

**PROJECTED FUTURE WATER FUND BUDGETS
AND IMPACT ON WATER RATE**

EXPENDITURES	Expended FY 2014	Expended FY 2015	Expended FY 2016	Town Council Approved FY 2017	Proposed Dept	Proposal #1	Proposal #2	Town Council	PROJECTED								
					Head FY 2018	Town Admin FY 2018	Town Admin FY 2018	Town Council FY 2018	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026
Allocation to General Fund	29,655	40,000	45,000	58,000	63,000	63,000	63,000	63,000	64,890	66,837	68,842	70,907	73,034	75,225	77,482	79,807	82,201
Administration	157,870	149,509	147,625	170,000	206,900	172,950	183,550	433,550	204,057	215,178	221,634	228,283	235,131	242,185	249,451	256,934	264,642
Low Pressure System	97,668	78,220	78,493	86,225	123,700	85,300	85,300	85,300	147,859	152,295	156,864	161,570	166,417	171,409	176,551	181,848	187,303
Water Treatment	66,374	64,458	74,956	73,200	83,750	75,750	75,750	75,750	78,023	80,363	82,774	85,257	87,815	90,449	93,163	95,958	98,837
Spruce Hole	0	0	4,808	29,050	48,300	44,400	44,400	44,400	45,732	47,104	48,517	49,973	51,472	53,016	54,606	56,245	57,932
Subtotal	351,567	332,187	350,882	416,475	525,650	441,400	452,000	702,000	540,560	561,777	578,630	595,989	613,869	632,285	651,253	670,791	690,915
%Increase/(Decrease)					26.2%	6.0%	8.5%	68.6%	19.6%	3.9%	3.0%	3.0%	3.0%	3.0%	3.0%	3.0%	3.0%
Debt Service																	
Principal	202,134	252,933	291,126	211,400	220,900	220,900	220,900	220,900	220,700	222,200	234,900	297,200	336,100	391,200	339,200	311,400	241,700
Interest	70,885	92,805	90,296	80,700	73,600	73,600	73,600	73,600	73,450	66,950	66,250	70,625	83,650	85,800	75,500	66,100	57,500
Other	0	0	1,000	5,000	2,000	2,000	2,000	2,000	5,000	5,000	5,000	5,000	5,000	5,000	5,000	5,000	5,000
Subtotal	273,019	345,738	382,422	297,100	296,500	296,500	296,500	296,500	299,150	294,150	306,150	372,825	424,750	482,000	419,700	382,500	304,200
%Increase/(Decrease)					-0.2%	-0.2%	-0.2%	-0.2%	0.9%	-1.7%	4.1%	21.8%	13.9%	13.5%	-12.9%	-8.9%	-20.5%
Capital Outlay																	
To Capital Reserve for future capital projects	0	0	4,897	20,000	20,000	20,000	20,000	20,000	20,000	20,000	20,000	20,000	20,000	20,000	20,000	20,000	20,000
To Fund Balance	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Other - To Capital Projects	3,741	0	0	77,000	140,000	140,000	140,000	140,000	70,000	70,000	70,000	70,000	96,500	70,000	70,000	70,000	70,000
Subtotal	3,741	0	4,897	97,000	160,000	160,000	160,000	160,000	90,000	90,000	90,000	90,000	116,500	90,000	90,000	90,000	90,000
%Increase/(Decrease)					64.9%	64.9%	64.9%	64.9%	-43.8%	0.0%	0.0%	0.0%	29.4%	-22.7%	0.0%	0.0%	0.0%
TOTAL EXPENDITURES	628,327	677,925	738,201	810,575	982,150	897,900	908,500	1,158,500	929,710	945,927	974,780	1,058,814	1,155,119	1,204,285	1,160,953	1,143,291	1,085,115
%Increase/(Decrease)		7.9%	8.9%	9.8%	21.2%	10.8%	12.1%	42.9%	2.3%	1.7%	3.1%	8.6%	9.1%	4.3%	-3.6%	-1.5%	-5.1%
