

**PROPOSED 2016 SEWER FUND BUDGET  
AND IMPACT ON SEWER RATE**

EXPENDITURES	Town Council Approved FY 2015	PROPOSED FY 2016	Town Council Approved FY 2016	PROJECTED FY 2017	PROJECTED FY 2018	PROJECTED FY 2019	PROJECTED FY 2020	PROJECTED FY 2021	PROJECTED FY 2022	PROJECTED FY 2023	PROJECTED FY 2024	PROJECTED FY 2025
Allocation to General Fund	120,000	135,000	135,000	139,050	143,222	147,518	151,944	156,502	161,197	166,033	171,014	176,144
Dover Road	23,474	22,622	22,622	23,301	24,000	24,720	25,461	26,225	27,012	27,822	28,657	29,517
Oyster River Road	3,813	2,250	2,250	2,318	2,387	2,459	2,532	2,608	2,687	2,767	2,850	2,936
Old Concord Road	4,894	5,865	5,865	6,041	6,222	6,409	6,601	6,799	7,003	7,213	7,430	7,652
Business Park	0	0	0	0	0	0	0	0	0	0	0	0
Durham Lines	6,765	6,854	6,854	7,060	7,271	7,490	7,714	7,946	8,184	8,430	8,682	8,943
Shared Lines	0	0	0	0	0	0	0	0	0	0	0	0
Wastewater Treatment	1,007,181	1,054,616	1,059,412	1,091,194	1,123,930	1,157,648	1,192,378	1,228,149	1,264,993	1,302,943	1,342,031	1,382,292
Subtotal	1,166,127	1,227,209	1,232,003	1,268,963	1,307,032	1,346,243	1,386,630	1,428,229	1,471,076	1,515,208	1,560,665	1,607,484
%Increase/(Decrease)		5.2%	5.6%	3.0%	3.0%	3.0%	3.0%	3.0%	3.0%	3.0%	3.0%	3.0%
Debt Service												
Principal	521,599	664,873	664,873	797,834	852,234	884,355	977,235	1,127,404	1,325,662	1,412,339	1,456,111	1,001,164
Interest	309,511	328,354	328,354	343,405	335,965	315,981	347,819	344,880	405,279	364,024	284,064	246,951
Debt Service Charges	20,000	20,000	20,000	20,000	20,000	20,000	20,000	20,000	20,000	20,000	20,000	20,000
Subtotal	851,110	1,013,227	1,013,227	1,161,239	1,208,199	1,220,336	1,345,054	1,492,284	1,750,941	1,796,363	1,760,175	1,268,115
%Increase/(Decrease)		19.0%	19.0%	14.6%	4.0%	1.0%	10.2%	10.9%	17.3%	2.6%	-2.0%	-28.0%
Capital Outlay												
Contingency (To Fund Balance)	0	0	0	7,200	0	0	20,500	0	0	39,750	83,850	486,650
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
Other - To Capital Projects	100,000	43,334	43,334	0	8,000	57,333	0	0	63,171	0	0	0
Subtotal	120,000	63,334	63,334	27,200	28,000	77,333	40,500	20,000	83,171	59,750	103,850	506,650
%Increase/(Decrease)		-47.2%	-47.2%	-57.1%	2.9%	176.2%	-47.6%	-50.6%	315.9%	-28.2%	73.8%	387.9%
<b>TOTAL EXPENDITURES</b>	<b>2,137,237</b>	<b>2,303,770</b>	<b>2,308,564</b>	<b>2,457,402</b>	<b>2,543,230</b>	<b>2,643,911</b>	<b>2,772,184</b>	<b>2,940,513</b>	<b>3,305,188</b>	<b>3,371,321</b>	<b>3,424,689</b>	<b>3,382,249</b>
%Increase/(Decrease)		7.8%	8.0%	6.4%	3.5%	4.0%	4.9%	6.1%	12.4%	2.0%	1.6%	-1.2%
<b>REVENUES</b>	<b>Town Council Approved FY 2015</b>	<b>PROPOSED FY 2016</b>	<b>PROPOSED FY 2016</b>	<b>PROJECTED FY 2017</b>	<b>PROJECTED FY 2018</b>	<b>PROJECTED FY 2019</b>	<b>PROJECTED FY 2020</b>	<b>PROJECTED FY 2021</b>	<b>PROJECTED FY 2022</b>	<b>PROJECTED FY 2023</b>	<b>PROJECTED FY 2024</b>	<b>PROJECTED FY 2025</b>
