

City of Nashua
Analysis of Wastewater Fund
FY2002 to FY2014
Annual Increases

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	\$ 9,995,000	Increase	7.5%	Demand and Volumetric	\$2.05 to \$2.20
15	2016	Est	\$ 7,289,000	Increase	7.5%	Demand and Volumetric	\$2.20 to \$2.37
16	2017	Est	\$ 4,790,000	Increase	7.5%	Demand and Volumetric	\$2.37 to \$2.55
17	2018	Est	\$ 3,740,000	Increase	7.5%	Demand and Volumetric	\$2.55 to \$2.74
18	2019	Est	\$ 3,283,000	Increase	7.5%	Demand and Volumetric	\$2.74 to \$2.95
19	2020	Est	\$ 1,761,000	Increase	7.5%	Demand and Volumetric	\$2.95 to \$3.17

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%	7.50%	7.50%	7.50%	7.50%	7.50%	7.50%
2	Effective Rate for the Fiscal Year Assuming a Mid-Year Rate Change		7.50%	3.75%	3.75%	3.75%	3.75%	3.75%	3.75%
3	Projected Percent Increase in Other Revenue		0.00%	3.00%	3.00%	3.00%	3.00%	3.00%	3.00%
4									
5	Revenue								
6	Retail User Fee Revenue - Base	\$ 9,875,000	\$ 9,875,000	\$ 11,356,250	\$ 12,207,969	\$ 13,123,566	\$ 14,107,834	\$ 15,165,921	\$ 16,303,366
7	Retail User Fee Revenue - Increase		740,625	425,859	457,799	492,134	529,044	568,722	611,376
8	Other Revenue		625,673	644,443	663,776	683,690	704,200	725,326	747,086
9	Total Revenues		<u>\$ 11,241,298</u>	<u>\$ 12,426,553</u>	<u>\$ 13,329,544</u>	<u>\$ 14,299,390</u>	<u>\$ 15,341,078</u>	<u>\$ 16,459,970</u>	<u>\$ 17,661,828</u>
10									
11	Projected Percent Increase in Operating Expenditures			3.00%	3.00%	3.00%	3.00%	3.00%	3.00%
12	Expenditures								
13	Operating Expenditures								
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		<u>\$ 6,652,705</u>	<u>\$ 6,852,286</u>	<u>\$ 7,057,855</u>	<u>\$ 7,269,590</u>	<u>\$ 7,487,678</u>	<u>\$ 7,712,308</u>	<u>\$ 7,943,678</u>
17									
18	Non-Operating Expenditures								
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)		<u>3,262,115</u>	<u>4,534,905</u>	<u>5,942,870</u>	<u>5,814,065</u>	<u>5,679,360</u>	<u>5,544,654</u>	<u>5,409,949</u>
22	Subtotal - Non-Operating Expenditures		<u>\$ 5,044,244</u>	<u>\$ 6,317,034</u>	<u>\$ 7,724,999</u>	<u>\$ 7,596,194</u>	<u>\$ 7,461,489</u>	<u>\$ 7,326,783</u>	<u>\$ 7,192,078</u>
23									
24	Total Expenditures		<u>\$ 11,696,949</u>	<u>\$ 13,169,320</u>	<u>\$ 14,782,854</u>	<u>\$ 14,865,784</u>	<u>\$ 14,949,167</u>	<u>\$ 15,039,091</u>	<u>\$ 15,135,756</u>
25									
26	Net Surplus From Operations		<u>\$ (455,651)</u>	<u>\$ (742,767)</u>	<u>\$ (1,453,310)</u>	<u>\$ (566,394)</u>	<u>\$ 391,911</u>	<u>\$ 1,420,879</u>	<u>\$ 2,526,072</u>
27									
28	Capital Projects and Expenditures								
29	Capital Costs Funded by Debt (Schedule B - Lines 11 & 33)		\$ (21,018,453)	\$ (10,408,000)	\$ -	\$ -	\$ -	\$ -	\$ -
30	Debt Proceeds (Schedule C - Line 15)		<u>33,018,453</u>	<u>10,408,000</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>
31	Net Proceeds (Costs) from Debt Financing		<u>\$ 12,000,000</u>	<u>\$ -</u>	<u>\$ -</u>	<u>\$ -</u>	<u>\$ -</u>	<u>\$ -</u>	<u>\$ -</u>
32									
33	Annual Capital Expenditures Funded by Cash (Schedule C - Lines 16 & 43)		<u>\$ (4,214,352)</u>	<u>\$ (2,341,331)</u>	<u>\$ (2,436,038)</u>	<u>\$ (2,535,408)</u>	<u>\$ (2,639,675)</u>	<u>\$ (2,749,079)</u>	<u>\$ (2,863,877)</u>
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		<u>\$ -</u>	<u>\$ -</u>	<u>\$ -</u>	<u>\$ -</u>	<u>\$ -</u>	<u>\$ -</u>	<u>\$ -</u>
38									
39	State Aid Grants (Schedule C - Line 23)		<u>\$ 148,821</u>	<u>\$ 137,545</u>	<u>\$ 132,540</u>	<u>\$ 127,533</u>	<u>\$ 122,526</u>	<u>\$ 117,000</u>	<u>\$ 112,000</u>
40									
41	Net Surplus (Deficit) From Capital Projects and Expenditures		<u>\$ 7,934,469</u>	<u>\$ (2,203,786)</u>	<u>\$ (2,303,498)</u>	<u>\$ (2,407,875)</u>	<u>\$ (2,517,149)</u>	<u>\$ (2,632,079)</u>	<u>\$ (2,751,877)</u>
42									
43	Unrestricted Retained Earnings								
44	Beginning Balance		\$ (5,500,000)	\$ 1,978,818	\$ (967,736)	\$ (4,724,543)	\$ (7,698,813)	\$ (9,824,051)	\$ (11,035,251)
45	Net Surplus (Deficit) From Operations (Line 26 above)		(455,651)	(742,767)	(1,453,310)	(566,394)	391,911	1,420,879	2,526,072
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		<u>\$ (5,500,000)</u>	<u>\$ 1,978,818</u>	<u>\$ (967,736)</u>	<u>\$ (4,724,543)</u>	<u>\$ (7,698,813)</u>	<u>\$ (9,824,051)</u>	<u>\$ (11,261,056)</u>
48									
49	Capital Equipment Reserve								
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		<u>\$ 11,000,000</u>	<u>\$ 10,979,129</u>	<u>\$ 10,962,258</u>	<u>\$ 12,013,387</u>	<u>\$ 12,488,516</u>	<u>\$ 13,563,645</u>	<u>\$ 14,317,774</u>
54									
55	Total Unrestricted Net Assets		<u>\$ 5,500,000</u>	<u>\$ 12,957,947</u>	<u>\$ 9,994,522</u>	<u>\$ 7,288,844</u>	<u>\$ 4,789,703</u>	<u>\$ 3,739,594</u>	<u>\$ 3,282,522</u>