PROJECTED SEWER FUND BUDGETS
AND IMPACT ON SEWER RATE

EXPENDITURES	Expended FY 2014	Expended FY 2015	Expended FY 2016	Town Council Approved FY 2017	Proposed Dept Head FY 2018	Proposal #1 Town Admin FY 2018	Proposal #2 Town Admin FY 2018	Town Council 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	PROJECTED FY 2027
Allocation to General Fund	67,000	120,000	135,000	175,000	193,000	193,000	193,000	193,000	198,790	204,754	210,896	217,223	223,740	230,452	237,366	244,487	251,821
Dover Road	20,786	22,081	24,341	24,850	27,150	27,150	27,150	27,150	27,965	28,803	29,668	30,558	31,474	32,419	33,391	34,393	35,425
Oyster River Road	3,299	1,603	1,581	2,150	2,400	2,400	2,400	2,400	2,472	2,546	2,623	2,701	2,782	2,866	2,952	3,040	3,131
Old Concord Road	5,413	4,988	5,593	5,850	6,200	6,200	6,200	6,200	6,386	6,578	6,775	6,978	7,187	7,403	7,625	7,854	8,090
Durham Lines	7,070	5,392	3,652	6,980	8,200	8,200	8,200	8,200	8,446	8,699	8,960	9,229	9,506	9,791	10,085	10,388	10,699
PREP	0	0	0	18,600	18,600	18,600	18,600	18,600	19,158	19,733	20,325	20,934	21,562	22,209	22,876	23,562	24,269
Wastewater Treatment	977,049	942,845	1,029,131	1,075,355	1,207,700	1,118,600	1,131,800	1,131,800	1,240,754	1,277,977	1,316,316	1,355,805	1,396,480	1,438,374	1,481,525	1,525,971	1,571,750
Subtotal	1,080,617	1,096,909	1,199,298	1,308,785	1,463,250	1,374,150	1,387,350	1,387,350	1,503,971	1,549,090	1,595,562	1,643,429	1,692,732	1,743,514	1,795,819	1,849,694	1,905,185
%Increase/(Decrease)					11.8%	5.0%	6.0%	6.0%	8.4%	3.0%	3.0%	3.0%	3.0%	3.0%	3.0%	3.0%	3.0%
Debt Service																	
Principal	478,676	531,990	664,870	670,100	716,100	716,100	716,100	716,100	716,700	885,000	970,300	1,196,800	1,322,600	1,524,700	1,340,200	1,089,900	1,102,200
Interest	285,711	313,700	328,350	307,800	294,000	294,000	294,000	294,000	281,974	269,682	287,590	293,499	303,707	302,017	268,876	242,986	214,742
Debt Service Charges	0	0	3,000	10,000	10,000	10,000	10,000	10,000	20,000	20,000	20,000	20,000	20,000	20,000	20,000	20,000	20,000
Subtotal	764,387	845,690	996,220	987,900	1,020,100	1,020,100	1,020,100	1,020,100	1,018,674	1,174,682	1,277,890	1,510,299	1,646,307	1,846,717	1,629,076	1,352,886	1,336,942
%Increase/(Decrease)					3.3%	3.3%	3.3%	3.3%	-0.1%	15.3%	8.8%	18.2%	9.0%	12.2%	-11.8%	-17.0%	-1.2%
Capital Outlay																	
To Capital Reserve	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	20,000	20,000	20,000
Other - To Capital Projects	71,600	100,090	43,334	121,700	101,000	101,000	101,000	101,000	26,000	17,000	17,000	31,300	65,000	17,000	17,000	17,000	17,000
Subtotal	91,600	120,090	63,334	141,700	121,000	121,000	121,000	121,000	46,000	37,000	37,000	51,300	85,000	37,000	37,000	37,000	37,000
%Increase/(Decrease)					-14.6%	-14.6%	-14.6%	-14.6%	-62.0%	-19.6%	0.0%	38.6%	65.7%	-56.5%	0.0%	0.0%	0.0%
TOTAL EXPENDITURES	1,936,604	2,062,689	2,258,852	2,438,385	2,604,350	2,515,250	2,528,450	2,528,450	2,568,645	2,760,772	2,910,452	3,205,028	3,424,039	3,627,231	3,461,895	3,239,580	3,279,127
