
43.7%											
60.0%											
77.3%											
60.0%											
40.0%											
64.0%											
56.0%											
100.0%											
100.0%											
Falmouth total by year		\$334,600	\$270,002	\$130,004	\$138,004	\$167,154	\$189,604	\$187,004	\$143,649	\$172,494	\$141,339
Cumberland total by year		\$5,400	\$15,000	\$3,000	\$15,000	\$10,350	\$41,400	\$57,000	\$36,705	\$36,210	\$35,715
Total by year		\$340,000	\$285,002	\$133,004	\$153,004	\$177,504	\$231,004	\$244,004	\$180,354	\$208,704	\$177,054
Falmouth total by year		\$289,000	\$62,000	\$123,000	\$563,000	\$585,500	\$528,000	\$485,500	\$478,000	\$500,500	\$463,000
Falmouth share		\$33,000	\$173,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Excluding Debt Service											
Falmouth total by year		\$1,149,731	\$286,451	\$315,819	\$314,864	\$312,200	\$309,537	\$306,876	\$304,216	\$301,559	\$298,905
Falmouth share		\$1,083,206	\$147,072	\$151,018	\$150,023	\$148,749	\$147,475	\$146,201	\$144,927	\$143,654	\$142,381
Cumberland share		\$66,525	\$139,382	\$164,804	\$164,845	\$163,455	\$162,066	\$160,679	\$159,293	\$157,909	\$156,527
Johnson Road pump station		\$0	\$0	\$0	\$30,000	\$0	\$0	\$12,000	\$0	\$0	\$0
Falmouth share		\$0	\$0	\$0	\$18,000	\$0	\$0	\$7,200	\$0	\$0	\$0
Cumberland share		\$0	\$0	\$0	\$12,000	\$0	\$0	\$4,800	\$0	\$0	\$0
Route One interceptor sewer, North of Johnson Road		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Falmouth share		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Cumberland share		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Gravity sewers and force main, south of Johnson to Mill Creek interceptor		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Falmouth share		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Cumberland share		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Route 88 interceptor sewer		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Falmouth share		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Cumberland share		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Mill Creek interceptor sewer		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Falmouth share		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Cumberland share		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Falmouth only sewers and equipment		\$289,000	\$62,000	\$123,000	\$563,000	\$585,500	\$528,000	\$485,500	\$478,000	\$500,500	\$463,000
Falmouth share		\$33,000	\$173,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Falmouth only pump stations		\$334,600	\$270,002	\$130,004	\$138,004	\$167,154	\$189,604	\$187,004	\$143,649	\$172,494	\$141,339
Falmouth share		\$5,400	\$15,000	\$3,000	\$15,000	\$10,350	\$41,400	\$57,000	\$36,705	\$36,210	\$35,715
Excluding Debt Service		\$340,000	\$285,002	\$133,004	\$153,004	\$177,504	\$231,004	\$244,004	\$180,354	\$208,704	\$177,054

TREATMENT PLANT PROJECTS

Totals	\$425,355	\$450,960	\$404,564	\$398,168	\$416,272	\$513,377	\$542,981	\$484,935	\$476,889	\$468,844
Item	2016-17	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	2023-24	2024-25	2025-26
Fund	Estimated costs									
Plant Upgrade 2007-08	\$8,140,000	\$400,960	\$394,564	\$388,168	\$381,772	\$375,377	\$368,981	\$362,585	\$356,189	\$349,794
Repair underground heat lines to headworks	\$18,000									
ISCO Sampler (2)	\$7,000	\$7,000								
Centrifuge addition estimated \$300K	TBD									
Screw conveyor	\$7,000				\$7,000					
Polyblend	\$7,500				\$7,500					
Sludge pump rebuild	\$3,000	\$3,000								
Centrifuge rebuild	\$50,000						\$50,000			
Inclined crew conveyor	\$10,000				\$10,000					
Rebuild sludge grinder	\$5,000									
BOD incubator	\$3,000					\$3,000				
Plant equipment replacement	\$10,000	\$10,000	\$10,000	\$10,000	\$10,000	\$10,000	\$10,000	\$10,000	\$10,000	\$10,000
3rd Aeration tank, estimated \$2.9M	\$2,900,000						\$114,000	\$112,350	\$110,700	\$109,050
Plant outfall extension	\$2,250,000									
Misc. other plant improvements	\$-5-\$1 MM									
Vehicle and equipment storage garage	\$125,000					\$125,000				
Pickup truck with plow	\$30,000	\$30,000								

