



Town of Natick

FY 2011 Appropriated Budget

Section X: Water/Sewer Enterprise Fund

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Town of Natick

FY 2011 Appropriated Budget

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Town of Natick

Home of Champions

Department: Water & Sewer

Enterprise Fund

Appropriation Summary

Sewer Operations						
	2008 Actual	2009 Actual	2010 Appropriated	2011 Appropriated	2010 vs. 2011	
					\$	%
Total Salaries	591,741	652,570	639,130	642,476	3,346	0.5%
Total Operating Expenses	4,152,034	4,171,037	4,579,319	4,610,745	31,426	0.7%
Total Sewer Operations	4,743,775	4,823,607	5,218,449	5,253,221	34,772	0.67%
Water Operations						
	2008 Actual	2009 Actual	2010 Appropriated	2011 Appropriated	2010 vs. 2011	
					\$	%
Total Salaries	853,948	900,969	910,191	934,860	24,669	2.7%
Total Operating Expenses	795,733	929,344	1,103,200	1,143,200	40,000	3.6%
Total Water Operations	1,649,681	1,830,313	2,013,391	2,078,060	64,669	3.21%
Utility Billing Operations						
	2008 Actual	2009 Actual	2010 Appropriated	2011 Appropriated	2010 vs. 2011	
					\$	%
Total Salaries	87,649	93,181	98,582	100,948	2,366	2.4%
Total Operating Expenses	143,467	78,880	120,700	120,700	0	0.0%
Total Utility Billing Operations	231,116	172,061	219,282	221,648	2,366	1.08%
Employee Benefits						
	2008 Actual	2009 Actual	2010 Appropriated	2011 Appropriated	2010 vs. 2011	
					\$	%
Total Employee Benefits	604,816	610,046	607,326	636,395	29,069	4.8%
Total Employee Benefits	604,816	610,046	607,326	636,395	29,069	4.8%
Debt Service						
	2008 Actual	2009 Actual	2010 Appropriated	2011 Appropriated	2010 vs. 2011	
					\$	%
Debt Service						
Principal	1,314,051	1,635,589	1,777,370	1,805,640	28,270	1.6%
Interest	574,341	541,681	637,682	592,776	-44,906	-7.0%
Total Debt Service	1,888,392	2,177,270	2,415,052	2,398,416	-16,636	-0.7%
Total Debt Service	1,888,392	2,177,270	2,415,052	2,398,416	-16,636	-0.7%
Reserves						
	2008 Actual	2009 Actual	2010 Appropriated	2011 Appropriated	2010 vs. 2011	
					\$	%
Total Reserve Fund	0	0	200,000	200,000	0	0.0%
Total Reserve Fund	0	0	200,000	200,000	0	0.00%
Total Water & Sewer Enterprise Fund	9,117,781	9,613,297	10,673,499	10,787,740	114,240	1.07%
Indirects	2,379,592	2,546,347	2,506,416	2,449,757	-56,659	-2.26%



Town of Natick

Home of Champions

Department: Water & Sewer

Enterprise Fund

Mission:

Water & Sewer Operations:

The mission of the Natick Department of Public Works is to maintain and improve in a cost-efficient manner the infrastructure, buildings, equipment, and recreational facilities of the Town and be ready and available to provide immediate and professional response to emergency situations.

The Department will provide safe and adequate drinking water and fire protection by maintaining and improving with available resources the water treatment plant, wells and water mains throughout town. The Department will also provide dependable and reliable trash collection and recycling services to the residents of the Town.

The Department will assist, support and cooperate with other Town departments, boards and commissions as well as other municipalities, State and Federal agencies in all relevant activities that promote and benefit the Town and the quality of life for the citizens of the Town.

Utility Billing Operations:

The Utility Billing office is responsible for the billing and collecting of Water and Sewer activity. This includes uploading the usage files received from DPW on a monthly basis, recording the receivable due to the Town of Natick, printing and mailing of water/sewer invoices, and posting water/sewer cash receipts. Also process abatements, corrections, final billing for real estate sales and special billings for backfills, valve work, etc, and maintain the senior citizen account designations with the Assessor's Office. Finally, this department is also responsible for answering customer inquiries and problem research.

Goals:

Water & Sewer Operations:

- Replace the 2" water main on Vermont Ave with 8" D.I. water pipe.
- Replace the 20 year old or older water service lines on Fisher, Loker, Mass Ave, Vermont.
- Start media replacement on the air strippers and pressure filters at the water treatment plant.
- Upgrade SCADA software and hardware.
- Install flow meters at elm bank wells.
- Replace Springvale Wells #1 & #3.
- Repair Broads Hill & Town Forest Reservoirs.
- Install Chem Feed Buildings at Town Forest and Broads Hill Reservoirs.

Utility Billing Operations:

Personnel Advancement

- Work with Personnel Director on customer service/team building
- Reconfigure Collector's Office personnel to facilitate better service

Enhance On-line, Web, Computer Applications

- Work with DPW to add on-line Geographic Information System (GIS) capabilities; create Executive Committee to enhance usability throughout organization
- Working with Information Technology department, work toward development of intranet

Budget Process Improvements

- With DPW, consider alternatives to water billing system

Utility Billing Operations:

Miscellaneous

- Implement new water billing system including averaging for condos
- Begin to assess opportunities for public information kiosk at Town Hall & Morse Institute Library



Town of Natick

Home of Champions

Department: Water & Sewer

Enterprise Fund

Budget Overview:

The Water & Sewer Enterprise Fund has three divisions within it: Sanitary Sewer, Water & Utility Billing.

Department of Public Works Sewer Division

I. Main Purpose of the Department

The Sewer Division operates and maintains over 147 miles of the sewer collection system and seeks to meet or exceed all federal and state mandates and guidelines governing the sewer collection system. The division monitors the town's thirty four sewer pump stations seven days a week. Personnel from this division are on call twenty four hours a day, seven days a week to respond to any sewer emergency.

II. Recent Developments

- Continuation of the sewer mains relining program
- Replacement Sewer Pump Stations

III. Current Challenges

- Implementation of the Infiltration and Inflow (I/I) study of the Town's sewer system
- Maintain program to alleviate chronic sewer back up areas
- Monitoring the sulfides in the sewer system
- Loss of Rate Reduction funding by the MWRA may impact MWRA rates.

IV. Significant Proposed Changes for the Upcoming Fiscal Year and the Budget Impact

- Continue to fund the Sewer Pump Station/Line Maintenance to reline problem sewer mains and to continue the Degreasing Program.
- Increase of utility costs
- Fieldstone Lane and Crescent Street sewer pump station renovations

V. On the Horizon

- Coordination of the water and sewer line expansion and rehabilitation with the South Natick Hills and Chrysler Road Housing Development

Department of Public Works Water Division

I. Main Purpose of the Department

The Water Division operates and maintains the Town's water wells and water treatment plant. It provides safe and potable drinking water throughout the 196 miles of distribution mains throughout Town. The Division is responsible for water meter calibration, reading over 12,500 meters, and the installation, inspection and testing of backflow prevention devices. In addition, the Division is responsible for water quality testing on a weekly basis, the testing and maintenance of 1,400 fire hydrants and the repair of water leaks. Personnel from this Division are on-call twenty four hours a day, seven days a week to respond to any water emergency.

II. Recent Developments

- Recertification of the Environmental Management System (ISO 14001) at the Springvale Water Treatment Plant
- Completion of Backflow Prevention Program
- Phase 5 of the Water Main Relining program is completed
- Annual water leak detection program to reduce unaccounted for water.
- Replacement of residential water services on various streets before street rehabilitation.

III. Current Challenges

- Continue to update the ISO 14001 Certification of the Springvale Water Treatment Plant
- Repair of the Broads Hill and Town Forest Reservoirs
- Replacement of Springvale Wells #1 & #3
- Installation of chlorine injector system to the Town Forest Reservoir.
- Installation of Flow meters at Elm Bank
- Water Management act permit renewal

IV. Significant Proposed Changes for the Upcoming Fiscal Year and the Budget Impact

- Implement a new pump preventive maintenance schedule
- Significant increase in the cost of electricity.



Town of Natick

Home of Champions

Department: Water & Sewer

Enterprise Fund

Budget Overview:

Department of Public Works Water Division (con't)

V. On the Horizon

- Coordination of the water and sewer line rehabilitation with the South Natick Hills and Chrysler Rd Housing Development.