%Increase/(Decrease)		6.5%	9.5%	7.9%	6.8%	3.2%	3.7%	3.7%	1.6%	7.5%	5.4%	10.1%	6.8%	5.9%	-4.6%	-6.4%	1.2%

REVENUES	FY 2014	FY 2015	FY 2016	Town Council Estimated FY 2017	Estimated Dept Head FY 2018	Proposal #1 Town Admin FY 2018	Proposal #2 Town Admin FY 2018	Town Council 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
State Grant	70,172	70,172	70,172	70,172	70,172	70,172	70,172	70,172	70,172	70,172	70,172	70,172	70,172	70,172	70,172	70,172	0
Septic Fees	3,401	4,796	8,625	4,000	4,000	4,000	4,000	4,000	4,000	4,000	4,000	4,000	4,000	4,000	4,000	4,000	4,000
Interest Income	3,648	3,079	1,933	3,000	3,000	3,000	3,000	3,000	3,030	3,091	3,152	3,215	3,280	3,345	3,412	3,481	3,550
Sale of Municipal Property	302,532	7,500	1,000	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Use of Fund Balance	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NON-USER FEES	400,753	85,547	81,730	77,172	77,172	77,172	77,172	77,172	77,202	77,263	77,324	77,387	77,452	77,517	77,584	77,653	7,550
%Increase/(Decrease)					0.0%	0.0%	0.0%	0.0%	0.0%	0.1%	0.1%	0.1%	0.1%	0.1%	0.1%	0.1%	-90.3%
UNH Assessments	782,972	762,063	812,396	924,570	718,001	667,214	674,738	674,738	708,332	769,377	792,459	816,233	840,719	865,941	891,919	918,677	946,237
UNH Debt Service	436,299	466,525	555,584	544,970	531,400	531,400	531,400	531,400	547,091	540,634	660,019	837,523	844,402	891,778	1,072,397	1,068,756	930,135
UNH ASSESSMENTS	1,219,271	1,228,588	1,367,980	1,469,540	1,249,401	1,198,614	1,206,138	1,206,138	1,255,423	1,310,012	1,452,478	1,653,756	1,685,122	1,757,719	1,964,317	1,987,433	1,876,372
%Increase/(Decrease)					-15.0%	-18.4%	-17.9%	-17.9%	4.1%	4.3%	10.9%	13.9%	1.9%	4.3%	11.8%	1.2%	-5.6%
TOWN ASSESSMENTS	664,439	811,550	964,341	890,333	1,277,778	1,239,465	1,245,141	1,245,141	1,236,019	1,373,497	1,380,650	1,473,885	1,661,466	1,791,994	1,419,995	1,174,495	1,395,205
%Increase/(Decrease)		22.1%	18.8%	-7.7%	43.5%	39.2%	39.9%	39.9%	-0.7%	11.1%	0.5%	6.8%	12.7%	7.9%	-20.8%	-17.3%	18.8%
TOTAL BUDGET REVENUE	2,284,463	2,062,689	2,258,852	2,438,385	2,604,350	2,515,250	2,528,450	2,528,450	2,568,645	2,760,772	2,910,452	3,205,028	3,424,039	3,627,231	3,461,895	3,239,580	3,279,127
AVERAGE CUBIC FEET	11,777,055	11,644,574	11,761,019	13,760,984	13,898,594	13,898,594	13,898,594	13,898,594	14,037,580	14,177,966	14,319,735	14,462,932	14,607,562	14,753,637	14,901,174	15,050,186	15,200,687
USER FEES (PROJECTED)	5.64	6.97	7.30	7.50	9.19	8.92	8.96	8.96	8.81	9.69	9.64	10.19	11.37	12.15	9.53	7.80	9.18
%Increase/(Decrease)	-1.88%	23.53%	4.74%	2.74%	22.58%	18.91%	19.45%	19.45%	-1.72%	10.02%	-0.47%	5.70%	11.61%	6.79%	-21.54%	-18.11%	17.62%
UNASSIGNED FUND BALANCE (restated in 2011)	950,878	161,464	196,709	20,105	6,514	6,514	6,514	6,514	6,514	6,514	6,514	6,514	6,514	6,514	6,514	6,514	6,514
SEWER CAPITAL RESERVE FUND BALANCE	338,085	358,184	438,788	556,624	638,789	638,789	638,789	638,789	658,789	678,789	698,789	718,789	738,789	758,789	778,789	798,789	818,789

Per agreement UNH assessment is based on 58.3% with an additional $130,000 for 201: 2017 was budgeted at 59.4%.