Slate Grant	70,172	70,172	70,172	70,172	70,172	70,172	70,172	70,172	70,172	70,172	70,172	0
Miscellaneous Revenue	0	0	0	0	0	0	0	0	0	0	0	0
Service Fees	0	0	0	0	0	0	0	0	0	0	0	0
Connection Fees	0	0	0	0	0	0	0	0	0	0	0	0
Septic Fees	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	4,000	3,500	3,500	3,535	3,606	3,678	3,751	3,826	3,903	3,981	4,061	4,142
Use of Fund Balance	0	0	0	0	0	0	0	0	0	0	0	0
<b>NON-USER FEES</b>	<b>78,172</b>	<b>77,672</b>	<b>77,672</b>	<b>77,707</b>	<b>77,778</b>	<b>77,850</b>	<b>77,923</b>	<b>77,998</b>	<b>78,075</b>	<b>78,153</b>	<b>78,233</b>	<b>8,142</b>
%Increase/(Decrease)		-0.6%	-0.6%	0.0%	0.1%	0.1%	0.1%	0.1%	0.1%	0.1%	0.1%	-89.6%
UNH Assessments	777,457	818,180	821,376	846,018	871,398	897,540	924,466	952,200	980,766	1,010,189	1,040,495	1,071,710
UNH Debt Service	486,172	550,897	550,897	666,454	699,093	692,705	784,199	875,215	1,051,482	1,076,070	1,086,982	1,071,164
<b>UNH ASSESSMENTS</b>	<b>1,263,629</b>	<b>1,369,077</b>	<b>1,372,273</b>	<b>1,512,472</b>	<b>1,570,491</b>	<b>1,590,245</b>	<b>1,708,665</b>	<b>1,827,415</b>	<b>2,032,248</b>	<b>2,086,259</b>	<b>2,127,477</b>	<b>2,142,874</b>
%Increase/(Decrease)		8.3%	8.6%	10.2%	3.8%	1.3%	7.4%	6.9%	11.2%	2.7%	2.0%	0.7%
<b>TOWN ASSESSMENTS</b>	<b>795,436</b>	<b>857,021</b>	<b>858,619</b>	<b>867,223</b>	<b>894,962</b>	<b>975,817</b>	<b>985,595</b>	<b>1,035,099</b>	<b>1,194,865</b>	<b>1,206,908</b>	<b>1,218,980</b>	<b>1,231,233</b>
%Increase/(Decrease)		7.7%	7.9%	1.0%	3.2%	9.0%	1.0%	5.0%	15.4%	1.0%	1.0%	1.0%
<b>TOTAL BUDGET REVENUE</b>	<b>2,137,237</b>	<b>2,303,770</b>	<b>2,308,564</b>	<b>2,457,402</b>	<b>2,543,230</b>	<b>2,643,911</b>	<b>2,772,184</b>	<b>2,940,513</b>	<b>3,305,188</b>	<b>3,371,321</b>	<b>3,424,689</b>	<b>3,382,249</b>
<b>AVERAGE CUBIC FEET</b>	<b>11,844,574</b>	<b>11,761,019</b>	<b>11,761,019</b>	<b>11,878,629</b>	<b>11,997,416</b>	<b>12,117,390</b>	<b>12,239,564</b>	<b>12,360,949</b>	<b>12,484,559</b>	<b>12,609,404</b>	<b>12,735,499</b>	<b>12,862,854</b>
<b>USER FEES (PROJECTED)</b>	<b>6.83</b>	<b>7.29</b>	<b>7.30</b>	<b>7.30</b>	<b>7.46</b>	<b>8.05</b>	<b>8.05</b>	<b>8.37</b>	<b>9.57</b>	<b>9.57</b>	<b>9.57</b>	<b>9.57</b>
%Increase/(Decrease)		6.68%	6.87%	0.00%	2.18%	7.95%	0.00%	3.98%	14.29%	0.01%	0.00%	0.01%
UNASSIGNED FUND BALANCE (restated in 2011)	161,464	196,709	196,709	203,909	203,909	203,909	224,409	224,409	224,409	264,159	348,009	834,659
SEWER CAPITAL RESERVE FUND BALANCE	358,184	438,788	438,788	478,788	518,788	558,788	598,788	638,788	678,788	718,788	758,788	798,788

## Sewer Fund Proposed Debt Schedule

PROJECT NAME	PROJECT YEAR	BOND LENGTH	TOTAL AMOUNT BONDED	ESTIMATED INTEREST COSTS	TOTAL ESTIMATED COST	2016 PRINCIPAL	2016 INTEREST	2017 PRINCIPAL	2017 INTEREST	2018 PRINCIPAL	2018 INTEREST	2019 PRINCIPAL	2019 INTEREST