Utility Billing Division

I. Main Purpose of the Department

The primary responsibility of the Department is the quarterly billing of 12,550 water and sewer accounts. These duties include preparation of quarterly invoices, dispute resolution with rate payers, special fee invoicing, etc. This Department is responsible for the certification of delinquent accounts to the Board of Assessors for inclusion as water and sewer liens transferred to real estate bills.

II. Recent Developments

In FY2010 a web application that will facilitate the public viewing of actual bills in a “.pdf” format will be implemented.

III. Current Challenges

The format and content of information included with the water and sewer bill is being evaluated for clarity. The goal is to improve the information provided to ratepayers.

IV. Significant Proposed Changes for the Upcoming Fiscal Year and Budget Impact

A more informative billing format will be implemented in FY2011. This format will at a minimum include usage history, comprehensive explanation of bill calculation, and other informational materials. The budget request for FY2010 continues to include funding for improved notification to delinquent accounts, notification to subsequent/new property owners, and additional research/resolution for returned mail.

V. On the Horizon

The development of increased Internet access to information and the development of information kiosks at Town Hall and Library are priorities for the near future.



Town of Natick

Home of Champions

Department: Water & Sewer Operations

Enterprise Fund

Staffing

	2007	2008	2009	2010	2011
Water & Sewer Operations					
Water & Sewer Division Supervisor	1	1	1	1	1
Water & Sewer General Foreman	1	1	1	1	1
Administrative Assistant	1	1	1	1	1
Working Foreman	4	4	4	4	4
Heavy Equipment Operator	3	3	3	3	3
Skilled Laborer	6	6	6	5	5
Craftsman	3	3	3	3	3
GIS & Water Treatment Plant Supervisor	1	1	1	1	1
GIS Specialist	1	1	1	1	1
Chief Plant Operator	1	1	1	1	1
Night Operator	1	1	1	1	1
Station Operator	4	4	4	4	4
Executive Assistant					
Executive Assistant	1	1	1	1	1
Administrative Assistant					
Administrative Assistant	1	1	1	1	1
Department Support					
Department Support	0	0.1	0.1	0.1	0.1
Total FTE	29.0	29.1	29.1	28.1	28.1

Total FT/PT

29 FT / 0 PT	29 FT / 1 PT	29 FT / 1 PT	28 FT / 1 PT	28 FT / 1 PT
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Notes

Utility Billing Notes:

Departmental Support person:

works 960 hours total

720 hours allocated to collections

720

1950

0.4

240 hours allocated to utility billing

240

1950

0.1

Performance Indicators

	2007	2008	2009	2010*	2011*
Water & Sewer Operations					
Number of Water Leaks/Repairs (CY)	61	34	43	40	40
Total Number of Hydrants Replaced (CY)	12	10	15	15	15
Total Mileage of Water & Sewer Pipes	N/A	N/A	196.7/147.3	196.7/147.3	200/150
Number of Sewer Main lines Lined (in feet) (CY)	8,511	0	3,216	3000	3000
# of Sewer Backups causing Insurance Claims(CY)	5	4	3	4	4
Water Pumped (MG)	1,282	1,347	1,209	1250	1250

Utility Billing

See Treasurer's Budget (Section VII) for performance indicators related to utility billing.

*Estimated



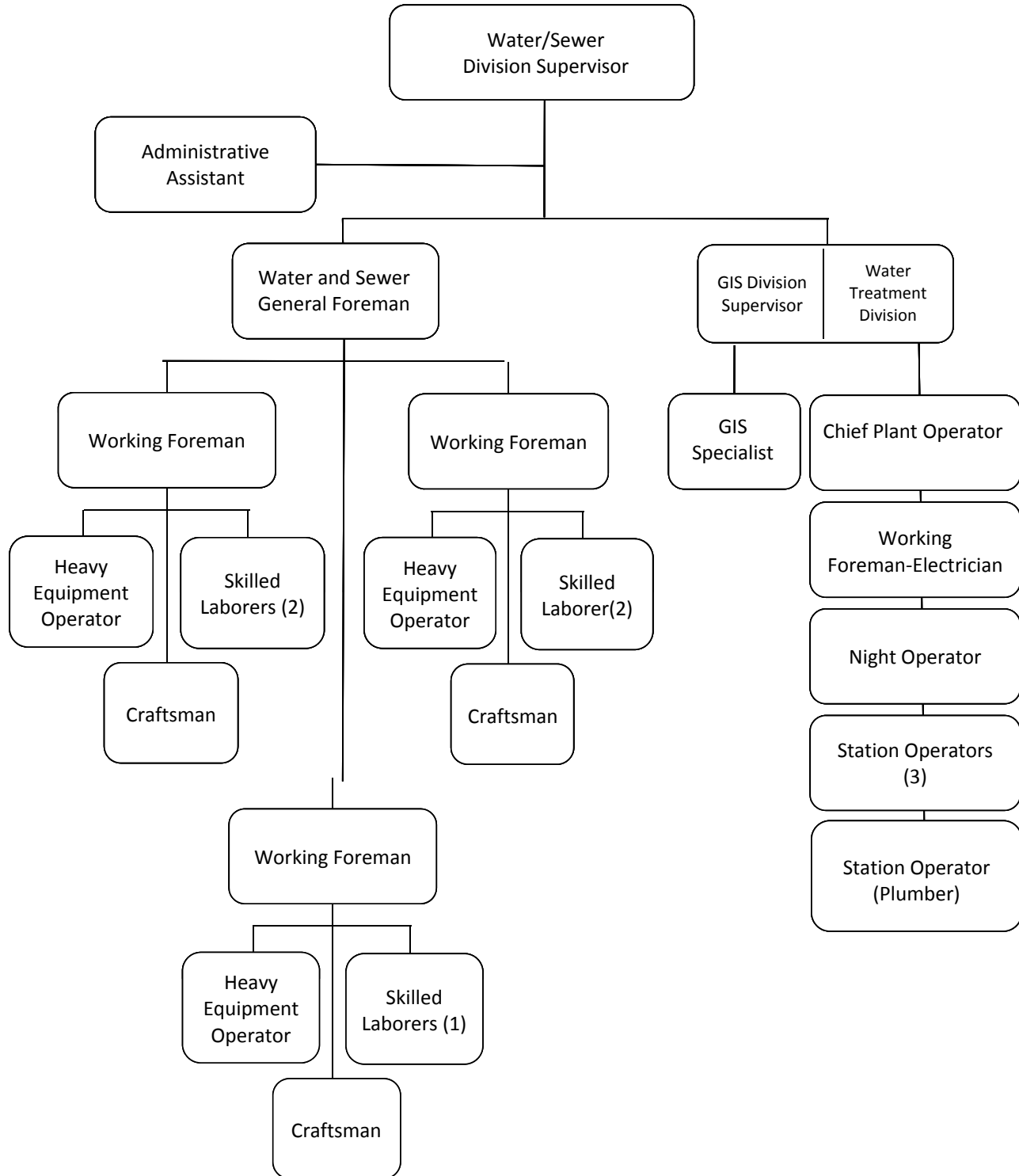
Town of Natick

Home of Champions

Department: Water & Sewer Operations

Enterprise Fund

Organizational Chart



Note: Water & Sewer Divisions under the management of the Director of Public Works



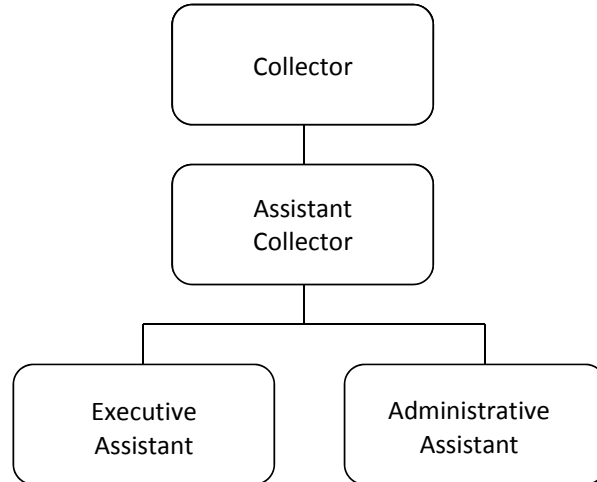
Town of Natick

Home of Champions

Department: Water & Sewer Operations

Enterprise Fund

Organizational Chart: Utility Billing Operations



Note: Utility Billing Division is under the management of the Finance Director / Treasurer / Collector