REVENUE	Received FY 2014	Received FY 2015	Town Council Estimated FY 2016	Town Council Estimated FY 2017	Dept Head Estimated FY 2018	Town Admin Estimated FY 2018	Town Admin Estimated FY 2018	Town Council Estimated FY 2018	PROJECTED FY 2018	PROJECTED FY 2019	PROJECTED FY 2020	PROJECTED FY 2021	PROJECTED FY 2022	PROJECTED FY 2023	PROJECTED FY 2024	PROJECTED FY 2025	PROJECTED FY 2026
Miscellaneous Revenue	588	397	0	500	500	500	500	500	500	500	500	500	500	500	500	500	500
Service & Repairs	1,138	1,688	1,120	500	10,500	500	500	500	500	500	500	500	500	500	500	500	500
Tower Rental	16,417	16,915	20,280	17,000	17,000	17,000	17,000	17,000	17,510	18,035	18,576	19,134	19,708	20,299	20,908	21,535	22,181
Transfer In - Capital Reserve Fund	0	0	0	0	0	0	0	191,000	0	0	0	0	0	0	0	0	0
Transfer In - Water Fund Balance	0	0	0	0	0	0	0	59,000	0	0	0	0	0	0	0	0	0
Interest Income	2,868	2,306	1,816	2,500	2,500	2,500	2,500	2,500	2,500	2,500	2,500	2,525	2,550	2,576	2,602	2,628	2,654
NON-USER FEES	21,011	21,306	23,216	20,500	30,500	20,500	20,500	270,500	21,010	21,535	22,076	22,659	23,258	23,875	24,509	25,163	25,835
%Increase/(Decrease)					48.8%	0.0%	0.0%	1219.5%	2.5%	2.5%	2.5%	2.6%	2.6%	2.7%	2.7%	2.7%	2.7%
UNH Debt Service	44,898	45,665	45,662	17,024	17,000	17,000	17,000	17,000	17,024	17,024	17,024	17,024	17,024	17,024	0	0	0
UNH ASSESSMENTS	44,898	45,665	45,662	17,024	17,000	17,000	17,000	17,000	17,024	17,024	17,024	17,024	17,024	17,024	0	0	0
%Increase/(Decrease)					0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
TOWN ASSESSMENTS	556,519	644,023	765,867	773,051	934,650	860,400	871,000	871,000	891,676	907,368	935,680	1,019,131	1,114,837	1,163,386	1,136,444	1,118,128	1,059,280
%Increase/(Decrease)		15.7%	18.9%	0.9%	20.9%	11.3%	12.7%	12.7%	2.4%	1.8%	3.1%	8.9%	9.4%	4.4%	-2.3%	-1.6%	-5.3%
TOTAL BUDGET REVENUE NEEDED	622,428	710,994	834,745	810,575	982,150	897,900	908,500	1,158,500	929,710	945,927	974,780	1,058,814	1,155,119	1,204,285	1,160,953	1,143,291	1,085,115
AVERAGE CUBIC FEET	11,145,956	12,572,367	12,760,953	14,391,134	14,391,134	14,391,134	14,391,134	14,391,134	14,607,001	14,826,106	15,048,498	15,274,225	15,503,338	15,735,889	15,971,927	16,211,508	16,454,678
USER FEES (PROJECTED)	4.69	4.82	5.35	5.61	6.49	5.98	6.05	6.05	6.10	6.12	6.22	6.67	7.19	7.39	7.12	6.90	6.44
%Increase/(Decrease)		2.8%	11.0%	4.9%	15.8%	6.6%	7.9%	7.9%	0.9%	0.3%	1.6%	7.3%	7.8%	2.6%	-3.8%	-3.1%	-6.7%
UNASSIGNED FUND BALANCE (restated in 2011)	274,183	99,884	68,238	65,000	221,900	221,900	221,900	221,900	162,900	162,900	162,900	162,900	162,900	162,900	162,900	162,900	162,900
TOWN WATER CAPITAL RESERVE FUND BALANCE	145,446	158,939	229,854	191,000	191,000	191,000	191,000	191,000	0	0	0	0	0	0	0	0	0
TOWN/UNH WATER CAPITAL RESERVE FUND BALANCE	0	0	0	40,000	80,000	80,000	80,000	80,000	120,000	160,000	200,000	240,000	280,000	320,000	360,000	400,000	440,000

