

**OFFICE OF THE  
TOWN MANAGER**



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**Town of Shrewsbury**  
MASSACHUSETTS 01545-5398

August 1, 2012

To: Board of Selectmen

From: Daniel J. Morgado

Re: Water Rates

It is again necessary for the Board to consider the current rate structure for the water utility. The last time the Board reviewed this matter was in March/April of 2008 when new rates were adopted. I have enclosed memos to the Board dated March 28, 2008, and April 21, 2008, to provide a context in which the rates were adjusted last time.

The current rate structure has generated the following revenue streams and has resulted in the following balances of cash on hand:

Revenue Source	FY 2012	FY 2011	FY 2010
Water Rates	\$2,965,610.88	\$3,177,471.70	\$3,102,281.60
Backflow Inspection Fees	\$16,100.22	\$1,571.49	\$0.00
Connection Fees/Charges	\$235,180.82	\$303,143.12	\$291,214.12
Liens/Penalties & Interest	\$209,617.95	\$172,554.85	\$143,521.74
	\$3,426,509.87	\$3,654,741.16	\$3,537,017.46
Balance Water Conservation	\$171,672.00		
Balance Water System Improvements	\$2,771,023.39		
Balance of Warrant Articles	\$2,686,190.18		
Free Cash Adjustment As Of 7/1/2012	TBD		

Outstanding debt on the water utility is \$836,252 for the new Masonic Water Tank (seven years remaining to be retired in FY 2018) and \$750,000 for Harrington Avenue/Rte 9 that has not yet been permanently issued.

Current Water Department O&M and debt service is running at:

Area	FY 2013 (Budgeted)	FY 2012 (Actual)	FY 2011 (Actual)	FY 2010 (Actual)
Salaries	\$406,752	\$478,006	\$544,089	\$530,381
Expenses	\$718,750	\$642,120	\$541,564	\$495,699
Treatment Plant	\$668,199	\$599,130	\$605,445	\$577,755
Debt Service	\$161,063	\$152,813	\$156,563	\$160,313
Indirect Costs	\$436,588	\$423,399	\$362,028	\$347,674
<b>Total</b>	<b>\$2,391,352</b>	<b>\$2,295,468</b>	<b>\$2,209,689</b>	<b>\$2,111,822</b>

Accordingly, the utility is generating cash for equipment and infrastructure improvements as follows:

Area	FY 2013 (Budgeted)	FY 2012 (Actual)	FY 2011 (Actual)	FY 2010 (Actual)
O&M Cost	\$2,391,352	\$2,295,468	\$2,209,689	\$2,111,822
Revenue	\$3,400,000	\$3,426,510	\$3,654,741	\$3,537,017
Available	\$1,008,648	\$1,131,042	\$1,445,052	\$1,425,195

Our equipment and infrastructure needs over the next few years should be \$1 Million or so for water line work annually with \$500,000 to \$1 Million for one off type projects such as equipment, vehicles, station improvements, engineering studies and design, technology improvements and the like. While no upgrade to the water treatment plant is contemplated, a change in the regulatory environment could mandate additional water treatment processes thus triggering an upgrade to that facility along with increased operational costs.

By example, at the last Annual Town Meeting, the following capital investments were authorized:

Art	Project	Amount	Comment
8	Replace Truck #64	\$40,000	\$40-\$60,000 is spent each year on vehicles & equipment
8	Water Supply Permitting	\$100,000	One-off expense
8	Capital Efficiency Plan	\$60,000	One-off expense
17	Bedrock Wells	\$0	Article for \$350,000 was defeated
18	Water Meter Replacement	\$500,000	Second appropriation to match \$500,000 from 2011
19	Water Line Replacement	\$1,300,000	\$1 Million could be spent each year for the next several years on water lines, wells, stations & treatment plant improvements
<b>Total Capital Investment</b>		<b>\$2,000,000</b>	

In addition to capital needs, operation and maintenance costs will be affected by sharp increases in energy, chemicals and other materials and supplies depending on what happens globally in the way of recession, inflation and/or commodity interruptions and other market distortions.

The four main revenue streams from the rate structure only in FY 2012 generated:

Rate	# of Bills	Consumption	Value	Cost/Thousand
Residential	38,183	557,693,042	\$2,088,837	\$3.75
Commercial	1,957	130,380,510	\$471,717	\$3.62
Condominium	2,018	26,008,572	\$98,683	\$3.79
Apartment	651	98,757,500	\$395,075	\$4.00
	42,809	812,839,624	\$ 3,054,312	

The residential customer is the primary revenue source for the water utility consuming nearly 69% of the water delivered through the meter and paying nearly 69% of the cost.

Residential consumption has fallen off considerably. In the 2003 to 2004 timeframe, the residential rate accounted for 644,306,471 gallons. In FY 2012 the amount that passed through residential meters was 557,693,042 gallons a decrease of 14%.

In studying the distribution of residential rate bills over FY 2012, I have learned the following:

- The median bill has not changed a whole lot with the median quarterly bill being 12,400 gallons.
- The average quarterly bill has come down to 14,580 gallons. In the past, the average bill was in the vicinity of 17,000 gallons.
- The typical residential rate payer remains a predominately low consumption user with 48% of the quarterly bills issued at 12,000 gallons or less. 30% of the water consumed via the residential rate is by less than 12% of our residential customers that purchase more than 23,000 gallons per quarter.

Since the bulk of our customers are grouped at the very low end of the consumption curve, the minimum (base) rate is very important from the cash flow perspective. In addition, reliance on the per thousand rate makes revenue projections very difficult based on the usage fluctuations of our customers.

Accordingly, I suggest that the minimum rate be increased by \$2.00 per quarter (commercial \$3.50) with a \$.20 to \$.45 per thousand usage charge increase on all of the major rate schedules. The apartment and municipal/school rates would remain without a base charge. The special lawn watering rates would be increased by a higher margin. The proposed rate structure is:

Rate	Rate Code	Range	Current	Proposed	Change	
Residential & Condominiums	WATER	Minimum (0 to 5,000 Gallons)	\$19.00	\$21.00	\$2.00	10.53%
	WATCHN	5,001 to 25,000 Gallons/Thousand	\$3.20	\$3.40	\$0.20	6.25%
		25,001 to 50,000 Gallons/Thousand	\$6.00	\$6.30	\$0.30	5.00%
		Over 50,000 Gallons/Thousand	\$7.75	\$8.20	\$0.45	5.81%

Rate	Rate Code	Range	Current	Proposed	Change	
Commercial	WTCM	Minimum (0 to 5,000 Gallons)	\$32.50	\$36.00	\$3.50	10.77%
		5,001 to 50,000 Gallons/Thousand	\$2.50	\$2.80	\$0.30	12.00%
		Over 50,000 Gallons/Thousand	\$3.50	\$3.80	\$0.30	8.57%
Apartments	WATERA	Flat Rate/Thousand	\$4.00	\$4.25	\$0.25	6.25%
Residential Lawns	WATLAW	Minimum	\$19.00	\$21.00	\$2.00	10.53%
		0 to 60,000 Gallons/Thousand	\$5.75	\$6.25	\$0.50	8.70%
		over 60,001 Gallons/Thousand	\$6.00	\$7.00	\$1.00	16.67%
Residential Summer	WATERS	Flat Rate/Thousand				
		Minimum	\$19.00	\$21.00	\$2.00	10.53%
		0 to 60,000 Gallons/Thousand	\$5.75	\$6.25	\$0.50	8.70%
		over 60,001 Gallons/Thousand	\$6.00	\$7.00	\$1.00	16.67%
Apartment Lawns	WATALN	Flat Rate/Thousand				
		Minimum	\$19.00	\$21.00	\$2.00	10.53%
		0 to 60,000 Gallons/Thousand	\$5.75	\$6.25	\$0.50	8.70%
		over 60,001 Gallons/Thousand	\$6.00	\$7.00	\$1.00	16.67%
Commercial Lawns	WATCML	Flat Rate/Thousand				
		Minimum	\$19.00	\$21.00	\$2.00	10.53%
		0 to 60,000 Gallons/Thousand	\$5.75	\$6.25	\$0.50	8.70%
		over 60,001 Gallons/Thousand	\$6.00	\$7.00	\$1.00	16.67%
Condominium Lawns	WATCNL	Flat Rate/Thousand				
		Minimum	\$19.00	\$21.00	\$2.00	10.53%
		0 to 60,000 Gallons/Thousand	\$5.75	\$6.25	\$0.50	8.70%
		over 60,001 Gallons/Thousand	\$6.00	\$7.00	\$1.00	16.67%
School & Municipapl	WATSCH	Minimum (0 to 5,000 Gallons)	\$24.00	\$24.00	\$0.00	0.00%
		5,001 to 50,000 Gallons/Thousand	\$1.80	\$1.80	\$0.00	0.00%
		Over 50,000 Gallons/Thousand	\$2.40	\$2.40	\$0.00	0.00%
School & Municipal Lawns	WATSCL	Flat Rate/Thousand	\$3.00	\$3.00	\$0.00	0.00%

This increase would generate based on FY 2012 consumption:

Rate	Consumption	Value Current Rate	Value Proposed Rate	Change	Percent	Cost/ Thousand	Change
Residential	557,693,042	\$2,088,837	\$2,249,578	\$160,741	7.70%	\$4.03	\$0.29
Commercial	130,380,510	\$471,717	\$507,098	\$35,381	7.50%	\$3.89	\$0.27
Condominium	26,008,572	\$98,683	\$107,517	\$8,834	8.95%	\$4.13	\$0.34
Apartment	98,757,500	\$395,075	\$419,741	\$24,666	6.24%	\$4.25	\$0.25
Totals	812,839,624	\$3,054,312	\$3,283,934	\$229,622	7.52%		

If experience is an indicator, the proposed rate will actually generate \$170,000± since we have found that every rate increase does impact future consumption.

I have updated my last rate comparison from 2008 as follows:

Community	Annual Water Cost - April 2008 Survey*	Annual Water Cost - August 2012 Survey**	Change	Percent
Natick	\$221	\$293	\$72	32.58%
Hudson	\$290	\$298	\$8	2.76%
<b>Shrewsbury</b>	<b>\$266</b>	<b>\$300</b>	\$34	12.78%
Milford	\$310	\$310	\$0	0.00%
Worcester	\$313	\$341	\$28	8.95%
West Boylston	\$297	\$342	\$45	15.15%
Bellingham	\$252	\$351	\$99	39.29%
Westborough	\$367	\$367	\$0	0.00%
Ashland	\$436	\$398	(\$38)	-8.72%
Auburn	\$399	\$399	\$0	0.00%
Holden	\$278	\$414	\$136	48.92%
Northborough	\$402	\$417	\$15	3.73%
Grafton	\$461	\$461	\$0	0.00%
Franklin	\$441	\$507	\$66	14.97%
Millbury	\$397	\$543	\$146	36.78%
Douglas	\$371	N/A		

Bills are based on consumption of 22,500 gals/quarter (90,000 Annual)

\* Source: 2006 Massachusetts Water Rate Survey – Tighe & Bond  
 \*\* Source: 2010 Massachusetts Water Rate Survey – Tighe & Bond

I have attached to this memo a series of exhibits for your review.

Please advise with any questions.

Cc Jack Perreault  
Robert Tozeski  
Mary Thompson  
Thomas Gregory  
John Decillis  
Sharon Horne  
Mary Budzinski

## Exhibit 1

### Summary of Water Bills

These exhibits show the distribution of bills issued in FY 2012 by each rate code

Summary of Water Bills

FY 2012

Residential

Consumption Range			# of Bills		Bills Issued		Consumption			
				Cumulative	Percent	Cumulative	Consumption	Cumulative	Percent	Cumulative
0	to	5000	5,047	5,047	13.22%	13.22%	14,729,420	14,729,420	2.64%	2.64%
5001	to	6000	1,480	6,527	3.88%	17.09%	8,550,620	23,280,040	1.53%	4.17%
6001	to	7000	1,622	8,149	4.25%	21.34%	11,010,410	34,290,450	1.97%	6.15%
7001	to	8000	1,750	9,899	4.58%	25.93%	13,657,500	47,947,950	2.45%	8.60%
8001	to	9000	1,932	11,831	5.06%	30.98%	16,984,490	64,932,440	3.05%	11.64%
9001	to	10000	2,236	14,067	5.86%	36.84%	21,893,420	86,825,860	3.93%	15.57%
10001	to	11000	2,109	16,176	5.52%	42.36%	22,773,280	109,599,140	4.08%	19.65%
11001	to	12000	2,097	18,273	5.49%	47.86%	24,751,760	134,350,900	4.44%	24.09%
12001	to	13000	2,083	20,356	5.46%	53.31%	26,648,208	160,999,108	4.78%	28.87%
13001	to	14000	1,899	22,255	4.97%	58.29%	26,225,262	187,224,370	4.70%	33.57%
14001	to	15000	1,751	24,006	4.59%	62.87%	25,914,140	213,138,510	4.65%	38.22%
15001	to	16000	1,646	25,652	4.31%	67.18%	25,997,490	239,136,000	4.66%	42.88%
16001	to	17000	1,541	27,193	4.04%	71.22%	25,887,720	265,023,720	4.64%	47.52%
17001	to	18000	1,348	28,541	3.53%	74.75%	24,000,560	289,024,280	4.30%	51.82%
18001	to	19000	1,158	29,699	3.03%	77.78%	21,810,480	310,834,760	3.91%	55.74%
19001	to	20000	1,070	30,769	2.80%	80.58%	21,215,290	332,050,050	3.80%	59.54%
20001	to	21000	915	31,684	2.40%	82.98%	19,043,100	351,093,150	3.41%	62.95%
21001	to	22000	790	32,474	2.07%	85.05%	17,240,710	368,333,860	3.09%	66.05%
22001	to	23000	697	33,171	1.83%	86.87%	15,910,210	384,244,070	2.85%	68.90%
23001	to	24000	596	33,767	1.56%	88.43%	14,202,140	398,446,210	2.55%	71.45%
24001	to	25000	525	34,292	1.37%	89.81%	13,021,122	411,467,332	2.33%	73.78%
25001	to	26000	420	34,712	1.10%	90.91%	10,834,620	422,301,952	1.94%	75.72%
26001	to	27000	388	35,100	1.02%	91.93%	10,407,470	432,709,422	1.87%	77.59%
27001	to	28000	333	35,433	0.87%	92.80%	9,276,600	441,986,022	1.66%	79.25%
28001	to	29000	284	35,717	0.74%	93.54%	8,188,340	450,174,362	1.47%	80.72%
29001	to	30000	253	35,970	0.66%	94.20%	7,549,900	457,724,262	1.35%	82.07%
30001	to	35000	823	36,793	2.16%	96.36%	26,793,790	484,518,052	4.80%	86.88%
35001	to	40000	459	37,252	1.20%	97.56%	17,298,710	501,816,762	3.10%	89.98%
40001	to	45000	290	37,542	0.76%	98.32%	12,333,310	514,150,072	2.21%	92.19%
45001	to	50000	174	37,716	0.46%	98.78%	8,274,960	522,425,032	1.48%	93.68%
50001	to	60000	183	37,899	0.48%	99.26%	10,048,230	532,473,262	1.80%	95.48%
60001	to	70000	104	38,003	0.27%	99.53%	6,714,700	539,187,962	1.20%	96.68%

Summary of Water Bills  
FY 2012  
Residential

Consumption Range			# of Bills	Bills Issued			Consumption			
				Cumulative	Percent	Cumulative	Consumption	Cumulative	Percent	Cumulative
70001	to	80000	62	38,065	0.16%	99.69%	4,691,330	543,879,292	0.84%	97.52%
80001	to	90000	38	38,103	0.10%	99.79%	3,220,800	547,100,092	0.58%	98.10%
90001	to	100000	19	38,122	0.05%	99.84%	1,826,200	548,926,292	0.33%	98.43%
100001	to	999999	61	38,183	0.16%	100.00%	8,766,750	557,693,042	1.57%	100.00%
0	to	5000	5,047	13.22%	13.22%		14,729,420	2.64%	2.64%	
5001	to	25000	29,245	76.59%	89.81%		396,737,912	71.14%	73.78%	
25001	to	50000	3,424	8.97%	98.78%		110,957,700	19.90%	93.68%	
50001	to	999999	467	1.22%	100.00%		35,268,010	6.32%	100.00%	
			38,183				557,693,042			
						Average Bill	14,606	Bill Amount	\$2,088,836.51	
						Median Bill	12,400	Gallons Consumed	557,693,042	
								Per Thousand Gal	\$3.75	

Summary of Water Bills  
FY 2012  
Commercial

Consumption Range			# of Bills	Bills Issued		Consumption				
				Cumulative	Percent	Cumulative	Consumption	Cumulative	Percent	Cumulative
0	to	5000	611	611	31.22%	31.22%	1,266,280	1,266,280	0.97%	0.97%
5001	to	6000	81	692	4.14%	35.36%	467,910	1,734,190	0.36%	1.33%
6001	to	7000	70	762	3.58%	38.94%	471,819	2,206,009	0.36%	1.69%
7001	to	8000	55	817	2.81%	41.75%	428,090	2,634,099	0.33%	2.02%
8001	to	9000	44	861	2.25%	44.00%	389,601	3,023,700	0.30%	2.32%
9001	to	10000	52	913	2.66%	46.65%	511,430	3,535,130	0.39%	2.71%
10001	to	15000	159	1,072	8.12%	54.78%	2,001,990	5,537,120	1.54%	4.25%
15001	to	25000	205	1,277	10.48%	65.25%	4,091,350	9,628,470	3.14%	7.38%
25001	to	30000	60	1,337	3.07%	68.32%	1,658,380	11,286,850	1.27%	8.66%
30001	to	35000	45	1,382	2.30%	70.62%	1,480,550	12,767,400	1.14%	9.79%
35001	to	40000	48	1,430	2.45%	73.07%	1,840,200	14,607,600	1.41%	11.20%
40001	to	45000	40	1,470	2.04%	75.11%	1,717,630	16,325,230	1.32%	12.52%
45001	to	50000	32	1,502	1.64%	76.75%	1,535,860	17,861,090	1.18%	13.70%
50001	to	60000	46	1,548	2.35%	79.10%	2,535,240	20,396,330	1.94%	15.64%
60001	to	70000	40	1,588	2.04%	81.14%	2,602,350	22,998,680	2.00%	17.64%
70001	to	80000	56	1,644	2.86%	84.01%	4,243,860	27,242,540	3.25%	20.89%
80001	to	90000	36	1,680	1.84%	85.85%	3,069,940	30,312,480	2.35%	23.25%
90001	to	100000	32	1,712	1.64%	87.48%	3,025,320	33,337,800	2.32%	25.57%
100001	to	125000	44	1,756	2.25%	89.73%	5,067,360	38,405,160	3.89%	29.46%
125001	to	150000	27	1,783	1.38%	91.11%	3,860,920	42,266,080	2.96%	32.42%
150001	to	200000	42	1,825	2.15%	93.25%	15,866,850	58,132,930	12.17%	44.59%
200001	to	999999	132	1,957	6.75%	100.00%	72,247,580	130,380,510	55.41%	100.00%
0	to	5000	611	31.22%	31.22%		1,266,280	0.97%	0.97%	
5001	to	50000	891	45.53%	76.75%		16,594,810	12.73%	13.70%	
50001	to	999999	455	23.25%	100.00%		112,519,420	86.30%	100.00%	
			1957				130,380,510			
						Average Bill	66,623	Bill Amount	\$471,717.17	
						Median Bill	12,500	Gallons Consumed	130,380,510	
								Per Thousand Gal	\$3.62	