Town of Natick

Home of Champions

Department: Water & Sewer

Enterprise Fund

Sewer Operations

	2008 Actual	2009 Actual	2010 Appropriated	2011 Appropriated	2010 vs. 2011	
					\$	%
Salaries Supervisory	110,886	\$ 117,366	119,118	120,137	1,019	0.9%
Salaries Operational Staff	397,258	\$ 419,199	410,127	411,914	1,787	0.4%
Salaries Temp Oper. - Police Details	6,987	\$ 9,169	5,200	5,740	540	10.4%
Supervisory Additional Comp	11,400	\$ 11,127	15,700	15,700	0	0.0%
Operational Staff Additional Comp	24,292	\$ 45,859	31,485	31,485	0	0.0%
Operational Staff Overtime	40,918	\$ 49,851	57,500	57,500	0	0.0%
Personnel Services	591,741	652,570	639,130	642,476	3,346	0.5%
Repairs & Maint. Equipment	2,705	\$ 1,930	3,000	3,000	0	0.0%
Repairs & Maint. Other	2,973	\$ 2,477	3,000	3,000	0	0.0%
Utilities Electric	91,007	\$ 160,276	137,000	137,000	0	0.0%
Purchase of Services	96,685	164,684	143,000	143,000	0	0.0%
Licenses - CDL & Special	420	\$ 410	2,000	2,000	0	0.0%
Clothing Allowance Operational Staff	3,150	\$ 3,150	3,500	3,150	-350	-10.0%
Other Services Inc.	3,570	3,560	5,500	5,150	-350	-6.4%
Tech & Prof Svs & MWRA Sulfide Testing	17,230	\$ 12,009	15,000	15,000	0	0.0%
Tech/ Prof. Services	17,230	12,009	15,000	15,000	0	0.0%
Repairs & Maint. Misc. Constr.	3,965	\$ 3,877	4,000	4,000	0	0.0%
Supplies	3,965	3,877	4,000	4,000	0	0.0%
Sewer Pump Station/Line Maintenance	36,944	\$ 37,964	50,000	50,000	0	0.0%
MWRA Sewer Assessment	3,993,641	\$ 3,948,943	4,356,819	4,388,595	31,776	0.7%
Water/Sewer Damage Claims	0	\$ -	5,000	5,000	0	0.0%
Other Chgs. / Exp.	4,030,585	3,986,907	4,411,819	4,443,595	31,776	0.7%
Total Operating Expenses	4,743,775	4,823,607	5,218,449	5,253,221	34,772	0.7%

Water Operations

	2008 Actual	2009 Actual	2010 Appropriated	2011 Appropriated	2010 vs. 2011	
					\$	%
Salaries Supervisory	189,274	\$ 198,027	203,392	213,110	9,718	4.8%
Salaries Operational Staff	573,464	\$ 597,532	582,799	595,950	13,151	2.3%
Salaries Temp Operational	17,799	\$ 9,316	20,500	21,400	900	4.4%
Supervisory Additional Comp	20,608	\$ 22,588	26,050	26,050	0	0.0%
Operational Staff Additional Comp	23,198	\$ 25,978	32,650	32,650	0	0.0%
Operational Staff Overtime	29,606	\$ 47,527	44,800	45,700	900	2.0%
Personnel Services	853,948	900,969	910,191	934,860	24,669	2.7%
Repairs & Maint. Software	11,600	\$ 13,896	15,000	15,000	0	0.0%
Utilities	416,393	\$ 430,076	570,000	575,000	5,000	0.9%
GIS Software & Training	27,638	\$ 26,208	25,500	25,500	0	0.0%
Copy/Mail Center Fees	11,407	\$ 11,919	18,000	18,000	0	0.0%
Purchased Services: Miscellaneous	11,274	\$ 6,905	12,000	12,000	0	0.0%
Purchase of Services	478,312	489,005	640,500	645,500	5,000	0.8%
Licenses - CDL & Special	4,990	\$ 3,372	6,000	6,000	0	0.0%
Environmental Management - ISO 14001 Certification	-	\$ -	0	10,000	10,000	#DIV/0!
Clothing Allowance Operational Staff	4,200	\$ 4,463	4,200	4,200	0	0.0%
Other Services Inc.	9,190	7,835	10,200	20,200	10,000	98.0%
Implement SDWA Amendment	18,418	\$ 17,293	20,000	20,000	0	0.0%
Water Testing	19,460	\$ 17,464	25,000	25,000	0	0.0%
Tech./Prof. Services	37,878	34,757	45,000	45,000	0	0.0%
Repairs & Maint - Equipment	2,961	\$ 2,840	3,000	3,000	0	0.0%



Town of Natick

Home of Champions

Department: Water & Sewer	Enterprise Fund
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Repairs & Maint - Facilities	2,000	\$ 1,957	2,000	2,000	0	0.0%
Repairs & Maint - Hydrants	9,990	\$ 8,797	10,000	10,000	0	0.0%
Repairs & Maint - Misc. Repairs	18,979	\$ 16,980	18,000	18,000	0	0.0%
Repairs & Maint - Misc. Constr	17,850	\$ 15,146	18,000	18,000	0	0.0%
Supplies	51,779	45,720	51,000	51,000	0	0.0%

Chemical Supplies	104,863	\$ 143,490	120,000	145,000	25,000	20.8%
Obsolete Meters	21,139	\$ 28,654	30,000	30,000	0	0.0%
Service Connections	12,968	\$ 12,653	15,000	15,000	0	0.0%
Other Supplies	138,969	184,797	165,000	190,000	25,000	15.2%

Water Well/Water Line Maint.	45,442	\$ 134,446	150,000	150,000	0	0.0%
New Hydrant Installation	10,000	\$ 9,525	10,000	10,000	0	0.0%
Asphalt Crushing	8,983	\$ 8,896	15,000	15,000	0	0.0%
Legal Services - Litigation	365	\$ -	0	0	0	#DIV/0!
DEP Assessment	12,742	\$ 11,126	14,000	14,000	0	0.0%
MWRA Discharge Permit	2,073	\$ 3,237	2,500	2,500	0	0.0%
Other Charges/Expenditures	79,605	167,230	191,500	191,500	0	0.0%

Total Operating Expenses	1,649,681	1,830,313	2,013,391	2,078,060	64,669	3.2%
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Utility Billing

	2008 Actual	2009 Actual	2010 Appropriated	2011 Appropriated	2010 vs. 2011 \$	2010 vs. 2011 %
Salaries Operational Staff	87,044	\$ 89,728	91,215	92,581	1,366	1.5%
Part-Time Operational Staff	-	\$ 2,905	4,896	4,896	0	0.0%
Operational Staff - Additional Comp	-	\$ 331	471	471	0	0.0%
Operational Staff Overtime	605	\$ 218	2,000	3,000	1,000	50.0%
Personnel Services	87,649	93,181	98,582	100,948	2,366	2.4%

Repair & Maint Equipment	4,969	\$ 2,143	4,000	4,000	0	0.0%
In State Travel/Meetings	500	\$ -	500	500	0	0.0%
Training & Education	2,500	\$ -	2,500	2,500	0	0.0%
Communication Telephone	1,363	\$ 1,306	1,500	1,500	0	0.0%
Communication Postage	17,098	\$ 19,010	20,000	20,000	0	0.0%
Collection Activities	17,911	\$ 40	10,000	10,000	0	0.0%
Copy/Mail Center Fees	38,775	\$ 38,567	33,000	33,000	0	0.0%
Purchase of Services	83,116	61,065	71,500	71,500	0	0.0%

Audit Water/Sewer	-	-	0	-	0	#DIV/0!
Professional Serv. Misc.	14,000	-	0	-	0	#DIV/0!
Water / Sewer Rate Study	-	-	0	-	0	#DIV/0!
Utility Billing Software	5,000	\$ 746	15,000	15,000	0	0.0%
Utility Billing Printing	37,317	\$ 13,355	30,200	30,200	0	0.0%
Tech/Prof. Services	56,317	14,101	45,200	45,200	0	0.0%

Office Supplies	4,034	\$ 3,713	4,000	4,000	0	0.0%
Supplies	4,034	3,713	4,000	4,000	0	0.0%