Water Fund Proposed Debt Schedule

PROJECT NAME	PROJECT YEAR	BOND LENGTH	TOTAL AMOUNT BONDED	ESTIMATED INTEREST COSTS	TOTAL ESTIMATED COST	2018 PRINCIPAL	2018 INTEREST	2019 PRINCIPAL	2019 INTEREST	2020 PRINCIPAL	2020 INTEREST	2021 PRINCIPAL	2021 INTEREST	2022 PRINCIPAL	2022 INTEREST	2023 PRINCIPAL	2023 INTEREST	2024 PRINCIPAL	2024 INTEREST	2025 PRINCIPAL	2025 INTEREST	2026 PRINCIPAL	2026 INTEREST	2027 PRINCIPAL	2027 INTEREST
Wiswall Dam Spillway	2014	5	\$70,000	\$3,200	\$73,200				\$600	\$15,000	\$1,000	\$15,000	\$750	\$15,000	\$600	\$15,000	\$300	\$10,000	\$100						
Wiswall Dam Spillway	2015	5	\$90,000	\$4,100	\$94,100				\$800	\$20,000	\$1,300	\$20,000	\$1,000	\$20,000	\$700	\$15,000	\$400	\$15,000	\$100						
Wiswall Dam Spillway	2018	10	\$490,000	\$46,200	\$536,200						\$4,500	\$50,000	\$8,000	\$50,000	\$7,200	\$50,000	\$6,400	\$50,000	\$5,500	\$50,000	\$4,600	\$50,000	\$3,700	\$50,000	\$3,000
Madbury Road Waterline	2020	20	\$700,000	\$184,500	\$884,500							\$9,300	\$35,000	\$17,500	\$35,000	\$16,500	\$35,000	\$15,500	\$35,000	\$14,500	\$35,000	\$13,500	\$35,000	\$12,600	
Madbury Road Waterline	2021	20	\$975,000	\$252,100	\$1,227,100									\$13,000	\$50,000	\$23,700	\$50,000	\$22,600	\$50,000	\$21,500	\$50,000	\$20,000	\$50,000	\$19,000	
One Ton Utility Truck	2022	7	\$40,000	\$3,200	\$43,200												\$500	\$10,000	\$800	\$5,000	\$600	\$5,000	\$500	\$5,000	\$400
OUTSTANDING BONDS/ SRF LOANS																									
2002 SRLF - Lamprey River Transmission Main	2002	15	\$828,554	\$236,224	\$1,064,778																				
Outstanding Bonds thru 2002		20	\$638,394	\$199,816	\$838,210	\$23,500	\$2,200	\$23,500	\$1,100																
2006 Bond	2003-2006	20	\$545,469	\$216,362	\$761,831	\$24,900	\$9,000	\$24,900	\$8,000	\$24,900	\$7,000	\$24,900	\$6,000	\$25,300	\$5,000	\$25,300	\$4,000	\$25,300	\$3,000	\$25,300	\$2,000	\$25,300	\$1,000	\$0	\$0
2008 Bond	2007-2008	20	\$724,900	\$276,364	\$1,001,264	\$36,300	\$17,500	\$36,400	\$15,700	\$36,400	\$15,800	\$36,400	\$12,800	\$36,400	\$11,200	\$36,400	\$9,700	\$36,400	\$8,100	\$36,400	\$6,500	\$36,400	\$5,000	\$36,400	\$6,500
2014 Bond	2013-2014	20	\$784,000	\$348,212	\$1,132,212	\$40,000	\$29,300	\$40,000	\$27,300	\$40,000	\$25,200	\$40,000	\$23,200	\$40,000	\$21,100	\$40,000	\$19,100	\$40,000	\$17,000	\$40,000	\$15,000	\$40,000	\$13,800	\$40,000	\$15,000
2015 Bond	2014	10	\$459,038	\$58,490	\$517,528	\$33,200	\$7,900	\$33,200	\$7,200	\$33,200	\$6,500	\$43,200	\$5,900	\$46,500	\$5,000	\$63,400	\$4,100	\$67,500	\$2,800	\$69,700	\$1,400				
2017 Bond	2015	5	\$41,000	\$1,731	\$42,731	\$8,200	\$850	\$8,200	\$650	\$8,200	\$450	\$8,200	\$275	\$8,200	\$100										
2014 SRLF - Spruce Hole	2013	10	\$222,500	\$31,713	\$254,213	\$23,000	\$2,500	\$23,500	\$2,100	\$23,900	\$1,700	\$25,300	\$1,300	\$24,700	\$850	\$25,100	\$450								
2014 SRLF - Water Meter Upgrade	2013	10	\$400,759	\$37,799	\$438,558	\$31,600	\$4,200	\$32,500	\$3,500	\$33,300	\$2,800	\$34,200	\$2,100	\$35,000	\$1,400	\$36,000	\$650								
TOTALS			\$7,009,614	\$1,900,011	\$8,909,625	\$220,700	\$73,450	\$222,200	\$66,950	\$234,900	\$66,250	\$297,200	\$70,625	\$336,100	\$83,650	\$391,200	\$85,800	\$339,200	\$75,500	\$311,400	\$66,100	\$241,700	\$57,500	\$216,400	\$56,500
						TOTAL 2018		TOTAL 2019		TOTAL 2020		TOTAL 2021		TOTAL 2022		TOTAL 2023		TOTAL 2024		TOTAL 2025		TOTAL 2025		TOTAL 2025	
						\$294,150		\$289,150		\$301,150		\$367,825		\$419,750		\$477,000		\$414,700		\$377,500		\$299,200		\$272,900	