Summary of Water Bills

FY 2012

Condominiums

Consumption Range			# of Bills	Bills Issued		Consumption				
	to			Cumulative	Percent	Cumulative	Consumption	Cumulative	Percent	Cumulative
0	to	5000	933	933	30.91%	30.91%	2,951,120	2,951,120	11.35%	11.35%
5001	to	6000	240	1,173	7.95%	38.87%	1,393,050	4,344,170	5.36%	16.70%
6001	to	7000	247	1,420	8.18%	47.05%	1,681,290	6,025,460	6.46%	23.17%
7001	to	8000	239	1,659	7.92%	54.97%	1,864,510	7,889,970	7.17%	30.34%
8001	to	9000	250	1,909	8.28%	63.25%	2,207,842	10,097,812	8.49%	38.82%
9001	to	10000	199	2,108	6.59%	69.85%	1,961,410	12,059,222	7.54%	46.37%
10001	to	11000	177	2,285	5.86%	75.71%	1,927,290	13,986,512	7.41%	53.78%
11001	to	12000	141	2,426	4.67%	80.38%	1,669,630	15,656,142	6.42%	60.20%
12001	to	13000	135	2,561	4.47%	84.86%	1,729,700	17,385,842	6.65%	66.85%
13001	to	14000	74	2,635	2.45%	87.31%	1,026,200	18,412,042	3.95%	70.79%
14001	to	15000	67	2,702	2.22%	89.53%	995,200	19,407,242	3.83%	74.62%
15001	to	16000	56	2,758	1.86%	91.39%	889,000	20,296,242	3.42%	78.04%
16001	to	17000	35	2,793	1.16%	92.54%	592,110	20,888,352	2.28%	80.31%
17001	to	18000	49	2,842	1.62%	94.17%	875,820	21,764,172	3.37%	83.68%
18001	to	19000	31	2,873	1.03%	95.20%	583,700	22,347,872	2.24%	85.93%
19001	to	20000	25	2,898	0.83%	96.02%	495,400	22,843,272	1.90%	87.83%
20001	to	21000	27	2,925	0.89%	96.92%	563,100	23,406,372	2.17%	89.99%
21001	to	22000	15	2,940	0.50%	97.42%	326,200	23,732,572	1.25%	91.25%
22001	to	23000	11	2,951	0.36%	97.78%	250,100	23,982,672	0.96%	92.21%
23001	to	24000	9	2,960	0.30%	98.08%	215,600	24,198,272	0.83%	93.04%
24001	to	25000	11	2,971	0.36%	98.44%	274,400	24,472,672	1.06%	94.09%
25001	to	26000	9	2,980	0.30%	98.74%	232,300	24,704,972	0.89%	94.99%
26001	to	27000	7	2,987	0.23%	98.97%	187,900	24,892,872	0.72%	95.71%
27001	to	28000	7	2,994	0.23%	99.20%	194,100	25,086,972	0.75%	96.46%
28001	to	29000	4	2,998	0.13%	99.34%	116,000	25,202,972	0.45%	96.90%
29001	to	30000	5	3,003	0.17%	99.50%	152,700	25,355,672	0.59%	97.49%
30001	to	35000	7	3,010	0.23%	99.73%	229,100	25,584,772	0.88%	98.37%
35001	to	40000	3	3,013	0.10%	99.83%	108,900	25,693,672	0.42%	98.79%
40001	to	45000	1	3,014	0.03%	99.87%	41,500	25,735,172	0.16%	98.95%
45001	to	50000	1	3,015	0.03%	99.90%	47,000	25,782,172	0.18%	99.13%
50001	to	60000	2	3,017	0.07%	99.97%	109,000	25,891,172	0.42%	99.55%

Summary of Water Bills

FY 2012

Condominiums

Consumption Range	# of Bills	Bills Issued				Consumption			
		Cumulative	Percent	Cumulative	Consumption	Cumulative	Percent	Cumulative	
60001 to 70000	0	3,017	0.00%	99.97%	0	25,891,172	0.00%	99.55%	
70001 to 80000	0	3,017	0.00%	99.97%	0	25,891,172	0.00%	99.55%	
80001 to 90000	0	3,017	0.00%	99.97%	0	25,891,172	0.00%	99.55%	
90001 to 100000	0	3,017	0.00%	99.97%	0	25,891,172	0.00%	99.55%	
100001 to 999999	1	3,018	0.03%	100.00%	117,400	26,008,572	0.45%	100.00%	
0 to 5000	933	30.91%	30.91%		2,951,120	11.35%	11.35%		
5001 to 25000	2,038	67.53%	98.44%		21,521,552	82.75%	94.09%		
25001 to 50000	44	1.46%	99.90%		1,309,500	5.03%	99.13%		
50001 to 999999	3	0.10%	100.00%		226,400	0.87%	100.00%		
	3,018				26,008,572				
				Average Bill	8,618	Bill Amount	\$98,683.12		
				Median Bill	7,500	Gallons Consumed	26,008,572		
						Per Thousand Gal	\$3.79		

Summary of Water Bills  
FY 2012  
Apartments

Consumption Range			# of Bills	Bills Issued		Consumption				
	to			Cumulative	Percent	Cumulative	Consumption	Cumulative	Percent	Cumulative
0	to	5000	45	45	6.91%	6.91%	61,080	61,080	0.06%	0.06%
5001	to	6000	14	59	2.15%	9.06%	93,840	154,920	0.10%	0.16%
6001	to	7000	10	69	1.54%	10.60%	123,270	278,190	0.12%	0.28%
7001	to	8000	13	82	2.00%	12.60%	235,640	513,830	0.24%	0.52%
8001	to	9000	26	108	3.99%	16.59%	594,320	1,108,150	0.60%	1.12%
9001	to	10000	21	129	3.23%	19.82%	589,240	1,697,390	0.60%	1.72%
10001	to	15000	10	139	1.54%	21.35%	330,310	2,027,700	0.33%	2.05%
15001	to	25000	19	158	2.92%	24.27%	721,610	2,749,310	0.73%	2.78%
25001	to	30000	18	176	2.76%	27.04%	767,290	3,516,600	0.78%	3.56%
30001	to	35000	10	186	1.54%	28.57%	479,300	3,995,900	0.49%	4.05%
35001	to	40000	75	261	11.52%	40.09%	4,742,150	8,738,050	4.80%	8.85%
40001	to	45000	71	332	10.91%	51.00%	6,244,890	14,982,940	6.32%	15.17%
45001	to	50000	110	442	16.90%	67.90%	13,626,600	28,609,540	13.80%	28.97%
50001	to	999999	209	651	32.10%	100.00%	70,147,960	98,757,500	71.03%	100.00%
0	to	5000	45	6.91%	6.91%	61,080	0.06%	0.06%		
5001	to	50000	141	21.66%	28.57%	3,934,820	3.98%	4.05%		
50001	to	100000	146	22.43%	51.00%	10,987,040	11.13%	15.17%		
100000	to	999999	319	49.00%	100.00%	83,774,560	84.83%	100.00%		
			651			98,757,500				
							Bill Amount	\$395,075.33		
					Average Bill	151,701	Gallons Consumed	98,757,500		
					Median Bill	45,000	Per Thousand Gal	\$4.00		

Summary of Water Bills

FY 2012

Various Rate Codes

<b>Residential Lawn</b>			<b>Bills Issued</b>		<b>Consumption</b>			
Consumption Range	# of Bills	Cumulative	Percent	Cumulative	Consumption	Cumulative	Percent	Cumulative
0 to 60000	104	104	93.69%	93.69%	671,300	671,300	44.89%	44.89%
60001 to 999999	7	111	6.31%	100.00%	824,200	1,495,500	55.11%	100.00%
				Average Bill	13,473	Bill Amount	\$9,832.00	
				Median Bill	N/A	Gallons Consumed	1,495,500	
						Per Thousand Gal	\$6.57	
<b>Residential Summer Service</b>			<b>Bills Issued</b>		<b>Consumption</b>			
Consumption Range	# of Bills	Cumulative	Percent	Cumulative	Consumption	Cumulative	Percent	Cumulative
0 to 60000	16	16	100.00%	100.00%	37,110	37,110	95.57%	95.57%
60001 to 999999	0	16	0.00%	100.00%	1,720	38,830	4.43%	100.00%
				Average Bill	2,427	Bill Amount	\$488.04	
				Median Bill	N/A	Gallons Consumed	38,830	
						Per Thousand Gal	\$12.57	
<b>Commercial Lawn</b>			<b>Bills Issued</b>		<b>Consumption</b>			
Consumption Range	# of Bills	Cumulative	Percent	Cumulative	Consumption	Cumulative	Percent	Cumulative
0 to 60000	13	13	81.25%	81.25%	46,900	46,900	8.87%	8.87%
60001 to 999999	3	16	18.75%	100.00%	481,800	528,700	91.13%	100.00%
				Average Bill	33,044	Bill Amount	\$3,310.28	
				Median Bill	N/A	Gallons Consumed	528,700	
						Per Thousand Gal	\$6.26	

Summary of Water Bills

FY 2012

Various Rate Codes

**Condominium Lawn**

Consumption Range	# of Bills	Cumulative	Bills Issued		Consumption			
			Percent	Cumulative	Consumption	Cumulative	Percent	Cumulative
0 to 60000	27	27	71.05%	71.05%	1,335,000	1,335,000	45.25%	45.25%
60001 to 999999	11	38	28.95%	100.00%	1,615,000	2,950,000	54.75%	100.00%
					Average Bill	77,632	Bill Amount	\$17,666.75
					Median Bill	N/A	Gallons Consumed	2,950,000
							Per Thousand Gal	\$5.99

**Water Municipal**

Consumption Range	# of Bills	Cumulative	Bills Issued		Consumption			
			Percent	Cumulative	Consumption	Cumulative	Percent	Cumulative
0 to 5000	31	31	38.75%	38.75%	30,440	30,440	2.68%	2.68%
5001 to 50000	46	77	57.50%	96.25%	864,300	894,740	76.02%	78.70%
50001 to 999999	3	80	3.75%	100.00%	242,200	1,136,940	21.30%	100.00%
					Average Bill	14,212	Bill Amount	\$3,526.01
					Median Bill	N/A	Gallons Consumed	1,136,940
							Per Thousand Gal	\$3.10

**Water School**

Consumption Range	# of Bills	Cumulative	Bills Issued		Consumption			
			Percent	Cumulative	Consumption	Cumulative	Percent	Cumulative
0 to 5000	20	20	17.24%	17.24%	40,300	40,300	2.69%	2.69%
5001 to 50000	43	63	37.07%	54.31%	2,272,860	2,272,860	151.98%	151.98%
50001 to 999999	53	116	45.69%	100.00%	7,695,910	7,695,910	514.60%	514.60%
					Average Bill	66,344	Bill Amount	\$21,075.13
					Median Bill	N/A	Gallons Consumed	7,695,910
							Per Thousand Gal	\$2.74

Summary of Water Bills

FY 2012

Various Rate Codes

**Water School Lawn**

Consumption Range	# of Bills	Cumulative	Bills Issued		Consumption	Consumption		Cumulative
			Percent	Cumulative		Cumulative	Percent	
0 to 999999	21	21	100.00%	100.00%	5,806,970	5,806,970	100.00%	100.00%
				Average Bill	276,522	Bill Amount	\$17,515.91	
				Median Bill	N/A	Gallons Consumed	5,806,970	
						Per Thousand Gal	\$3.02	

Exhibit 2

Summary of Water Rates

This exhibit shows the rate history and the proposed rate to be effective October 1, 2012

Summary of Water Rates

Rate	Rate Code	Range	July 1, 1991	June 1, 2003	May 1, 2006	May 1, 2008	Proposed October 1, 2012	Change	
Residential & Condominiums	WATER	Minimum (0 to 5,000 Gallons)	\$24.00	\$15.00	\$16.50	\$19.00	\$21.00	\$2.00	10.53%
	WATCN	5,001 to 25,000 Gallons/Thousand	\$1.80	\$2.50	\$2.85	\$3.20	\$3.40	\$0.20	6.25%
		25,001 to 50,000 Gallons/Thousand	\$1.80	\$4.50	\$5.20	\$6.00	\$6.30	\$0.30	5.00%
		Over 50,000 Gallons/Thousand	\$2.40	\$5.50	\$6.35	\$7.75	\$8.20	\$0.45	5.81%
Commercial	WTCM	Minimum (0 to 5,000 Gallons)	\$24.00	\$24.00	\$27.50	\$32.50	\$36.00	\$3.50	10.77%
		5,001 to 50,000 Gallons/Thousand	\$1.80	\$1.80	\$2.10	\$2.50	\$2.80	\$0.30	12.00%
		Over 50,000 Gallons/Thousand	\$2.40	\$2.40	\$2.80	\$3.50	\$3.80	\$0.30	8.57%
Apartments	WATERA	Flat Rate/Thousand	\$3.00	\$3.00	\$3.45	\$4.00	\$4.25	\$0.25	6.25%
Residential Lawns	WATLAW	Minimum (0 to 5,000 Gallons)	\$24.00	\$24.00					
		5,001 to 25,000 Gallons/Thousand	\$1.80	\$1.80					
		25,001 to 50,000 Gallons/Thousand	\$1.80	\$1.80					
		Over 50,000 Gallons/Thousand	\$2.40	\$2.40					
	WATLAW	Minimum			N/A	\$19.00	\$21.00	\$2.00	10.53%
		0 to 60,000 Gallons/Thousand over 60,001 Gallons/Thousand			\$4.50 \$4.75	\$5.75 \$6.00	\$6.25 \$7.00	\$0.50 \$1.00	8.70% 16.67%
Residential Summer	WATERS	Flat Rate/Thousand	\$3.00	\$3.00					
		Minimum			N/A	\$19.00	\$21.00	\$2.00	10.53%
		0 to 60,000 Gallons/Thousand over 60,001 Gallons/Thousand			\$4.50 \$4.75	\$5.75 \$6.00	\$6.25 \$7.00	\$0.50 \$1.00	8.70% 16.67%
Apartment Lawns	WATALN	Flat Rate/Thousand	\$3.00	\$3.00					
		Minimum			N/A	\$19.00	\$21.00	\$2.00	10.53%
		0 to 60,000 Gallons/Thousand over 60,001 Gallons/Thousand			\$4.50 \$4.75	\$5.75 \$6.00	\$6.25 \$7.00	\$0.50 \$1.00	8.70% 16.67%
Commercial Lawns	WATCML	Flat Rate/Thousand	\$3.00	\$3.00					
		Minimum			N/A	\$19.00	\$21.00	\$2.00	10.53%
		0 to 60,000 Gallons/Thousand over 60,001 Gallons/Thousand			\$4.50 \$4.75	\$5.75 \$6.00	\$6.25 \$7.00	\$0.50 \$1.00	8.70% 16.67%

Summary of Water Rates

Rate	Rate Code	Range	July 1, 1991	June 1, 2003	May 1, 2006	May 1, 2008	Proposed October 1, 2012	Change
Condominium Lawns	WATCNL	Flat Rate/Thousand	\$3.00	\$3.00				
		Minimum			N/A	\$19.00	\$21.00	\$2.00 10.53%
		0 to 60,000 Gallons/Thousand			\$4.50	\$5.75	\$6.25	\$0.50 8.70%
		over 60,001 Gallons/Thousand			\$4.75	\$6.00	\$7.00	\$1.00 16.67%
School & Municipal	WATSCH	Minimum (0 to 5,000 Gallons)	\$24.00	\$24.00	\$24.00	\$24.00	\$24.00	\$0.00 0.00%
		5,001 to 50,000 Gallons/Thousand	\$1.80	\$1.80	\$1.80	\$1.80	\$1.80	\$0.00 0.00%
		Over 50,000 Gallons/Thousand	\$2.40	\$2.40	\$2.40	\$2.40	\$2.40	\$0.00 0.00%
School & Municipal Lawns	WATSCL	Flat Rate/Thousand	\$3.00	\$3.00	\$3.00	\$3.00	\$3.00	\$0.00 0.00%

## Exhibit 3

### Historical Comparison

These exhibits show the evolving rate history along the range of consumption and include the result of the proposed rate increase

Historical Comparison  
Residential Water Rate Structure  
August 2012

Consumption	July 1, 1991 Rate	June 1, 2003 Rate	May 1, 2006 Rate	May 1, 2008 Rate	October 1, 2012 Proposed	Variance to 2008	Percent to 2008	Variance to 1991	Percent to 1991
Base Charge	\$24.00	\$15.00	\$16.50	\$19.00	\$21.00				
5,000 to 24,999	\$1.80	\$2.50	\$2.85	\$3.20	\$3.40				
25,000 to 49,999	\$1.80	\$4.50	\$5.20	\$6.00	\$6.30				
50,000+	\$2.40	\$5.50	\$6.35	\$7.75	\$8.20				
5000	\$24.00	\$15.00	\$16.50	\$19.00	\$21.00	\$2.00	10.53%	(\$3.00)	-12.50%
6000	\$25.80	\$17.50	\$19.35	\$22.20	\$24.40	\$2.20	9.91%	(\$1.40)	-5.43%
7000	\$27.60	\$20.00	\$22.20	\$25.40	\$27.80	\$2.40	9.45%	\$0.20	0.72%
8000	\$29.40	\$22.50	\$25.05	\$28.60	\$31.20	\$2.60	9.09%	\$1.80	6.12%
9000	\$31.20	\$25.00	\$27.90	\$31.80	\$34.60	\$2.80	8.81%	\$3.40	10.90%
10000	\$33.00	\$27.50	\$30.75	\$35.00	\$38.00	\$3.00	8.57%	\$5.00	15.15%
11000	\$34.80	\$30.00	\$33.60	\$38.20	\$41.40	\$3.20	8.38%	\$6.60	18.97%
12000	\$36.60	\$32.50	\$36.45	\$41.40	\$44.80	\$3.40	8.21%	\$8.20	22.40%
13000	\$38.40	\$35.00	\$39.30	\$44.60	\$48.20	\$3.60	8.07%	\$9.80	25.52%
14000	\$40.20	\$37.50	\$42.15	\$47.80	\$51.60	\$3.80	7.95%	\$11.40	28.36%
15000	\$42.00	\$40.00	\$45.00	\$51.00	\$55.00	\$4.00	7.84%	\$13.00	30.95%
16000	\$43.80	\$42.50	\$47.85	\$54.20	\$58.40	\$4.20	7.75%	\$14.60	33.33%
17000	\$45.60	\$45.00	\$50.70	\$57.40	\$61.80	\$4.40	7.67%	\$16.20	35.53%
18000	\$47.40	\$47.50	\$53.55	\$60.60	\$65.20	\$4.60	7.59%	\$17.80	37.55%
19000	\$49.20	\$50.00	\$56.40	\$63.80	\$68.60	\$4.80	7.52%	\$19.40	39.43%
20000	\$51.00	\$52.50	\$59.25	\$67.00	\$72.00	\$5.00	7.46%	\$21.00	41.18%
21000	\$52.80	\$55.00	\$62.10	\$70.20	\$75.40	\$5.20	7.41%	\$22.60	42.80%
22000	\$54.60	\$57.50	\$64.95	\$73.40	\$78.80	\$5.40	7.36%	\$24.20	44.32%
23000	\$56.40	\$60.00	\$67.80	\$76.60	\$82.20	\$5.60	7.31%	\$25.80	45.74%
24000	\$58.20	\$62.50	\$70.65	\$79.80	\$85.60	\$5.80	7.27%	\$27.40	47.08%
25000	\$60.00	\$65.00	\$73.50	\$83.00	\$89.00	\$6.00	7.23%	\$29.00	48.33%
26000	\$61.80	\$69.50	\$78.70	\$89.00	\$95.30	\$6.30	7.08%	\$33.50	54.21%
27000	\$63.60	\$74.00	\$83.90	\$95.00	\$101.60	\$6.60	6.95%	\$38.00	59.75%
28000	\$65.40	\$78.50	\$89.10	\$101.00	\$107.90	\$6.90	6.83%	\$42.50	64.98%
29000	\$67.20	\$83.00	\$94.30	\$107.00	\$114.20	\$7.20	6.73%	\$47.00	69.94%
30000	\$69.00	\$87.50	\$99.50	\$113.00	\$120.50	\$7.50	6.64%	\$51.50	74.64%
31000	\$70.80	\$92.00	\$104.70	\$119.00	\$126.80	\$7.80	6.55%	\$56.00	79.10%
32000	\$72.60	\$96.50	\$109.90	\$125.00	\$133.10	\$8.10	6.48%	\$60.50	83.33%
33000	\$74.40	\$101.00	\$115.10	\$131.00	\$139.40	\$8.40	6.41%	\$65.00	87.37%
34000	\$76.20	\$105.50	\$120.30	\$137.00	\$145.70	\$8.70	6.35%	\$69.50	91.21%
35000	\$78.00	\$110.00	\$125.50	\$143.00	\$152.00	\$9.00	6.29%	\$74.00	94.87%