Total Utility Billing	231,116	172,061	219,282	221,648	2,366	1.1%
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Employee Benefits

	2008 Actual	2009 Actual	2010 Appropriated	2011 Appropriated	2010 vs. 2011 \$	2010 vs. 2011 %
FICA {Medicare}	14,991	\$ 16,486	19,200	19,200	0	0.0%
Insurance Group Health & Life	358,455	\$ 352,873	376,362	397,253	20,891	5.6%



Town of Natick

Home of Champions

Department: Water & Sewer		Enterprise Fund				
LIUNA Pension	36,888	\$ 37,452	40,489	40,489	0	0.0%
Other Personnel Services	410,333	406,811	436,051	456,942	20,891	4.8%
Funding Schedule (22 Year) (W&S)	194,483	\$ 203,235	171,275	179,453	8,178	4.8%
Other Charges & Expenditures	194,483	203,235	171,275	179,453	8,178	4.8%
Total Employee Benefits	604,816	610,046	607,326	636,395	29,069	4.8%

Water & Sewer Debt Service

	2008 Actual	2009 Actual	2010 Appropriated	2011 Appropriated	2010 vs. 2011	
					\$	%
1992 Elm Bank * Refunded (2003)	155,000	\$ 155,000	150,000	145,000	-5,000	-3.3%
1997 Water Treatment Plant* Refunded (2008)	25,000	\$ 30,925	30,000	30,000	0	0.0%
1998 Water Treatment Plant	63,000	\$ 63,000	62,000	62,000	0	0.0%
1999 Waterline Lakeshore Road	25,000	\$ 25,000	25,000	25,000	0	0.0%
2000 Waterline Lakeshore Rd	30,000	\$ 30,000	25,000	25,000	0	0.0%
2002 Water Mains North Main/Pine/North Ave.	140,000	\$ 140,000	140,000	140,000	0	0.0%
2002 Water Mains Bacon/North Sts	70,000	\$ 70,000	70,000	70,000	0	0.0%
2002 Water Meters	180,000	\$ 180,000	180,000	180,000	0	0.0%
2003 MWPAT Trust	202,401	\$ 210,014	215,720	221,640	5,920	2.7%
2005 Water Meters	35,000	\$ 35,000	35,000	35,000	0	0.0%
Water Principal Sub-Totals	925,401	938,939	932,720	933,640	920	0.1%
1998 Sewer-Pleasant/Rockwood/Scardsdale	11,000	\$ 11,000	12,000	12,000	0	0.0%
1999 Sewers-Eliot/Union/Pleasant & Others	40,000	\$ 40,000	40,000	35,000	-5,000	-12.5%
1999 Sewer Union Street	35,000	\$ 30,000	30,000	30,000	0	0.0%
2000 Boden Lane Pump Sta	50,000	\$ 45,000	45,000	45,000	0	0.0%
2000 Sewer Water,River,Lincoln,Cohn St	45,000	\$ 45,000	45,000	45,000	0	0.0%
2002 Sewer Lakeshore Rd	25,000	\$ 20,000	20,000	20,000	0	0.0%
2002 Sewer Leach Lane	10,000	\$ 10,000	10,000	10,000	0	0.0%
2005 Sewer I/I	67,650	\$ 67,650	67,650	0	-67,650	-100.0%
2006 Sewer-Speen/Park	105,000	\$ 105,000	105,000	105,000	0	0.0%
Sewer Principal Service Sub-Totals	388,650	373,650	374,650	302,000	-72,650	-19.4%
Phase V Water Relining	-	\$ 300,000	300,000	300,000	0	0.0%
Estimated Final Phase V Water Relining	-	\$ -	140,000	140,000	0	0.0%
Estimated Misc Improvements				105,000	105,000	100.0%
2008 Capital Equipment	-	\$ 23,000	30,000	25,000	-5,000	-16.7%
Paydowns on Pending Issues Sub-Totals	-	323,000	470,000	570,000	100,000	21.3%
Principal Totals	1,314,051	1,635,589	1,777,370	1,805,640	28,270	1.6%
1992 Elm Bank	29,438	\$ 24,400	19,050	13,900	-5,150	-27.0%
1997 Water Treatment Plant	13,531	\$ 8,756	6,500	5,525	-975	-15.0%
1998 Water Treatment Plant	33,819	\$ 16,240	27,780	24,835	-2,945	-10.6%
1999 Water Line Lakeshore	15,600	\$ 14,463	13,300	12,112	-1,188	-8.9%
2000 Waterline Lakeshore Road	17,769	\$ 20,927	14,950	13,700	-1,250	-8.4%
2002 Water Meters	38,790	\$ 31,410	23,760	16,020	-7,740	-32.6%
2002 Water Mains No Main/Pine/North Ave	30,170	\$ 24,430	18,480	12,460	-6,020	-32.6%
2002 Water Mains Bacon/No Main Sts	15,085	\$ 12,215	9,240	6,230	-3,010	-32.6%
2003 Water Treatment Plant MWPAT Trust	131,688	\$ 124,071	118,366	112,446	-5,920	-5.0%
2004 Water Meters	9,188	\$ 7,963	6,913	5,600	-1,313	-19.0%
Interest on Debt Water Sub-Totals	335,077	284,874	258,338	222,828	-35,510	-13.7%
1998 Sewer-Pleasant/Rockwood/Scardsdale	6,654	\$ 20,810	5,570	5,000	-570	-10.2%
1999 Sewers-Eliot/Union/Pleasant & Others	22,418	\$ 20,598	18,738	16,958	-1,780	-9.5%
1999 Sewer Union Street	17,530	\$ 16,053	14,658	13,232	-1,426	-9.7%
2000 Sewer Boden Lane Sta	8,930	\$ 14,960	27,670	23,170	-4,500	-16.3%
2000 Sewer Water,River,Lincoln,Cohn St	27,693	\$ 12,533			0	#DIV/0!
2002 Sewer Lakeshore Rd	14,435	\$ 13,410	12,560	11,700	-860	-6.8%



Town of Natick

Home of Champions

Department: Water & Sewer			Enterprise Fund			
2002 Sewer Leach Lane	7,115	\$ 6,905	6,280	5,850	-430	-6.8%
2006 Sewer-Speen/Park	127,181	\$ 79,275	74,681	70,350	-4,331	-5.8%
Interest on Debt Sewer Sub-Totals	231,956	184,543	160,156	146,260	-13,896	-8.7%
Phase V Water Relining	-	\$ 61,688	111,375	96,375	-15,000	-13.5%
Estimated Final Phase V Water Relining	-		56,000	56,000	0	0.0%
Estimated Misc Improvements				42,000		
2008 Capital Equipment	-	\$ 3,506	5,813	4,313	-1,500	-25.8%
Paydowns on Pending Issues Totals	-	65,194	173,188	198,688	25,501	14.7%
Bond Anticipation Notes	7,309	\$ 7,070	46,000	25,000	-21,000	-45.7%
Total Interest	574,341	541,681	637,682	592,776	-44,906	-7.0%
Total Water & Service Debt Service	1,888,392	2,177,270	2,415,052	2,398,416	-16,636	-0.7%
Reserve Fund						
	2008 Actual	2009 Actual	2010 Appropriated	2011 Appropriated	2010 vs. 2011	
					\$	%
Reserve Fund	-	\$ -	200,000	200,000	0	0.0%
Total Reserve Fund	-	-	200,000	200,000	0	0.0%



Town of Natick

Home of Champions

Department: Water & Sewer Operations Line-Item Detail

Enterprise Fund

Narrative:

Sanitary Sewer Operations

Personnel Services

Salaries Supervisory: To fund the positions of Coordinator of Technical Services and .5 of the Supervisor of Sewer and Water, who oversees this division.

Salaries Operational Staff: To fund eleven employees who maintain and repair the sewer mains in the town.

Salaries Temporary Operational: This fund is for police details for work done in the roadways and part time help.

Supervisory Additional Compensation: This fund is for education incentive stipends and service award.

Operational Staff Additional Compensation: This fund is for longevity and temporary upgrades per union contract.

Operational Staff Overtime: This fund is for emergencies and callbacks after normal operating hours.

Purchase of Services

Equipment Repairs/Maintenance: This fund is for the repairs and maintenance of the town's thirty six sewer pump stations which include check valves, motor starters, mechanical seals, etc.

