



# *Town of Natick*

FY 2010 Budget

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## **Section X: Water/Sewer Enterprise Fund**

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# *Town of Natick*

FY 2010 Budget

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# Town of Natick

Home of Champions

Department: Water & Sewer

Enterprise Fund

## Appropriation Summary

Sewer Operations						
	2007 Actual	2008 Actual	2009 Appropriated	2010 Appropriated	2009 vs. 2010	
					\$	%
Total Salaries	589,954	591,741	665,522	639,130	-26,392	-4.0%
Total Operating Expenses	4,286,144	4,152,034	4,268,355	4,579,319	310,964	7.3%
<b>Total Sewer Operations</b>	<b>4,876,097</b>	<b>4,743,775</b>	<b>4,933,877</b>	<b>5,218,449</b>	<b>284,572</b>	<b>5.77%</b>
Water Operations						
	2007 Actual	2008 Actual	2009 Appropriated	2010 Appropriated	2009 vs. 2010	
					\$	%
Total Salaries	844,798	853,948	902,255	910,191	7,936	0.9%
Total Operating Expenses	887,233	795,733	1,027,800	1,103,200	75,400	7.3%
<b>Total Water Operations</b>	<b>1,732,031</b>	<b>1,649,681</b>	<b>1,930,055</b>	<b>2,013,391</b>	<b>83,336</b>	<b>4.32%</b>
Utility Billing Operations						
	2007 Actual	2008 Actual	2009 Appropriated	2010 Appropriated	2009 vs. 2010	
					\$	%
Total Salaries	83,294	87,649	96,562	98,582	2,020	2.1%
Total Operating Expenses	125,530	143,467	120,700	120,700	0	0.0%
<b>Total Utility Billing Operations</b>	<b>208,824</b>	<b>231,116</b>	<b>217,262</b>	<b>219,282</b>	<b>2,020</b>	<b>0.93%</b>
Employee Benefits						
	2007 Actual	2008 Actual	2009 Appropriated	2010 Appropriated	2009 vs. 2010	
					\$	%
Total Employee Benefits	593,344	604,816	661,535	607,776	-53,759	-8.1%
<b>Total Employee Benefits</b>	<b>593,344</b>	<b>604,816</b>	<b>661,535</b>	<b>607,776</b>	<b>-53,759</b>	<b>-8.1%</b>
Debt Service						
	2007 Actual	2008 Actual	2009 Appropriated	2010 Appropriated	2009 vs. 2010	
					\$	%
Debt Service						
Principal	1,248,735	1,314,051	1,629,665	1,777,370	147,705	9.1%
Interest	498,350	574,341	634,898	637,682	2,784	0.4%
<b>Total Debt Service</b>	<b>1,747,085</b>	<b>1,888,392</b>	<b>2,264,563</b>	<b>2,415,052</b>	<b>147,705</b>	<b>6.6%</b>
<b>Total Debt Service</b>	<b>1,747,085</b>	<b>1,888,392</b>	<b>2,264,563</b>	<b>2,415,052</b>	<b>150,489</b>	<b>6.6%</b>
Reserves						
	2007 Actual	2008 Actual	2009 Appropriated	2010 Appropriated	2009 vs. 2010	
					\$	%
Total Reserve Fund	0	0	200,000	200,000	0	0.0%
<b>Total Reserve Fund</b>	<b>0</b>	<b>0</b>	<b>200,000</b>	<b>200,000</b>	<b>0</b>	<b>0.00%</b>
<b>Total Water &amp; Sewer Enterprise Fund</b>	<b>9,157,382</b>	<b>9,117,781</b>	<b>10,207,292</b>	<b>10,673,950</b>	<b>466,658</b>	<b>4.57%</b>
<b>Indirects</b>	<b>2,350,634</b>	<b>2,379,592</b>	<b>2,546,345</b>	<b>2,506,416</b>	<b>-39,929</b>	<b>-1.57%</b>



# 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, Maine Ave, Massachusetts Ave, and Gannett Road with 8" D.I. water pipe
- Replace the 20 year old or older water service lines on Oak Street and Pine Street.
- Replace the valves on the H&T sand filters at the water treatment plant.
- 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.
- Finish phase 5 water relining.

### 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



# Town of Natick

Home of Champions

Department: Water & Sewer

Enterprise Fund

Goals (con't)

### 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

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 131 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 six 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

- Completion of the Speen Street and Park Avenue sewer main projects
- Continuation of the sewer mains relining program
- Replacement of Grove Road and Jennings Pond Sewer Pump Station

#### 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

- Increase to 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 Natick Mall 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 152 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.



# Town of Natick

Home of Champions

Department: Water & Sewer

Enterprise Fund

Budget Overview:

## Department of Public Works Water Division (con't)

### **II. Recent Developments**

- Implementation of the Environmental Management System (ISO 14001) at the Springvale Water Treatment Plant
- Completion of Backflow Prevention Program
- Phase 4 of the Water Main Relining program is completed
- Implemented a new water leak detection program to reduce unaccounted for water.
- Replacement of all residential water services on Speen Street

### **III. Current Challenges**

- Continue to update the ISO 14001 Certification of the Springvale Water Treatment Plant
- Completion of the current contracts for the Phase 5 Water Main Relining program
- Replacement of all residential water services on Oak Street, Pine Street, Glen Street, and Union Street
- Structural and sanitary survey and inspection of both reservoirs and installation of chlorine injector system to the Town Forest Reservoir.

### **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.

### **V. On the Horizon**

- Coordination of the water and sewer line rehabilitation with the Natick Mall 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. The budget request for FY2010 includes an additional \$10,000 for improvements to the billing software.

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

A more informative billing format will be implemented in FY2010. 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.