-12.50%	21.34% of Bills
-5.43%	are Less Than
0.72%	7,000 Gallons

Historical Comparison  
Residential Water Rate Structure  
August 2012

Consumption	July 1, 1991 Rate	June 1, 2003 Rate	May 1, 2006 Rate	May 1, 2008 Rate	October 1, 2012 Proposed	Variance to 2008	Percent to 2008	Variance to 1991	Percent to 1991
36000	\$79.80	\$114.50	\$130.70	\$149.00	\$158.30	\$9.30	6.24%	\$78.50	98.37%
37000	\$81.60	\$119.00	\$135.90	\$155.00	\$164.60	\$9.60	6.19%	\$83.00	101.72%
38000	\$83.40	\$123.50	\$141.10	\$161.00	\$170.90	\$9.90	6.15%	\$87.50	104.92%
39000	\$85.20	\$128.00	\$146.30	\$167.00	\$177.20	\$10.20	6.11%	\$92.00	107.98%
40000	\$87.00	\$132.50	\$151.50	\$173.00	\$183.50	\$10.50	6.07%	\$96.50	110.92%
41000	\$88.80	\$137.00	\$156.70	\$179.00	\$189.80	\$10.80	6.03%	\$101.00	113.74%
42000	\$90.60	\$141.50	\$161.90	\$185.00	\$196.10	\$11.10	6.00%	\$105.50	116.45%
43000	\$92.40	\$146.00	\$167.10	\$191.00	\$202.40	\$11.40	5.97%	\$110.00	119.05%
44000	\$94.20	\$150.50	\$172.30	\$197.00	\$208.70	\$11.70	5.94%	\$114.50	121.55%
45000	\$96.00	\$155.00	\$177.50	\$203.00	\$215.00	\$12.00	5.91%	\$119.00	123.96%
46000	\$97.80	\$159.50	\$182.70	\$209.00	\$221.30	\$12.30	5.89%	\$123.50	126.28%
47000	\$99.60	\$164.00	\$187.90	\$215.00	\$227.60	\$12.60	5.86%	\$128.00	128.51%
48000	\$101.40	\$168.50	\$193.10	\$221.00	\$233.90	\$12.90	5.84%	\$132.50	130.67%
49000	\$103.20	\$173.00	\$198.30	\$227.00	\$240.20	\$13.20	5.81%	\$137.00	132.75%
50000	\$105.60	\$177.50	\$203.50	\$233.00	\$246.50	\$13.50	5.79%	\$140.90	133.43%
51000	\$108.00	\$183.00	\$209.85	\$240.75	\$254.70	\$13.95	5.79%	\$146.70	135.83%
52000	\$110.40	\$189.50	\$216.20	\$248.50	\$262.90	\$14.40	5.79%	\$152.50	138.13%
53000	\$112.80	\$195.00	\$222.55	\$256.25	\$271.10	\$14.85	5.80%	\$158.30	140.34%
54000	\$115.20	\$200.50	\$228.90	\$264.00	\$279.30	\$15.30	5.80%	\$164.10	142.45%
55000	\$117.60	\$206.00	\$235.25	\$271.75	\$287.50	\$15.75	5.80%	\$169.90	144.47%
56000	\$120.00	\$211.50	\$241.60	\$279.50	\$295.70	\$16.20	5.80%	\$175.70	146.42%
57000	\$122.40	\$217.00	\$247.95	\$287.25	\$303.90	\$16.65	5.80%	\$181.50	148.28%
58000	\$124.80	\$222.50	\$254.30	\$295.00	\$312.10	\$17.10	5.80%	\$187.30	150.08%
59000	\$127.20	\$228.00	\$260.65	\$302.75	\$320.30	\$17.55	5.80%	\$193.10	151.81%
60000	\$129.60	\$233.50	\$267.00	\$310.50	\$328.50	\$18.00	5.80%	\$198.90	153.47%
61000	\$132.00	\$239.00	\$273.35	\$318.25	\$336.70	\$18.45	5.80%	\$204.70	155.08%
62000	\$134.40	\$244.50	\$279.70	\$326.00	\$344.90	\$18.90	5.80%	\$210.50	156.62%
63000	\$136.80	\$250.00	\$286.05	\$333.75	\$353.10	\$19.35	5.80%	\$216.30	158.11%
64000	\$139.20	\$255.50	\$292.40	\$341.50	\$361.30	\$19.80	5.80%	\$222.10	159.55%
65000	\$141.60	\$261.00	\$298.75	\$349.25	\$369.50	\$20.25	5.80%	\$227.90	160.95%
66000	\$144.00	\$266.50	\$305.10	\$357.00	\$377.70	\$20.70	5.80%	\$233.70	162.29%
67000	\$146.40	\$272.00	\$311.45	\$364.75	\$385.90	\$21.15	5.80%	\$239.50	163.59%
68000	\$148.80	\$277.50	\$317.80	\$372.50	\$394.10	\$21.60	5.80%	\$245.30	164.85%
69000	\$151.20	\$283.00	\$324.15	\$380.25	\$402.30	\$22.05	5.80%	\$251.10	166.07%
70000	\$153.60	\$288.50	\$330.50	\$388.00	\$410.50	\$22.50	5.80%	\$256.90	167.25%
71000	\$156.00	\$294.00	\$336.85	\$395.75	\$418.70	\$22.95	5.80%	\$262.70	168.40%

Historical Comparison  
Residential Water Rate Structure  
August 2012

Consumption	July 1, 1991 Rate	June 1, 2003 Rate	May 1, 2006 Rate	May 1, 2008 Rate	October 1, 2012 Proposed	Variance to 2008	Percent to 2008	Variance to 1991	Percent to 1991
72000	\$158.40	\$299.50	\$343.20	\$403.50	\$426.90	\$23.40	5.80%	\$268.50	169.51%
73000	\$160.80	\$305.00	\$349.55	\$411.25	\$435.10	\$23.85	5.80%	\$274.30	170.58%
74000	\$163.20	\$310.50	\$355.90	\$419.00	\$443.30	\$24.30	5.80%	\$280.10	171.63%
75000	\$165.60	\$316.00	\$362.25	\$426.75	\$451.50	\$24.75	5.80%	\$285.90	172.64%
76000	\$168.00	\$321.50	\$368.60	\$434.50	\$459.70	\$25.20	5.80%	\$291.70	173.63%
77000	\$170.40	\$327.00	\$374.95	\$442.25	\$467.90	\$25.65	5.80%	\$297.50	174.59%
78000	\$172.80	\$332.50	\$381.30	\$450.00	\$476.10	\$26.10	5.80%	\$303.30	175.52%
79000	\$175.20	\$338.00	\$387.65	\$457.75	\$484.30	\$26.55	5.80%	\$309.10	176.43%
80000	\$177.60	\$343.50	\$394.00	\$465.50	\$492.50	\$27.00	5.80%	\$314.90	177.31%
81000	\$180.00	\$349.00	\$400.35	\$473.25	\$500.70	\$27.45	5.80%	\$320.70	178.17%
82000	\$182.40	\$354.50	\$406.70	\$481.00	\$508.90	\$27.90	5.80%	\$326.50	179.00%
83000	\$184.80	\$360.00	\$413.05	\$488.75	\$517.10	\$28.35	5.80%	\$332.30	179.82%
84000	\$187.20	\$365.50	\$419.40	\$496.50	\$525.30	\$28.80	5.80%	\$338.10	180.61%
85000	\$189.60	\$371.00	\$425.75	\$504.25	\$533.50	\$29.25	5.80%	\$343.90	181.38%
86000	\$192.00	\$376.50	\$432.10	\$512.00	\$541.70	\$29.70	5.80%	\$349.70	182.14%
87000	\$194.40	\$382.00	\$438.45	\$519.75	\$549.90	\$30.15	5.80%	\$355.50	182.87%
88000	\$196.80	\$387.50	\$444.80	\$527.50	\$558.10	\$30.60	5.80%	\$361.30	183.59%
89000	\$199.20	\$393.00	\$451.15	\$535.25	\$566.30	\$31.05	5.80%	\$367.10	184.29%
90000	\$201.60	\$398.50	\$457.50	\$543.00	\$574.50	\$31.50	5.80%	\$372.90	184.97%
91000	\$204.00	\$404.00	\$463.85	\$550.75	\$582.70	\$31.95	5.80%	\$378.70	185.64%
92000	\$206.40	\$409.50	\$470.20	\$558.50	\$590.90	\$32.40	5.80%	\$384.50	186.29%
93000	\$208.80	\$415.00	\$476.55	\$566.25	\$599.10	\$32.85	5.80%	\$390.30	186.93%
94000	\$211.20	\$420.50	\$482.90	\$574.00	\$607.30	\$33.30	5.80%	\$396.10	187.55%
95000	\$213.60	\$426.00	\$489.25	\$581.75	\$615.50	\$33.75	5.80%	\$401.90	188.16%
96000	\$216.00	\$431.50	\$495.60	\$589.50	\$623.70	\$34.20	5.80%	\$407.70	188.75%
97000	\$218.40	\$437.00	\$501.95	\$597.25	\$631.90	\$34.65	5.80%	\$413.50	189.33%
98000	\$220.80	\$442.50	\$508.30	\$605.00	\$640.10	\$35.10	5.80%	\$419.30	189.90%
99000	\$223.20	\$448.00	\$514.65	\$612.75	\$648.30	\$35.55	5.80%	\$425.10	190.46%
100000	\$225.60	\$453.50	\$521.00	\$620.50	\$656.50	\$36.00	5.80%	\$430.90	191.00%
101000	\$228.00	\$459.00	\$527.35	\$628.25	\$664.70	\$36.45	5.80%	\$436.70	191.54%
102000	\$230.40	\$464.50	\$533.70	\$636.00	\$672.90	\$36.90	5.80%	\$442.50	192.06%
103000	\$232.80	\$470.00	\$540.05	\$643.75	\$681.10	\$37.35	5.80%	\$448.30	192.57%
104000	\$235.20	\$475.50	\$546.40	\$651.50	\$689.30	\$37.80	5.80%	\$454.10	193.07%
105000	\$237.60	\$481.00	\$552.75	\$659.25	\$697.50	\$38.25	5.80%	\$459.90	193.56%
106000	\$240.00	\$486.50	\$559.10	\$667.00	\$705.70	\$38.70	5.80%	\$465.70	194.04%
107000	\$242.40	\$492.00	\$565.45	\$674.75	\$713.90	\$39.15	5.80%	\$471.50	194.51%

Historical Comparison  
Residential Water Rate Structure  
August 2012

Consumption	July 1, 1991 Rate	June 1, 2003 Rate	May 1, 2006 Rate	May 1, 2008 Rate	October 1, 2012 Proposed	Variance to 2008	Percent to 2008	Variance to 1991	Percent to 1991
108000	\$244.80	\$497.50	\$571.80	\$682.50	\$722.10	\$39.60	5.80%	\$477.30	194.98%
109000	\$247.20	\$503.00	\$578.15	\$690.25	\$730.30	\$40.05	5.80%	\$483.10	195.43%
110000	\$249.60	\$508.50	\$584.50	\$698.00	\$738.50	\$40.50	5.80%	\$488.90	195.87%
111000	\$252.00	\$514.00	\$590.85	\$705.75	\$746.70	\$40.95	5.80%	\$494.70	196.31%
112000	\$254.40	\$519.50	\$597.20	\$713.50	\$754.90	\$41.40	5.80%	\$500.50	196.74%
113000	\$256.80	\$525.00	\$603.55	\$721.25	\$763.10	\$41.85	5.80%	\$506.30	197.16%
114000	\$259.20	\$530.50	\$609.90	\$729.00	\$771.30	\$42.30	5.80%	\$512.10	197.57%
115000	\$261.60	\$536.00	\$616.25	\$736.75	\$779.50	\$42.75	5.80%	\$517.90	197.97%
116000	\$264.00	\$541.50	\$622.60	\$744.50	\$787.70	\$43.20	5.80%	\$523.70	198.37%
117000	\$266.40	\$547.00	\$628.95	\$752.25	\$795.90	\$43.65	5.80%	\$529.50	198.76%
118000	\$268.80	\$552.50	\$635.30	\$760.00	\$804.10	\$44.10	5.80%	\$535.30	199.14%
119000	\$271.20	\$558.00	\$641.65	\$767.75	\$812.30	\$44.55	5.80%	\$541.10	199.52%
120000	\$273.60	\$563.50	\$648.00	\$775.50	\$820.50	\$45.00	5.80%	\$546.90	199.89%
121000	\$276.00	\$569.00	\$654.35	\$783.25	\$828.70	\$45.45	5.80%	\$552.70	200.25%
122000	\$278.40	\$574.50	\$660.70	\$791.00	\$836.90	\$45.90	5.80%	\$558.50	200.61%
123000	\$280.80	\$580.00	\$667.05	\$798.75	\$845.10	\$46.35	5.80%	\$564.30	200.96%
124000	\$283.20	\$585.50	\$673.40	\$806.50	\$853.30	\$46.80	5.80%	\$570.10	201.31%
125000	\$285.60	\$591.00	\$679.75	\$814.25	\$861.50	\$47.25	5.80%	\$575.90	201.65%

Historical Comparison  
Commerical Water Rate Structure  
August 2012

Consumption	July 1, 1991 Rate	June 1, 2003 Rate	May 1, 2006 Rate	May 1, 2008 Rate	October 1, 2012 Proposed	Variance to 2008	Percent to 2008	Variance to 1991	Percent to 1991	
Base Charge	\$24.00	\$24.00	\$27.50	\$32.50	\$36.00					
5,001 to 50,000	\$1.80	\$1.80	\$2.10	\$2.50	\$2.80					
50,000+	\$2.40	\$2.40	\$2.80	\$3.50	\$3.80					
5,000	\$24.00	\$24.00	\$27.50	\$32.50	\$36.00	\$3.50	10.77%	\$12.00	50.00%	
6,000	\$25.80	\$25.80	\$29.60	\$35.00	\$38.80	\$3.80	10.86%	\$13.00	50.39%	
7,000	\$27.60	\$27.60	\$31.70	\$37.50	\$41.60	\$4.10	10.93%	\$14.00	50.72%	
8,000	\$29.40	\$29.40	\$33.80	\$40.00	\$44.40	\$4.40	11.00%	\$15.00	51.02%	
9,000	\$31.20	\$31.20	\$35.90	\$42.50	\$47.20	\$4.70	11.06%	\$16.00	51.28%	
10,000	\$33.00	\$33.00	\$38.00	\$45.00	\$50.00	\$5.00	11.11%	\$17.00	51.52%	
11,000	\$34.80	\$34.80	\$40.10	\$47.50	\$52.80	\$5.30	11.16%	\$18.00	51.72%	
12,000	\$36.60	\$36.60	\$42.20	\$50.00	\$55.60	\$5.60	11.20%	\$19.00	51.91%	
13,000	\$38.40	\$38.40	\$44.30	\$52.50	\$58.40	\$5.90	11.24%	\$20.00	52.08%	Median Bill
14,000	\$40.20	\$40.20	\$46.40	\$55.00	\$61.20	\$6.20	11.27%	\$21.00	52.24%	
15,000	\$42.00	\$42.00	\$48.50	\$57.50	\$64.00	\$6.50	11.30%	\$22.00	52.38%	
16,000	\$43.80	\$43.80	\$50.60	\$60.00	\$66.80	\$6.80	11.33%	\$23.00	52.51%	
17,000	\$45.60	\$45.60	\$52.70	\$62.50	\$69.60	\$7.10	11.36%	\$24.00	52.63%	
18,000	\$47.40	\$47.40	\$54.80	\$65.00	\$72.40	\$7.40	11.38%	\$25.00	52.74%	
19,000	\$49.20	\$49.20	\$56.90	\$67.50	\$75.20	\$7.70	11.41%	\$26.00	52.85%	
20,000	\$51.00	\$51.00	\$59.00	\$70.00	\$78.00	\$8.00	11.43%	\$27.00	52.94%	
21,000	\$52.80	\$52.80	\$61.10	\$72.50	\$80.80	\$8.30	11.45%	\$28.00	53.03%	
22,000	\$54.60	\$54.60	\$63.20	\$75.00	\$83.60	\$8.60	11.47%	\$29.00	53.11%	
23,000	\$56.40	\$56.40	\$65.30	\$77.50	\$86.40	\$8.90	11.48%	\$30.00	53.19%	
24,000	\$58.20	\$58.20	\$67.40	\$80.00	\$89.20	\$9.20	11.50%	\$31.00	53.26%	
25,000	\$60.00	\$60.00	\$69.50	\$82.50	\$92.00	\$9.50	11.52%	\$32.00	53.33%	
26,000	\$61.80	\$61.80	\$71.60	\$85.00	\$94.80	\$9.80	11.53%	\$33.00	53.40%	
27,000	\$63.60	\$63.60	\$73.70	\$87.50	\$97.60	\$10.10	11.54%	\$34.00	53.46%	
28,000	\$65.40	\$65.40	\$75.80	\$90.00	\$100.40	\$10.40	11.56%	\$35.00	53.52%	
29,000	\$67.20	\$67.20	\$77.90	\$92.50	\$103.20	\$10.70	11.57%	\$36.00	53.57%	
30,000	\$69.00	\$69.00	\$80.00	\$95.00	\$106.00	\$11.00	11.58%	\$37.00	53.62%	
31,000	\$70.80	\$70.80	\$82.10	\$97.50	\$108.80	\$11.30	11.59%	\$38.00	53.67%	
32,000	\$72.60	\$72.60	\$84.20	\$100.00	\$111.60	\$11.60	11.60%	\$39.00	53.72%	
33,000	\$74.40	\$74.40	\$86.30	\$102.50	\$114.40	\$11.90	11.61%	\$40.00	53.76%	
34,000	\$76.20	\$76.20	\$88.40	\$105.00	\$117.20	\$12.20	11.62%	\$41.00	53.81%	
35,000	\$78.00	\$78.00	\$90.50	\$107.50	\$120.00	\$12.50	11.63%	\$42.00	53.85%	

Historical Comparison  
Commerical Water Rate Structure  
August 2012

Consumption	July 1, 1991 Rate	June 1, 2003 Rate	May 1, 2006 Rate	May 1, 2008 Rate	October 1, 2012 Proposed	Variance to 2008	Percent to 2008	Variance to 1991	Percent to 1991	
36,000	\$79.80	\$79.80	\$92.60	\$110.00	\$122.80	\$12.80	11.64%	\$43.00	53.88%	
37,000	\$81.60	\$81.60	\$94.70	\$112.50	\$125.60	\$13.10	11.64%	\$44.00	53.92%	
38,000	\$83.40	\$83.40	\$96.80	\$115.00	\$128.40	\$13.40	11.65%	\$45.00	53.96%	
39,000	\$85.20	\$85.20	\$98.90	\$117.50	\$131.20	\$13.70	11.66%	\$46.00	53.99%	
40,000	\$87.00	\$87.00	\$101.00	\$120.00	\$134.00	\$14.00	11.67%	\$47.00	54.02%	
41,000	\$88.80	\$88.80	\$103.10	\$122.50	\$136.80	\$14.30	11.67%	\$48.00	54.05%	
42,000	\$90.60	\$90.60	\$105.20	\$125.00	\$139.60	\$14.60	11.68%	\$49.00	54.08%	
43,000	\$92.40	\$92.40	\$107.30	\$127.50	\$142.40	\$14.90	11.69%	\$50.00	54.11%	
44,000	\$94.20	\$94.20	\$109.40	\$130.00	\$145.20	\$15.20	11.69%	\$51.00	54.14%	
45,000	\$96.00	\$96.00	\$111.50	\$132.50	\$148.00	\$15.50	11.70%	\$52.00	54.17%	
46,000	\$97.80	\$97.80	\$113.60	\$135.00	\$150.80	\$15.80	11.70%	\$53.00	54.19%	
47,000	\$99.60	\$99.60	\$115.70	\$137.50	\$153.60	\$16.10	11.71%	\$54.00	54.22%	
48,000	\$101.40	\$101.40	\$117.80	\$140.00	\$156.40	\$16.40	11.71%	\$55.00	54.24%	
49,000	\$103.20	\$103.20	\$119.90	\$142.50	\$159.20	\$16.70	11.72%	\$56.00	54.26%	
50,000	\$105.00	\$105.00	\$122.00	\$145.00	\$162.00	\$17.00	11.72%	\$57.00	54.29%	
51,000	\$107.40	\$107.40	\$124.80	\$148.50	\$165.80	\$17.30	11.65%	\$58.40	54.38%	
52,000	\$109.80	\$109.80	\$127.60	\$152.00	\$169.60	\$17.60	11.58%	\$59.80	54.46%	
53,000	\$112.20	\$112.20	\$130.40	\$155.50	\$173.40	\$17.90	11.51%	\$61.20	54.55%	
54,000	\$114.60	\$114.60	\$133.20	\$159.00	\$177.20	\$18.20	11.45%	\$62.60	54.62%	
55,000	\$117.00	\$117.00	\$136.00	\$162.50	\$181.00	\$18.50	11.38%	\$64.00	54.70%	
56,000	\$119.40	\$119.40	\$138.80	\$166.00	\$184.80	\$18.80	11.33%	\$65.40	54.77%	
57,000	\$121.80	\$121.80	\$141.60	\$169.50	\$188.60	\$19.10	11.27%	\$66.80	54.84%	
58,000	\$124.20	\$124.20	\$144.40	\$173.00	\$192.40	\$19.40	11.21%	\$68.20	54.91%	
59,000	\$126.60	\$126.60	\$147.20	\$176.50	\$196.20	\$19.70	11.16%	\$69.60	54.98%	
60,000	\$129.00	\$129.00	\$150.00	\$180.00	\$200.00	\$20.00	11.11%	\$71.00	55.04%	
61,000	\$131.40	\$131.40	\$152.80	\$183.50	\$203.80	\$20.30	11.06%	\$72.40	55.10%	
62,000	\$133.80	\$133.80	\$155.60	\$187.00	\$207.60	\$20.60	11.02%	\$73.80	55.16%	
63,000	\$136.20	\$136.20	\$158.40	\$190.50	\$211.40	\$20.90	10.97%	\$75.20	55.21%	
64,000	\$138.60	\$138.60	\$161.20	\$194.00	\$215.20	\$21.20	10.93%	\$76.60	55.27%	
65,000	\$141.00	\$141.00	\$164.00	\$197.50	\$219.00	\$21.50	10.89%	\$78.00	55.32%	
66,000	\$143.40	\$143.40	\$166.80	\$201.00	\$222.80	\$21.80	10.85%	\$79.40	55.37%	
67,000	\$145.80	\$145.80	\$169.60	\$204.50	\$226.60	\$22.10	10.81%	\$80.80	55.42%	Average Bill
68,000	\$148.20	\$148.20	\$172.40	\$208.00	\$230.40	\$22.40	10.77%	\$82.20	55.47%	
69,000	\$150.60	\$150.60	\$175.20	\$211.50	\$234.20	\$22.70	10.73%	\$83.60	55.51%	
70,000	\$153.00	\$153.00	\$178.00	\$215.00	\$238.00	\$23.00	10.70%	\$85.00	55.56%	