Repairs/Maintenance Other: This fund is for the repairs and maintenance of the alarms, wiring and fencing.

Electricity: This fund is for the use of electricity at the Sewer Pumping Stations.

Other Services (Misc.)

Licenses CDL and Special: This fund is for the reimbursement to the employees for license renewals, CDL, Hoisting, etc.

Clothing Allowance Operational Staff: This fund is for the clothing allowance per union agreement.

Tech & Professional Services

Professional Services-MWRA/Sulfide Testing: This fund is for the testing of the sewer before it enters the Massachusetts Water Resource Authority (MWRA) sewer system and other professional services dealing with this issue as required by the municipal discharge permit.

Supplies

Miscellaneous Construction Repairs and Maintenance: This fund is for the repairs and maintenance of sewer pipe, fittings, sewer camera, manhole covers and sewer rod equipment.

Other Charges

Sewer Line Maintenance: This fund is used for the engineering, repairing, maintenance and rehabilitation of the thirty six sewer pump stations and for the 150 miles of sewer mains such as television sewers, replacement of sewer pipe and manholes.

Massachusetts Water Resource Authority (MWRA) Assessment: This fund is for the costs of the town's sewer discharge into the MWRA sewer collection system.

Water Operations

Personnel Services

Salaries Supervisory: To fund the positions of GIS Technician, CADD GIS Technician and .5 Supervisor of Water and Sewer, who oversees this division.

Salaries Operational Staff: To fund thirteen employees positions who maintain and repair the water distribution system.

Salaries Temporary Operational: This fund is for police details for work done in the roadways and for part time help.

Supervisory Additional Compensation: This fund is for education incentive stipends and service award.



Town of Natick

Home of Champions

Department: Water & Sewer Operations Line-Item Detail

Narrative:

Water Operations (con't)

Operational Staff Additional Compensation: This fund is for longevity and temporary upgrades per union contract.

Operational Staff Overtime: This fund is for emergencies and callbacks after normal operating hours.

Purchase of Services

Repairs and Maintenance Software: This fund is used for the Scada System at the Water Treatment Plant. It covers the upgrade of intrusion software, hardware replacements and other related computer items.

Electricity: This fund is for the use of electricity at the Water Treatment Plant, Evergreen Wells, Morse's Pond Well, Elm Bank Well and the Booster Station at Captain Toms Hill.

Copy Mail Center: This fund is for department's share of the copy/mail center cost.

Purchased Services Miscellaneous: This fund is used for supplies and equipment including printers, computers, computer hardware etc.

Other Services Misc.

Licenses CDL and Special: This fund is for the reimbursement to the employees for license renewals, CDL, Hoisting, Water, memberships to NEWWA, etc.

Environmental Management System: This fund is for the audits required to maintain the Environmental Management System and the ISO Certification.

Clothing Allowance Operational Staff: This fund is for the clothing allowance per union agreement.

Safe Drinking Water Act (SDWA) Amendment: This fund is for all Volatile Organic Compounds (VOC) water and other tests mandated by the Department of Environment Protection (DEP), Environmental Protection Agency (EPA) and Safe Drinking Water Act (SDWA).

Supplies

Water Tests: This fund is for all weekly water testing which includes coliform, manganese, fluoride, lead and copper.

Equipment Repairs/Service: This fund is for the repair of metal detectors, hoses and tapping machine.

Facility Repairs and Maintenance: This fund is for the repairs of locks, the purchase of propane gas and belts for air strippers.

Hydrant Repairs and Maintenance: This fund is used to repair and maintain the 1,200 fire hydrants in town.

Miscellaneous Construction Repairs and Maintenance: This fund is for replacing old water gates, ductile iron water pipe, gate boxes, large pipe fittings, tapping sleeves and gates.

Other Supplies

Chemical Supplies: This fund is for the chemicals (chlorine gas, hydroflousilic acid and potassium permanganate) injected into the water.

Replace Obsolete Meters: This fund is for the replacement of large water meters and flow meters for the water wells and for the calibration of large meters, etc.

Service Connections: This fund is to replace old water line services and replacing the water line in the streets that are to be repaved, including one inch plastic water pipe, curb stops, brass fittings, service boxes and cellar valves, etc.

Other Charges & Expenditures

Water Line Maintenance: This fund is for repairs and maintenance at the water treatment plant, water pump stations and water wells, consultant fees and emergencies.

New Hydrant Installation: This fund is for the installation and replacement of old fire hydrants.

Asphalt Crushing: This fund is used to hire a crusher for the gravel pit to recycle extra dirt and asphalt.

Department of Environment Protection Assessment: This fund is used for the DEP annual assessment.

Massachusetts Water Resource Authority Discharge Permit: This fund is used to pay the Massachusetts Water Resource Authority for the water discharge permit at the water treatment plant.



Town of Natick

Home of Champions

Department: Water & Sewer Operations Line-Item Detail

Narrative:

Utility Billing Operations

Personnel Services

Salaries Operational Staff Salaries for two staff positions are funded in this line item. These positions are responsible for preparation of monthly water and sewer charges, special billings (final bills, flat charges, etc.), printing of water / sewer bills, posting payments, customer service inquiries, file maintenance, etc. A full time position has been reduced in the Collector's budget after an employee retirement. This position (Administrative Assistant) will be funded in the amount of 50% via indirect charge to the General Fund. The addition of a part time position is also included in this staffing change.

Part Time Operational This funds 240 hours of part time operational staff. This position will provide administrative / clerical support to the Finance Director/ Collector and will be available during peak receipt periods to supplement the full time Utility Billing staff.

Overtime Operational This funds overtime worked by operational staff during peak receipt periods.

Purchase of Services

Repairs and Maintenance This is for the maintenance and repair of business equipment used in the Collector's office for Utility Billing purposes. The primary equipment is the high speed laser printer used for production of the water / sewer bills and bar code scanning equipment, etc.

In State Travel/Meetings For attendance at Department of Revenue seminars, Treasurer / Collector Association meetings, and administrative / clerical support staff seminars.

Training and Education The costs related to POINT Software training, Neptune meter reading and inventory systems, and PC specialized training seminars, etc.

Communication Telephone This is the proportional costs assigned to the Utility Billing for telephone service.

Communication Postage This is the direct cost associated with the mailings from the Utility Billing Collector's Office. (Water / Sewer bills, water quality survey, water ban, etc.) This item is reduced to reflect the actual amounts expended over the past several years. There has not been a need to mail notices for a mandatory water BAN. Costs will also be reduced as a result of utility billing enhancements which include CASS certified mailing of bills.

Collection Activities These funds are for additional mailings of notices of unpaid / delinquent charges, and demand bills, and other accounts receivable.

Copy/Mail Center Fees This is the proportional cost assigned to the Utility Billing Collector's Office for mail center labor for mail handling and copy charges.

Technical & Professional Services

Utility Billing Software This is utilized for minor programming modifications for water / sewer billing. These would include modifications not included in the annual maintenance that Point Software provides for the Water and Sewer receivable / collection system. The annual maintenance contracts for all Point Software applications are included in the Information Technology budget. This line item was increased by \$10,000 in FY2009 to facilitate the programming / modifications of an improved bill format, revenue forecasting, and web applications.

Utility Billing Printing The cost of services and supplies for the preparation of water / sewer bills including forms, consumables (toner), CASS certification software (Accu-Zip). This line item was increased to include a non capital lease for software to facilitate CASS certified mailings (see reduction in Postage).

Supplies

Office Supplies General office supplies for the Utility Billing Collector's Office for employee benefit and bank reconciliation functions.



Town of Natick

Home of Champions

Department: Water & Sewer Operations Line-Item Detail

Employee Benefits

Pays for benefits for Water & Sewer Benefit eligible employees.

Debt Service

Principal Payments:

The requested budget amount of \$1,505,640 represents repayment of principal for multiple water and sewer capital improvement projects.

Interest Payments:

The requested budget amount of \$592,776 represents the respective interest payments associated with general obligation bonds issued for water and sewer projects. Of that amount, \$25,000 represents the estimated amount for Bond Anticipation Notes & issue costs (bond counsel, financial advisor, rating agency fees, etc.) for authorized borrowings.

Reserve Fund

Covers \$200,000 for emergencies & unforeseen contingencies within the fund.