MILL CREEK PUMP STATION AND FORCE MAIN

Totals	\$1,149,731	\$786,451	\$315,819	\$314,864	\$312,200	\$309,537	\$306,876	\$304,216	\$301,559	\$298,905
Falmouth share	\$1,083,206	\$147,072	\$151,018	\$150,023	\$148,749	\$147,475	\$146,201	\$144,927	\$143,654	\$142,381
Cumberland share	\$66,525	\$139,382	\$164,804	\$164,845	\$163,455	\$162,066	\$160,679	\$159,293	\$157,909	\$156,527

Item	Fund	Estimated costs	2016-17	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	2023-24	2024-25	2025-26	
Mill Creek force main and pump station borrowing costs,	MIMBB	\$5,092,348	\$149,731	\$286,451	\$315,819	\$314,864	\$312,200	\$309,537	\$306,876	\$304,216	\$301,559	\$298,905	Recurring principal and interest Mill Creek upgrade
Mill Creek use of undesignated funds		\$913,249	\$913,249										Mill Creek use of undesignated funds
Mill Creek force main loan non eligible cost		\$86,751	\$86,751										Section of force main installed prior to loan eligibility requirements finalized and determined ineligible

JOHNSON ROAD PUMP STATION

Totals			\$0	2016-17	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	2023-24	2024-25	2025-26	\$0
Item	Fund	Estimated costs												
Panel replacement - Johnson Road		\$12,000								\$12,000				
Generator - Johnson Road		\$30,000				\$30,000								
Upgrade capacity Johnson Road		TBD												
<p>This improvement replaces one of five existing control panels that have been prone to intermittent wiring problems. This style panel has resulted in numerous call ins due to intermittent problems with the friction type connectors used to connect the various electrical components.</p> <p>This proposal would add a new in place generator at one of three pump stations that now require fairly dedicated service with the one high capacity portable unit that is available to serve 12 sites during widespread outages. Expect that the upgrade will provide needed flexibility for the portable unit and manpower during prolonged</p> <p>Timing dependent on growth in Cumberland and Falmouth along Route One north of Bucknam Road</p>														

FALMOUTH ONLY SEWERS AND EQUIPMENT

Totals	\$289,000	\$62,000	\$123,000	\$563,000	\$585,500	\$528,000	\$485,500	\$478,000	\$500,500	\$463,000	
Item	Estimated costs	2016-17	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	2023-24	2024-25	2025-26
Right of way clearing	TBD										
Repair bank near Town Landing	\$75,000	\$75,000									
Infiltration reduction	\$50,000	\$50,000	\$50,000	\$50,000	\$50,000	\$50,000	\$50,000	\$50,000	\$50,000	\$50,000	\$50,000
Misc. Line work	Varies TBD										
West Falmouth/ Sewer master plan	\$100,000										
Falmouth Road force main	\$1,088,000										
Falmouth Road PS	\$355,000										
High School PS	\$17,000										
Improvements											
Woodland Dr. PS	\$66,000										
Improvements											
Pinchurst Dr. PS	\$31,000										
Improvements											
Woodland Clubhouse PS	\$33,000										
Improvements											
Middle Road Roundabout	\$156,000	\$156,000									
Project- Sewer Replacement											
Middle Rd. PS	\$355,000										
Lunt Rd. PS	\$1-\$1.5 MM										
Lunt Rd. force main	\$736,000										
Middle Rd. sewer, Woods to Lunt	\$1,294,000										
WF sewer extension projects					\$450,000	\$442,500	\$435,000	\$427,500	\$420,000	\$412,500	\$405,000
Area 6, Route 100	\$3,273,000										
Area 5, Falmouth, Winn, Leighton	\$2,897,000										
Area 3, Longwoods, Middle, to Cumberland	\$4,328,000										
Area 2, Falmouth Merrill	\$1,721,000										
Area 1, Pleasant, Ledgewood	\$3,587,000										
West Falmouth sewer expansion projects	TBD										
Pickup truck with plow	\$30,000									\$30,000	