# *Town of Natick*

Home of Champions

Department: Water & Sewer

Enterprise Fund

Budget Overview:

## **Utility Billing Division (con't)**

### **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	2006	2007	2008	2009	2010
<b>Water &amp; Sewer Operations</b>					
Water & Sewer Division Supervisor	1	1	1	1	1
Water & Sewer General Foreman	1	1	1	1	1
Administrative Assistant	0	1	1	1	1
Working Foreman	4	4	4	4	4
Heavy Equipment Operator	3	3	3	3	3
Skilled Laborer	7	6	6	6	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
<b>Utility Billing Operations</b>					
Executive Assistant	1	1	1	1	1
Administrative Assistant	1	1	1	1	1
Department Support	0	0	0.1	0.1	0.1
<b>Total FTE</b>	<b>29.0</b>	<b>29.0</b>	<b>29.1</b>	<b>29.1</b>	<b>28.1</b>

<b>Total FT/PT</b>	<b>29 FT / 0 PT</b>	<b>29 FT / 0 PT</b>	<b>29 FT / 1 PT</b>	<b>29 FT / 1 PT</b>	<b>28 FT / 1 PT</b>
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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





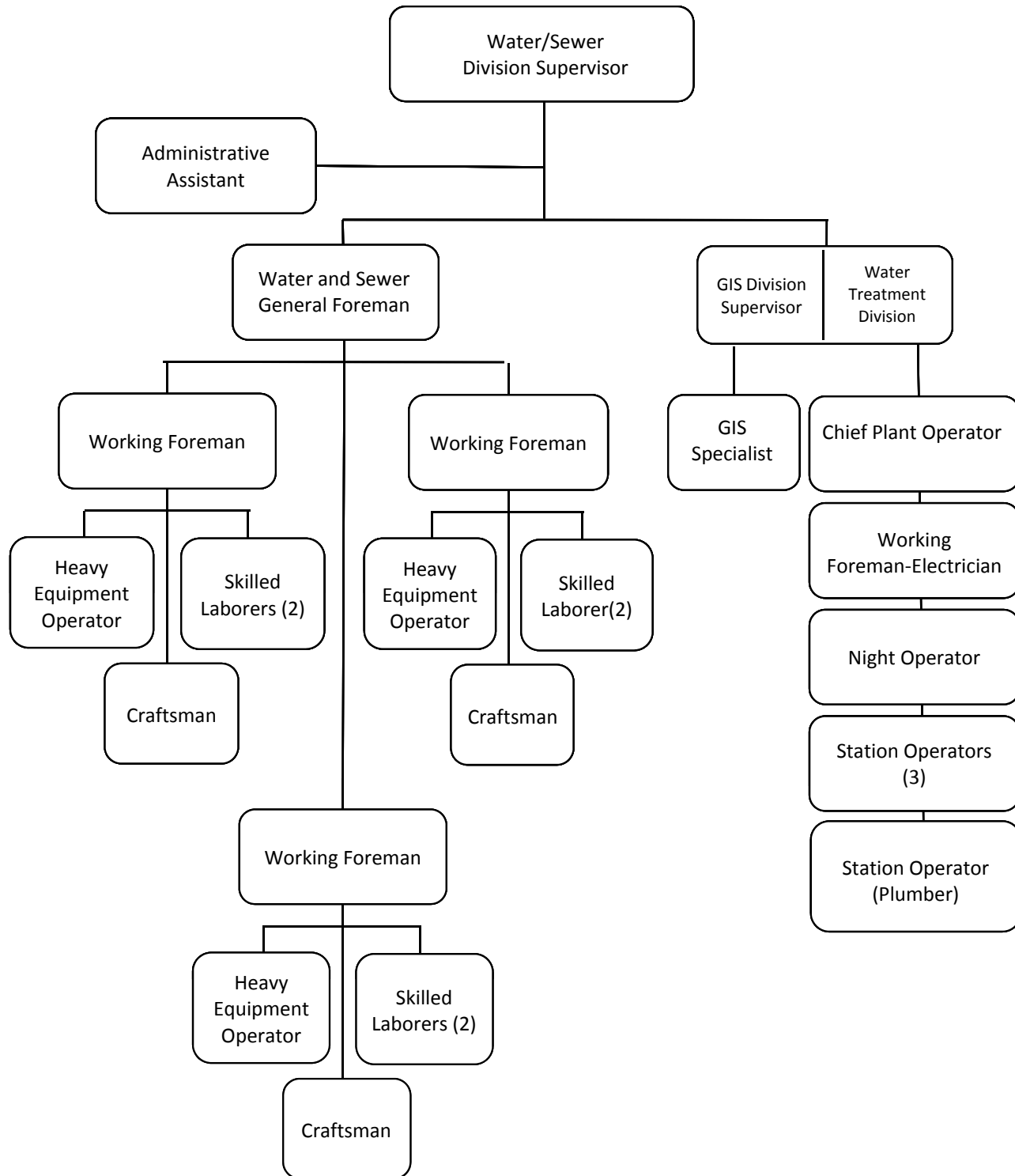
# Town of Natick

Home of Champions

Department: Water & Sewer Operations

Enterprise Fund

## Organizational Chart



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



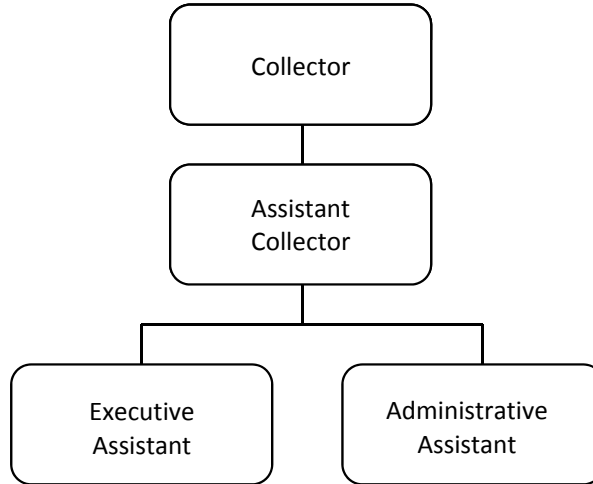
# Town of Natick

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

	2007 Actual	2008 Actual	2009 Appropriated	2010 Appropriated	2009 vs. 2010	
					\$	%
Salaries Supervisory	103,186	110,886	116,917	119,118	2,201	1.9%
Salaries Operational Staff	387,382	397,258	443,408	410,127	-33,281	-7.5%
Salaries Temp Oper. - Police Details	6,566	6,987	5,000	5,200	200	4.0%
Supervisory Additional Comp	10,050	11,400	12,550	15,700	3,150	25.1%
Operational Staff Additional Comp	24,266	24,292	31,485	31,485	0	0.0%
Operational Staff Overtime	58,504	40,918	56,162	57,500	1,338	2.4%
<b>Personnel Services</b>	<b>589,954</b>	<b>591,741</b>	<b>665,522</b>	<b>639,130</b>	<b>-26,392</b>	<b>-4.0%</b>
Repairs & Maint. Equipment	1,194	2,705	2,000	3,000	1,000	50.0%
Repairs & Maint. Other	3,000	2,973	3,000	3,000	0	0.0%
Utilities Electric	83,617	91,007	137,000	137,000	0	0.0%
<b>Purchase of Services</b>	<b>87,811</b>	<b>96,685</b>	<b>142,000</b>	<b>143,000</b>	<b>1,000</b>	<b>0.7%</b>
Licenses - CDL & Special	450	420	1,000	2,000	1,000	100.0%
Clothing Allowance Operational Staff	3,150	3,150	3,500	3,500	0	0.0%
<b>Other Services Inc.</b>	<b>3,600</b>	<b>3,570</b>	<b>4,500</b>	<b>5,500</b>	<b>1,000</b>	<b>22.2%</b>
Tech & Prof Svs & MWRA Sulfide Testing	7,021	17,230	10,000	15,000	5,000	50.0%
<b>Tech/ Prof. Services</b>	<b>7,021</b>	<b>17,230</b>	<b>10,000</b>	<b>15,000</b>	<b>5,000</b>	<b>50.0%</b>
Repairs & Maint. Misc. Constr.	3,954	3,965	4,000	4,000	0	0.0%
<b>Supplies</b>	<b>3,954</b>	<b>3,965</b>	<b>4,000</b>	<b>4,000</b>	<b>0</b>	<b>0.0%</b>
Sewer Pump Station/Line Maintenance	118,022	36,944	50,000	50,000	0	0.0%
MWRA Sewer Assessment	4,065,734	3,993,641	4,052,855	4,356,819	303,964	7.5%
Water/Sewer Damage Claims	0	0	5,000	5,000	0	0.0%
<b>Other Chgs. / Exp.</b>	<b>4,183,756</b>	<b>4,030,585</b>	<b>4,107,855</b>	<b>4,411,819</b>	<b>303,964</b>	<b>7.4%</b>