**Analysis of Projected FY 2011
Water & Sewer Insurance Appropriation
Based on December 2009 Enrollment (assuming 10% increase on FY 2010 rates)**

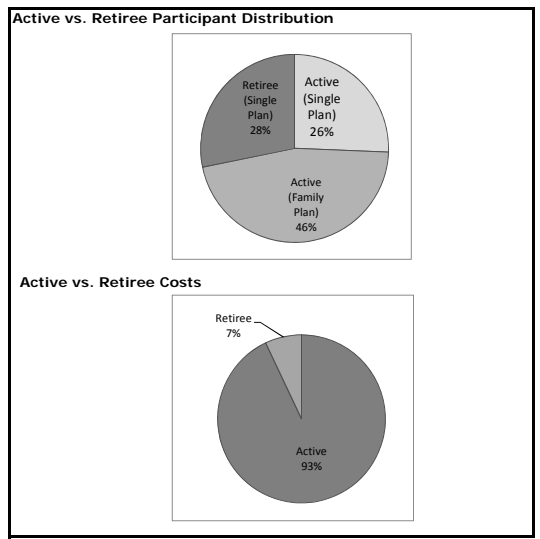
Active Employees						
Active Employees Plans:	Individual		Family		Total Cost	
	Total	Town Share	Total	Town Share		
HEALTH PLANS:	\$	%	\$	\$	%	\$
Network Blue						
Monthly Rates (Regular Members)	683.55	86.38%	590.45	1,834.35	77.30%	1,417.95
Participants			2			2
Annual Total			\$14,171			\$34,031
						\$ 48,202
Harvard/Pilgrim PPO						
Rates (Regular Members)	1,326.60	50.00%	663.30	2,948.00	50.00%	1,474.00
Participants			1			0
Annual Total			\$7,960			\$0
						\$ 7,960
Harvard/Pilgrim EPO						
Monthly Rates (Regular Members)	644.33	84.96%	547.42	1,679.51	76.71%	1,288.35
Participants			4			8
Annual Total			\$26,276			\$123,682
						\$ 149,958
Tufts POS						
Monthly Rates (Regular Members)	1,326.60	50.00%	663.30	2,948.00	50.00%	1,474.00
Participants			0			0
Annual Total			\$0			\$0
						\$ -
Tufts EPO						
Monthly Rates (Regular Members)	682.00	88.73%	605.14	1,784.20	77.75%	1,387.22
Participants			3			8
Annual Total			\$21,785			\$133,173
						\$ 154,958
Fallon Group Select Care						
Monthly Rates (Regular Members)	572.45	90.00%	515.21	1,542.94	80.00%	1,234.35
Participants			0			0
Annual Total			\$0			\$0
						\$ -
Fallon Group Direct Care						
Monthly Rates (Regular Members)	530.72	90.00%	477.65	1,434.87	80.00%	1,147.90
Participants			0			0
Annual Total			\$0			\$0
						\$ -
RATE SAVER EPO PLANS:						
Blue Choice						
Monthly Rates (Regular Members)	563.85	86.38%	487.05	1,513.05	76.71%	1,160.66
Participants Includes 25 N/H			0			0
Annual Total			\$0			\$0
						\$ -
Fallon Group Direct Care						
Monthly Rates (Regular Members)	452.61	90.00%	407.35	1,219.80	80.00%	975.84
Participants			0			0
Annual Total			\$0			\$0
						\$ -
Fallon Group Select Care						
Monthly Rates (Regular Members)	486.85	90.00%	438.17	1,311.82	80.00%	1,049.46
Participants			0			0
Annual Total			\$0			\$0
						\$ -
Harvard/Pilgrim						
Monthly Rates (Regular Members)	547.41	84.96%	465.08	1,428.17	76.71%	1,095.55
Participants			0			0
Annual Total			\$0			\$0
						\$ -
Tufts Navigator						
Monthly Rates (Regular Members)	578.60	88.73%	513.39	1,516.90	77.75%	1,179.39
Participants			0			0
Annual Total			\$0			\$0
						\$ -
ITT Hartford Life						
Monthly Rate			4.25			
Participants (All)			28			
Annual Total			\$1,428			\$ 1,428

Premium Cost Summary	Enrollments		
	Single	Family	
Active Health Plans	10	18	\$ 361,077
Retiree Health Plans	11	0	\$ 27,168
Medicare Reimbursement	21	18	\$ 7,580
Life			\$ 1,428
Total Premium			\$ 397,253
Total Appropriation Needed			\$ 397,253

as of 2/23/2010

Retirees			
Senior Plans:	Individual		
	Total	Town Share	
HEALTH PLANS:	\$	%	\$
First Seniority*			
Monthly Rates (Senior Care)	223.00	50.00%	111.50
Monthly Rates (Senior Care)	322.30	50.00%	161.15
Participants			0
Total			\$0
HPHC Medicare Enhancement			
Monthly Rates (Senior Care)	406.00	50.00%	203.00
Participants			4
Total			\$9,744
Fallon Senior Plan *			
Monthly Rates (Senior Care)	207.00	50.00%	103.50
Monthly Rates (Senior Care)	261.80	50.00%	130.90
Participants			0
Total			\$0
Tufts Medicare Compliment			
Monthly Rates (Senior Care)	372.00	50.00%	186.00
Participants			2
Total			\$4,464
Medex III			
Monthly Rates (Senior Care)	432.00	50.00%	216.00
Participants			5
Total			\$12,960
Tufts Medicare Preferred			
Monthly Rates (Senior Care)	207.00	50.00%	103.50
Participants			0
Total			\$0
Medicare HMO Blue*			
Monthly Rates (Senior Care)	216.20	50.00%	108.10
Monthly Rates (Senior Care)	379.85	50.00%	189.93
Participants			0
Total			\$0
BCBS Managed Blue for Seniors			
Monthly Rates (Senior Care)	413.23	50.00%	206.62
Participants			0
Total			\$0
Medicare Reimbursement *			
Monthly Rate (Jul-Dec)	106.04	50.00%	53.02
Monthly Rate (Jan-Jun) (6%)	123.64	50.00%	61.82
Participants			11
Total			\$7,580