Sewer Fund Proposed Debt Schedule

PROJECT NAME	PROJECT YEAR	BOND LENGTH	TOTAL AMOUNT BONDED	D 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
WWTP Phase III	2014	10	$230,000	$21,000	$251,000				$2,100	$25,000	$3,800	$25,000	$3,400	$25,000	$2,900	$25,000	$2,500	$25,000	$1,200	$25,000	$1,600	$20,000	$1,200	$20,000	$900
Wastewater Facilities Plan	2016	10	$325,000	$30,000	$355,000				$3,000	$40,000	$6,500	$40,000	$6,000	$40,000	$5,500	$40,000	$3,700	$45,000	$4,000	$40,000	$3,100	$40,000	$3,400	$40,000	$1,800
18" Force Main Replacement	2017	10	$252,000	$24,000	$276,000				$2,300	$27,000	$4,200	$25,000	$3,700	$25,000	$3,200	$25,000	$2,800	$25,000	$1,500	$25,000	$2,100	$25,000	$1,600	$25,000	$1,100
Woodman Road Sewer	2017	10	$245,000	$23,000	$268,000		-		$2,300	$25,000	$4,100	$25,000	$3,600	$25,000	$3,100	$25,000	$2,700	$25,000	$2,300	$25,000	$1,900	$25,000	$1,500	$25,000	$1,000
Wastewater Facilities Plan	2017	10	$425,000	$39,600	$464,600				$4,000	$45,000	$7,000	$45,000	$6,000	$45,000	$5,500	$45,000	$3,700	$45,000	$4,000	$40,000	$3,100	$40,000	$3,400	$40,000	$1,800
Wastewater Facilities Plan	2018	10	$425,000	$39,600	$464,600						$4,000	$45,000	$7,000	$45,000	$6,000	$45,000	$5,500	$45,000	$3,700	$45,000	$4,000	$40,000	$3,100	$40,000	$3,400
Wastewater Facilities Plan	2019	10	$425,000	$39,600	$464,600								$4,000	$45,000	$7,000	$45,000	$6,000	$45,000	$5,500	$45,000	$3,700	$45,000	$4,000	$40,000	$3,100
18" Force Main Replacement	2019	20	$2,290,000	$568,500	$2,858,500								$29,200	$117,000	$53,000	$115,000	$50,500	$110,000	$47,500	$110,000	$44,800	$110,000	$42,000	$110,000	$39,400
Wastewater Facilities Plan	2020	10	$425,000	$39,600	$464,600								$4,000	$45,000	$7,000	$45,000	$6,000	$45,000	$5,500	$45,000	$3,700	$45,000	$4,000	$40,000	$3,100
WWTP Phase III	2020	10	$450,000	$43,100	$493,100										$4,200	$45,000	$7,400	$45,000	$6,600	$45,000	$5,900	$45,000	$5,100	$45,000	$4,300
Wastewater Facilities Plan	2021	10	$425,000	$39,600	$464,600												$4,000	$45,000	$7,000	$45,000	$6,000	$45,000	$5,500	$45,000	$3,700
WWTP Phase III	2021	20	$2,850,000	$744,300	$3,594,300												$38,000	$145,000	$70,000	$145,000	$66,000	$145,000	$62,200	$145,000	$58,600
Wastewater Facilities Plan	2022	10	$425,000	$39,600	$464,600														$4,000	$45,000	$7,000	$45,000	$6,000	$45,000	$5,500
Wastewater Facilities Plan	2024	10	$318,000	$52,470	$29,300																		$3,000	$38,000	$5,200
OUTSTANDING BONDS/LEASES/SRF LOANS																									
2002 Bond	2002	20	$350,075	$109,621	$459,696	$10,900	$1,000	$10,800	$500																
2006 Bond	2006	20	$325,469	$130,711	$456,180	$15,400	$5,600	$15,400	$5,000	$15,400	$4,400	$15,400	$3,800	$15,700	$3,200	$15,700	$2,500	$15,700	$1,800	$15,700	$1,250	$15,700	$750		
2007 Bond	2007-2007	20	$1,663,760	$602,167	$2,265,927	$94,500	$36,500	$73,600	$31,800	$73,600	$27,800	$73,600	$25,700	$73,600	$22,600	$73,600	$19,500	$73,600	$16,400	$73,600	$13,100	$73,600	$9,900	$73,600	$6,500