<b>Total Operating Expenses</b>	<b>4,876,097</b>	<b>4,743,775</b>	<b>4,933,877</b>	<b>5,218,449</b>	<b>284,572</b>	<b>5.8%</b>

## Water Operations

	2007 Actual	2008 Actual	2009 Appropriated	2010 Appropriated	2009 vs. 2010	
					\$	%
Salaries Supervisory	178,203	189,274	198,002	203,392	5,390	2.7%
Salaries Operational Staff	552,989	573,464	581,853	582,799	946	0.2%
Salaries Temp Operational	21,215	17,799	20,000	20,500	500	2.5%
Supervisory Additional Comp	17,450	20,608	26,050	26,050	0	0.0%
Operational Staff Additional Comp	23,502	23,198	32,650	32,650	0	0.0%
Operational Staff Overtime	51,439	29,606	43,700	44,800	1,100	2.5%
<b>Personnel Services</b>	<b>844,798</b>	<b>853,948</b>	<b>902,255</b>	<b>910,191</b>	<b>7,936</b>	<b>0.9%</b>
Repairs & Maint. Software	9,602	11,600	10,000	15,000	5,000	50.0%
Utilities	381,631	416,393	551,000	570,000	19,000	3.4%
GIS Software & Training	25,476	27,638	25,500	25,500	0	0.0%
Copy/Mail Center Fees	11,038	11,407	12,000	18,000	6,000	50.0%
Purchased Services: Miscellaneous	9,262	11,274	10,000	12,000	2,000	20.0%
<b>Purchase of Services</b>	<b>437,009</b>	<b>478,312</b>	<b>608,500</b>	<b>640,500</b>	<b>32,000</b>	<b>5.3%</b>
Licenses - CDL & Special	3,299	4,990	5,600	6,000	400	7.1%
Clothing Allowance Operational Staff	4,200	4,200	4,200	4,200	0	0.0%
<b>Other Services Inc.</b>	<b>7,499</b>	<b>9,190</b>	<b>9,800</b>	<b>10,200</b>	<b>400</b>	<b>4.1%</b>
Implement SDWA Amendment	19,831	18,418	20,000	20,000	0	0.0%
Water Testing	21,225	19,460	20,000	25,000	5,000	25.0%
<b>Tech./Prof. Services</b>	<b>41,056</b>	<b>37,878</b>	<b>40,000</b>	<b>45,000</b>	<b>5,000</b>	<b>12.5%</b>
Repairs & Maint - Equipment	2,951	2,961	3,000	3,000	0	0.0%
Repairs & Maint - Facilities	1,887	2,000	2,000	2,000	0	0.0%



# Town of Natick

Home of Champions

Department: Water & Sewer			Enterprise Fund			
Repairs & Maint - Hydrants	10,000	9,990	10,000	10,000	0	0.0%
Repairs & Maint - Misc. Repairs	17,545	18,979	18,000	18,000	0	0.0%
Repairs & Maint - Misc. Constr	19,605	17,850	18,000	18,000	0	0.0%
<b>Supplies</b>	<b>51,988</b>	<b>51,779</b>	<b>51,000</b>	<b>51,000</b>	<b>0</b>	<b>0.0%</b>
Chemical Supplies	84,858	104,863	100,000	120,000	20,000	20.0%
Obsolete Meters	20,269	21,139	20,000	30,000	10,000	50.0%
Service Connections	12,988	12,968	13,000	15,000	2,000	15.4%
<b>Other Supplies</b>	<b>118,115</b>	<b>138,969</b>	<b>133,000</b>	<b>165,000</b>	<b>32,000</b>	<b>24.1%</b>
Water Well/Water Line Maint.	77,562	45,442	150,000	150,000	0	0.0%
New Hydrant Installation	13,072	10,000	10,000	10,000	0	0.0%
Asphalt Crushing	9,800	8,983	9,000	15,000	6,000	66.7%
Legal Services - Litigation	118,843	365	-			
DEP Assessment	10,216	12,742	14,000	14,000	0	0.0%
MWRA Discharge Permit	2,073	2,073	2,500	2,500	0	0.0%
<b>Other Charges/Expenditures</b>	<b>231,567</b>	<b>79,605</b>	<b>185,500</b>	<b>191,500</b>	<b>6,000</b>	<b>3.2%</b>
<b>Total Operating Expenses</b>	<b>1,732,031</b>	<b>1,649,681</b>	<b>1,930,055</b>	<b>2,013,391</b>	<b>83,336</b>	<b>4.3%</b>