Restore Mill & Webes Creek ROW
 Restore washed out area near Town sewer south of Town landing
 Flow assessment, smoke testing, rehabilitation work to reduce peak flows.
 Proposal provides funding of as yet unidentified line replacement or capacity upgrade.
 Engineering study to provide recommended improvements in West Falmouth

Estimated bond payment towards recommended West Falmouth sewer improvements

Estimated bond payment towards possible West Falmouth sewer extensions outlined in Sewer Evaluation Survey of 2015

Proposal funds replacement of an existing 2015 3/4 ton 4x4 pickup truck and plow.

Amerideck dump body	\$6,000										Proposal funds replacement of 2009 pick up dump body
Sander	\$4,500										Sander for pump station truck
Crane truck body	\$15,000				\$15,000						Replacement for crane truck
Portable generator	\$35,000							\$35,000			Proposal funds replacement of 1998 hi capacity portable generator
Jet flushing machine	\$85,000							\$85,000			Proposal provides funds to replace 1995 sewer cleaning /jet flushing tow behind unit and 1994 sewer television camera and recording systems.
Mobile portable generator	\$35,000					\$35,000					Proposal adds a new hi capacity portable generator to service stations without in place standby power.
Lift Crane	\$15,000								\$10,000		Proposal funds replacement of service truck mounted hydraulic/electric crane used to service pumps at 28 pump stations.
Photocopier	\$4,000						\$4,000				Proposal funds replacement of photocopier in line with IT equipment replacement schedule.
Computers and network	\$8,000					\$8,000	\$8,000	\$8,000	\$8,000	\$8,000	Contribution to Town computer/software/network replacement
Generator - pump station	\$30,000					\$30,000					Proposal replaces the 1981 standby generator at the Clearwater Drive station.
Truck, one ton chassis	\$30,000								\$30,000		Proposal funds replacement of an existing 2009 one ton truck chassis.

FALMOUTH ONLY PUMP STATIONS

Totals	\$206,000	\$33,000	\$173,000	\$0	2019-20	2020-21	2021-22	2022-23	2023-24	2024-25	2025-26
Item	Estimated costs	2016-17	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	2023-24	2024-25	2025-26
MIDDLE ROAD											
Control panel replacement	\$15,000		\$15,000								
CLEARWATER DRIVE											
Replace pump parts	\$15,000	\$15,000									
BAYSITE LN											
WW pipe and rail replacement	\$5,000		\$5,000								
HANDY BOAT LANE											
Replace pump parts	\$18,000	\$18,000									
UNDERWOOD ROAD											
Control panel replacement	\$17,000		\$17,000								
Replace pump parts	\$15,000		\$15,000								
WOODVILLE RD											
Control panel replacement	\$15,000		\$15,000								
PINEHURST LANE											
Control panel replacement	\$15,000		\$15,000								
WOODLANDS CLUB											
Control panel replacement	\$15,000		\$15,000								
JOHNSON ROAD											
Control panel replacement	\$15,000		\$15,000								
Piping and rail replacement	\$5,000		\$5,000								
THORNHURST RD											
Pump replacement and vfds	\$18,000		\$18,000								
NORTHBROOK DRIVE											
Control panel replacement	\$15,000		\$15,000								
BALTUSROL DR											
Wet well repairs	\$5,000		\$5,000								
OLD OAK WAY											
Pump replacement	\$10,000		\$10,000								
Replace WW covers	\$8,000		\$8,000								