WWTP Phase III	2014	10	\$230,000	\$37,950	\$267,950			\$23,000	\$6,900	\$23,000	\$6,210	\$23,000	\$5,520
Diesel Generator Replacement	2014	10	\$425,000	\$70,125	\$495,125			\$42,500	\$12,750	\$42,500	\$11,475	\$42,500	\$10,200
Wastewater Facilities Plan	2016	10	\$425,000	\$70,125	\$495,125			\$42,500	\$12,750	\$42,500	\$11,475	\$42,500	\$10,200
Old Bagdad Road Sewer	2016	10	\$200,000	\$33,000	\$233,000			\$20,000	\$6,000	\$2,000	\$5,400	\$20,000	\$4,800
Wastewater Facilities Plan	2017	10	\$267,000	\$44,055	\$311,055					\$26,700	\$8,010	\$26,700	\$7,209
18" Force Main Replacement	2017	10	\$252,000	\$41,580	\$293,580					\$25,200	\$7,560	\$25,200	\$6,804
Woodman Road Sewer	2017	10	\$190,000	\$31,350	\$221,350					\$19,000	\$5,700	\$19,000	\$5,130
Wastewater Facilities Plan	2018	10	\$283,000	\$46,695	\$329,695							\$28,300	\$8,490
18" Force Main Replacement	2018	20	\$2,187,000	\$688,905	\$2,875,905								
Wastewater Facilities Plan	2020	10	\$402,000	\$66,330	\$468,330								
WWTP Phase III	2020	10	\$450,000	\$74,250	\$524,250								
Wastewater Facilities Plan	2021	10	\$363,000	\$59,895	\$422,895								
WWTP Phase III	2021	20	\$2,850,000	\$897,750	\$3,747,750								
Backhoe	2022	7	\$26,575	\$3,189	\$29,764								
Wastewater Facilities Plan	2023	10	\$318,000	\$52,470	\$370,470								
<b>OUTSTANDING BONDS/LEASES/SRF LOANS</b>													
2002 Bond	2002	20	\$350,075	\$109,621	\$459,696	\$12,428	\$1,975	\$10,779	\$1,456	\$10,779	\$970	\$10,779	\$490
2006 Bond	2006	20	\$325,469	\$130,711	\$456,180	\$15,060	\$6,715	\$15,401	\$6,213	\$15,401	\$5,597	\$15,401	\$4,971
2007 Bond	2007-2007	20	\$1,663,760	\$602,167	\$2,265,927	\$94,520	\$45,027	\$94,520	\$40,302	\$94,520	\$36,521	\$73,600	\$31,795
2010 Bond	2007-2010	20	\$756,000	\$315,723	\$2,265,927	\$40,000	\$23,263	\$40,000	\$22,063	\$40,000	\$20,063	\$40,000	\$17,763
2013 Bond	2013	20	\$2,500,000	\$1,077,194	\$3,577,194	\$100,000	\$83,064	\$100,000	\$80,064	\$105,000	\$75,063	\$105,000	\$73,913
2014 Bond	2013-2014	20	\$783,000	\$348,157	\$1,131,157	\$40,000	\$33,345	\$40,000	\$31,305	\$40,000	\$29,265	\$40,000	\$27,225
2015 Bond	2011-2015	10	\$1,615,962	\$205,902	\$1,821,864	\$116,817	\$32,858	\$116,817	\$29,983	\$116,817	\$27,647	\$116,817	\$25,310
2013 ARRA - Dover Road/Aeration Blowers	2009	20	\$1,313,272	\$406,815	\$1,720,087	\$65,664	\$30,363	\$65,664	\$28,577	\$65,664	\$26,791	\$65,664	\$25,005
2015 SRF - Old Concord Road	2011	20	\$207,823	\$65,475	\$273,298	\$10,391	\$6,128	\$10,391	\$5,806	\$10,391	\$5,483	\$10,391	\$5,161
2005 SRLF - WW Improvements	2004	20	\$3,290,757	\$1,392,574	\$4,683,331	\$169,993	\$65,505	\$176,262	\$59,236	\$172,762	\$52,735	\$179,503	\$45,995
<b>TOTALS</b>			\$21,674,693	\$6,872,008	\$29,740,905	\$664,873	\$328,243	\$797,834	\$343,405	\$852,234	\$335,965	\$884,355	\$315,981