Historical Comparison  
Commerical Water Rate Structure  
August 2012

Consumption	July 1, 1991 Rate	June 1, 2003 Rate	May 1, 2006 Rate	May 1, 2008 Rate	October 1, 2012 Proposed	Variance to 2008	Percent to 2008	Variance to 1991	Percent to 1991
71,000	\$155.40	\$155.40	\$180.80	\$218.50	\$241.80	\$23.30	10.66%	\$86.40	55.60%
72,000	\$157.80	\$157.80	\$183.60	\$222.00	\$245.60	\$23.60	10.63%	\$87.80	55.64%
73,000	\$160.20	\$160.20	\$186.40	\$225.50	\$249.40	\$23.90	10.60%	\$89.20	55.68%
74,000	\$162.60	\$162.60	\$189.20	\$229.00	\$253.20	\$24.20	10.57%	\$90.60	55.72%
75,000	\$165.00	\$165.00	\$192.00	\$232.50	\$257.00	\$24.50	10.54%	\$92.00	55.76%
76,000	\$167.40	\$167.40	\$194.80	\$236.00	\$260.80	\$24.80	10.51%	\$93.40	55.79%
77,000	\$169.80	\$169.80	\$197.60	\$239.50	\$264.60	\$25.10	10.48%	\$94.80	55.83%
78,000	\$172.20	\$172.20	\$200.40	\$243.00	\$268.40	\$25.40	10.45%	\$96.20	55.87%
79,000	\$174.60	\$174.60	\$203.20	\$246.50	\$272.20	\$25.70	10.43%	\$97.60	55.90%
80,000	\$177.00	\$177.00	\$206.00	\$250.00	\$276.00	\$26.00	10.40%	\$99.00	55.93%
81,000	\$179.40	\$179.40	\$208.80	\$253.50	\$279.80	\$26.30	10.37%	\$100.40	55.96%
82,000	\$181.80	\$181.80	\$211.60	\$257.00	\$283.60	\$26.60	10.35%	\$101.80	56.00%
83,000	\$184.20	\$184.20	\$214.40	\$260.50	\$287.40	\$26.90	10.33%	\$103.20	56.03%
84,000	\$186.60	\$186.60	\$217.20	\$264.00	\$291.20	\$27.20	10.30%	\$104.60	56.06%
85,000	\$189.00	\$189.00	\$220.00	\$267.50	\$295.00	\$27.50	10.28%	\$106.00	56.08%
86,000	\$191.40	\$191.40	\$222.80	\$271.00	\$298.80	\$27.80	10.26%	\$107.40	56.11%
87,000	\$193.80	\$193.80	\$225.60	\$274.50	\$302.60	\$28.10	10.24%	\$108.80	56.14%
88,000	\$196.20	\$196.20	\$228.40	\$278.00	\$306.40	\$28.40	10.22%	\$110.20	56.17%
89,000	\$198.60	\$198.60	\$231.20	\$281.50	\$310.20	\$28.70	10.20%	\$111.60	56.19%
90,000	\$201.00	\$201.00	\$234.00	\$285.00	\$314.00	\$29.00	10.18%	\$113.00	56.22%
91,000	\$203.40	\$203.40	\$236.80	\$288.50	\$317.80	\$29.30	10.16%	\$114.40	56.24%
92,000	\$205.80	\$205.80	\$239.60	\$292.00	\$321.60	\$29.60	10.14%	\$115.80	56.27%
93,000	\$208.20	\$208.20	\$242.40	\$295.50	\$325.40	\$29.90	10.12%	\$117.20	56.29%
94,000	\$210.60	\$210.60	\$245.20	\$299.00	\$329.20	\$30.20	10.10%	\$118.60	56.32%
95,000	\$213.00	\$213.00	\$248.00	\$302.50	\$333.00	\$30.50	10.08%	\$120.00	56.34%
96,000	\$215.40	\$215.40	\$250.80	\$306.00	\$336.80	\$30.80	10.07%	\$121.40	56.36%
97,000	\$217.80	\$217.80	\$253.60	\$309.50	\$340.60	\$31.10	10.05%	\$122.80	56.38%
98,000	\$220.20	\$220.20	\$256.40	\$313.00	\$344.40	\$31.40	10.03%	\$124.20	56.40%
99,000	\$222.60	\$222.60	\$259.20	\$316.50	\$348.20	\$31.70	10.02%	\$125.60	56.42%
100,000	\$225.00	\$225.00	\$262.00	\$320.00	\$352.00	\$32.00	10.00%	\$127.00	56.44%
101,000	\$227.40	\$227.40	\$264.80	\$323.50	\$355.80	\$32.30	9.98%	\$128.40	56.46%
102,000	\$229.80	\$229.80	\$267.60	\$327.00	\$359.60	\$32.60	9.97%	\$129.80	56.48%
103,000	\$232.20	\$232.20	\$270.40	\$330.50	\$363.40	\$32.90	9.95%	\$131.20	56.50%
104,000	\$234.60	\$234.60	\$273.20	\$334.00	\$367.20	\$33.20	9.94%	\$132.60	56.52%
105,000	\$237.00	\$237.00	\$276.00	\$337.50	\$371.00	\$33.50	9.93%	\$134.00	56.54%

Historical Comparison  
Commerical Water Rate Structure  
August 2012

Consumption	July 1, 1991 Rate	June 1, 2003 Rate	May 1, 2006 Rate	May 1, 2008 Rate	October 1, 2012 Proposed	Variance to 2008	Percent to 2008	Variance to 1991	Percent to 1991
106,000	\$239.40	\$239.40	\$278.80	\$341.00	\$374.80	\$33.80	9.91%	\$135.40	56.56%
107,000	\$241.80	\$241.80	\$281.60	\$344.50	\$378.60	\$34.10	9.90%	\$136.80	56.58%
108,000	\$244.20	\$244.20	\$284.40	\$348.00	\$382.40	\$34.40	9.89%	\$138.20	56.59%
109,000	\$246.60	\$246.60	\$287.20	\$351.50	\$386.20	\$34.70	9.87%	\$139.60	56.61%
110,000	\$249.00	\$249.00	\$290.00	\$355.00	\$390.00	\$35.00	9.86%	\$141.00	56.63%
111,000	\$251.40	\$251.40	\$292.80	\$358.50	\$393.80	\$35.30	9.85%	\$142.40	56.64%
112,000	\$253.80	\$253.80	\$295.60	\$362.00	\$397.60	\$35.60	9.83%	\$143.80	56.66%
113,000	\$256.20	\$256.20	\$298.40	\$365.50	\$401.40	\$35.90	9.82%	\$145.20	56.67%
114,000	\$258.60	\$258.60	\$301.20	\$369.00	\$405.20	\$36.20	9.81%	\$146.60	56.69%
115,000	\$261.00	\$261.00	\$304.00	\$372.50	\$409.00	\$36.50	9.80%	\$148.00	56.70%
116,000	\$263.40	\$263.40	\$306.80	\$376.00	\$412.80	\$36.80	9.79%	\$149.40	56.72%
117,000	\$265.80	\$265.80	\$309.60	\$379.50	\$416.60	\$37.10	9.78%	\$150.80	56.73%
118,000	\$268.20	\$268.20	\$312.40	\$383.00	\$420.40	\$37.40	9.77%	\$152.20	56.75%
119,000	\$270.60	\$270.60	\$315.20	\$386.50	\$424.20	\$37.70	9.75%	\$153.60	56.76%
120,000	\$273.00	\$273.00	\$318.00	\$390.00	\$428.00	\$38.00	9.74%	\$155.00	56.78%
121,000	\$275.40	\$275.40	\$320.80	\$393.50	\$431.80	\$38.30	9.73%	\$156.40	56.79%
122,000	\$277.80	\$277.80	\$323.60	\$397.00	\$435.60	\$38.60	9.72%	\$157.80	56.80%
123,000	\$280.20	\$280.20	\$326.40	\$400.50	\$439.40	\$38.90	9.71%	\$159.20	56.82%
124,000	\$282.60	\$282.60	\$329.20	\$404.00	\$443.20	\$39.20	9.70%	\$160.60	56.83%
125,000	\$285.00	\$285.00	\$332.00	\$407.50	\$447.00	\$39.50	9.69%	\$162.00	56.84%
250,000	\$585.00	\$585.00	\$682.00	\$845.00	\$922.00	\$77.00	9.11%	\$337.00	57.61%
500,000	\$1,185.00	\$1,185.00	\$1,382.00	\$1,720.00	\$1,872.00	\$152.00	8.84%	\$687.00	57.97%
1,000,000	\$2,385.00	\$2,385.00	\$2,782.00	\$3,470.00	\$3,772.00	\$302.00	8.70%	\$1,387.00	58.16%
1,500,000	\$3,585.00	\$3,585.00	\$4,182.00	\$5,220.00	\$5,672.00	\$452.00	8.66%	\$2,087.00	58.21%
2,000,000	\$4,785.00	\$4,785.00	\$5,582.00	\$6,970.00	\$7,572.00	\$602.00	8.64%	\$2,787.00	58.24%

**Exhibit 4**

**Previous Memos**

**Memos dated March 28 and April 21, 2008, prepared in support of the last rate increase request considered by the Board**

OFFICE OF THE  
TOWN MANAGER



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**Town of Shrewsbury**  
MASSACHUSETTS 01545-5398

March 28, 2008

To: Board of Selectmen

From: Daniel J. Morgado

Re: Water Revenue and Water Rates

It is necessary for the Board to consider the current rate structure for the water utility. The last time the Board reviewed this mater was in March/April of 2006 when new rates were adopted. I have attached my cover memo to the Board of March 15, 2006, to provide a context in which the rates were adjusted last time.

The current rate structure generated in Fiscal Year 2007, \$3,138,007. Our current operation and maintenance cost projection for Fiscal Year 2009 is \$2,349,284 leaving \$788,723 to fund debt service and capital projects. In FY 2009, we will make our first payment on the new Masonic Water Tank in the amount of \$164,063. Debt authorized and not issued stands at \$1,750,000 which when issued will increase the total debt service for the water utility to approximately \$400,000 in Fiscal Year 2010 leaving \$300,000 to \$400,000 for capital improvements beyond Fiscal Year 2010.

In addition to capital needs, operation and maintenance costs will be affected by sharp increases in energy, chemicals and other materials and supplies.

We do have cash on hand in various accounts as follows:

Account	Amount
Water Systems Improvements	\$519,677
Water Conservation Fund	\$447,201
Various Completed Capital Projects	\$500,000
	\$1,466,878

However, capital improvements are very expensive and will require funding via current revenue since I recommend that no additional water debt be authorized for at least a five (5) year period. There has been a reduction in water consumption resulting partly from the aggressive rate schedule adopted by the Board. This has affected the amount of revenue generated for both water and sewer operations. Residential consumption has been as follows:

Period	Consumption
2003-12 to 2004-11	644,306,471
2004-12 to 2005-11	641,233,195
2005-12 to 2006-11	662,553,487
2006-12 to 2007-11	578,537,875

In light of increases being proposed in the sewer rate, I recommend that a moderated approach be taken on the water side and that rates be adjusted as shown on the attached.

If experience is an indicator, the proposed rates should increase revenue by 9% to 11% since consumption will be impacted.

Please advise with any questions.

Cc Robert Tozeski  
Michael Hale  
Jack Perreault

Analysis of Water Revenue Variance

	Estimate	July	August	September	October	November	December	January	February	March	April	May	June	Total
Water Revenue 2004	\$2,500,000.00	\$191,670.73	\$225,636.79	\$250,349.47	\$207,776.02	\$309,809.75	\$316,267.90	\$179,045.72	\$223,067.68	\$266,033.71	\$154,632.82	\$187,733.32	\$238,403.46	\$2,750,427.37
Water Revenue 2005	\$2,670,000.00	\$141,661.11	\$211,582.13	\$263,694.39	\$206,813.80	\$433,140.74	\$332,082.80	\$183,923.26	\$181,868.47	\$285,274.39	\$158,484.23	\$196,995.22	\$231,491.32	\$2,827,011.86
Water Revenue 2006	\$2,750,000.00	\$144,367.49	\$223,705.15	\$257,912.30	\$227,777.43	\$419,850.05	\$335,799.13	\$215,805.43	\$209,164.12	\$288,053.62	\$159,098.66	\$226,357.74	\$231,810.17	\$2,939,701.29
Water Revenue 2007	\$3,100,000.00	\$191,025.75	\$262,937.85	\$264,913.80	\$268,935.79	\$400,969.80	\$296,384.11	\$261,001.35	\$178,234.85	\$303,330.50	\$214,816.54	\$257,680.99	\$237,776.11	\$3,138,007.44
Water Revenue 2008	\$3,100,000.00	\$245,548.33	\$300,204.81	\$288,063.61	\$285,977.44	\$433,075.13	\$357,458.49	\$289,155.83	\$234,397.29					\$2,433,880.93
Variance					1.18	0.96	0.88	1.21	0.85	1.05	1.35	1.14	1.03	
Variance		1.29	1.14	1.09	1.26	1.03	1.06	1.34	1.12					
2005-10 to 2006-09	\$3,032,593.75													
2006-10 to 2007-09	\$3,252,946.79	1.07	Resulting from a 10%-15% increase in rates, revenue increased by 7%											

Summary of Non Single Family Water Revenue

	WATLAW	WATERS	WATERA	WATALN	WATCM	WATCML	WATCN	WATCNL	WATSCH	WATSCL										
2003-12	1	\$ 25	3	\$ 182	30	\$ 11,891	0	\$ -	165	\$ 23,265	0	\$ -	97	\$ 2,221	0	\$ -	15	\$ 2,403	7	\$ 4,572
2004-01	23	\$ 471	2	\$ 1,293	23	\$ 6,892	0	\$ -	62	\$ 32,078	2	\$ 310	101	\$ 2,911	0	\$ -	10	\$ 3,061	0	\$ -
2004-02	2	\$ 30	2	\$ 34	79	\$ 55,207	0	\$ -	248	\$ 34,917	1	\$ 296	360	\$ 10,854	0	\$ -	5	\$ 347	0	\$ -
2004-03	1	\$ 15	0	\$ -	31	\$ 12,599	0	\$ -	162	\$ 22,242	0	\$ -	93	\$ 2,297	0	\$ -	16	\$ 1,603	0	\$ -
2004-04	23	\$ 345	1	\$ 156	22	\$ 5,398	0	\$ -	60	\$ 23,833	0	\$ -	105	\$ 2,653	0	\$ -	10	\$ 2,620	0	\$ -
2004-05	2	\$ 39	7	\$ 527	79	\$ 50,060	13	\$ 494	248	\$ 30,529	3	\$ 241	365	\$ 10,590	5	\$ 179	5	\$ 377	0	\$ -
2004-06	1	\$ 15	4	\$ 107	30	\$ 11,093	0	\$ -	164	\$ 21,104	0	\$ -	104	\$ 2,199	0	\$ -	16	\$ 1,959	7	\$ 1,337
2004-07	23	\$ 895	4	\$ 294	23	\$ 5,559	0	\$ -	62	\$ 26,546	3	\$ 969	119	\$ 3,220	2	\$ 478	10	\$ 2,886	0	\$ -
2004-08	3	\$ 263	8	\$ 2,646	79	\$ 54,145	13	\$ 2,970	249	\$ 36,616	3	\$ 422	368	\$ 11,377	9	\$ 2,483	5	\$ 410	0	\$ -
2004-09	1	\$ 325	4	\$ 136	30	\$ 12,303	0	\$ -	175	\$ 26,726	0	\$ -	96	\$ 2,543	0	\$ -	16	\$ 4,713	7	\$ 14,101
2004-10	22	\$ 5,940	4	\$ 224	24	\$ 6,684	0	\$ -	65	\$ 36,605	3	\$ 3,469	127	\$ 5,092	2	\$ 1,332	10	\$ 3,137	0	\$ -
2004-11	3	\$ 203	8	\$ 2,986	79	\$ 59,832	13	\$ 2,938	247	\$ 41,116	3	\$ 629	369	\$ 12,587	9	\$ 2,376	5	\$ 350	0	\$ -
2004-12	1	\$ 175	2	\$ 97	30	\$ 12,896	0	\$ -	171	\$ 26,995	0	\$ -	90	\$ 2,458	0	\$ -	16	\$ 2,494	7	\$ 3,353
2005-01	23	\$ 588	2	\$ 21	24	\$ 5,885	0	\$ -	66	\$ 28,237	2	\$ 471	129	\$ 3,580	2	\$ 3	10	\$ 2,536	0	\$ -
2005-02	3	\$ 45	5	\$ 72	79	\$ 52,841	0	\$ -	248	\$ 32,498	2	\$ 285	371	\$ 11,905	0	\$ -	5	\$ 347	0	\$ -
2005-03	1	\$ 15	2	\$ 15	30	\$ 11,690	0	\$ -	170	\$ 20,384	0	\$ -	91	\$ 2,101	0	\$ -	16	\$ 2,159	2	\$ -
2005-04	23	\$ 345	0	\$ -	24	\$ 6,446	0	\$ -	67	\$ 24,457	1	\$ 24	137	\$ 3,753	0	\$ -	10	\$ 2,668	0	\$ -
2005-05	4	\$ 60	8	\$ 488	79	\$ 49,317	13	\$ 464	249	\$ 30,572	3	\$ 237	142	\$ 10,505	9	\$ 313	5	\$ 374	0	\$ -
2005-06	2	\$ 43	3	\$ 17	30	\$ 11,068	0	\$ -	133	\$ 23,288	0	\$ -	93	\$ 2,045	0	\$ -	16	\$ 2,302	7	\$ 1,416
2005-07	22	\$ 1,330	4	\$ 259	24	\$ 5,846	0	\$ -	65	\$ 26,810	3	\$ 888	145	\$ 3,641	2	\$ 76	10	\$ 2,768	0	\$ -
2005-08	3	\$ 87	9	\$ 4,298	79	\$ 53,474	13	\$ 3,577	249	\$ 35,581	3	\$ 253	371	\$ 11,331	9	\$ 2,409	5	\$ 457	0	\$ -
2005-09	1	\$ 50	3	\$ 266	30	\$ 12,648	0	\$ -	172	\$ 28,435	0	\$ -	98	\$ 2,553	0	\$ -	16	\$ 1,853	7	\$ 12,563
2005-10	23	\$ 8,630	4	\$ 463	24	\$ 6,640	0	\$ -	67	\$ 35,695	3	\$ 2,321	156	\$ 5,323	2	\$ 978	10	\$ 2,537	0	\$ -
2005-11	3	\$ 324	9	\$ 3,557	78	\$ 57,692	13	\$ 3,077	249	\$ 33,303	3	\$ 398	367	\$ 11,772	9	\$ 2,736	5	\$ 333	0	\$ -
2005-12	1	\$ 15	2	\$ 71	30	\$ 12,947	0	\$ -	171	\$ 28,501	0	\$ -	92	\$ 2,269	0	\$ -	16	\$ 2,732	7	\$ 7,263
2006-01	23	\$ 736	2	\$ 221	8	\$ 1,244	0	\$ -	64	\$ 25,633	3	\$ 588	153	\$ 4,424	2	\$ 339	10	\$ 2,872	0	\$ -
2006-02	3	\$ 45	2	\$ 19	79	\$ 59,003	0	\$ -	249	\$ 33,266	2	\$ 279	368	\$ 11,521	2	\$ 99	5	\$ 399	0	\$ -
2006-03	1	\$ 15	0	\$ -	30	\$ 12,297	0	\$ -	171	\$ 19,748	0	\$ -	98	\$ 2,322	0	\$ -	16	\$ 2,250	0	\$ -
2006-04	23	\$ 345	0	\$ -	24	\$ 6,112	0	\$ -	65	\$ 24,725	1	\$ 24	156	\$ 4,124	0	\$ -	10	\$ 2,789	0	\$ -
2006-05	3	\$ 73	9	\$ 729	79	\$ 48,572	13	\$ 456	251	\$ 28,489	3	\$ 252	369	\$ 9,308	8	\$ 260	5	\$ 367	0	\$ -
2006-06	1	\$ 15	3	\$ 45	30	\$ 11,677	0	\$ -	171	\$ 20,918	0	\$ -	106	\$ 2,344	0	\$ -	15	\$ 2,599	7	\$ 1,173
2006-07	23	\$ 740	6	\$ 520	24	\$ 7,271	0	\$ -	66	\$ 27,730	2	\$ 366	161	\$ 4,173	3	\$ 1,197	10	\$ 2,643	0	\$ -
2006-08	3	\$ 93	10	\$ 1,750	79	\$ 66,563	13	\$ 3,601	253	\$ 37,650	3	\$ 598	368	\$ 11,451	7	\$ 1,980	5	\$ 410	0	\$ -
2006-09	0	\$ -	3	\$ 216	36	\$ 17,307	0	\$ -	171	\$ 29,614	0	\$ -	118	\$ 3,473	0	\$ -	15	\$ 2,221	7	\$ 8,827
2006-10	23	\$ 4,883	5	\$ 886	24	\$ 7,653	0	\$ -	65	\$ 39,204	2	\$ 3,733	161	\$ 5,028	3	\$ 2,639	10	\$ 2,784	0	\$ -
2006-11	3	\$ 273	9	\$ 1,383	80	\$ 61,419	13	\$ 5,224	250	\$ 39,754	3	\$ 1,103	367	\$ 12,525	7	\$ 2,854	3	\$ 371	0	\$ -
2006-12	0	\$ -	2	\$ 81	40	\$ 15,261	0	\$ -	170	\$ 21,906	0	\$ -	131	\$ 3,239	0	\$ -	14	\$ 2,892	5	\$ 2,845
2007-01	23	\$ 801	0	\$ -	23	\$ 6,276	0	\$ -	64	\$ 25,804	2	\$ 437	161	\$ 4,351	0	\$ -	10	\$ 2,647	0	\$ -
2007-02	3	\$ 35	4	\$ 23	81	\$ 62,450	0	\$ -	251	\$ 37,030	3	\$ 582	370	\$ 11,345	7	\$ 5	5	\$ 382	0	\$ -
2007-03	0	\$ -	2	\$ 66	45	\$ 18,850	0	\$ -	170	\$ 23,629	0	\$ -	137	\$ 3,792	0	\$ -	14	\$ 2,694	0	\$ -
2007-04	0	\$ -	0	\$ -	24	\$ 6,571	0	\$ -	67	\$ 34,850	2	\$ 250	160	\$ 4,732	0	\$ -	10	\$ 2,994	0	\$ -
2007-05	0	\$ -	8	\$ 233	80	\$ 70,209	13	\$ 522	253	\$ 37,620	2	\$ 35	364	\$ 11,322	7	\$ 245	5	\$ 384	0	\$ -
2007-06	0	\$ -	3	\$ 66	48	\$ 19,063	0	\$ -	174	\$ 24,007	2	\$ -	142	\$ 3,515	0	\$ -	14	\$ 2,690	7	\$ 982
2007-07	22	\$ 2,016	2	\$ 402	24	\$ 7,140	0	\$ -	68	\$ 43,608	2	\$ 1,021	164	\$ 4,836	3	\$ 1,328	10	\$ 3,186	0	\$ -
2007-08	0	\$ -	9	\$ 3,508	80	\$ 65,529	13	\$ 5,386	254	\$ 41,562	2	\$ 203	360	\$ 11,732	7	\$ 3,809	5	\$ 388	0	\$ -
2007-09	1	\$ 17	3	\$ 323	48	\$ 23,780	0	\$ -	174	\$ 29,004	0	\$ -	147	\$ 4,361	0	\$ -	14	\$ 1,861	7	\$ 10,766
2007-10	23	\$ 6,545	5	\$ 876	24	\$ 7,148	0	\$ -	67	\$ 52,095	2	\$ 2,948	162	\$ 4,782	3	\$ 2,330	10	\$ 2,389	0	\$ -
2007-11	3	\$ 393	8	\$ 2,168	80	\$ 60,205	13	\$ 4,963	250	\$ 38,465	2	\$ 812	366	\$ 11,061	7	\$ 6,645	5	\$ 437	0	\$ -
2007-12	0	\$ -	2	\$ 117	48	\$ 23,277	0	\$ -	176	\$ 26,431	0	\$ -	151	\$ 4,347	0	\$ -	14	\$ 3,700	7	\$ 10,867
Total:	396	\$ 37,298	197	\$ 31,842	2228	\$ 1,275,930	156	\$ 33,672	7898	\$ 1,493,075	76	\$ 24,444	9826	\$ 295,888	126	\$ 37,093	497	\$ 93,775	91	\$ 80,065
2004-2005	136	\$18,175	69	\$12,970	694	\$378,209	52	\$10,056	2564	\$479,203	26	\$8,975	2874	\$93,458	44	\$10,223	171	\$31,760	37	\$38,696
2006-2007	101	\$14,963	65	\$10,348	785	\$472,138	52	\$16,095	2624	\$544,583	24	\$11,124	3461	\$104,441	44	\$19,855	158	\$32,020	33	\$34,287
		-18%		-20%		25%		60%		14%		24%		12%		94%		1%		-11%
2004-2005	\$1,081,726																			
2006-2007	\$1,259,854		16%																	