## Utility Billing

	2007	2008	2009	2010	2009 vs. 2010	
	Actual	Actual	Appropriated	Appropriated	\$	%
Salaries Operational Staff	83,129	87,044	89,408	91,215	1,807	2.0%
Part-Time Operational Staff	-	-	4,808	4,896	88	1.8%
Operational Staff - Additional Comp	-	-	346	471	125	36.1%
Operational Staff Overtime	165	605	2,000	2,000	0	0.0%
<b>Personnel Services</b>	<b>83,294</b>	<b>87,649</b>	<b>96,562</b>	<b>98,582</b>	<b>2,020</b>	<b>2.1%</b>
Repair & Maint Equipment	378	4,969	4,000	4,000	0	0.0%
In State Travel/Meetings	-	500	500	500	0	0.0%
Training & Education	2,400	2,500	2,500	2,500	0	0.0%
Communication Telephone	904	1,363	1,500	1,500	0	0.0%
Communication Postage	18,444	17,098	20,000	20,000	0	0.0%
Collection Activities	160	17,911	10,000	10,000	0	0.0%
Copy/Mail Center Fees	34,121	38,775	33,000	33,000	0	0.0%
<b>Purchase of Services</b>	<b>56,406</b>	<b>83,116</b>	<b>71,500</b>	<b>71,500</b>	<b>0</b>	<b>0.0%</b>
Audit Water/Sewer	13,000	-	-	0	0	#DIV/0!
Professional Serv. Misc.		14,000		0	0	#DIV/0!
Water / Sewer Rate Study	-	-	-	0	0	#DIV/0!
Utility Billing Software	8,459	5,000	15,000	15,000	0	0.0%
Utility Billing Printing	44,033	37,317	30,200	30,200	0	0.0%
<b>Tech/Prof. Services</b>	<b>65,492</b>	<b>56,317</b>	<b>45,200</b>	<b>45,200</b>	<b>0</b>	<b>0.0%</b>
Office Supplies	3,632	4,034	4,000	4,000	0	0.0%
<b>Supplies</b>	<b>3,632</b>	<b>4,034</b>	<b>4,000</b>	<b>4,000</b>	<b>0</b>	<b>0.0%</b>
<b>Total Utility Billing</b>	<b>208,824</b>	<b>231,116</b>	<b>217,262</b>	<b>219,282</b>	<b>2,020</b>	<b>0.9%</b>

## Employee Benefits

	2007	2008	2009	2010	2009 vs. 2010	
	Actual	Actual	Appropriated	Appropriated	\$	%
FICA {Medicare}	14,123	14,991	13,750	19,200	5,450	39.6%
Insurance Group Health & Life	362,932	358,455	407,532	376,362	-31,170	-7.6%
LIUNA Pension	31,343	36,888	37,018	40,489	3,471	9.4%



# Town of Natick

Home of Champions

Department: Water & Sewer				Enterprise Fund		
<b>Other Personnel Services</b>	<b>408,398</b>	<b>410,333</b>	<b>458,300</b>	<b>436,051</b>	<b>-22,249</b>	<b>-4.9%</b>
Funding Schedule (22 Year) (W&S)	184,946	194,483	203,235	171,725	-31,510	-15.5%
<b>Other Charges &amp; Expenditures</b>	<b>184,946</b>	<b>194,483</b>	<b>203,235</b>	<b>171,725</b>	<b>-31,510</b>	<b>-15.5%</b>
<b>Total Employee Benefits</b>	<b>593,344</b>	<b>604,816</b>	<b>661,535</b>	<b>607,776</b>	<b>-53,759</b>	<b>-8.1%</b>

Water & Sewer Debt Service						
	2007 Actual	2008 Actual	2009 Appropriated	2010 Appropriated	2009 vs. 2010	
					\$	%
1992 Elm Bank * Refunded (2003)	160,000	155,000	155,000	150,000	-5,000	-3.2%
1997 Water Treatment Plant* Refunded (2008)	25,000	25,000	25,000	30,000	5,000	20.0%
1998 Water Treatment Plant	63,000	63,000	63,000	62,000	-1,000	-1.6%
1999 Waterline Lakeshore Road	25,000	25,000	25,000	25,000	0	0.0%
2000 Waterline Lakeshore Rd	30,000	30,000	30,000	25,000	-5,000	-16.7%
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	202,105	202,401	210,015	215,720	5,705	2.7%
2005 Water Meters	35,000	35,000	35,000	35,000	0	0.0%
<b>Water Principal Sub-Totals</b>	<b>930,105</b>	<b>925,401</b>	<b>933,015</b>	<b>932,720</b>	<b>-295</b>	<b>0.0%</b>
1998 Sewer-Pleasant/Rockwood/Scardsdale	11,000	11,000	11,000	12,000	1,000	9.1%
1999 Sewers-Eliot/Union/Pleasant & Others	40,000	40,000	40,000	40,000	0	0.0%
1999 Sewer Union Street	35,000	35,000	30,000	30,000	0	0.0%
2000 Boden Lane Pump Sta	50,000	50,000	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	25,000	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	67,650	0	0.0%
2006 Sewer-Speen/Park	-	105,000	105,000	105,000	0	0.0%
<b>Sewer Principal Service Sub-Totals</b>	<b>318,630</b>	<b>388,650</b>	<b>373,650</b>	<b>374,650</b>	<b>1,000</b>	<b>0.3%</b>
Phase V Water Relining	-	-	300,000	300,000	0	0.0%
Estimated Final Phase V Water Relining	-	-	-	140,000	140,000	#DIV/0!
2008 Capital Equipment	-	-	23,000	30,000	7,000	30.4%
<b>Paydowns on Pending Issues Sub-Totals</b>	<b>-</b>	<b>-</b>	<b>323,000</b>	<b>470,000</b>	<b>147,000</b>	<b>45.5%</b>
<b>Principal Totals</b>	<b>1,248,735</b>	<b>1,314,051</b>	<b>1,629,665</b>	<b>1,777,370</b>	<b>147,705</b>	<b>9.1%</b>
1992 Elm Bank	33,175	29,438	24,400	19,050	-5,350	-21.9%
1997 Water Treatment Plant	14,794	13,531	12,232	6,500	-5,732	-46.9%
1998 Water Treatment Plant	36,481	33,819	30,905	27,780	-3,125	-10.1%
1999 Water Line Lakeshore	16,713	15,600	14,463	13,300	-1,163	-8.0%
2000 Waterline Lakeshore Road	19,231	17,769	16,307	14,950	-1,357	-8.3%
2002 Water Meters	45,990	38,790	31,410	23,760	-7,650	-24.4%
2002 Water Mains No Main/Pine/North Ave	35,770	30,170	24,430	18,480	-5,950	-24.4%
2002 Water Mains Bacon/No Main Sts	17,885	15,085	12,215	9,240	-2,975	-24.4%
2003 Water Treatment Plant MWPAT Trust	145,890	131,688	124,072	118,366	-5,706	-4.6%
2004 Water Meters	10,063	9,188	7,963	6,913	-1,051	-13.2%
<b>Interest on Debt Water Sub-Totals</b>	<b>375,990</b>	<b>335,077</b>	<b>298,397</b>	<b>258,338</b>	<b>-40,059</b>	<b>-13.4%</b>
1998 Sewer-Pleasant/Rockwood/Scardsdale	7,119	6,654	6,145	5,570	-575	-9.4%
1999 Sewers-Eliot/Union/Pleasant & Others	24,198	22,418	20,598	18,738	-1,861	-9.0%
1999 Sewer Union Street	19,088	17,530	16,053	14,658	-1,396	-8.7%
2000 Sewer Boden Lane Sta	11,423	8,930	8,029	27,670	19,641	244.6%
2000 Sewer Water,River, Lincoln, Cohn St	29,832	27,693	24,086		-24,086	-100.0%
2002 Sewer Lakeshore Rd	15,435	14,435	13,410	12,560	-850	-6.3%
2002 Sewer Leach Lane	7,515	7,115	6,705	6,280	-425	-6.3%
2006 Sewer-Speen/Park	-	127,181	79,275	74,681	-4,594	-5.8%