						TOTAL 2016		TOTAL 2017		TOTAL 2018		TOTAL 2019	
						\$993,116		\$1,141,239		\$1,188,199		\$1,200,336	

## Sewer Fund Proposed Debt Schedule

PROJECT NAME	2020 PRINCIPAL	2020 INTEREST	2021 PRINCIPAL	2021 INTEREST	2022 PRINCIPAL	2022 INTEREST	2023 PRINCIPAL	2023 INTEREST	2024 PRINCIPAL	2024 INTEREST	2025 PRINCIPAL	2025 INTEREST
WWTP Phase III	\$23,000	\$4,830	\$23,000	\$4,140	\$23,000	\$3,450	\$23,000	\$2,760	\$23,000	\$2,070	\$23,000	\$1,380
Diesel Generator Replacement	\$42,500	\$8,925	\$42,500	\$7,650	\$42,500	\$6,375	\$42,500	\$5,100	\$42,500	\$3,825	\$42,500	\$2,550
Wastewater Facilities Plan	\$42,500	\$8,925	\$42,500	\$7,650	\$42,500	\$6,375	\$42,500	\$5,100	\$42,500	\$3,825	\$42,500	\$2,550
Old Bagdad Road Sewer	\$20,000	\$4,200	\$20,000	\$3,600	\$20,000	\$3,000	\$20,000	\$2,400	\$20,000	\$1,800	\$20,000	\$1,200
Wastewater Facilities Plan	\$26,700	\$6,408	\$26,700	\$5,607	\$26,700	\$4,806	\$26,700	\$4,005	\$26,700	\$3,204	\$26,700	\$2,403
18" Force Main Replacement	\$2,520	\$6,048	\$25,200	\$5,292	\$25,200	\$4,536	\$25,200	\$3,780	\$25,200	\$3,024	\$25,200	\$2,268
Woodman Road Sewer	\$19,000	\$4,560	\$19,000	\$3,990	\$19,000	\$3,420	\$19,000	\$2,850	\$19,000	\$2,280	\$19,000	\$1,710
Wastewater Facilities Plan	\$28,300	\$7,641	\$28,300	\$6,792	\$28,300	\$5,943	\$28,300	\$5,094	\$28,300	\$4,245	\$28,300	\$3,396
18" Force Main Replacement	\$109,350	\$65,610	\$109,350	\$62,330	\$109,350	\$59,049	\$109,350	\$55,769	\$109,350	\$52,488	\$109,350	\$49,208
Wastewater Facilities Plan			\$40,200	\$12,080	\$40,200	\$10,854	\$40,200	\$9,648	\$40,200	\$8,442	\$40,200	\$7,236
WWTP Phase III			\$45,000	\$13,500	\$45,000	\$12,150	\$45,000	\$10,800	\$45,000	\$9,450	\$45,000	\$8,100
Wastewater Facilities Plan					\$36,300	\$10,890	\$36,300	\$9,801	\$36,300	\$8,712	\$36,300	\$7,623
WWTP Phase III					\$142,500	\$85,500	\$142,500	\$81,225	\$142,500	\$76,950	\$142,500	\$72,675
Backhoe							\$3,796	\$797	\$3,796	\$683	\$3,796	\$569
Wastewater Facilities Plan									\$31,800	\$9,540	\$31,800	\$8,586
<b>OUTSTANDING BONDS/LEASES/SRF LOANS</b>												
2002 Bond												
2006 Bond	\$15,401	\$4,365	\$15,401	\$3,749	\$15,662	\$3,132	\$15,662	\$2,506	\$15,662	\$1,770	\$15,662	\$1,253
2007 Bond	\$73,600	\$27,777	\$73,600	\$25,723	\$73,600	\$22,632	\$73,600	\$19,504	\$73,600	\$16,339	\$73,600	\$13,137
2010 Bond	\$40,000	\$16,763	\$35,000	\$14,763	\$35,000	\$13,113	\$35,000	\$11,363	\$35,000	\$9,613	\$30,000	\$7,763
2013 Bond	\$105,000	\$66,545	\$110,000	\$66,543	\$110,000	\$63,263	\$115,000	\$59,943	\$115,000	\$53,063	\$120,000	\$53,063
2014 Bond	\$40,000	\$25,185	\$40,000	\$23,145	\$40,000	\$21,105	\$40,000	\$19,065	\$40,000	\$17,025	\$40,000	\$14,985
2015 Bond	\$116,817	\$22,974	\$151,861	\$20,638	\$163,543	\$17,600	\$233,633	\$14,329	\$237,527	\$9,657	\$245,315	\$4,906