**2017 WATER/SEWER CHARGES COMPARISON BY TOWN
BASED ON 5,500cf USED FOR THE YEAR**

TOWN	BILLING FREQUENCY	ANNUAL WATER COST ESTIMATED	ADDITIONAL WATER CHARGES	ANNUAL SEWER COST ESTIMATED	ADDITIONAL SEWER CHARGES	COST OF 5,500 CF's WATER/SEWER FOR THE YEAR
<i>Somersworth</i>	Monthly	\$4.40/100 cf \$242.00	\$2.50 per month \$30.00/annually	\$6.05/100 cf \$332.75	\$3.33 per month \$39.96/annually	\$644.71
<i>Rochester</i>	Quarterly	\$5.29/100 cf \$290.95	\$0.00	\$6.52/100 cf \$358.60	\$0.00	\$649.55
<i>Durham</i>	Semi-Annually - Starting Quarterly in 2018	\$5.61/100 cf \$308.55	\$0.00	\$7.50/100 cf \$412.50	\$0.00	\$721.05
<i>Dover</i>	Quarterly and Monthly	\$4.98/100 cf \$273.90	\$21.43 annually	\$8.52/100 cf \$468.60	\$0.00	\$763.93
<i>Exeter</i> *read in gallons in Exeter- converted to CF	Quarterly	\$5.38/100 cf \$295.90	\$39.50 per quarter \$158.00/annually	\$3.93/100 cf \$216.15	\$39.00 per quarter \$156.00/annually	\$826.05
<i>Newmarket</i>	Quarterly	\$4.45/100 cf for first 10 units \$244.75	\$6.00 per quarter \$24.00/annually	\$10.50/100 cf \$577.50	\$6.00 per quarter \$24.00/annually	\$870.25
<i>Portsmouth</i>	Monthly	\$4.15/100 cf \$228.25	\$8.27 per month \$99.24/annually	\$12.73/100 cf \$700.15	\$0.00	\$1,027.64

Water- Ranked lowest to highest cost- Newmarket, Somersworth, Rochester, Dover, Durham, Portsmouth, Exeter

Sewer- Ranked lowest to highest cost- Exeter, Somersworth, Rochester, Durham, Dover, Newmarket, Portsmouth

Total Water & Sewer ranked lowest to highest cost- Somersworth, Rochester, Durham, Dover, Exeter, Newmarket, Portsmouth