# Town of Natick

Home of Champions

Department: Water & Sewer				Enterprise Fund		
<b>Interest on Debt Sewer Sub-Totals</b>	<b>114,608</b>	<b>231,956</b>	<b>174,301</b>	<b>160,156</b>	<b>-14,145</b>	<b>-8.1%</b>
Phase V Water Relining	-	-	135,000	111,375	-23,625	-17.5%
Estimated Final Phase V Water Relining		-	-	56,000	56,000	#DIV/0!
2008 Capital Equipment	-	-	7,200	5,813	-1,388	-19.3%
<b>Paydowns on Pending Issues Totals</b>	<b>-</b>	<b>-</b>	<b>142,200</b>	<b>173,188</b>	<b>30,988</b>	<b>21.8%</b>
Bond Anticipation Notes	7,752	7,309	20,000	46,000	26,000	130.0%
<b>Total Interest</b>	<b>498,350</b>	<b>574,341</b>	<b>634,898</b>	<b>637,682</b>	<b>2,784</b>	<b>0.4%</b>
<b>Total Water &amp; Service Debt Service</b>	<b>1,747,085</b>	<b>1,888,392</b>	<b>2,264,563</b>	<b>2,415,052</b>	<b>150,489</b>	<b>6.6%</b>
<b>Reserve Fund</b>						
	<b>2007 Actual</b>	<b>2008 Actual</b>	<b>2009 Appropriated</b>	<b>2010 Appropriated</b>	<b>2009 vs. 2010 \$ %</b>	
Reserve Fund	-	-	200,000	200,000	0	0.0%
<b>Total Reserve Fund</b>	<b>-</b>	<b>-</b>	<b>200,000</b>	<b>200,000</b>	<b>0</b>	<b>0.0%</b>



# 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.

**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. This 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 \$1,777,370 represents repayment of principal for multiple water and sewer capital improvement projects.

#### **Interest Payments:**

The requested budget amount of \$637,682 represents the respective interest payments associated with general obligation bonds issued for water and sewer projects. Of that amount, \$46,000 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.



# Town of Natick

Home of Champions

Department: Water/Sewer Debt Service - Principal

Enterprise Fund

Year of Issue	Project	Amount Issued	2009	2010	2011	2012	2013	2014	2015	Issue	Total
			Principal	Principal	Principal	Principal	Principal	Principal	Principal	Balance	Principal
1998	Water Treatment Plant	\$ 1,175,000	\$ 63,000	\$ 62,000	\$ 62,000	\$ 62,000	\$ 62,000	\$ 62,000	\$ 52,000	\$ 243,000	\$ 605,000
1998	Sewer (Pleasant, Rockwood, etc.)	\$ 285,000	\$ 11,000	\$ 12,000	\$ 12,000	\$ 12,000	\$ 12,000	\$ 12,000	\$ 12,000	\$ 49,000	\$ 121,000
1999	Sewer (Pleasant, Eliot, Union, etc.)	\$ 750,000	\$ 40,000	\$ 40,000	\$ 35,000	\$ 35,000	\$ 35,000	\$ 35,000	\$ 35,000	\$ 175,000	\$ 390,000
1999	Sewer (Union St)	\$ 615,000	\$ 30,000	\$ 30,000	\$ 30,000	\$ 30,000	\$ 30,000	\$ 30,000	\$ 30,000	\$ 125,000	\$ 305,000
1999	Water (Lakeshore Dr)	\$ 500,000	\$ 25,000	\$ 25,000	\$ 25,000	\$ 25,000	\$ 25,000	\$ 25,000	\$ 25,000	\$ 125,000	\$ 275,000
2000	Water (Lakeshore Dr)	\$ 540,000	\$ 30,000	\$ 25,000	\$ 25,000	\$ 25,000	\$ 25,000	\$ 25,000	\$ 25,000	\$ 150,000	\$ 300,000
2000	Sewer (Boden Ln & Water, Lincoln, etc.)	\$ 1,335,000	\$ 90,000	\$ 90,000	\$ 90,000	\$ 40,000	\$ 40,000	\$ 40,000	\$ 40,000	\$ 240,000	\$ 580,000
2002	Water Meters	\$ 1,800,000	\$ 180,000	\$ 180,000	\$ 180,000	\$ 180,000	\$ -	\$ -	\$ -	\$ -	\$ 540,000
2002	Water Relining	\$ 700,000	\$ 70,000	\$ 70,000	\$ 70,000	\$ 70,000	\$ -	\$ -	\$ -	\$ -	\$ 210,000
2002	Water Relining	\$ 1,420,000	\$ 140,000	\$ 140,000	\$ 140,000	\$ 140,000	\$ -	\$ -	\$ -	\$ -	\$ 420,000
2002	Sewer (Lakeshore Rd)	\$ 430,000	\$ 20,000	\$ 20,000	\$ 20,000	\$ 20,000	\$ 20,000	\$ 20,000	\$ 20,000	\$ 140,000	\$ 260,000
2002	Sewer (Leach Ln)	\$ 210,000	\$ 10,000	\$ 10,000	\$ 10,000	\$ 10,000	\$ 10,000	\$ 10,000	\$ 10,000	\$ 70,000	\$ 130,000
2003	Water Elm Bank *Refunded	\$ 1,375,000	\$ 155,000	\$ 150,000	\$ 145,000	\$ 140,000	\$ 135,000	\$ -	\$ -	\$ -	\$ 570,000
2004	Water Meters	\$ 350,000	\$ 35,000	\$ 35,000	\$ 35,000	\$ 35,000	\$ 35,000	\$ 35,000	\$ -	\$ -	\$ 175,000
2005	Sewer I&I (MWRA)	\$ 338,250	\$ 67,650	\$ 67,650	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 67,650
2006	Sewer (Speen St, Park Ave)	\$ 2,100,000	\$ 105,000	\$ 105,000	\$ 105,000	\$ 105,000	\$ 105,000	\$ 105,000	\$ 105,000	\$ 1,260,000	\$ 1,890,000
2007	Water Treatment (MWPAT) *Refunded	\$ 4,884,838	\$ 210,014	\$ 215,720	\$ 221,640	\$ 227,662	\$ 233,911	\$ 243,023	\$ 250,438	\$ 3,022,977	\$ 4,415,370
2008	Water Treatment Plant *Refunded	\$ 225,925	\$ 30,925	\$ 30,000	\$ 30,000	\$ 30,000	\$ 30,000	\$ 25,000	\$ 20,000	\$ 30,000	\$ 195,000
2009	Water Relining	\$ 3,000,000	\$ 300,000	\$ 300,000	\$ 300,000	\$ 300,000	\$ 300,000	\$ 300,000	\$ 300,000	\$ 900,000	\$ 2,700,000
2009	Equipment W-9 Backhoe	\$ 90,000	\$ 10,000	\$ 10,000	\$ 10,000	\$ 10,000	\$ 10,000	\$ 10,000	\$ 10,000	\$ 20,000	\$ 80,000
2009	Equipment W-29 Dump Truck	\$ 70,000	\$ 20,000	\$ 20,000	\$ 15,000	\$ 15,000	\$ -	\$ -	\$ -	\$ -	\$ 50,000
	Estimated Final Phase V	\$ 1,400,000	\$ -	\$ 140,000	\$ 140,000	\$ 140,000	\$ 140,000	\$ 140,000	\$ 140,000	\$ 560,000	\$ 1,400,000
		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
	<b>Water and Sewer Enterprise Principa</b>	<b>\$ 23,594,013</b>	<b>\$ 1,642,589</b>	<b>\$ 1,777,370</b>	<b>\$ 1,700,640</b>	<b>\$ 1,651,662</b>	<b>\$ 1,247,911</b>	<b>\$ 1,117,023</b>	<b>\$ 1,074,438</b>	<b>\$ 7,109,977</b>	<b>\$ 15,679,020</b>
	<b>Total Balance Remaining</b>			<b>\$ 15,679,020</b>	<b>\$ 13,901,650</b>	<b>\$ 12,201,010</b>	<b>\$ 10,549,348</b>	<b>\$ 9,301,438</b>	<b>\$ 8,184,414</b>	<b>\$ 7,109,977</b>	<b>\$ -</b>