(H)

Table One  
Residential Consumption Analysis  
December 2005 to November 2007

Bill Period Range (gal)	2005-12					2006-01					2006-02				
	Records	Cumul. Usage	Cumul.Usage	Average		Records	Cumul. Usage	Cumul.Usage	Average		Record	Cumul. Usage	Cumul.Usage	Average	
0	108	108	121,400	121,400	1,124	100	100	86,560	86,560	866	125	125	127,450	127,450	1,020
2,500	220	328	892,060	1,013,460	4,055	184	284	738,280	824,840	4,012	225	350	902,940	1,030,390	4,013
5,000	245	573	1,549,380	2,562,840	6,324	208	492	1,342,120	2,166,960	6,453	256	606	1,622,380	2,652,770	6,337
7,500	287	860	2,549,800	5,112,640	8,884	377	869	3,370,891	5,537,851	8,941	367	973	3,285,550	5,938,320	8,952
10,000	284	1,144	3,221,660	8,334,300	11,344	391	1,260	4,431,310	9,969,161	11,333	317	1,290	3,620,078	9,558,398	11,420
12,500	283	1,427	3,900,990	12,235,290	13,784	460	1,720	6,396,930	16,366,091	13,906	384	1,674	5,334,550	14,892,948	13,892
15,000	279	1,706	4,579,560	16,814,850	16,414	372	2,092	6,094,190	22,460,281	16,382	305	1,979	4,999,480	19,892,428	16,392
17,500	248	1,954	4,662,980	21,477,830	18,802	360	2,452	6,795,900	29,256,181	18,878	305	2,284	5,748,340	25,640,768	18,847
20,000	163	2,117	3,464,620	24,942,450	21,255	263	2,715	5,601,370	34,857,551	21,298	201	2,485	4,295,200	29,935,968	21,369
22,500	123	2,240	2,921,750	27,864,200	23,754	243	2,958	5,777,600	40,635,151	23,776	153	2,638	3,636,000	33,571,968	23,765
25,000	81	2,321	2,132,020	29,996,220	26,321	151	3,109	3,974,980	44,610,131	26,324	116	2,754	3,058,610	36,630,578	26,367
27,500	77	2,398	2,211,900	32,208,120	28,726	144	3,253	4,145,600	48,755,731	28,789	76	2,830	2,200,460	38,831,038	28,953
30,000	53	2,451	1,658,400	33,866,520	31,291	89	3,342	2,789,610	51,545,341	31,344	50	2,880	1,568,400	40,399,438	31,368
32,500	42	2,493	1,413,000	35,279,520	33,643	76	3,418	2,572,120	54,117,461	33,844	44	2,924	1,489,800	41,889,238	33,859
35,000	28	2,521	1,018,870	36,298,390	36,388	48	3,466	1,747,400	55,864,861	36,404	21	2,945	760,570	42,649,808	36,218
37,500	30	2,551	1,163,870	37,462,260	38,796	64	3,530	2,485,800	58,350,661	38,841	18	2,963	696,600	43,346,408	38,700
40,000	33	2,584	1,417,500	38,879,760	42,955	55	3,585	2,354,140	60,704,801	42,803	20	2,983	853,100	44,199,508	42,655
45,000	26	2,610	1,225,320	40,105,080	47,128	36	3,621	1,705,100	62,409,901	47,364	12	2,995	559,450	44,758,958	46,621
50,000	9	2,619	471,400	40,576,480	52,378	14	3,635	736,200	63,146,101	52,586	12	3,007	632,360	45,391,318	52,697
55,000	6	2,625	345,400	40,921,880	57,567	19	3,654	1,098,000	64,244,101	57,789	6	3,013	346,900	45,738,218	57,817
60,000	4	2,629	251,000	41,172,880	62,750	7	3,661	441,800	64,685,901	63,114	3	3,016	188,400	45,926,618	62,800
65,000	3	2,632	204,700	41,377,580	68,233	4	3,665	271,900	64,957,801	67,975	2	3,018	137,600	46,064,218	68,800
70,000	8	2,640	582,300	41,959,880	72,788	4	3,669	297,700	65,255,501	74,425	1	3,019	74,100	46,138,318	74,100
75,000	2	2,642	157,300	42,117,180	78,650	8	3,677	624,300	65,879,801	78,038	1	3,020	76,200	46,214,518	76,200
80,000	1	2,643	80,800	42,197,980	80,800	1	3,678	85,000	65,964,801	85,000	0	3,020	0	46,214,518	
85,000	0	2,643	0	42,197,980		0	3,678	0	65,964,801		1	3,021	89,400	46,303,918	89,400
90,000	0	2,643	0	42,197,980		4	3,682	369,390	66,334,191	92,348	0	3,021	0	46,303,918	
95,000	0	2,643	0	42,197,980		0	3,682	0	66,334,191		1	3,022	98,400	46,402,318	98,400
100,000	1	2,644	100,700	42,298,680	100,700	2	3,684	217,000	66,551,191	108,500	1	3,023	102,000	46,504,318	102,000
125,000	1	2,645	127,900	42,426,580	127,900	2	3,686	376,740	66,927,931	188,370	0	3,023	0	46,504,318	
250,000	0	2,645	0	42,426,580		0	3,686	0	66,927,931		1	3,024	252,600	46,756,918	252,600
500,000	0	2,645	0	42,426,580		0	3,686	0	66,927,931		0	3,023	0	46,504,318	
	2,645		42,426,580			3,686		66,927,931			3,024		46,756,918		

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Residential Consumption Analysis  
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Bill Period Range (gal)	2006-03			2006-04			2006-05		
	Record	Cumul. Usage	Cumul. Usage Average	Record	Cumul. Usage	Cumul. Usage Average	Record	Cumul. Usage	Cumul. Usage Average
0	151	151	141,460	139	139	128,210	172	172	194,820
2,500	240	391	965,420	238	377	948,250	324	496	1,326,110
5,000	291	682	1,845,420	290	667	1,862,030	371	867	2,379,000
7,500	354	1,036	3,178,330	466	1,133	4,182,583	477	1,344	4,263,360
10,000	331	1,367	3,768,460	516	1,649	5,873,030	369	1,713	4,193,700
12,500	368	1,735	5,079,770	556	2,205	7,724,170	437	2,150	6,042,780
15,000	232	1,967	3,778,090	396	2,601	6,463,600	283	2,433	4,599,040
17,500	235	2,202	4,435,620	372	2,973	6,996,070	212	2,645	3,985,350
20,000	138	2,340	2,933,700	205	3,178	4,349,200	128	2,773	2,731,820
22,500	91	2,431	2,184,200	187	3,365	4,438,100	99	2,872	2,343,050
25,000	66	2,497	1,736,790	87	3,452	2,287,810	44	2,916	1,161,300
27,500	38	2,535	1,091,800	72	3,524	2,077,600	45	2,961	1,304,920
30,000	31	2,566	966,290	54	3,578	1,691,510	18	2,979	555,900
32,500	23	2,589	776,700	23	3,601	773,800	12	2,991	407,500
35,000	9	2,598	327,400	21	3,622	763,300	9	3,000	328,700
37,500	13	2,611	506,830	13	3,635	501,800	3	3,003	114,600
40,000	13	2,624	555,700	21	3,656	887,900	9	3,012	382,100
45,000	3	2,627	139,500	13	3,669	615,100	5	3,017	235,200
50,000	1	2,628	54,800	13	3,682	681,070	6	3,023	322,200
55,000	4	2,632	230,400	1	3,683	58,000	3	3,026	173,500
60,000	1	2,633	60,600	3	3,686	185,400	2	3,028	126,300
65,000	0	2,633	0	1	3,687	65,100	2	3,030	133,400
70,000	1	2,634	72,000	2	3,689	147,900	0	3,030	0
75,000	3	2,637	229,400	5	3,694	382,300	0	3,030	0
80,000	0	2,637	0	1	3,695	83,000	1	3,031	80,900
85,000	0	2,637	0	0	3,695	0	0	3,031	0
90,000	0	2,637	0	1	3,696	93,000	1	3,032	93,000
95,000	0	2,637	0	0	3,696	0	0	3,032	0
100,000	0	2,637	0	0	3,696	0	0	3,032	0
125,000	1	2,638	179,400	1	3,697	131,000	1	3,033	161,700
250,000	0	2,638	0	0	3,697	0	0	3,033	0
500,000	0	2,638	0	0	3,697	0	0	3,033	0
	2,638		35,238,080	3,697		54,390,833	3,033		37,640,250

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Residential Consumption Analysis  
December 2005 to November 2007

Bill Period Range (gal)	2006-06					2006-07					2006-08				
	Record	Cumul.	Usage	Cumul.Usage	Average	Record	Cumul.	Usage	Cumul.Usage	Average	Record	Cumul.	Usage	Cumul.Usage	Average
0	157	157	171,900	171,900	1,095	102	102	102,750	102,750	1,007	118	118	129,620	129,620	1,098
2,500	242	399	986,730	1,158,630	4,077	189	291	752,980	855,730	3,984	205	323	834,520	964,140	4,071
5,000	276	675	1,759,210	2,917,840	6,374	236	527	1,537,320	2,393,050	6,514	226	549	1,432,230	2,396,370	6,337
7,500	339	1,014	3,174,480	6,092,320	9,364	323	850	2,873,340	5,266,390	8,896	311	860	2,781,930	5,178,300	8,945
10,000	361	1,375	3,856,840	9,949,160	10,684	384	1,234	4,357,917	9,624,307	11,349	264	1,124	3,001,450	8,179,750	11,369
12,500	283	1,658	5,011,110	14,960,270	17,707	461	1,695	6,409,050	16,033,357	13,902	349	1,473	4,822,150	13,001,900	13,817
15,000	216	1,874	4,599,940	19,560,210	21,296	368	2,063	6,030,490	22,063,847	16,387	267	1,740	4,366,870	17,368,770	16,355
17,500	126	2,000	4,064,100	23,624,310	32,255	371	2,434	6,989,620	29,053,467	18,840	315	2,055	5,932,360	23,301,130	18,833
20,000	102	2,102	2,676,900	26,301,210	26,244	279	2,713	5,949,500	35,002,967	21,324	214	2,269	4,544,990	27,846,120	21,238
22,500	65	2,167	2,424,900	28,726,110	37,306	258	2,971	6,153,120	41,156,087	23,849	208	2,477	4,960,140	32,806,260	23,847
25,000	43	2,210	1,704,450	30,430,560	39,638	143	3,114	3,771,100	44,927,187	26,371	130	2,607	3,423,900	36,230,160	26,338
27,500	24	2,234	1,227,700	31,658,260	51,154	124	3,238	3,583,700	48,510,867	28,901	104	2,711	2,998,000	39,228,160	28,827
30,000	14	2,248	750,320	32,408,580	53,594	100	3,338	3,127,800	51,638,687	31,278	52	2,763	1,634,220	40,862,380	31,427
32,500	12	2,260	470,500	32,879,080	39,208	103	3,441	3,481,440	55,120,127	33,800	80	2,843	2,693,200	43,555,580	33,665
35,000	18	2,278	434,200	33,313,280	24,122	59	3,500	2,151,300	57,271,427	36,463	27	2,870	977,320	44,532,900	36,197
37,500	7	2,285	698,400	34,011,680	99,771	37	3,537	1,433,000	58,704,427	38,730	37	2,907	1,443,800	45,976,700	39,022
40,000	8	2,293	301,900	34,313,580	37,738	58	3,595	2,477,300	61,181,727	42,712	54	2,961	2,299,920	48,276,620	42,591
45,000	7	2,300	381,100	34,694,680	54,443	37	3,632	1,776,900	62,958,627	48,024	24	2,985	1,137,900	49,414,520	47,413
50,000	1	2,301	367,900	35,062,580	367,900	25	3,657	1,304,700	64,263,327	52,188	18	3,003	951,500	50,366,020	52,861
55,000	0	2,301	56,000	35,118,580		11	3,668	634,900	64,898,227	57,718	12	3,015	690,000	51,056,020	57,500
60,000	0	2,301	0	35,118,580		9	3,677	564,100	65,462,327	62,678	13	3,028	809,200	51,865,220	62,246
65,000	4	2,305	265,300	35,383,880	66,325	6	3,683	408,100	65,870,427	68,017	5	3,033	335,900	52,201,120	67,180
70,000	0	2,305	0	35,383,880		6	3,689	439,800	66,310,227	73,300	4	3,037	288,800	52,489,920	72,200
75,000	0	2,305	0	35,383,880		2	3,691	156,000	66,466,227	78,000	2	3,039	153,500	52,643,420	76,750
80,000	0	2,305	0	35,383,880		3	3,694	243,500	66,709,727	81,167	1	3,040	82,800	52,726,220	82,800
85,000	0	2,305	0	35,383,880		2	3,696	172,800	66,882,527	86,400	2	3,042	174,000	52,900,220	87,000
90,000	0	2,305	0	35,383,880		2	3,698	18,300	66,900,827	9,150	1	3,043	90,800	52,991,020	90,800
95,000	0	2,305	0	35,383,880		1	3,699	97,000	66,997,827	97,000	0	3,043	0	52,991,020	
100,000	1	2,306	121,800	35,505,680	121,800	2	3,701	224,100	67,221,927	112,050	1	3,044	112,000	53,103,020	112,000
125,000	0	2,306	0	35,505,680		1	3,702	225,700	67,447,627	225,700	1	3,045	191,000	53,294,020	191,000
250,000	0	2,306	0	35,505,680		0	3,702	0	67,447,627		0	3,045	0	53,294,020	
500,000	0	2,306	0	35,505,680		0	3,702	0	67,447,627		0	3,045	0	53,294,020	
	2,306		35,505,680			3,702		67,447,627			3,045		53,294,020		

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Residential Consumption Analysis  
December 2005 to November 2007

Bill Period Range (gal)	2006-09					2006-10					2006-11				
	Recon	Cumul.	Usage	Cumul.Usage	Average	Record	Cumul.	Usage	Cumul.Usage	Average	Record	Cumul.	Usage	Cumul.Usage	Average
0	104	104	101,520	101,520	976	93	93	87,040	87,040	936	139	139	135,520	135,520	975
2,500	175	279	725,820	827,340	4,148	148	241	602,660	689,700	4,072	221	360	917,250	1,052,770	4,150
5,000	202	481	1,302,200	2,129,540	6,447	180	421	1,137,540	1,827,240	6,320	249	609	1,596,300	2,649,070	6,411
7,500	233	714	2,072,370	4,201,910	8,894	255	676	2,275,127	4,102,367	8,922	340	949	30,536,920	33,185,990	89,814
10,000	237	951	2,689,090	6,891,000	11,346	300	976	3,415,050	7,517,417	11,384	300	1,249	3,418,440	36,604,430	11,395
12,500	277	1,228	3,851,950	10,742,950	13,906	348	1,324	4,836,521	12,353,938	13,898	335	1,584	4,632,260	41,236,690	13,828
15,000	235	1,463	3,850,960	14,593,910	16,387	283	1,607	4,630,980	16,984,918	16,364	280	1,864	4,595,850	45,832,540	16,414
17,500	233	1,696	4,402,240	18,996,150	18,894	321	1,928	6,030,690	23,015,608	18,787	263	2,127	4,969,120	50,801,660	18,894
20,000	183	1,879	3,901,890	22,898,040	21,322	231	2,159	4,931,840	27,947,448	21,350	184	2,311	3,913,100	54,714,760	21,267
22,500	166	2,045	3,943,840	26,841,880	23,758	213	2,372	5,077,100	33,024,548	23,836	172	2,483	4,101,400	58,816,160	23,845
25,000	111	2,156	2,926,810	29,768,690	26,368	183	2,555	4,811,200	37,835,748	26,291	101	2,584	2,643,890	61,460,050	26,177
27,500	106	2,262	3,058,400	32,827,090	28,853	177	2,732	5,128,000	42,963,748	28,972	112	2,696	3,228,930	64,688,980	28,830
30,000	61	2,323	1,909,300	34,736,390	31,300	108	2,840	3,391,900	46,355,648	31,406	69	2,765	2,165,200	66,854,180	31,380
32,500	62	2,385	2,109,050	36,845,440	34,017	123	2,963	4,153,340	50,508,988	33,767	57	2,822	1,929,800	68,783,980	33,856
35,000	54	2,439	1,958,400	38,803,840	36,267	92	3,055	3,352,200	53,861,188	36,437	35	2,857	1,275,800	70,059,780	36,451
37,500	41	2,480	1,592,200	40,396,040	38,834	81	3,136	3,154,800	57,015,988	38,948	35	2,892	1,360,600	71,420,380	38,874
40,000	42	2,522	1,790,960	42,187,000	42,642	118	3,254	5,033,000	62,048,988	42,653	49	2,941	2,092,300	73,512,680	42,700
45,000	41	2,563	1,958,700	44,145,700	47,773	87	3,341	4,138,800	66,187,788	47,572	27	2,968	1,286,300	74,798,980	47,641
50,000	27	2,590	1,417,900	45,563,600	52,515	74	3,415	3,893,100	70,080,888	52,609	22	2,990	1,157,800	75,956,780	52,627
55,000	17	2,607	974,700	46,538,300	57,335	54	3,469	3,106,100	73,186,988	57,520	18	3,008	1,028,000	76,984,780	57,111
60,000	10	2,617	631,700	47,170,000	63,170	52	3,521	3,256,700	76,443,688	62,629	6	3,014	374,700	77,359,480	62,450
65,000	7	2,624	476,900	47,646,900	68,129	36	3,557	2,432,400	78,876,088	67,567	3	3,017	200,500	77,559,980	0
70,000	9	2,633	654,500	48,301,400	72,722	24	3,581	1,747,800	80,623,888	72,825	7	3,024	504,800	78,064,780	72,114
75,000	3	2,636	232,100	48,533,500	77,367	33	3,614	2,561,900	83,185,788	77,633	4	3,028	308,700	78,373,480	77,175
80,000	3	2,639	247,900	48,781,400	82,633	17	3,631	1,406,300	84,592,088	82,724	2	3,030	167,700	78,541,180	83,850
85,000	1	2,640	88,000	48,869,400	88,000	17	3,648	1,495,200	86,087,288	87,953	2	3,032	174,000	78,715,180	87,000
90,000	1	2,641	94,000	48,963,400	94,000	14	3,662	1,298,900	87,386,188	92,779	3	3,035	275,700	78,990,880	91,900
95,000	0	2,641	0	48,963,400		10	3,672	979,000	88,365,188	97,900	0	3,035	0	78,990,880	0
100,000	4	2,645	450,700	49,414,100	112,675	35	3,707	3,959,800	92,324,988	113,137	2	3,037	208,400	79,199,280	104,200
125,000	0	2,645	0	49,414,100		11	3,718	1,911,700	94,236,688	173,791	2	3,039	328,100	79,527,380	164,050
250,000	0	2,645	0	49,414,100		1	3,719	276,000	94,512,688	276,000	0	3,039	0	79,527,380	
500,000	0	2,645	0	49,414,100		0	3,718	0	94,236,688		0	3,039	0	79,527,380	
	2,645		49,414,100			3,719		94,512,688			3,039		79,527,380		