2013 ARRA - Dover Road/Aeration Blowers	\$65,664	\$23,219	\$65,664	\$21,433	\$65,664	\$19,647	\$65,664	\$17,860	\$65,664	\$15,974	\$65,664	\$14,278
2015 SRF - Old Concord Road	\$10,391	\$4,838	\$10,391	\$4,516	\$10,391	\$4,193	\$10,391	\$3,870	\$10,391	\$3,548	\$10,391	\$3,225
2005 SRLF - WW Improvements	\$196,492	\$39,006	\$203,737	\$31,759	\$211,252	\$24,246	\$219,043	\$16,455	\$227,121	\$7,376		
<b>TOTALS</b>	<b>\$977,235</b>	<b>\$347,819</b>	<b>\$1,127,404</b>	<b>\$344,880</b>	<b>\$1,325,662</b>	<b>\$405,279</b>	<b>\$1,412,339</b>	<b>\$364,024</b>	<b>\$1,456,111</b>	<b>\$324,903</b>	<b>\$1,236,778</b>	<b>\$284,064</b>
	<b>TOTAL 2020</b>		<b>TOTAL 2021</b>		<b>TOTAL 2022</b>		<b>TOTAL 2023</b>		<b>TOTAL 2024</b>		<b>TOTAL 2025</b>	
	\$1,325,054		\$1,472,284		\$1,730,941		\$1,776,363		\$1,781,014		\$1,520,842	

**2015 WATER/SEWER CHARGES COMPARISON BY TOWN  
BASED ON 100 CUBIC FT. UNITS**

<b>TOWN</b>	<b>WATER CHARGE</b>	<b>SEWER CHARGE</b>	<b>OTHER CHARGES</b>	<b>FREQUENCY</b>	<b># OF EMPLOYEES IN W &amp; WW</b>	<b>COST OF 2500 CF's WATER/SEWER FOR THE YEAR</b>
<i>Dover</i>	\$4.77/100 cf	\$7.52/100 cf	5/8th's meter- \$4.13/quarter	Quarterly	23 total- 16 service lines for both, meter readings and water plant, 7 people @ wwtp	\$307.25 usage plus \$16.52 meter charge (5/8ths)- <b>\$323.77 total</b>
<i>Durham</i>	\$4.82/100 cf	\$6.83/100 cf	no other charges	Semi-Annually	6.5 total- 1.5 for water department, 5 at wwtp (UNH water has 3 at plant-shared department)	<b>\$291.25 total</b>
<i>Exeter</i> *read in gallons in Exeter- converted to CF (no change in 2015)	\$4.28/100 cf	\$3.32/100 cf	\$28/Qtr. for water, \$28/Qtr. for sewer. TL: \$56/Qtr	Quarterly	16 total- 4 at water plant, 10 service lines/meter readings, 2 at wwtp	\$190.00 usage plus \$224 meter charge (5/8ths)= <b>\$414.00 total</b>
<i>Newmarket</i> (changed to monthly August 2015, no changes in charges at this point)	\$4.25/100 cf	\$8.22/100 cf	\$2 water, \$2 sewer charge per unit monthly	Monthly	5 total- 3 water people (including director), 2 at wwtp	\$311.75 usage plus \$48 service charge= <b>\$359.75 total</b>
<i>Portsmouth</i>	\$4.15/100 cf	\$11.77/100 cf	\$4.95/ meter monthly charge	Monthly	43 employees between water and wastewater, could not breakdown between both.	\$398 usage plus \$59.40 meter charge= <b>\$457.40 total</b>
<i>Rochester</i>	\$4.67/100 cf	\$6.24/100 cf	no other charges	Quarterly	24 total- 6 at water plant, 9 shared for meter reads and service calls, 9 at wwtp	<b>\$276.25 total</b>
<i>Somersworth-</i> (same since 2011)	\$4.11/100 cf	\$5.50/100 cf	Service Fee- \$2.50/water, \$3.33/sewer per quarter	Monthly	9 total- 4 for water plant and meters, service, etc., 5 at wwtp	\$240.25 usage plus \$69.96 meter charge = <b>\$310.21 total</b>