

City of Nashua
Analysis of Wastewater Fund
FY2002 to FY2014
Increases Every Other Year

Schedule F

Line No.	Fiscal Year		Year End Balance	Rate Change	% Change	Type of Rate Change	Volumetric Change
1	2002		\$ 24,023,769				
2	2003		\$ 24,007,147				
3	2004		\$ 25,885,082	(Decrease)	-27%	Volumetric Rate Only	\$1.66 to \$1.22
4	2005		\$ 26,563,313				
5	2006		\$ 25,038,320				
6	2007		\$ 13,463,254				
7	2008		\$ 1,036,825				
8	2009		\$ (6,211,530)				
9	2010		\$ 8,629,973	Increase	27%	Volumetric Rate Only	\$1.22 to \$1.55
10	2011		\$ 4,608,016				
11	2012		\$ 5,044,891	Increase	15%	Demand and Volumetric	\$1.55 to \$1.78
12	2013		\$ 5,500,000				
13	2014	Est	\$ 12,958,000	Increase	15%	Demand and Volumetric	\$1.78 to \$2.05
14	2015	Est	\$ 9,569,000				
15	2016	Est	\$ 6,405,000	Increase	15%	Demand and Volumetric	\$2.05 to \$2.38
16	2017	Est	\$ 3,350,000				
17	2018	Est	\$ 1,702,000	Increase	15%	Demand and Volumetric	\$2.38 to \$2.74
18	2019	Est	\$ 529,000				
19	2020	Est	\$ (1,762,000)	Increase	15%	Demand and Volumetric	\$2.74 to \$3.15