2010 Bond	2007-2010	20	$756,000	$315,723	$2,265,927	$40,000	$20,100	$40,000	$17,800	$40,000	$16,800	$35,000	$14,800	$35,000	$13,200	$35,000	$11,400	$35,000	$9,600	$30,000	$7,800	$30,000	$6,400	$25,000	$4,900
2013 Bond	2013	20	$2,500,000	$1,077,194	$3,577,194	$105,000	$75,100	$105,000	$73,900	$105,000	$66,500	$110,000	$66,600	$110,000	$63,300	$115,000	$60,000	$115,000	$53,100	$120,000	$53,100	$130,000	$48,600	$135,000	$43,700
2014 Bond	2013-2014	20	$783,000	$348,157	$1,131,157	$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	$17,100	$40,000	$15,000	$40,000	$13,800	$40,000	$12,500
2015 Bond	2011-2015	10	$1,615,962	$205,902	$1,821,864	$116,900	$27,700	$116,800	$25,300	$116,900	$23,000	$151,900	$20,700	$163,600	$17,600	$233,700	$14,400	$237,600	$9,700	$245,300	$4,900				
2017 Bond	2014	10	$345,000	$41,808	$386,808	$34,500	$7,211	$34,500	$6,452	$34,500	$5,692	$34,500	$4,933	$34,500	$4,175	$34,500	$3,415	$34,500	$2,657	$34,500	$1,898	$34,500	$1,140	$34,500	$380
2018 Bond - Estimated	2016	10	$235,000	$23,064	$258,064		$3,500	$25,000	$4,022	$25,000	$3,590	$25,000	$3,157	$25,000	$2,724	$25,000	$2,292	$25,000	$1,860	$25,000	$1,428	$20,000	$996	$20,000	$562
2013 ARRA - Dover Road/Aeration Blowers	2009	20	$1,313,272	$406,815	$1,720,087	$65,700	$26,800	$65,700	$25,000	$65,700	$23,200	$65,700	$21,500	$65,700	$19,700	$65,700	$17,900	$65,700	$16,000	$65,700	$14,300	$65,700	$12,500	$65,700	$10,700
2015 SRF - Old Concord Road	2011	20	$207,823	$65,475	$273,298	$10,400	$5,500	$10,400	$5,200	$10,400	$4,900	$10,400	$4,500	$10,400	$4,200	$10,400	$3,900	$10,400	$3,600	$10,400	$3,200	$10,400	$2,900	$10,400	$2,600
2005 SRLF - WW Improvements	2004	20	$3,290,757	$1,392,574	$4,683,331	$172,800	$52,700	$179,500	$46,000	$196,500	$39,000	$203,800	$31,800	$211,300	$24,300	$219,000	$16,500	$227,200	$7,400						
TOTALS			$22,896,118	$6,463,181	$30,212,333	$706,100	$291,011	$716,700	$281,974	$885,000	$269,682	$970,300	$287,590	$1,196,800	$293,499	$1,322,600	$303,707	$1,524,700	$302,017	$1,340,200	$268,876	$1,089,900	$242,986	$1,102,200	$214,742
						TOTAL 2018		TOTAL 2019		TOTAL 2020		TOTAL 2021		TOTAL 2022		TOTAL 2023		TOTAL 2024		TOTAL 2025		TOTAL 2017		TOTAL 2017	
						$997,111		$998,674		$1,154,682		$1,257,890		$1,490,299		$1,626,307		$1,826,717		$1,609,076		$1,332,886		$1,316,942	

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
Somersworth	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**
Rochester	Quarterly	$5.29/100 cf **$290.95**	**$0.00**	$6.52/100 cf **$358.60**	**$0.00**	**$649.55**
Durham	Semi-Annually - Starting Quarterly in 2018	$5.61/100 cf **$308.55**	**$0.00**	$7.50/100 cf **$412.50**	**$0.00**	**$721.05**
Dover	Quarterly and Monthly	$4.98/100 cf **$273.90**	**$21.43 annually**	$8.52/100 cf **$468.60**	**$0.00**	**$763.93**
*Exeter *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**
Newmarket	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**
Portsmouth	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