*Rates Change on 1/1





Town of Natick

Home of Champions

Department: Enterprise Fund Debt Service - Principal

Year of Issue	Project	Amount Issued	Fiscal Year 2010	Fiscal Year 2011	Fiscal Year 2012	Fiscal Year 2013	Fiscal Year 2014	Fiscal Year 2015	Fiscal Year 2016	Issue	Total
			Principal	Principal	Principal	Principal	Principal	Principal	Principal	Principal	Balance
1998	Water Treatment Plant	\$ 1,175,000	\$ 62,000	\$ 62,000	\$ 62,000	\$ 62,000	\$ 62,000	\$ 52,000	\$ 52,000	\$ 191,000	\$ 543,000
1998	Sewer (Pleasant, Rockwood, etc.)	\$ 285,000	\$ 12,000	\$ 12,000	\$ 12,000	\$ 12,000	\$ 12,000	\$ 12,000	\$ 12,000	\$ 37,000	\$ 109,000
1999	Sewer (Pleasant, Eliot, Union, etc.)	\$ 750,000	\$ 40,000	\$ 35,000	\$ 35,000	\$ 35,000	\$ 35,000	\$ 35,000	\$ 35,000	\$ 140,000	\$ 350,000
1999	Sewer (Union St)	\$ 615,000	\$ 30,000	\$ 30,000	\$ 30,000	\$ 30,000	\$ 30,000	\$ 30,000	\$ 25,000	\$ 100,000	\$ 275,000
1999	Water (Lakeshore Dr)	\$ 500,000	\$ 25,000	\$ 25,000	\$ 25,000	\$ 25,000	\$ 25,000	\$ 25,000	\$ 25,000	\$ 100,000	\$ 250,000
2000	Water (Lakeshore Dr)	\$ 540,000	\$ 25,000	\$ 25,000	\$ 25,000	\$ 25,000	\$ 25,000	\$ 25,000	\$ 25,000	\$ 125,000	\$ 275,000
2000	Sewer (Boden Ln & Water, Lincoln, etc.)	\$ 1,335,000	\$ 90,000	\$ 90,000	\$ 40,000	\$ 40,000	\$ 40,000	\$ 40,000	\$ 40,000	\$ 200,000	\$ 490,000
2002	Water Meters	\$ 1,800,000	\$ 180,000	\$ 180,000	\$ 180,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 360,000
2002	Water Relining	\$ 700,000	\$ 70,000	\$ 70,000	\$ 70,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 140,000
2002	Water Relining	\$ 1,420,000	\$ 140,000	\$ 140,000	\$ 140,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 280,000
2002	Sewer (Lakeshore Rd)	\$ 430,000	\$ 20,000	\$ 20,000	\$ 20,000	\$ 20,000	\$ 20,000	\$ 20,000	\$ 20,000	\$ 120,000	\$ 240,000
2002	Sewer (Leach Ln)	\$ 210,000	\$ 10,000	\$ 10,000	\$ 10,000	\$ 10,000	\$ 10,000	\$ 10,000	\$ 10,000	\$ 60,000	\$ 120,000
2003	Water Elm Bank *Refunded	\$ 1,375,000	\$ 150,000	\$ 145,000	\$ 140,000	\$ 135,000	\$ -	\$ -	\$ -	\$ -	\$ 420,000
2004	Water Meters	\$ 350,000	\$ 35,000	\$ 35,000	\$ 35,000	\$ 35,000	\$ 35,000	\$ -	\$ -	\$ -	\$ 140,000
2005	Sewer I&I (MWRA)	\$ 338,250	\$ 67,650	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2006	Sewer (Spen St, Park Ave)	\$ 2,100,000	\$ 105,000	\$ 105,000	\$ 105,000	\$ 105,000	\$ 105,000	\$ 105,000	\$ 105,000	\$ 1,155,000	\$ 1,785,000
2007	Water Treatment (MWPAT) *Refunded	\$ 4,884,838	\$ 215,720	\$ 221,640	\$ 227,662	\$ 233,911	\$ 243,023	\$ 250,438	\$ 258,294	\$ 2,764,683	\$ 4,199,651
2008	Water Treatment Plant *Refunded	\$ 225,925	\$ 30,000	\$ 30,000	\$ 30,000	\$ 30,000	\$ 25,000	\$ 20,000	\$ 15,000	\$ 15,000	\$ 165,000
2009	Water Relining	\$ 3,000,000	\$ 300,000	\$ 300,000	\$ 300,000	\$ 300,000	\$ 300,000	\$ 300,000	\$ 300,000	\$ 600,000	\$ 2,400,000
2009	Equipment W-9 Backhoe	\$ 90,000	\$ 10,000	\$ 10,000	\$ 10,000	\$ 10,000	\$ 10,000	\$ 10,000	\$ 10,000	\$ 10,000	\$ 70,000
2009	Equipment W-29 Dump Truck	\$ 70,000	\$ 20,000	\$ 15,000	\$ 15,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 30,000
	Estimated Final Phase V	\$ 1,400,000	\$ -	\$ 140,000	\$ 140,000	\$ 140,000	\$ 140,000	\$ 140,000	\$ 140,000	\$ 560,000	\$ 1,400,000
	Estimated Misc. Improvements	\$ 1,050,000	\$ -	\$ 105,000	\$ 105,000	\$ 105,000	\$ 105,000	\$ 105,000	\$ 105,000	\$ 420,000	\$ 1,050,000
Water and Sewer Enterprise Principal			\$ 1,637,370	\$ 1,805,640	\$ 1,756,662	\$ 1,352,911	\$ 1,222,023	\$ 1,179,438	\$ 1,177,294	\$ 6,597,683	\$ 15,091,651
Total Amount Remaining			\$ 15,091,651	\$ 13,286,010	\$ 11,529,348	\$ 10,176,438	\$ 8,954,415	\$ 7,774,977	\$ 6,597,683	\$ -	\$ -



Town of Natick

Home of Champions

Department: Enterprise Fund Debt Service - Interest

Year of Issue	Project	Fiscal Year 2010		Fiscal Year 2011	Fiscal Year 2012	Fiscal Year 2013	Fiscal Year 2014	Fiscal Year 2015	Fiscal Year 2016	Issue	Total
		Amount Issued	Interest	Interest	Interest	Interest	Interest	Interest	Interest	Balance	Interest
1998	Water Treatment Plant	\$ 1,175,000	\$ 27,780	\$ 24,835	\$ 22,014	\$ 19,131	\$ 16,186	\$ 13,424	\$ 10,850	\$ 14,825	\$ 121,265
1998	Sewer (Pleasant, Rockwood, etc.)	\$ 285,000	\$ 5,570	\$ 5,000	\$ 4,454	\$ 3,896	\$ 3,326	\$ 2,744	\$ 2,150	\$ 2,825	\$ 24,395
1999	Sewer (Pleasant, Eliot, Union, etc.)	\$ 750,000	\$ 18,738	\$ 16,958	\$ 15,264	\$ 13,536	\$ 11,786	\$ 10,014	\$ 8,216	\$ 14,665	\$ 90,440
1999	Sewer (Union St)	\$ 615,000	\$ 14,658	\$ 13,233	\$ 11,781	\$ 10,300	\$ 8,800	\$ 7,281	\$ 5,869	\$ 10,475	\$ 67,739
1999	Water (Lakeshore Dr)	\$ 500,000	\$ 13,300	\$ 12,113	\$ 10,903	\$ 9,669	\$ 8,419	\$ 7,153	\$ 5,869	\$ 10,475	\$ 64,600
2000	Water (Lakeshore Dr)	\$ 540,000	\$ 14,950	\$ 13,700	\$ 12,450	\$ 11,200	\$ 9,938	\$ 8,650	\$ 7,344	\$ 16,775	\$ 80,056
2000	Sewer (Boden Ln & Water, Lincoln, etc.)	\$ 1,335,000	\$ 27,670	\$ 23,170	\$ 19,920	\$ 17,920	\$ 15,900	\$ 13,840	\$ 11,750	\$ 26,840	\$ 129,340
2002	Water Meters	\$ 1,800,000	\$ 23,760	\$ 16,020	\$ 8,100	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 24,120
2002	Water Relining	\$ 700,000	\$ 9,240	\$ 6,230	\$ 3,150	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 9,380
2002	Water Relining	\$ 1,420,000	\$ 18,480	\$ 12,460	\$ 6,300	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 18,760
2002	Sewer (Lakeshore Rd)	\$ 430,000	\$ 12,560	\$ 11,700	\$ 10,820	\$ 9,920	\$ 9,000	\$ 8,040	\$ 7,040	\$ 21,220	\$ 77,740
2002	Sewer (Leach Ln)	\$ 210,000	\$ 6,280	\$ 5,850	\$ 5,410	\$ 4,960	\$ 4,500	\$ 4,020	\$ 3,520	\$ 10,610	\$ 38,870
2003	Water Elm Bank *Refunded	\$ 1,375,000	\$ 19,050	\$ 13,900	\$ 8,200	\$ 2,700	\$ -	\$ -	\$ -	\$ -	\$ 24,800
2004	Water Meters	\$ 350,000	\$ 6,913	\$ 5,600	\$ 4,200	\$ 2,800	\$ 1,400	\$ -	\$ -	\$ -	\$ 14,000
2005	Sewer I&I (MWRA)	\$ 338,250	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2006	Sewer (Speen St, Park Ave)	\$ 2,100,000	\$ 74,681	\$ 70,350	\$ 66,150	\$ 62,081	\$ 58,144	\$ 54,206	\$ 50,138	\$ 262,369	\$ 623,438
2007	Water Treatment (MWPAT) *Refunded	\$ 4,884,838	\$ 118,366	\$ 112,446	\$ 106,425	\$ 100,177	\$ 91,065	\$ 83,651	\$ 75,936	\$ 217,563	\$ 787,263
2008	Water Treatment Plant *Refunded	\$ 225,925	\$ 6,500	\$ 5,525	\$ 4,550	\$ 3,575	\$ 2,600	\$ 1,788	\$ 1,088	\$ 563	\$ 19,688
2009	Water Relining	\$ 3,000,000	\$ 111,375	\$ 96,375	\$ 81,375	\$ 66,375	\$ 56,250	\$ 45,750	\$ 34,875	\$ 35,625	\$ 416,625
2009	Equipment W-9 Backhoe	\$ 90,000	\$ 3,313	\$ 2,813	\$ 2,313	\$ 1,813	\$ 1,475	\$ 1,125	\$ 763	\$ 388	\$ 10,688
2009	Equipment W-29 Dump Truck	\$ 70,000	\$ 2,500	\$ 1,500	\$ 750	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 2,250
	Estimated Final Phase V	\$ 1,400,000	\$ 56,000	\$ 56,000	\$ 50,400	\$ 44,800	\$ 39,200	\$ 33,600	\$ 28,000	\$ 56,000	\$ 308,000
	Est. Misc Improv.	\$ 1,050,000	\$ -	\$ 42,000	\$ 37,800	\$ 33,600	\$ 29,400	\$ 25,200	\$ 21,000	\$ 42,000	\$ 231,000
	BANS and Issue Costs	\$ -	\$ 20,000	\$ 25,000	\$ 25,000	\$ 25,000	\$ 25,000	\$ 25,000	\$ 25,000	\$ -	\$ 150,000
Water and Sewer Enterprise Interest			\$ 611,682	\$ 592,776	\$ 517,729	\$ 443,453	\$ 392,388	\$ 345,487	\$ 299,406	\$ 743,217	\$ 3,334,455
Total Amount Remaining				\$ 3,334,455	\$ 2,741,679	\$ 2,223,950	\$ 1,780,498	\$ 1,388,110	\$ 1,042,623	\$ 743,217	\$ -