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Residential Consumption Analysis  
December 2005 to November 2007

Bill Period Range (gal)	2006-12					2007-01					2007-02				
	Record	Cumul.	Usage	Cumul.Usage	Average	Record	Cumul.	Usage	Cumul.Usage	Average	Record	Cumul.	Usage	Cumul.Usage	Average
0	142	142	145,580	145,580	1,025	129	129	116,130	116,130	900	130	130	142,770	142,770	1,098
2,500	302	444	1,232,410	1,377,990	4,081	237	366	949,120	1,065,250	4,005	279	409	1,149,650	1,292,420	4,121
5,000	312	756	2,010,600	3,388,590	6,444	301	667	1,922,991	2,988,241	6,389	313	722	1,998,420	3,290,840	6,385
7,500	410	1,166	3,672,500	7,061,090	8,957	545	1,212	4,873,519	7,861,760	8,942	409	1,131	3,642,590	6,933,430	8,906
10,000	357	1,523	4,032,810	11,093,900	11,296	468	1,680	5,285,280	13,147,040	11,293	352	1,483	3,994,910	10,928,340	11,349
12,500	349	1,872	4,836,970	15,930,870	13,860	549	2,229	7,609,730	20,756,770	13,861	424	1,907	5,876,290	16,804,630	13,859
15,000	236	2,108	3,852,350	19,783,220	16,324	402	2,631	6,596,470	27,353,240	16,409	293	2,200	4,795,200	21,599,830	16,366
17,500	171	2,279	3,208,680	22,991,900	18,764	350	2,981	6,592,940	33,946,180	18,837	283	2,483	5,316,590	26,916,420	18,787
20,000	123	2,402	2,613,440	25,605,340	21,247	219	3,200	4,683,230	38,629,410	21,385	142	2,625	3,016,240	29,932,660	21,241
22,500	74	2,476	1,751,800	27,357,140	23,673	167	3,367	3,983,300	42,612,710	23,852	145	2,770	3,459,700	33,392,360	23,860
25,000	48	2,524	1,261,000	28,618,140	26,271	90	3,457	2,370,700	44,983,410	26,341	76	2,846	2,003,010	35,395,370	26,355
27,500	37	2,561	1,065,500	29,683,640	28,797	74	3,531	2,128,600	47,112,010	28,765	50	2,896	1,436,110	36,831,480	28,722
30,000	23	2,584	718,200	30,401,840	31,226	37	3,568	1,161,700	48,273,710	31,397	24	2,920	751,000	37,582,480	31,292
32,500	23	2,607	773,030	31,174,870	33,610	42	3,610	1,423,200	49,696,910	33,886	27	2,947	903,400	38,485,880	33,459
35,000	4	2,611	146,000	31,320,870	36,500	26	3,636	942,500	50,639,410	36,250	22	2,969	801,500	39,287,380	36,432
37,500	11	2,622	422,600	31,743,470	38,418	26	3,662	1,011,800	51,651,210	38,915	12	2,981	468,200	39,755,580	39,017
40,000	13	2,635	554,300	32,297,770	42,638	28	3,690	1,182,000	52,833,210	42,214	13	2,994	551,103	40,306,683	42,393
45,000	3	2,638	147,500	32,445,270	49,167	16	3,706	770,200	53,603,410	48,138	11	3,005	522,100	40,828,783	47,464
50,000	6	2,644	319,900	32,765,170	53,317	11	3,717	581,100	54,184,510	52,827	4	3,009	207,700	41,036,483	51,925
55,000	1	2,645	55,100	32,820,270	55,100	5	3,722	287,700	54,472,210	57,540	1	3,010	59,100	41,095,583	59,100
60,000	2	2,647	128,600	32,948,870	64,300	2	3,724	124,000	54,596,210	62,000	3	3,013	185,600	41,281,183	61,867
65,000	0	2,647	0	32,948,870		0	3,724	0	54,596,210		2	3,015	139,500	41,420,683	69,750
70,000	1	2,648	75,000	33,023,870	75,000	2	3,726	144,000	54,740,210	72,000	1	3,016	70,100	41,490,783	70,100
75,000	0	2,648	0	33,023,870		1	3,727	79,000	54,819,210	79,000	1	3,017	75,200	41,565,983	75,200
80,000	0	2,648	0	33,023,870		0	3,727	0	54,819,210		0	3,017	0	41,565,983	
85,000	1	2,649	87,000	33,110,870	87,000	0	3,727	0	54,819,210		1	3,018	86,700	41,652,683	86,700
90,000	0	2,649	0	33,110,870		0	3,727	0	54,819,210		0	3,018	0	41,652,683	
95,000	0	2,649	0	33,110,870		0	3,727	0	54,819,210		0	3,018	0	41,652,683	
100,000	0	2,649	0	33,110,870		2	3,729	224,300	55,043,510	112,150	1	3,019	112,700	41,765,383	112,700
125,000	0	2,649	0	33,110,870		0	3,729	0	55,043,510		1	3,020	207,750	41,973,133	207,750
250,000	0	2,649	0	33,110,870		0	3,729	0	55,043,510		0	3,020	0	41,973,133	
500,000	0	2,649	0	33,110,870		0	3,729	0	55,043,510		0	3,020	0	41,973,133	
	2,649		33,110,870			3,729		55,043,510			3,020		41,973,133		

(b)

Table One.  
Residential Consumption Analysis  
December 2005 to November 2007

Bill Period Range (gal)	2007-03					2007-04					2007-05				
	Record	Cumul. Usage	Cumul. Usage	Average		Record	Cumul. Usage	Cumul. Usage	Average		Record	Cumul. Usage	Cumul. Usage	Average	
0	147	147	133,690	133,690	909	149	149	133,690	134,400	897	161	161	163,320	163,320	1,014
2,500	235	382	960,200	1,093,890	4,086	210	359	960,200	843,100	4,572	273	434	1,112,970	1,276,290	4,077
5,000	266	648	1,697,820	2,791,710	6,383	288	647	1,697,820	1,836,790	5,895	324	758	2,076,290	3,352,580	6,408
7,500	321	969	2,855,100	5,646,810	8,894	443	1,090	2,855,100	3,975,668	6,445	457	1,215	4,083,420	7,436,000	8,935
10,000	343	1,312	3,906,500	9,553,310	11,389	443	1,533	3,906,500	5,030,900	8,818	370	1,585	4,200,760	11,636,760	11,353
12,500	351	1,663	4,838,460	14,391,770	13,785	540	2,073	4,838,460	7,500,700	8,960	407	1,992	5,661,970	17,298,730	13,911
15,000	261	1,924	4,261,710	18,653,480	16,328	397	2,470	4,261,710	6,496,790	10,735	282	2,274	4,606,600	21,905,330	16,335
17,500	265	2,189	4,972,700	23,626,180	18,765	404	2,874	4,972,700	7,627,210	12,309	278	2,552	5,214,170	27,119,500	18,756
20,000	160	2,349	3,393,780	27,019,960	21,211	240	3,114	3,393,780	5,113,610	14,141	137	2,689	2,912,440	30,031,940	21,259
22,500	118	2,467	2,806,660	29,826,620	23,785	208	3,322	2,806,660	4,937,100	13,494	109	2,798	2,600,600	32,632,540	23,859
25,000	62	2,529	1,628,700	31,455,320	26,269	113	3,435	1,628,700	2,965,900	14,413	83	2,881	2,170,600	34,803,140	26,152
27,500	47	2,576	1,357,900	32,813,220	28,891	110	3,545	1,357,900	3,170,980	12,345	48	2,929	1,386,900	36,190,040	28,894
30,000	26	2,602	812,500	33,625,720	31,250	42	3,587	812,500	1,318,900	19,345	25	2,954	782,600	36,972,640	31,304
32,500	15	2,617	508,140	34,133,860	33,876	40	3,627	508,140	1,348,300	12,704	27	2,981	914,600	37,887,240	33,874
35,000	185	2,802	649,900	34,783,760	3,513	23	3,650	649,900	839,300	28,257	8	2,989	288,100	38,175,340	36,013
37,500	7	2,809	271,100	35,054,860	38,729	23	3,673	271,100	902,200	11,787	14	3,003	544,200	38,719,540	38,871
40,000	7	2,816	299,900	35,354,760	42,843	18	3,691	299,900	778,100	16,661	15	3,018	638,700	39,358,240	42,580
45,000	8	2,824	383,840	35,738,600	47,980	9	3,700	383,840	428,800	42,649	9	3,027	424,700	39,782,940	47,189
50,000	3	2,827	156,000	35,894,600	52,000	3	3,703	156,000	162,000	52,000	8	3,035	419,770	40,202,710	52,471
55,000	1	2,828	59,500	35,954,100	59,500	6	3,709	59,500	340,200	9,917	2	3,037	112,000	40,314,710	56,000
60,000	0	2,828	0	35,954,100		4	3,713	0	254,800	0	2	3,039	126,500	40,441,210	63,250
65,000	1	2,829	66,000	36,020,100	66,000	2	3,715	66,000	136,500	33,000	1	3,040	67,400	40,508,610	67,400
70,000	0	2,829	0	36,020,100		3	3,718	0	220,000	0	0	3,040	0	40,508,610	
75,000	2	2,831	152,300	36,172,400	76,150	1	3,719	152,300	76,000	152,300	1	3,041	78,200	40,586,810	78,200
80,000	1	2,832	82,900	36,255,300	82,900	0	3,719	82,900	0	0	0	3,041	0	40,586,810	
85,000	0	2,832	0	36,255,300		1	3,720	0	86,000	0	0	3,041	0	40,586,810	
90,000	1	2,833	93,000	36,348,300	93,000	0	3,720	93,000	0	0	0	3,041	0	40,586,810	
95,000	0	2,833	0	36,348,300		0	3,720	0	0	0	0	3,041	0	40,586,810	
100,000	1	2,834	105,000	36,453,300	105,000	1	3,721	105,000	105,000	105,000	1	3,042	112,000	40,698,810	112,000
125,000	0	2,834	0	36,453,300		1	3,722	0	249,300	0	1	3,043	144,600	40,843,410	144,600
250,000	0	2,834	0	36,453,300		0	3,722	0	0	0	0	3,043	0	40,843,410	
500,000	0	2,834	0	36,453,300		0	3,722	0	0	0	0	3,043	0	40,843,410	
	2,834		36,453,300			3,722		36,453,300			3,043		40,843,410		

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Table One  
Residential Consumption Analysis  
December 2005 to November 2007

Bill Period Range (gal)	2007-06					2007-07					2007-08				
	Record	Cumul.	Usage	Cumul.Usage	Average	Record	Cumul.	Usage	Cumul.Usage	Average	Record	Cumul.	Usage	Cumul.Usage	Average
0	155	155	153,640	153,640	991	103	103	101,400	101,400	984	100	100	100,900	100,900	1,009
2,500	263	418	1,080,940	1,234,580	4,110	178	281	720,500	821,900	4,048	197	297	808,240	909,140	4,103
5,000	297	715	1,889,470	3,124,050	6,362	203	484	1,307,350	2,129,250	6,440	249	546	1,579,850	2,488,990	6,345
7,500	401	1,116	3,583,460	6,707,510	8,936	393	877	3,504,430	5,633,680	8,917	290	836	2,596,553	5,085,543	8,954
10,000	375	1,491	4,274,290	10,981,800	11,398	384	1,261	4,355,320	9,989,000	11,342	288	1,124	3,264,340	8,349,883	11,335
12,500	386	1,877	5,376,260	16,358,060	13,928	412	1,673	5,721,800	15,710,800	13,888	296	1,420	4,121,020	12,470,903	13,922
15,000	226	2,103	3,691,500	20,049,560	16,334	392	2,065	6,401,480	22,112,280	16,330	266	1,686	4,346,120	16,817,023	16,339
17,500	232	2,335	4,367,480	24,417,040	18,825	360	2,425	6,802,970	28,915,250	18,897	272	1,958	5,124,500	21,941,523	18,840
20,000	121	2,456	2,575,020	26,992,060	21,281	262	2,687	5,585,350	34,500,600	21,318	188	2,146	4,006,330	25,947,853	21,310
22,500	87	2,543	2,075,720	29,067,780	23,859	245	2,932	5,842,120	40,342,720	23,845	179	2,325	4,275,440	30,223,293	23,885
25,000	44	2,587	1,159,900	30,227,680	26,361	176	3,108	4,641,800	44,984,520	26,374	148	2,473	3,896,040	34,119,333	26,325
27,500	30	2,617	864,300	31,091,980	28,810	134	3,242	3,860,900	48,845,420	28,813	147	2,620	4,243,100	38,362,433	28,865
30,000	20	2,637	629,392	31,721,372	31,470	85	3,327	2,661,800	51,507,220	31,315	59	2,679	1,846,040	40,208,473	31,289
32,500	18	2,655	606,100	32,327,472	33,672	78	3,405	2,635,100	54,142,320	33,783	67	2,746	2,264,100	42,472,573	33,793
35,000	5	2,660	181,400	32,508,872	36,280	57	3,462	2,070,000	56,212,320	36,316	54	2,800	1,968,300	44,440,873	36,450
37,500	8	2,668	310,400	32,819,272	38,800	50	3,512	1,950,000	58,162,320	39,000	53	2,853	2,056,000	46,496,873	38,792
40,000	8	2,676	337,700	33,156,972	42,213	80	3,592	3,390,100	61,552,420	42,376	61	2,914	2,590,357	49,087,230	42,465
45,000	0	2,676	0	33,156,972		59	3,651	2,797,410	64,349,830	47,414	45	2,959	2,149,900	51,237,130	47,776
50,000	0	2,676	0	33,156,972		25	3,676	1,316,400	65,666,230	52,656	24	2,983	1,255,300	52,492,430	52,304
55,000	1	2,677	57,000	33,213,972	57,000	15	3,691	857,000	66,523,230	57,133	14	2,997	807,900	53,300,330	57,707
60,000	0	2,677	0	33,213,972		11	3,702	687,900	67,211,130	62,536	15	3,012	947,100	54,247,430	63,140
65,000	0	2,677	0	33,213,972		14	3,716	953,900	68,165,030	68,136	6	3,018	409,100	54,656,530	68,183
70,000	1	2,678	73,000	33,286,972	73,000	3	3,719	214,500	68,379,530	71,500	5	3,023	362,800	55,019,330	72,560
75,000	0	2,678	0	33,286,972		2	3,721	154,000	68,533,530	77,000	4	3,027	309,500	55,328,830	77,375
80,000	0	2,678	0	33,286,972		3	3,724	249,200	68,782,730	83,067	2	3,029	164,300	55,493,130	82,150
85,000	0	2,678	0	33,286,972		1	3,725	87,000	68,869,730	87,000	2	3,031	177,900	55,671,030	88,950
90,000	1	2,679	91,000	33,377,972	91,000	1	3,726	92,000	68,961,730	92,000	1	3,032	94,000	55,765,030	94,000
95,000	0	2,679	0	33,377,972		0	3,726	0	68,961,730		1	3,033	97,700	55,862,730	97,700
100,000	0	2,679	0	33,377,972		2	3,728	212,700	69,174,430	106,350	3	3,036	332,700	56,195,430	110,900
125,000	0	2,679	0	33,377,972		2	3,730	323,100	69,497,530	161,550	2	3,038	387,000	56,582,430	193,500
250,000	0	2,679	0	33,377,972		0	3,730	0	69,497,530		0	3,038	0	56,582,430	
500,000	0	2,679	0	33,377,972		0	3,730	0	69,497,530		0	3,038	0	56,582,430	
	2,678		33,377,972			3,730		69,497,530			3,038		56,582,430		

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Table One  
Residential Consumption Analysis  
December 2005 to November 2007

Bill Period Range (gal)	2007-09			2007-10			2007-11		
	Record	Cumul. Usage	Cumul.Usage Average	Record	Cumul. Usage	Cumul.Usage Average	Record	Cumul. Usage	Cumul.Usage Average
0	111	111	107,230	99	99	100,230	124	124	126,610
2,500	183	294	755,400	147	246	602,690	231	355	936,370
5,000	193	487	1,222,100	168	414	1,073,540	250	605	1,583,710
7,500	258	745	2,306,570	260	674	2,335,420	315	920	2,800,310
10,000	231	976	2,625,190	290	964	3,291,600	257	1,177	2,914,230
12,500	290	1,266	4,015,400	332	1,296	4,584,950	282	1,459	3,922,000
15,000	219	1,485	3,580,570	271	1,567	4,438,970	255	1,714	4,167,840
17,500	245	1,730	4,624,500	263	1,830	4,961,800	263	1,977	4,957,390
20,000	181	1,911	3,861,200	220	2,050	4,700,870	183	2,160	3,899,610
22,500	173	2,084	4,113,280	239	2,289	5,704,200	174	2,334	4,143,150
25,000	99	2,183	2,609,500	130	2,419	3,419,600	122	2,456	3,208,400
27,500	91	2,274	2,628,940	144	2,563	4,164,400	115	2,571	3,314,200
30,000	58	2,332	1,809,700	128	2,691	4,016,940	72	2,643	2,261,100
32,500	75	2,407	2,553,500	109	2,800	3,684,400	69	2,712	2,326,800
35,000	38	2,445	1,388,100	89	2,889	3,232,500	50	2,762	1,819,510
37,500	36	2,481	1,400,320	96	2,985	3,734,150	40	2,802	1,559,100
40,000	47	2,528	2,004,700	132	3,117	5,625,200	61	2,863	2,613,900
45,000	32	2,560	1,521,100	108	3,225	5,142,000	45	2,908	2,137,160
50,000	26	2,586	1,363,770	92	3,317	4,852,100	34	2,942	1,785,000
55,000	13	2,599	750,800	68	3,385	3,924,200	26	2,968	1,512,700
60,000	15	2,614	934,300	48	3,433	2,999,000	16	2,984	1,009,800
65,000	7	2,621	483,000	51	3,484	3,446,700	18	3,002	1,221,100
70,000	6	2,627	437,300	52	3,536	3,771,800	6	3,008	432,800
75,000	5	2,632	387,900	44	3,580	3,429,900	5	3,013	390,900
80,000	7	2,639	579,800	24	3,604	1,991,100	5	3,018	416,200
85,000	2	2,641	173,400	18	3,622	1,584,500	4	3,022	350,000
90,000	3	2,644	279,500	22	3,644	2,032,700	2	3,024	186,900
95,000	2	2,646	194,100	24	3,668	2,343,300	2	3,026	198,300
100,000	3	2,649	340,400	56	3,724	6,211,600	6	3,032	635,100
125,000	0	2,649	0	25	3,749	3,776,800	4	3,036	596,800
250,000	0	2,649	0	1	3,750	261,600	1	3,037	279,000
500,000	0	2,649	0	0	3,749	0	0	3,036	0
	2,649		49,051,570	3,750		105,438,760	3,037		57,705,990

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Table One  
 Residential Consumption Analysis  
 December 2005 to November 2007