City of Nashua
Analysis of Operations
FY2014 through FY2020

Schedule A

3/25/2014

Line No.	Description	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020
1	Projected Percent Increase in Retail User Fees		15.00%	0.00%	15.00%	0.00%	15.00%	0.00%	15.00%
2	Effective Rate for the Fiscal Year Assuming a Mid-Year Rate Change		7.50%	0.00%	7.50%	0.00%	7.50%	0.00%	7.50%
3	Projected Percent Increase in Other Revenue		0.00%	3.00%	3.00%	3.00%	3.00%	3.00%	3.00%
4									
5	<u>Revenue</u>								
6	Retail User Fee Revenue - Base	\$ 9,875,000	\$ 9,875,000	\$ 11,356,250	\$ 11,356,250	\$ 13,059,688	\$ 13,059,688	\$ 15,018,641	\$ 15,018,641
7	Retail User Fee Revenue - Increase		740,625	-	851,719	-	979,477	-	1,126,398
8	Other Revenue		625,673	644,443	663,776	683,690	704,200	725,326	747,086
9	Total Revenues	\$ 11,241,298	\$ 12,000,693	\$ 12,871,745	\$ 13,743,377	\$ 14,743,365	\$ 15,743,967	\$ 16,892,125	
10									
11	Projected Percent Increase in Operating Expenditures			3.00%	3.00%	3.00%	3.00%	3.00%	3.00%
12	<u>Expenditures</u>								
13	<u>Operating Expenditures</u>								
14	Personnel Related Expenditures	\$ 3,428,663	\$ 3,531,523	\$ 3,637,469	\$ 3,746,593	\$ 3,858,990	\$ 3,974,760	\$ 4,094,003	
15	Operations and Maintenance	3,224,042	3,320,763	3,420,386	3,522,998	3,628,688	3,737,548	3,849,675	
16	Subtotal - Operating Expenditures	\$ 6,652,705	\$ 6,852,286	\$ 7,057,855	\$ 7,269,590	\$ 7,487,678	\$ 7,712,308	\$ 7,943,678	
17									
18	<u>Non-Operating Expenditures</u>								
19	Reserve for Replacements	\$ 1,607,129	\$ 1,607,129	\$ 1,607,129	\$ 1,607,129	\$ 1,607,129	\$ 1,607,129	\$ 1,607,129	
20	Buildings and Improvements	175,000	175,000	175,000	175,000	175,000	175,000	175,000	
21	Debt Service Payments (Schedule E)	3,262,115	4,534,905	5,942,870	5,814,065	5,679,360	5,544,654	5,409,949	
22	Subtotal - Non-Operating Expenditures	\$ 5,044,244	\$ 6,317,034	\$ 7,724,999	\$ 7,596,194	\$ 7,461,489	\$ 7,326,783	\$ 7,192,078	
23									
24	Total Expenditures	\$ 11,696,949	\$ 13,169,320	\$ 14,782,854	\$ 14,865,784	\$ 14,949,167	\$ 15,039,091	\$ 15,135,756	
25									
26	Net Surplus From Operations	\$ (455,651)	\$ (1,168,627)	\$ (1,911,109)	\$ (1,122,407)	\$ (205,803)	\$ 704,876	\$ 1,756,369	
27									
28	<u>Capital Projects and Expenditures</u>								
29	Capital Costs Funded by Debt (Schedule B - Lines 11 & 33)	\$ (21,018,453)	\$ (10,408,000)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
30	Debt Proceeds (Schedule C - Line 15)	33,018,453	10,408,000	-	-	-	-	-	-
31	Net Proceeds (Costs) from Debt Financing	\$ 12,000,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
32									
33	Annual Capital Expenditures Funded by Cash (Schedule C - Lines 16 & 43)	\$ (4,214,352)	\$ (2,341,331)	\$ (2,436,038)	\$ (2,535,408)	\$ (2,639,675)	\$ (2,749,079)	\$ (2,863,877)	
34									
35	Capital Equipment Replacement Expenditures (Schedule B - Line 50)	\$ (1,628,000)	\$ (1,624,000)	\$ (556,000)	\$ (1,132,000)	\$ (532,000)	\$ (853,000)	\$ (2,903,000)	
36	Funding from Capital Equipment Reserve (Schedule C - Line 18)	1,628,000	1,624,000	556,000	1,132,000	532,000	853,000	2,903,000	
37	Net Proceeds (Costs) from Capital Equipment Reserve	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
38									
39	State Aid Grants (Schedule C - Line 23)	\$ 148,821	\$ 137,545	\$ 132,540	\$ 127,533	\$ 122,526	\$ 117,000	\$ 112,000	
40									
41	Net Surplus (Deficit) From Capital Projects and Expenditures	\$ 7,934,469	\$ (2,203,786)	\$ (2,303,498)	\$ (2,407,875)	\$ (2,517,149)	\$ (2,632,079)	\$ (2,751,877)	
42									
43	<u>Unrestricted Retained Earnings</u>								
44	Beginning Balance	\$ (5,500,000)	\$ 1,978,818	\$ (1,393,595)	\$ (5,608,201)	\$ (9,138,484)	\$ (11,861,435)	\$ (13,788,639)	
45	Net Surplus (Deficit) From Operations (Line 26 above)	(455,651)	(1,168,627)	(1,911,109)	(1,122,407)	(205,803)	704,876	1,756,369	
46	Net Surplus (Deficit) From Capital Projects and Expenditures (Line 41 above)	7,934,469	(2,203,786)	(2,303,498)	(2,407,875)	(2,517,149)	(2,632,079)	(2,751,877)	
47	Ending Balance	\$ (5,500,000)	\$ 1,978,818	\$ (1,393,595)	\$ (5,608,201)	\$ (9,138,484)	\$ (11,861,435)	\$ (13,788,639)	\$ (14,784,147)
48									
49	<u>Capital Equipment Reserve</u>								
50	Beginning Balance	\$ 11,000,000	\$ 10,979,129	\$ 10,962,258	\$ 12,013,387	\$ 12,488,516	\$ 13,563,645	\$ 14,317,774	
51	Capital Equipment Additions Funded by Sewer Rates (Schedule D)	1,607,129	1,607,129	1,607,129	1,607,129	1,607,129	1,607,129	1,607,129	
52	Payments for Capital Equipment Expenditures (Schedule D)	(1,628,000)	(1,624,000)	(556,000)	(1,132,000)	(532,000)	(853,000)	(2,903,000)	
53	Ending Balance	\$ 11,000,000	\$ 10,979,129	\$ 10,962,258	\$ 12,013,387	\$ 12,488,516	\$ 13,563,645	\$ 14,317,774	\$ 13,021,903
54									
55	Total Unrestricted Net Assets	\$ 5,500,000	\$ 12,957,947	\$ 9,568,663	\$ 6,405,185	\$ 3,350,032	\$ 1,702,209	\$ 529,135	\$ (1,762,244)