# Town of Natick

Home of Champions

**Department: Water/Sewer Debt Service - Interest** **Enterprise Fund**

Year of Issue	Project	2009		2010		2011		2012		2013		2014		2015		Issue	Total
		Amount Issued	Interest	Interest	Interest	Interest	Interest	Interest	Interest	Interest	Interest	Interest	Balance	Interest			
1998	Water Treatment Plant	\$ 1,175,000	\$ 30,905	\$ 27,780	\$ 24,835	\$ 22,014	\$ 19,131	\$ 16,186	\$ 13,424	\$ 25,675	\$ 149,045						
1998	Sewer (Pleasant, Rockwood, etc.)	\$ 285,000	\$ 6,145	\$ 5,570	\$ 5,000	\$ 4,454	\$ 3,896	\$ 3,326	\$ 2,744	\$ 4,975	\$ 29,965						
1999	Sewer (Pleasant, Eliot, Union, etc.)	\$ 750,000	\$ 20,598	\$ 18,738	\$ 16,958	\$ 15,264	\$ 13,536	\$ 11,786	\$ 10,014	\$ 22,881	\$ 109,178						
1999	Sewer (Union St)	\$ 615,000	\$ 16,053	\$ 14,658	\$ 13,233	\$ 11,781	\$ 10,300	\$ 8,800	\$ 7,281	\$ 16,344	\$ 82,396						
1999	Water (Lakeshore Dr)	\$ 500,000	\$ 14,463	\$ 13,300	\$ 12,113	\$ 10,903	\$ 9,669	\$ 8,419	\$ 7,153	\$ 16,344	\$ 77,900						
2000	Water (Lakeshore Dr)	\$ 540,000	\$ 16,306	\$ 14,950	\$ 13,700	\$ 12,450	\$ 11,200	\$ 9,938	\$ 8,650	\$ 24,119	\$ 95,006						
2000	Sewer (Boden Ln & Water, Lincoln, etc)	\$ 1,335,000	\$ 32,114	\$ 27,670	\$ 23,170	\$ 19,920	\$ 17,920	\$ 15,900	\$ 13,840	\$ 38,590	\$ 157,010						
2002	Water Meters	\$ 1,800,000	\$ 31,410	\$ 23,760	\$ 16,020	\$ 8,100	\$ -	\$ -	\$ -	\$ -	\$ 47,880						
2002	Water Relining	\$ 700,000	\$ 12,215	\$ 9,240	\$ 6,230	\$ 3,150	\$ -	\$ -	\$ -	\$ -	\$ 18,620						
2002	Water Relining	\$ 1,420,000	\$ 24,430	\$ 18,480	\$ 12,460	\$ 6,300	\$ -	\$ -	\$ -	\$ -	\$ 37,240						
2002	Sewer (Lakeshore Rd)	\$ 430,000	\$ 13,410	\$ 12,560	\$ 11,700	\$ 10,820	\$ 9,920	\$ 9,000	\$ 8,040	\$ 28,260	\$ 90,300						
2002	Sewer (Leach Ln)	\$ 210,000	\$ 6,705	\$ 6,280	\$ 5,850	\$ 5,410	\$ 4,960	\$ 4,500	\$ 4,020	\$ 14,130	\$ 45,150						
2003	Water Elm Bank *Refunded	\$ 1,375,000	\$ 24,400	\$ 19,050	\$ 13,900	\$ 8,200	\$ 2,700	\$ -	\$ -	\$ -	\$ 43,850						
2004	Water Meters	\$ 350,000	\$ 7,963	\$ 6,913	\$ 5,600	\$ 4,200	\$ 2,800	\$ 1,400	\$ -	\$ -	\$ 20,913						
2005	Sewer I&I (MWRA)	\$ 338,250	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -						
2006	Sewer (Speen St, Park Ave)	\$ 2,100,000	\$ 79,275	\$ 74,681	\$ 70,350	\$ 66,150	\$ 62,081	\$ 58,144	\$ 54,206	\$ 312,506	\$ 698,119						
2007	Water Treatment (MWPAT) *Refunded	\$ 4,884,838	\$ 124,071	\$ 118,366	\$ 112,446	\$ 106,425	\$ 100,177	\$ 91,065	\$ 83,651	\$ 293,499	\$ 905,629						
2008	Water Treatment Plant *Refunded	\$ 225,925	\$ 8,756	\$ 6,500	\$ 5,525	\$ 4,550	\$ 3,575	\$ 2,600	\$ 1,788	\$ 1,650	\$ 26,188						
2009	Water Relining	\$ 3,000,000	\$ 61,688	\$ 111,375	\$ 96,375	\$ 81,375	\$ 66,375	\$ 56,250	\$ 45,750	\$ 70,500	\$ 528,000						
2009	Equipment W-9 Backhoe	\$ 90,000	\$ 1,856	\$ 3,313	\$ 2,813	\$ 2,313	\$ 1,813	\$ 1,475	\$ 1,125	\$ 1,150	\$ 14,000						
2009	Equipment W-29 Dump Truck	\$ 70,000	\$ 1,650	\$ 2,500	\$ 1,500	\$ 750	\$ -	\$ -	\$ -	\$ -	\$ 4,750						
	Estimated Final Phase V	\$ 1,400,000	\$ -	\$ 56,000	\$ 50,400	\$ 44,800	\$ 39,200	\$ 33,600	\$ 28,000	\$ 56,000	\$ 308,000						
	BANs and Issue Costs	\$ -	\$ 20,000	\$ 46,000	\$ 20,000	\$ 20,000	\$ 20,000	\$ 20,000	\$ 20,000	\$ -	\$ 146,000						
		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -						
<b>Water and Sewer Enterprise - Intr</b>		<b>\$ 23,594,013</b>	<b>\$ 554,411</b>	<b>\$ 637,682</b>	<b>\$ 540,176</b>	<b>\$ 469,329</b>	<b>\$ 399,253</b>	<b>\$ 352,388</b>	<b>\$ 309,687</b>	<b>\$ 926,623</b>	<b>\$ 3,635,137</b>						