Bill Period Range (gal)	Total Bills	Cumul	Percent
0	3,058	3,058	4.07%
2,500	5,346	8,404	11.20%
5,000	6,194	14,598	19.45%
7,500	8,631	23,229	30.95%
10,000	8,212	31,441	41.89%
12,500	9,159	40,600	54.09%
15,000	7,016	47,616	63.44%
17,500	6,747	54,363	72.43%
20,000	4,467	58,830	78.38%
22,500	3,896	62,726	83.57%
25,000	2,447	65,173	86.83%
27,500	2,126	67,299	89.66%
30,000	1,298	68,597	91.39%
32,500	1,247	69,844	93.05%
35,000	982	70,826	94.36%
37,500	755	71,581	95.37%
40,000	963	72,544	96.65%
45,000	663	73,207	97.53%
50,000	458	73,665	98.14%
55,000	304	73,969	98.55%
60,000	228	74,197	98.85%
65,000	175	74,372	99.08%
70,000	146	74,518	99.28%
75,000	129	74,647	99.45%
80,000	72	74,719	99.55%
85,000	55	74,774	99.62%
90,000	58	74,832	99.70%
95,000	41	74,873	99.75%
100,000	125	74,998	99.92%
125,000	57	75,055	99.99%
250,000	4	75,059	100.00%
500,000	0	75,059	100.00%

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Table One  
 Residential Consumption Analysis  
 December 2003 to November 2005

Bill Period Range (gal)	Bill Period Range (gal)	Total Bills	Cumul	Percent
0	0	3,079	3,079	4.16%
2,500	2,500	5,555	8,634	11.66%
5,000	5,000	5,878	14,512	19.60%
7,500	7,500	8,337	22,849	30.85%
10,000	10,000	8,006	30,855	41.66%
12,500	12,500	8,833	39,688	53.59%
15,000	15,000	7,048	46,736	63.11%
17,500	17,500	6,488	53,224	71.87%
20,000	20,000	4,532	57,756	77.99%
22,500	22,500	3,812	61,568	83.13%
25,000	25,000	2,479	64,047	86.48%
27,500	27,500	2,075	66,122	89.28%
30,000	30,000	1,329	67,451	91.08%
32,500	32,500	1,174	68,625	92.66%
35,000	35,000	797	69,422	93.74%
37,500	37,500	806	70,228	94.83%
40,000	40,000	895	71,123	96.04%
45,000	45,000	680	71,803	96.96%
50,000	50,000	498	72,301	97.63%
55,000	55,000	370	72,671	98.13%
60,000	60,000	250	72,921	98.46%
65,000	65,000	202	73,123	98.74%
70,000	70,000	182	73,305	98.98%
75,000	75,000	124	73,429	99.15%
80,000	80,000	105	73,534	99.29%
85,000	85,000	89	73,623	99.41%
90,000	90,000	85	73,708	99.53%
95,000	95,000	64	73,772	99.61%
100,000	100,000	164	73,936	99.84%
125,000	125,000	116	74,052	99.99%
500,000	500,000	6	74,058	100.00%

2003 to 2005

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**Water Rates**  
**Effective With September 2008 Billing\***

3/28/2008

Rate Code	Description	Volume	June 1, 2003 Rate	May 1, 2006 Rate	Rate Effective September 2008 Billing	Percent
WATER	Residential Water	Minimum - 0 to 5,000 Gallons	\$15.00	\$16.50	\$19.00	15.15%
		5,001 to 25,000 Gallons	\$2.50	\$2.85	\$3.20	12.28%
		25,001 to 50,000 Gallons	\$4.50	\$5.20	\$6.00	15.38%
		Over 50,001 Gallons	\$5.50	\$6.35	\$7.75	22.05%
WATCM	Commercial	Minimum - 0 to 5,000 Gallons	\$24.00	\$27.50	\$32.50	18.18%
		5,001 to 50,000 Gallons	\$1.80	\$2.10	\$2.50	19.05%
		Over 50,001 Gallons	\$2.40	\$2.80	\$3.50	25.00%
WATCN	Condominiums	Minimum - 0 to 5,000 Gallons	\$15.00	\$16.50	\$19.00	15.15%
		5,001 to 25,000 Gallons	\$2.50	\$2.85	\$3.20	12.28%
		25,001 to 50,000 Gallons	\$4.50	\$5.20	\$6.00	15.38%
		Over 50,001 Gallons	\$5.50	\$6.35	\$7.75	22.05%
WATERA	Apartments	Flat Rate	\$3.00/1,000 gallons	\$3.45/1,000 gallons	\$4.00/1,000 gallons	14.28%
WATLAW	Residential Lawns	Minimum - 0 to 5,000 Gallons	\$15.00	\$4.50/1,000 Gallons	\$5.75/1,000 Gallons	27.78%
		5,001 to 25,000 Gallons	\$2.50	0 to 60,000 Gallons	0 to 60,000 Gallons	
		25,001 to 50,000 Gallons	\$4.50	\$4.75/1,000 Gallons	\$6.00/1,000 Gallons	26.32%
		Over 50,001 Gallons	\$5.50	Above 60,001 Gallons	Above 60,001 Gallons	
WATERS	Residential Summer	Flat Rate	\$3.00/1,000 Gallons	\$4.50/1,000 Gallons	\$5.75/1,000 Gallons	27.78%
				0 to 60,000 Gallons	0 to 60,000 Gallons	
				\$4.75/1,000 Gallons	\$6.00/1,000 Gallons	26.32%
				Above 60,001 Gallons	Above 60,001 Gallons	
WATALN	Apartment Lawns	Flat Rate	\$3.00/1,000 Gallons	\$4.50/1,000 Gallons	\$5.75/1,000 Gallons	27.78%
				0 to 60,000 Gallons	0 to 60,000 Gallons	
				\$4.75/1,000 Gallons	\$6.00/1,000 Gallons	26.32%
				Above 60,001 Gallons	Above 60,001 Gallons	
WATCML	Commercial Lawns	Flat Rate	\$3.00/1,000 Gallons	\$4.50/1,000 Gallons	\$5.75/1,000 Gallons	27.78%
				0 to 60,000 Gallons	0 to 60,000 Gallons	
				\$4.75/1,000 Gallons	\$6.00/1,000 Gallons	26.32%
				Above 60,001 Gallons	Above 60,001 Gallons	
WATCNL	Condominium Lawns	Flat Rate	\$3.00/1,000 Gallons	\$4.50/1,000 Gallons	\$5.75/1,000 Gallons	27.78%
				0 to 60,000 Gallons	0 to 60,000 Gallons	
				\$4.75/1,000 Gallons	\$6.00/1,000 Gallons	26.32%
				Above 60,001 Gallons	Above 60,001 Gallons	
WATSCH	School & Municipal	Minimum - 0 to 5,000 Gallons	\$24.00	\$24.00	\$24.00	
		5,001 to 50,000 Gallons	\$1.80	\$1.80	\$1.80	
		Over 50,001 Gallons	\$2.40	\$2.40	\$2.40	
WATSCL	School & Municipal Lawns	Flat Rate	\$3.00/1,000 Gallons	\$3.00/1,000 Gallons	\$3.00/1,000 Gallons	

July 1, 1999 Rate	
Minimum - 0 to 5,000 Gallons	\$24.00
5,001 to 25,000 Gallons	\$1.80
25,001 to 50,000 Gallons	\$1.80
Over 50,001 Gallons	\$2.40

\*In effect for water sold after May 1, 2008

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Water Rate Scenario  
March 2008

Quarterly Usage	Current Rate \$16.50 Minimum(5k); 5k to 25k \$2.85/1000 gals; 25k to 50k \$5.20/ 1000 gals; Over 50k \$6.35/1000 gals	Cost Per Thousand	Proposed Rate \$19.00 Minimum(5k); 5k to 25k \$3.20/1000 gals; 25k to 50k \$6.00/1000 gals; Over 50k \$7.75/1000 gals	Increase over Current	Percent	Cost Per Thousand	
1,000 to 5,000	\$16.50		\$19.00	\$2.50	15.15%		
6,000	\$19.35	\$3.23	\$22.20	\$2.85	14.73%	\$3.70	
7,000	\$22.20	\$3.17	\$25.40	\$3.20	14.41%	\$3.63	
8,000	\$25.05	\$3.13	\$28.60	\$3.55	14.17%	\$3.58	
9,000	\$27.90	\$3.10	\$31.80	\$3.90	13.98%	\$3.53	
10,000	\$30.75	\$3.08	\$35.00	\$4.25	13.82%	\$3.50	
11,000	\$33.60	\$3.05	\$38.20	\$4.60	13.69%	\$3.47	Median
12,000	\$36.45	\$3.04	\$41.40	\$4.95	13.58%	\$3.45	Bill
13,000	\$39.30	\$3.02	\$44.60	\$5.30	13.49%	\$3.43	
14,000	\$42.15	\$3.01	\$47.80	\$5.65	13.40%	\$3.41	
15,000	\$45.00	\$3.00	\$51.00	\$6.00	13.33%	\$3.40	
16,000	\$47.85	\$2.99	\$54.20	\$6.35	13.27%	\$3.39	
17,000	\$50.70	\$2.98	\$57.40	\$6.70	13.21%	\$3.38	
18,000	\$53.55	\$2.98	\$60.60	\$7.05	13.17%	\$3.37	
19,000	\$56.40	\$2.97	\$63.80	\$7.40	13.12%	\$3.36	
20,000	\$59.25	\$2.96	\$67.00	\$7.75	13.08%	\$3.35	
21,000	\$62.10	\$2.96	\$70.20	\$8.10	13.04%	\$3.34	
22,000	\$64.95	\$2.95	\$73.40	\$8.45	13.01%	\$3.34	
23,000	\$67.80	\$2.95	\$76.60	\$8.80	12.98%	\$3.33	
24,000	\$70.65	\$2.94	\$79.80	\$9.15	12.95%	\$3.33	
25,000	\$75.85	\$3.03	\$85.80	\$9.95	13.12%	\$3.43	
26,000	\$81.05	\$3.12	\$91.80	\$10.75	13.26%	\$3.53	
27,000	\$86.25	\$3.19	\$97.80	\$11.55	13.39%	\$3.62	
28,000	\$91.45	\$3.27	\$103.80	\$12.35	13.50%	\$3.71	
29,000	\$96.65	\$3.33	\$109.80	\$13.15	13.61%	\$3.79	
30,000	\$101.85	\$3.40	\$115.80	\$13.95	13.70%	\$3.86	
31,000	\$107.05	\$3.45	\$121.80	\$14.75	13.78%	\$3.93	
32,000	\$112.25	\$3.51	\$127.80	\$15.55	13.85%	\$3.99	
33,000	\$117.45	\$3.56	\$133.80	\$16.35	13.92%	\$4.05	
34,000	\$122.65	\$3.61	\$139.80	\$17.15	13.98%	\$4.11	
35,000	\$127.85	\$3.65	\$145.80	\$17.95	14.04%	\$4.17	
36,000	\$133.05	\$3.70	\$151.80	\$18.75	14.09%	\$4.22	
37,000	\$138.25	\$3.74	\$157.80	\$19.55	14.14%	\$4.26	
38,000	\$143.45	\$3.78	\$163.80	\$20.35	14.19%	\$4.31	
39,000	\$148.65	\$3.81	\$169.80	\$21.15	14.23%	\$4.35	
40,000	\$153.85	\$3.85	\$175.80	\$21.95	14.27%	\$4.40	
41,000	\$159.05	\$3.88	\$181.80	\$22.75	14.30%	\$4.43	
42,000	\$164.25	\$3.91	\$187.80	\$23.55	14.34%	\$4.47	
43,000	\$169.45	\$3.94	\$193.80	\$24.35	14.37%	\$4.51	
44,000	\$174.65	\$3.97	\$199.80	\$25.15	14.40%	\$4.54	
45,000	\$179.85	\$4.00	\$205.80	\$25.95	14.43%	\$4.57	
46,000	\$185.05	\$4.02	\$211.80	\$26.75	14.46%	\$4.60	
47,000	\$190.25	\$4.05	\$217.80	\$27.55	14.48%	\$4.63	
48,000	\$195.45	\$4.07	\$223.80	\$28.35	14.50%	\$4.66	
49,000	\$200.65	\$4.09	\$229.80	\$29.15	14.53%	\$4.69	
50,000	\$207.00	\$4.14	\$237.55	\$30.55	14.76%	\$4.75	
51,000	\$213.35	\$4.18	\$245.30	\$31.95	14.98%	\$4.81	
52,000	\$219.70	\$4.23	\$253.05	\$33.35	15.18%	\$4.87	
53,000	\$226.05	\$4.27	\$260.80	\$34.75	15.37%	\$4.92	
54,000	\$232.40	\$4.30	\$268.55	\$36.15	15.56%	\$4.97	
55,000	\$238.75	\$4.34	\$276.30	\$37.55	15.73%	\$5.02	
56,000	\$245.10	\$4.38	\$284.05	\$38.95	15.89%	\$5.07	
57,000	\$251.45	\$4.41	\$291.80	\$40.35	16.05%	\$5.12	

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Water Rate Scenario  
March 2008

Quarterly Usage	Current Rate \$16.50 Minimum(5k); 5k to 25k \$2.85/1000 gals; 25k to 50k \$5.20/ 1000 gals; Over 50k \$6.35/1000 gals	Cost Per Thousand	Proposed Rate \$19.00 Minimum(5k); 5k to 25k \$3.20/1000 gals; 25k to 50k \$5.00/1000 gals; Over 50k \$7.75/1000 gals	Increase over Current	Percent	Cost Per Thousand
58,000	\$257.80	\$4.44	\$299.55	\$41.75	16.19%	\$5.16
59,000	\$264.15	\$4.48	\$307.30	\$43.15	16.34%	\$5.21
60,000	\$270.50	\$4.51	\$315.05	\$44.55	16.47%	\$5.25
61,000	\$276.85	\$4.54	\$322.80	\$45.95	16.60%	\$5.29
62,000	\$283.20	\$4.57	\$330.55	\$47.35	16.72%	\$5.33
63,000	\$289.55	\$4.60	\$338.30	\$48.75	16.84%	\$5.37
64,000	\$295.90	\$4.62	\$346.05	\$50.15	16.95%	\$5.41
65,000	\$302.25	\$4.65	\$353.80	\$51.55	17.06%	\$5.44
66,000	\$308.60	\$4.68	\$361.55	\$52.95	17.16%	\$5.48
67,000	\$314.95	\$4.70	\$369.30	\$54.35	17.26%	\$5.51
68,000	\$321.30	\$4.73	\$377.05	\$55.75	17.35%	\$5.54
69,000	\$327.65	\$4.75	\$384.80	\$57.15	17.44%	\$5.58
70,000	\$334.00	\$4.77	\$392.55	\$58.55	17.53%	\$5.61
71,000	\$340.35	\$4.79	\$400.30	\$59.95	17.61%	\$5.64
72,000	\$346.70	\$4.82	\$408.05	\$61.35	17.70%	\$5.67
73,000	\$353.05	\$4.84	\$415.80	\$62.75	17.77%	\$5.70
74,000	\$359.40	\$4.86	\$423.55	\$64.15	17.85%	\$5.72
75,000	\$365.75	\$4.88	\$431.30	\$65.55	17.92%	\$5.75
76,000	\$372.10	\$4.90	\$439.05	\$66.95	17.99%	\$5.78
77,000	\$378.45	\$4.91	\$446.80	\$68.35	18.06%	\$5.80
78,000	\$384.80	\$4.93	\$454.55	\$69.75	18.13%	\$5.83
79,000	\$391.15	\$4.95	\$462.30	\$71.15	18.19%	\$5.85
80,000	\$397.50	\$4.97	\$470.05	\$72.55	18.25%	\$5.88
81,000	\$403.85	\$4.99	\$477.80	\$73.95	18.31%	\$5.90
82,000	\$410.20	\$5.00	\$485.55	\$75.35	18.37%	\$5.92
83,000	\$416.55	\$5.02	\$493.30	\$76.75	18.43%	\$5.94
84,000	\$422.90	\$5.03	\$501.05	\$78.15	18.48%	\$5.96
85,000	\$429.25	\$5.05	\$508.80	\$79.55	18.53%	\$5.99
86,000	\$435.60	\$5.07	\$516.55	\$80.95	18.58%	\$6.01
87,000	\$441.95	\$5.08	\$524.30	\$82.35	18.63%	\$6.03
88,000	\$448.30	\$5.09	\$532.05	\$83.75	18.68%	\$6.05
89,000	\$454.65	\$5.11	\$539.80	\$85.15	18.73%	\$6.07
90,000	\$461.00	\$5.12	\$547.55	\$86.55	18.77%	\$6.08
91,000	\$467.35	\$5.14	\$555.30	\$87.95	18.82%	\$6.10
92,000	\$473.70	\$5.15	\$563.05	\$89.35	18.86%	\$6.12
93,000	\$480.05	\$5.16	\$570.80	\$90.75	18.90%	\$6.14
94,000	\$486.40	\$5.17	\$578.55	\$92.15	18.95%	\$6.15
95,000	\$492.75	\$5.19	\$586.30	\$93.55	18.99%	\$6.17
96,000	\$499.10	\$5.20	\$594.05	\$94.95	19.02%	\$6.19
97,000	\$505.45	\$5.21	\$601.80	\$96.35	19.06%	\$6.20
98,000	\$511.80	\$5.22	\$609.55	\$97.75	19.10%	\$6.22
99,000	\$518.15	\$5.23	\$617.30	\$99.15	19.14%	\$6.24
100,000	\$524.50	\$5.25	\$625.05	\$100.55	19.17%	\$6.25

(17)

**OFFICE OF THE  
TOWN MANAGER**



**Richard D. Carney**  
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**Town of Shrewsbury**  
MASSACHUSETTS 01545-5398

April 21, 2008

To: Board of Selectmen

From: Daniel J. Morgado

Re: Water Rates

Attached is additional information relative to the proposed increase in water rates as follows:

Document #	Explanation
1	Summary of distribution of commercial bills for the two year period of 2005-12 to 2007-11. As you would have expected, the median bill is rather low being in the range of \$14,000 gallons with the average bill being 72,000 gallons. Note that 114 bills were issued in excess of 125,000 gallons.
2	Historical comparison of the residential rate. This is an update of what you have seen previously as there was a formula error in the last version that has not been corrected.
3	Historical comparison of the commercial rate. Note that unlike residential customers there is an increase over the 2003 rate for all ranges of consumption.
4	The same commercial comparison but showing the impact of adopting the residential rate for commercial customers. The residential rate is less than the commercial though 25,000 gallons. Note that high users are heavily impacted by this rate structure.
5	In the event the Board seeks a compromise, I show an alternate commercial rate that increases the rate per thousand beyond what I previously proposed. The "cross-over" in this instance is 27,000 gallons which accounts for 90% of our residential customers and 68% of our commercial customers.
6	Water Rate Card -- As proposed previously with exception that a minimum charge of \$19.00 is added for the various summer accounts.

Document #	Explanation
7	Water Rate Card – With the commercial rate matching the residential rate.
8	Water Rate Card – With the alternate commercial rate.

Once the Board discusses these proposals on April 28<sup>th</sup>, I ask that the Board adopt one of the rate cards shown or to develop you own proposal.

In any instance, the rate will then be inserted into a template that has been prepared to be mailed to all customers as close to May 1<sup>st</sup> as possible.

Please advise with any questions.