Summary of Debt - Water & Sewer Enterprise Fund										
	Fiscal Year 2010	Fiscal Year 2011	Fiscal Year 2012	Fiscal Year 2013	Fiscal Year 2014	Fiscal Year 2015	Fiscal Year 2016	Issue	Total	
Water & Sewer Enterprise Fund Principal	\$ 1,637,370	\$ 1,805,640	\$ 1,756,662	\$ 1,352,911	\$ 1,222,023	\$ 1,179,438	\$ 1,177,294	\$ 6,597,683	\$ 15,091,651	
Water & Sewer Enterprise Fund Interest	\$ 611,682	\$ 592,776	\$ 517,729	\$ 443,453	\$ 392,388	\$ 345,487	\$ 299,406	\$ 743,217	\$ 3,334,455	
Total Annual Debt Service	\$ 2,249,052	\$ 2,398,416	\$ 2,274,391	\$ 1,796,363	\$ 1,614,411	\$ 1,524,924	\$ 1,476,700	\$ 7,340,900	\$ 18,426,106	
Total Amount Remaining		\$ 18,426,106	\$ 16,027,689	\$ 13,753,299	\$ 11,956,935	\$ 10,342,524	\$ 8,817,600	\$ 7,340,900	\$ -	



Town of Natick

Home of Champions

Department: Water & Sewer Operations

Indirect Cost Allocations

PERCENTAGE ALLOCATIONS	PERSONNEL	FRINGE	EXPENSES	TOTAL
DPW ADMINISTRATION	\$ 57,402	\$ 22,101	\$ 13,868	\$ 93,371
BUILDING MAINTENANCE	48,085	18,514	57,813	\$ 124,412
ENGINEERING SERVICES	236,957	91,234	66,603	\$ 394,794
GIS SERVICES	(46,885)	(18,052)	-	\$ (64,937)
EQUIPMENT MAINTENANCE	197,712	76,123	105,760	\$ 379,595
HIGHWAY MAINTENANCE	61,784	23,788	87,664	\$ 173,236
PUBLIC SAFETY	232,898	89,671	13,465	\$ 336,034
FINANCIAL / ADMINISTRATIVE	276,579	106,487	161,172	\$ 544,238
DEBT SERVICE	-	-	79,894	\$ 79,894
PROPERTY INSURANCE	-	-	198,460	\$ 198,460
ENERGY	-	-	190,660	\$ 190,660
SUBTOTAL - GENERAL FUND	1,064,532	409,866	975,359	\$ 2,449,757

Notes:

Revised Water/Sewer Enterprise Fund Projection & Initial Proposed Single-Family Home Rate for FY 2011

Revised Water/Sewer Enterprise Fund Projection - FY 2011, FY 2012 and FY 2013

Summary: The projection shown below is for planning purposes ONLY. It is not intended to serve as a budget or plan for expenditures. Accounting for level indirect costs and funding of requested capital projects through a mixture of debt and retained cash financing, FY 2011 should see a negligible increase of only .97% in most rates (See below). Later years, however, rates will likely be between 6-7.5% increases annually, driven mainly by anticipated 12.5% increases in the MWRA assessment annually and full funding of capital requests. FY 2011 assumes no use of retained earnings in order to apply greater rates of savings to pay for capital in later years.

	2008 Actual	2009 Actual	2010 Appropriated	2011 Appropriated	2012 Estimate	2013 Estimate
Revenues						
User Charges	\$ 9,992,305	\$ 13,068,730	\$ 12,314,366	\$ 12,434,497	\$ 13,362,374	\$ 14,148,944
Connection Fees	\$ 94,291	\$ 95,193	\$ 95,000	\$ 170,000	\$ 170,000	\$ 170,000
Other Departmental Income	\$ 739,814	\$ 1,000,186	\$ 700,000	\$ 750,000	\$ 800,000	\$ 850,000
Investment Income	\$ 81,930	\$ 48,798	\$ 45,000	\$ 45,000	\$ 50,000	\$ 75,000
Capital Article Closeouts/Trans.	\$ -	\$ -	\$ 162,304	\$ 150,000	\$ 150,000	\$ 150,000
Retained Earnings	\$ 2,675,000	\$ -	\$ 213,696	\$ -	\$ 326,000	\$ 200,000
Total Revenues	\$ 13,583,340	\$ 14,212,907	\$ 13,530,366	\$ 13,549,497	\$ 14,858,374	\$ 15,593,944
Expenses						
Sewer	\$ 4,743,775	\$ 4,823,607	\$ 5,218,449	\$ 5,253,221	\$ 5,804,809	\$ 6,414,314
Water	\$ 1,649,681	\$ 1,830,313	\$ 2,013,391	\$ 2,078,060	\$ 2,140,402	\$ 2,204,614
Utility Billing	\$ 231,116	\$ 172,061	\$ 219,282	\$ 221,648	\$ 228,297	\$ 235,146
Fringe Benefits	\$ 604,816	\$ 610,046	\$ 607,776	\$ 636,395	\$ 700,034	\$ 770,037
Debt Service	\$ 1,888,392	\$ 2,177,270	\$ 2,415,052	\$ 2,398,416	\$ 2,398,416	\$ 2,398,416
Reserve Fund	\$ -	\$ -	\$ 200,000	\$ 200,000	\$ 200,000	\$ 200,000
Indirects (included in G/F)	\$ 2,379,592	\$ 2,546,346	\$ 2,506,416	\$ 2,449,757	\$ 2,506,416	\$ 2,506,416
Capital	\$ 1,100,000	\$ 746,635	\$ 350,000	\$ 312,000	\$ 880,000	\$ 865,000
Total Expenses	12,597,373	12,906,278	13,530,366	13,549,497	14,858,374	15,593,944

Revised Preliminary Proposed Single-Family Water & Sewer Rates for FY 2011

Summary: Just as the projection above, the projected rates below are purely for illustrative purposes only. Actual rates will be determined through recalibration of the rate model in preparation of meeting with the Water & Sewer Commissioners for FY 2011 rate setting, which will begin in April 2010. Should the proposed budget be approved as it is projected, including funding of the revised capital requests, the impact upon this years rates is shown below. Average W/S bills for a single family home would increase around .97%, or \$9.88 annually (or \$2.47/quarter).

Rate Options for the average Single-Family House (26.57 HCF/quarter)

2010	Tier	Combined Rate	Consumption	Qtr. Cost	Annual Cost	0.98%
Bills	0-10	\$ 5.54	10	\$ 55.40	\$ 221.60	
	011-20	\$ 9.67	10	\$ 96.70	\$ 386.80	
	021-40	\$ 15.61	6.57	\$ 102.56	\$ 410.23	
			26.57	\$ 254.66	\$ 1,018.63	
2011 (draft)	Tier	Combined Rate	Consumption	Qtr. Cost	Annual Cost	
	Bills	0-10	\$ 5.59	10	\$ 55.94	\$ 223.76
		011-20	\$ 9.76	10	\$ 97.64	\$ 390.57
		021-40	\$ 15.76	6.57	\$ 103.56	\$ 414.23
			26.57	\$ 257.14	\$ 1,028.57	

Cost increase/year over FY 2010	\$ 9.94
Cost increase/quarter over FY 2010	\$ 2.48