<b>Total Balance Remaining</b>	<b>\$ 3,635,137</b>	<b>\$ 2,997,455</b>	<b>\$ 2,457,279</b>	<b>\$ 1,987,950</b>	<b>\$ 1,588,698</b>	<b>\$ 1,236,310</b>	<b>\$ 926,623</b>	<b>\$ -</b>
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Summary of Debt									
	Fiscal Year 2009	Fiscal Year 2010	Fiscal Year 2011	Fiscal Year 2012	Fiscal Year 2013	Fiscal Year 2014	Fiscal Year 2015	Issue	Total
Principal	\$ -	\$ 1,777,370	\$ 1,700,640	\$ 1,651,662	\$ 1,247,911	\$ 1,117,023	\$ 1,074,438	\$ 7,109,977	\$ 15,679,020
Interest	\$ -	\$ 637,682	\$ 540,176	\$ 469,329	\$ 399,253	\$ 352,388	\$ 309,687	\$ 926,623	\$ 3,635,137
<b>Total</b>	<b>\$ -</b>	<b>\$ 2,415,052</b>	<b>\$ 2,240,816</b>	<b>\$ 2,120,991</b>	<b>\$ 1,647,163</b>	<b>\$ 1,469,411</b>	<b>\$ 1,384,124</b>	<b>\$ 8,036,600</b>	<b>\$ 19,314,158</b>
<b>Total Balance Remaining</b>		<b>\$ 18,094,073</b>	<b>\$ 16,142,467</b>	<b>\$ 14,322,001</b>	<b>\$ 12,196,511</b>	<b>\$ 10,770,849</b>	<b>\$ 9,568,539</b>	<b>\$ 15,146,577</b>	<b>\$ -</b>

**Analysis of Projected FY 2010  
Insurance Appropriation**

Based on February 2009 Enrollment with February 2009 rates as set by West Suburban Health Group

Active Employees								Retirees			
Active Employees Plans:								Senior Plans:			
HEALTH PLANS:		Individual		Family		Total Cost		HEALTH PLANS:		Individual	
	Total	Town Share	Total	Town Share	Total	Town Share	Total Cost	Total	Town Share	Total	
	\$	%	\$	%	\$	%	\$	\$	%	\$	
<b>Network Blue</b>											
Monthly Rates (Regular Members)	651.00	86.38%	562.33	1,747.00	77.30%	1,350.43					
Participants			2			2					
<b>Annual Total</b>			<b>\$13,496</b>			<b>\$32,410</b>	<b>\$</b>	<b>45,906</b>			
<b>Harvard/Pilgrim PPO</b>											
Monthly Rates (Regular Members)	1,206.00	50.00%	603.00	2,680.00	50.00%	1,340.00					
Participants			1			0					
<b>Annual Total</b>			<b>\$7,236</b>			<b>\$0</b>	<b>\$</b>	<b>7,236</b>			
<b>Harvard/Pilgrim EPO</b>											
Monthly Rates (Regular Members)	605.00	84.96%	514.01	1,577.00	76.71%	1,209.72					
Participants Includes 25 N/H)			5			8					
<b>Annual Total</b>			<b>\$30,840</b>			<b>\$116,133</b>	<b>\$</b>	<b>146,973</b>			
<b>Tufts POS</b>											
Monthly Rates (Regular Members)	1,206.00	50.00%	603.00	2,680.00	50.00%	1,340.00					
Participants			0			0					
<b>Annual Total</b>			<b>\$0</b>			<b>\$0</b>	<b>\$</b>	<b>-</b>			
<b>Tufts EPO</b>											
Monthly Rates (Regular Members)	620.00	88.73%	550.13	1,622.00	77.75%	1,261.11					
Participants			4			8					
<b>Annual Total</b>			<b>\$26,406</b>			<b>\$121,066</b>	<b>\$</b>	<b>147,472</b>			
<b>Fallon Group Select Care</b>											
Monthly Rates (Regular Members)	535.00	90.00%	481.50	1,442.00	80.00%	1,153.60					
Participants			0			0					
<b>Annual Total</b>			<b>\$0</b>			<b>\$0</b>	<b>\$</b>	<b>-</b>			
<b>Fallon Group Direct Care</b>											
Monthly Rates (Regular Members)	496.00	90.00%	446.40	1,341.00	80.00%	1,072.80					
Participants			0			0					
<b>Annual Total</b>			<b>\$0</b>			<b>\$0</b>	<b>\$</b>	<b>-</b>			
<b>RATE SAVER EPO PLANS:</b>											
<b>Blue Choice</b>											
Monthly Rates (Regular Members)	537.00	86.38%	463.86	1,441.00	76.71%	1,105.39					
Participants Includes 25 N/H)			0			0					
<b>Annual Total</b>			<b>\$0</b>			<b>\$0</b>	<b>\$</b>	<b>-</b>			
<b>Fallon Group Direct Care</b>											
Monthly Rates (Regular Members)	423.00	90.00%	380.70	1,140.00	80.00%	912.00					
Participants			0			0					
<b>Annual Total</b>			<b>\$0</b>			<b>\$0</b>	<b>\$</b>	<b>-</b>			
<b>Fallon Group Select Care</b>											
Monthly Rates (Regular Members)	455.00	90.00%	409.50	1,226.00	80.00%	980.80					
Participants			0			0					
<b>Annual Total</b>			<b>\$0</b>			<b>\$0</b>	<b>\$</b>	<b>-</b>			
<b>Harvard/Pilgrim</b>											
Monthly Rates (Regular Members)	514.00	84.96%	436.69	1,341.00	76.71%	1,028.68					
Participants			0			0					
<b>Annual Total</b>			<b>\$0</b>			<b>\$0</b>	<b>\$</b>	<b>-</b>			
<b>Tufts Navigator</b>											
Monthly Rates (Regular Members)	526.00	88.73%	466.72	1,379.00	77.75%	1,072.17					
Participants			0			0					
<b>Annual Total</b>			<b>\$0</b>			<b>\$0</b>	<b>\$</b>	<b>-</b>			
<b>ITT Hartford Life</b>											
Monthly Rate			4.20								
Participants (All)			30								
<b>Annual Total</b>			<b>\$1,512</b>				<b>\$</b>	<b>1,512</b>			
<b>Premium Cost Summary</b>											
WSHG Active Health Plans								\$		347,588	
WSHG Retiree Health Plans								\$		21,900	
Medicare Reimbursement								\$		5,362	
Life								\$		1,512	
<b>Total Premium</b>								\$		<b>376,362</b>	
Flu Shots								\$		-	
Sentinel Benefits								\$		-	
Cook & Co - Consultants								\$		-	
All other Miscellaneous Items: (Health Fair/Legal Issues, etc.)								\$		-	
<b>Total Appropriation Needed</b>								<b>\$</b>		<b>376,362</b>	

Retirees											
Senior Plans:											
HEALTH PLANS:		Total		Town Share		Total Cost		HEALTH PLANS:		Individual	
	Total	Town Share	Total	Town Share	Total	Town Share	Total Cost	Total	Town Share	Total	
	\$	%	\$	%	\$	%	\$	\$	%	\$	
<b>First Seniority*</b>											
Monthly Rates (Senior Care)	223.00	50.00%	111.50								
Monthly Rates (Senior Care)	245.30	50.00%	122.65								
Participants			0								
<b>Total</b>			<b>\$0</b>								
<b>HPHC Medicare Enhancement</b>											
Monthly Rates (Senior Care)	406.00	50.00%	203.00								
Participants			2								
<b>Total</b>			<b>\$4,872</b>								
<b>Fallon Senior Plan *</b>											
Monthly Rates (Senior Care)	207.00	50.00%	103.50								
Monthly Rates (Senior Care)	234.30	50.00%	117.15								
Participants			0								
<b>Total</b>			<b>\$0</b>								
<b>Tufts Medicare Compliment</b>											
Monthly Rates (Senior Care)	339.00	50.00%	169.50								
Participants			2								
<b>Total</b>			<b>\$4,068</b>								
<b>Medex III</b>											
Monthly Rates (Senior Care)	432.00	50.00%	216.00								
Participants			5								
<b>Total</b>			<b>\$12,960</b>								
<b>Tufts Medicare Preferred</b>											
Monthly Rates (Senior Care)	164.00	50.00%	82.00								
Participants			0								
<b>Total</b>			<b>\$0</b>								
<b>Medicare HMO Blue*</b>											
Monthly Rates (Senior Care)	216.20	50.00%	108.10								
Monthly Rates (Senior Care)	245.85	50.00%	122.93								
Participants			0								
<b>Total</b>			<b>\$0</b>								
<b>BCBS Managed Blue for Seniors</b>											
Monthly Rates (Senior Care)	386.39	50.00%	193.20								
Participants			0								
<b>Total</b>			<b>\$0</b>								
<b>Medicare Reimbursement *</b>											
Monthly Rate (Jul-Dec)	96.40	50.00%	48.20								
Monthly Rate (Jan-Jun) (6%)	102.18	50.00%	51.09								
Participants			9								
<b>Total</b>			<b>\$5,362</b>								

\*Rates Change on 1/1

Enrollments	
Single	Family
12	18
9	0
21	18

as of 3/17/2009



# Town of Natick

Home of Champions

Department: Water & Sewer Operations

Indirect Cost Allocations

PERCENTAGE ALLOCATIONS	PERSONNEL	FRINGE	EXPENSES	TOTAL
DPW ADMINISTRATION	\$ 93,733	\$ 33,416	\$ 11,180	\$ 138,329
BUILDING MAINTENANCE	48,527	17,300	60,080	125,907
ENGINEERING SERVICES	242,464	86,440	35,935	364,839
GIS SERVICES	(46,366)	(16,530)	-	(62,896)
EQUIPMENT MAINTENANCE	203,485	72,544	108,450	384,479
HIGHWAY MAINTENANCE	49,028	17,479	68,238	134,745
PUBLIC SAFETY	227,017	80,933	13,481	321,431
FINANCIAL / ADMINISTRATIVE	298,682	106,482	158,016	563,180
DEBT SERVICE	-	-	80,058	80,058
PROPERTY INSURANCE	-	-	198,460	198,460
ENERGY	-	-	257,884	257,884
<b>SUBTOTAL - GENERAL FUND</b>	<b>1,116,570</b>	<b>398,064</b>	<b>991,782</b>	<b>2,506,416</b>