Cc Robert Tozeski  
Michael Hale  
Sharon Horne  
Dorothy Ryan

**Commerical Water Usage  
2005-12 to 2007-11**

Bill Period Range (gal)	2005-12 TO 2006-11						2006-12 TO 2007-11						
	Records	Cumul.	Percent	Usage	Cumul.Usage	Average	Records	Cumul.	Percent	Usage	Cumul.Usage	Average	
0	282	282	14.50%	267,000	267,000	947	283	283	14.32%	243,340	243,340	860	
2,500	213	495	25.45%	876,810	1,143,810	4,116	259	542	27.43%	1,037,360	1,280,700	4,005	
5,000	159	654	33.62%	991,580	2,135,390	6,236	163	705	35.68%	1,030,030	2,310,730	6,319	
7,500	144	798	41.03%	1,280,560	3,415,950	8,893	140	845	42.76%	1,236,910	3,547,640	8,835	
10,000	110	908	46.68%	1,242,030	4,657,980	11,291	99	944	47.77%	1,110,440	4,658,080	11,217	
12,500	92	1,000	51.41%	1,272,960	5,930,940	13,837	84	1,028	52.02%	1,161,570	5,819,650	13,828	Median Bill
15,000	73	1,073	55.17%	1,203,970	7,134,910	16,493	70	1,098	55.57%	1,150,220	6,969,870	16,432	
17,500	71	1,144	58.82%	1,348,810	8,483,720	18,997	69	1,167	59.06%	1,298,550	8,268,420	18,820	
20,000	39	1,183	60.82%	834,880	9,318,600	21,407	62	1,229	62.20%	1,328,990	9,597,410	21,435	
22,500	51	1,234	63.44%	1,222,020	10,540,620	23,961	36	1,265	64.02%	857,510	10,454,920	23,820	
25,000	34	1,268	65.19%	897,670	11,438,290	26,402	35	1,300	65.79%	916,260	11,371,180	26,179	
27,500	35	1,303	66.99%	1,010,380	12,448,670	28,868	40	1,340	67.81%	1,153,090	12,524,270	28,827	
30,000	35	1,338	68.79%	1,097,290	13,545,960	31,351	31	1,371	69.38%	967,610	13,491,880	31,213	
32,500	36	1,374	70.64%	1,214,240	14,760,200	33,729	24	1,395	70.60%	809,780	14,301,660	33,741	
35,000	15	1,389	71.41%	542,840	15,303,040	36,189	16	1,411	71.41%	582,930	14,884,590	36,433	
37,500	24	1,413	72.65%	937,700	16,240,740	39,071	24	1,435	72.62%	934,690	15,819,280	38,945	
40,000	42	1,455	74.81%	1,789,730	18,030,470	42,613	37	1,472	74.49%	1,578,400	17,397,680	42,659	
45,000	39	1,494	76.81%	1,881,560	19,912,030	48,245	52	1,524	77.13%	2,598,250	19,995,930	49,966	
50,000	24	1,518	78.05%	1,264,850	21,176,880	52,702	31	1,555	78.69%	1,639,890	21,635,820	52,900	
55,000	37	1,555	79.95%	2,142,980	23,319,860	57,918	23	1,578	79.86%	1,342,650	22,978,470	58,376	
60,000	16	1,571	80.77%	998,560	24,318,420	62,410	17	1,595	80.72%	1,064,010	24,042,480	62,589	
65,000	21	1,592	81.85%	1,424,710	25,743,130	67,843	24	1,619	81.93%	1,629,560	25,672,040	67,898	
70,000	17	1,609	82.72%	1,224,020	26,967,150	72,001	8	1,627	82.34%	589,460	26,261,500	73,683	
75,000	14	1,623	83.44%	1,076,530	28,043,680	76,895	15	1,642	83.10%	1,175,000	27,436,500	78,333	
80,000	13	1,636	84.11%	1,069,910	29,113,590	82,301	13	1,655	83.76%	1,076,900	28,513,400	82,838	
85,000	13	1,649	84.78%	1,141,800	30,255,390	87,831	12	1,667	84.36%	1,049,720	29,563,120	87,477	
90,000	16	1,665	85.60%	1,484,240	31,739,630	92,765	19	1,686	85.32%	1,768,500	31,331,620	93,079	
95,000	16	1,681	86.43%	1,569,900	33,309,530	98,119	17	1,703	86.18%	1,674,740	33,006,360	98,514	
100,000	49	1,730	88.95%	5,506,730	38,816,260	112,382	41	1,744	88.26%	4,612,860	37,619,220	112,509	
125,000	113	1,843	94.76%	20,008,760	58,825,020	177,069	120	1,864	94.33%	20,864,317	58,483,537	173,869	
250,000	63	1,906	97.99%	22,807,240	81,632,260	362,020	64	1,928	97.57%	21,835,040	80,318,577	341,173	
500,000	18	1,924	98.92%	11,493,600	93,125,860	638,533	21	1,949	98.63%	13,254,800	93,573,377	631,181	
1,000,000	21	1,945	100.00%	43,355,100	136,480,960	2,064,529	27	1,976	100.00%	52,136,000	145,709,377	1,930,963	
	1,945			136,480,960	70,170 Ave Bill		1,976			145,709,377	73,740 Ave Bill		
Bills over 125,000 Gallons	102						112						

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Historical Comparison  
Residential Water Rate Structure  
April 2008

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Consumption	Pre-2003 Rate	June 1, 2003 Rate	May 1, 2006 Rate	Proposed May 1, 2008 Rate	Variance to 1999	Percent to 1999
Base Charge	\$24.00	\$15.00	\$16.50	\$19.00		
5,000 to 24,999	\$1.80	\$2.50	\$2.85	\$3.20		
25,000 to 49,999	\$1.80	\$4.50	\$5.20	\$6.00		
50,000+	\$2.40	\$5.50	\$6.35	\$7.75		
5000	\$24.00	\$15.00	\$16.50	\$19.00	(\$5.00)	-20.83%
6000	\$25.80	\$17.50	\$19.35	\$22.20	(\$3.60)	-13.95%
7000	\$27.60	\$20.00	\$22.20	\$25.40	(\$2.20)	-7.97%
8000	\$29.40	\$22.50	\$25.05	\$28.60	(\$0.80)	-2.72%
9000	\$31.20	\$25.00	\$27.90	\$31.80	\$0.60	1.92%
10000	\$33.00	\$27.50	\$30.75	\$35.00	\$2.00	6.06%
11000	\$34.80	\$30.00	\$33.60	\$38.20	\$3.40	Median Bill (+9.77%)
12000	\$36.60	\$32.50	\$36.45	\$41.40	\$4.80	13.11%
13000	\$38.40	\$35.00	\$39.30	\$44.60	\$6.20	16.15%
14000	\$40.20	\$37.50	\$42.15	\$47.80	\$7.60	18.91%
15000	\$42.00	\$40.00	\$45.00	\$51.00	\$9.00	21.43%
16000	\$43.80	\$42.50	\$47.85	\$54.20	\$10.40	23.74%
17000	\$45.60	\$45.00	\$50.70	\$57.40	\$11.80	Average Bill (+25.87%)
18000	\$47.40	\$47.50	\$53.55	\$60.60	\$13.20	27.85%
19000	\$49.20	\$50.00	\$56.40	\$63.80	\$14.60	29.67%
20000	\$51.00	\$52.50	\$59.25	\$67.00	\$16.00	31.37%
21000	\$52.80	\$55.00	\$62.10	\$70.20	\$17.40	32.95%
22000	\$54.60	\$57.50	\$64.95	\$73.40	\$18.80	34.43%
23000	\$56.40	\$60.00	\$67.80	\$76.60	\$20.20	35.82%
24000	\$58.20	\$62.50	\$70.65	\$79.80	\$21.60	37.11%
25000	\$60.00	\$67.00	\$75.85	\$85.80	\$25.80	43.00%
26000	\$61.80	\$71.50	\$81.05	\$91.80	\$30.00	48.54%
27000	\$63.60	\$76.00	\$86.25	\$97.80	\$34.20	53.77%
28000	\$65.40	\$80.50	\$91.45	\$103.80	\$38.40	58.72%
29000	\$67.20	\$85.00	\$96.65	\$109.80	\$42.60	63.39%
30000	\$69.00	\$89.50	\$101.85	\$115.80	\$46.80	67.83%
31000	\$70.80	\$94.00	\$107.05	\$121.80	\$51.00	72.03%
32000	\$72.60	\$98.50	\$112.25	\$127.80	\$55.20	76.03%
33000	\$74.40	\$103.00	\$117.45	\$133.80	\$59.40	79.84%
34000	\$76.20	\$107.50	\$122.65	\$139.80	\$63.60	83.46%
35000	\$78.00	\$112.00	\$127.85	\$145.80	\$67.80	86.92%
36000	\$79.80	\$116.50	\$133.05	\$151.80	\$72.00	90.23%
37000	\$81.60	\$121.00	\$138.25	\$157.80	\$76.20	93.38%
38000	\$83.40	\$125.50	\$143.45	\$163.80	\$80.40	96.40%
39000	\$85.20	\$130.00	\$148.65	\$169.80	\$84.60	99.30%
40000	\$87.00	\$134.50	\$153.85	\$175.80	\$88.80	102.07%
41000	\$88.80	\$139.00	\$159.05	\$181.80	\$93.00	104.73%
42000	\$90.60	\$143.50	\$164.25	\$187.80	\$97.20	107.28%
43000	\$92.40	\$148.00	\$169.45	\$193.80	\$101.40	109.74%
44000	\$94.20	\$152.50	\$174.65	\$199.80	\$105.60	112.10%
45000	\$96.00	\$157.00	\$179.85	\$205.80	\$109.80	114.38%

30.95% of Bills are Less Than 7,500 Gallons

Historical Comparison  
Residential Water Rate Structure  
April 2008

Consumption	Pre-2003 Rate	June 1, 2003 Rate	May 1, 2006 Rate	Proposed May 1, 2008 Rate	Variance to 1999	Percent to 1999
46000	\$97.80	\$161.50	\$185.05	\$211.80	\$114.00	116.56%
47000	\$99.60	\$166.00	\$190.25	\$217.80	\$118.20	118.67%
48000	\$101.40	\$170.50	\$195.45	\$223.80	\$122.40	120.71%
49000	\$103.20	\$175.00	\$200.65	\$229.80	\$126.60	122.67%
50000	\$105.60	\$180.50	\$207.00	\$237.55	\$131.95	124.95%
51000	\$108.00	\$186.00	\$213.35	\$245.30	\$137.30	127.13%
52000	\$110.40	\$191.50	\$219.70	\$253.05	\$142.65	129.21%
53000	\$112.80	\$197.00	\$226.05	\$260.80	\$148.00	131.21%
54000	\$115.20	\$202.50	\$232.40	\$268.55	\$153.35	133.12%
55000	\$117.60	\$208.00	\$238.75	\$276.30	\$158.70	134.95%
56000	\$120.00	\$213.50	\$245.10	\$284.05	\$164.05	136.71%
57000	\$122.40	\$219.00	\$251.45	\$291.80	\$169.40	138.40%
58000	\$124.80	\$224.50	\$257.80	\$299.55	\$174.75	140.02%
59000	\$127.20	\$230.00	\$264.15	\$307.30	\$180.10	141.59%
60000	\$129.60	\$235.50	\$270.50	\$315.05	\$185.45	143.09%
61000	\$132.00	\$241.00	\$276.85	\$322.80	\$190.80	144.55%
62000	\$134.40	\$246.50	\$283.20	\$330.55	\$196.15	145.94%
63000	\$136.80	\$252.00	\$289.55	\$338.30	\$201.50	147.30%
64000	\$139.20	\$257.50	\$295.90	\$346.05	\$206.85	148.60%
65000	\$141.60	\$263.00	\$302.25	\$353.80	\$212.20	149.86%
66000	\$144.00	\$268.50	\$308.60	\$361.55	\$217.55	151.08%
67000	\$146.40	\$274.00	\$314.95	\$369.30	\$222.90	152.25%
68000	\$148.80	\$279.50	\$321.30	\$377.05	\$228.25	153.39%
69000	\$151.20	\$285.00	\$327.65	\$384.80	\$233.60	154.50%
70000	\$153.60	\$290.50	\$334.00	\$392.55	\$238.95	155.57%
71000	\$156.00	\$296.00	\$340.35	\$400.30	\$244.30	156.60%
72000	\$158.40	\$301.50	\$346.70	\$408.05	\$249.65	157.61%
73000	\$160.80	\$307.00	\$353.05	\$415.80	\$255.00	158.58%
74000	\$163.20	\$312.50	\$359.40	\$423.55	\$260.35	159.53%
75000	\$165.60	\$318.00	\$365.75	\$431.30	\$265.70	160.45%
76000	\$168.00	\$323.50	\$372.10	\$439.05	\$271.05	161.34%
77000	\$170.40	\$329.00	\$378.45	\$446.80	\$276.40	162.21%
78000	\$172.80	\$334.50	\$384.80	\$454.55	\$281.75	163.05%
79000	\$175.20	\$340.00	\$391.15	\$462.30	\$287.10	163.87%
80000	\$177.60	\$345.50	\$397.50	\$470.05	\$292.45	164.67%
81000	\$180.00	\$351.00	\$403.85	\$477.80	\$297.80	165.44%
82000	\$182.40	\$356.50	\$410.20	\$485.55	\$303.15	166.20%
83000	\$184.80	\$362.00	\$416.55	\$493.30	\$308.50	166.94%
84000	\$187.20	\$367.50	\$422.90	\$501.05	\$313.85	167.65%
85000	\$189.60	\$373.00	\$429.25	\$508.80	\$319.20	168.35%
86000	\$192.00	\$378.50	\$435.60	\$516.55	\$324.55	169.04%
87000	\$194.40	\$384.00	\$441.95	\$524.30	\$329.90	169.70%
88000	\$196.80	\$389.50	\$448.30	\$532.05	\$335.25	170.35%
89000	\$199.20	\$395.00	\$454.65	\$539.80	\$340.60	170.98%
90000	\$201.60	\$400.50	\$461.00	\$547.55	\$345.95	171.60%
91000	\$204.00	\$406.00	\$467.35	\$555.30	\$351.30	172.21%

Historical Comparison  
Residential Water Rate Structure  
April 2008

Consumption	Pre-2003 Rate	June 1, 2003 Rate	May 1, 2006 Rate	Proposed May 1, 2008 Rate	Variance to 1999	Percent to 1999
92000	\$206.40	\$411.50	\$473.70	\$563.05	\$356.65	172.80%
93000	\$208.80	\$417.00	\$480.05	\$570.80	\$362.00	173.37%
94000	\$211.20	\$422.50	\$486.40	\$578.55	\$367.35	173.93%
95000	\$213.60	\$428.00	\$492.75	\$586.30	\$372.70	174.49%
96000	\$216.00	\$433.50	\$499.10	\$594.05	\$378.05	175.02%
97000	\$218.40	\$439.00	\$505.45	\$601.80	\$383.40	175.55%
98000	\$220.80	\$444.50	\$511.80	\$609.55	\$388.75	176.06%
99000	\$223.20	\$450.00	\$518.15	\$617.30	\$394.10	176.57%
100000	\$225.60	\$455.50	\$524.50	\$625.05	\$399.45	177.06%
101000	\$228.00	\$461.00	\$530.85	\$632.80	\$404.80	177.54%
102000	\$230.40	\$466.50	\$537.20	\$640.55	\$410.15	178.02%
103000	\$232.80	\$472.00	\$543.55	\$648.30	\$415.50	178.48%
104000	\$235.20	\$477.50	\$549.90	\$656.05	\$420.85	178.93%
105000	\$237.60	\$483.00	\$556.25	\$663.80	\$426.20	179.38%
106000	\$240.00	\$488.50	\$562.60	\$671.55	\$431.55	179.81%
107000	\$242.40	\$494.00	\$568.95	\$679.30	\$436.90	180.24%
108000	\$244.80	\$499.50	\$575.30	\$687.05	\$442.25	180.66%
109000	\$247.20	\$505.00	\$581.65	\$694.80	\$447.60	181.07%
110000	\$249.60	\$510.50	\$588.00	\$702.55	\$452.95	181.47%
111000	\$252.00	\$516.00	\$594.35	\$710.30	\$458.30	181.87%
112000	\$254.40	\$521.50	\$600.70	\$718.05	\$463.65	182.25%
113000	\$256.80	\$527.00	\$607.05	\$725.80	\$469.00	182.63%
114000	\$259.20	\$532.50	\$613.40	\$733.55	\$474.35	183.01%
115000	\$261.60	\$538.00	\$619.75	\$741.30	\$479.70	183.37%
116000	\$264.00	\$543.50	\$626.10	\$749.05	\$485.05	183.73%
117000	\$266.40	\$549.00	\$632.45	\$756.80	\$490.40	184.08%
118000	\$268.80	\$554.50	\$638.80	\$764.55	\$495.75	184.43%
119000	\$271.20	\$560.00	\$645.15	\$772.30	\$501.10	184.77%
120000	\$273.60	\$565.50	\$651.50	\$780.05	\$506.45	185.11%
121000	\$276.00	\$571.00	\$657.85	\$787.80	\$511.80	185.43%
122000	\$278.40	\$576.50	\$664.20	\$795.55	\$517.15	185.76%
123000	\$280.80	\$582.00	\$670.55	\$803.30	\$522.50	186.08%
124000	\$283.20	\$587.50	\$676.90	\$811.05	\$527.85	186.39%
125000	\$285.60	\$593.00	\$683.25	\$818.80	\$533.20	186.69%

Historical Comparison  
 Commerical Water Rate Structure  
 April 2008

Consumption	Pre-2003 Rate	June 1, 2003 Rate	May 1, 2006 Rate	Proposed May 1, 2008 Rate	Variance to 1999	Percent to 1999	
Base Charge	\$24.00	\$24.00	\$27.50	\$32.50			
5,000 to 24,999	\$1.80	\$1.80	\$2.10	\$2.50			
25,000 to 49,999	\$1.80	\$1.80	\$2.10	\$2.50			
50,000+	\$2.40	\$2.40	\$2.80	\$3.50			
5,000	\$24.00	\$24.00	\$27.50	\$32.50	\$8.50	35.42%	
6,000	\$25.80	\$25.80	\$29.60	\$35.00	\$9.20	35.66%	
7,000	\$27.60	\$27.60	\$31.70	\$37.50	\$9.90	35.87%	
8,000	\$29.40	\$29.40	\$33.80	\$40.00	\$10.60	36.05%	
9,000	\$31.20	\$31.20	\$35.90	\$42.50	\$11.30	36.22%	
10,000	\$33.00	\$33.00	\$38.00	\$45.00	\$12.00	36.36%	
11,000	\$34.80	\$34.80	\$40.10	\$47.50	\$12.70	36.49%	
12,000	\$36.60	\$36.60	\$42.20	\$50.00	\$13.40	36.61%	
13,000	\$38.40	\$38.40	\$44.30	\$52.50	\$14.10	36.72%	
14,000	\$40.20	\$40.20	\$46.40	\$55.00	\$14.80	36.82%	Median Bill
15,000	\$42.00	\$42.00	\$48.50	\$57.50	\$15.50	36.90%	
16,000	\$43.80	\$43.80	\$50.60	\$60.00	\$16.20	36.99%	
17,000	\$45.60	\$45.60	\$52.70	\$62.50	\$16.90	37.06%	
18,000	\$47.40	\$47.40	\$54.80	\$65.00	\$17.60	37.13%	
19,000	\$49.20	\$49.20	\$56.90	\$67.50	\$18.30	37.20%	
20,000	\$51.00	\$51.00	\$59.00	\$70.00	\$19.00	37.25%	
21,000	\$52.80	\$52.80	\$61.10	\$72.50	\$19.70	37.31%	
22,000	\$54.60	\$54.60	\$63.20	\$75.00	\$20.40	37.36%	
23,000	\$56.40	\$56.40	\$65.30	\$77.50	\$21.10	37.41%	
24,000	\$58.20	\$58.20	\$67.40	\$80.00	\$21.80	37.46%	
25,000	\$60.00	\$60.00	\$69.50	\$82.50	\$22.50	37.50%	
26,000	\$61.80	\$61.80	\$71.60	\$84.20	\$22.40	36.25%	
27,000	\$63.60	\$63.60	\$73.70	\$86.30	\$22.70	35.69%	
28,000	\$65.40	\$65.40	\$75.80	\$88.40	\$23.00	35.17%	
29,000	\$67.20	\$67.20	\$77.90	\$90.50	\$23.30	34.67%	
30,000	\$69.00	\$69.00	\$80.00	\$92.60	\$23.60	34.20%	
31,000	\$70.80	\$70.80	\$82.10	\$94.70	\$23.90	33.76%	
32,000	\$72.60	\$72.60	\$84.20	\$96.80	\$24.20	33.33%	
33,000	\$74.40	\$74.40	\$86.30	\$98.90	\$24.50	32.93%	
34,000	\$76.20	\$76.20	\$88.40	\$101.00	\$24.80	32.55%	
35,000	\$78.00	\$78.00	\$90.50	\$103.10	\$25.10	32.18%	
36,000	\$79.80	\$79.80	\$92.60	\$105.20	\$25.40	31.83%	
37,000	\$81.60	\$81.60	\$94.70	\$107.30	\$25.70	31.50%	
38,000	\$83.40	\$83.40	\$96.80	\$109.40	\$26.00	31.18%	
39,000	\$85.20	\$85.20	\$98.90	\$111.50	\$26.30	30.87%	
40,000	\$87.00	\$87.00	\$101.00	\$113.60	\$26.60	30.57%	
41,000	\$88.80	\$88.80	\$103.10	\$115.70	\$26.90	30.29%	
42,000	\$90.60	\$90.60	\$105.20	\$117.80	\$27.20	30.02%	
43,000	\$92.40	\$92.40	\$107.30	\$119.90	\$27.50	29.76%	
44,000	\$94.20	\$94.20	\$109.40	\$122.00	\$27.80	29.51%	
45,000	\$96.00	\$96.00	\$111.50	\$124.10	\$28.10	29.27%	

Historical Comparison  
Commerical Water Rate Structure  
April 2008

Consumption	Pre-2003 Rate	June 1, 2003 Rate	May 1, 2006 Rate	Proposed May 1, 2008 Rate	Variance to 1999	Percent to 1999
46,000	\$97.80	\$97.80	\$113.60	\$126.20	\$28.40	29.04%
47,000	\$99.60	\$99.60	\$115.70	\$128.30	\$28.70	28.82%
48,000	\$101.40	\$101.40	\$117.80	\$130.40	\$29.00	28.60%
49,000	\$103.20	\$103.20	\$119.90	\$132.50	\$29.30	28.39%
50,000	\$105.60	\$105.60	\$122.70	\$136.00	\$30.40	28.79%
51,000	\$108.00	\$108.00	\$125.50	\$139.50	\$31.50	29.17%
52,000	\$110.40	\$110.40	\$128.30	\$143.00	\$32.60	29.53%
53,000	\$112.80	\$112.80	\$131.10	\$146.50	\$33.70	29.88%
54,000	\$115.20	\$115.20	\$133.90	\$150.00	\$34.80	30.21%
55,000	\$117.60	\$117.60	\$136.70	\$153.50	\$35.90	30.53%
56,000	\$120.00	\$120.00	\$139.50	\$157.00	\$37.00	30.83%
57,000	\$122.40	\$122.40	\$142.30	\$160.50	\$38.10	31.13%
58,000	\$124.80	\$124.80	\$145.10	\$164.00	\$39.20	31.41%
59,000	\$127.20	\$127.20	\$147.90	\$167.50	\$40.30	31.68%
60,000	\$129.60	\$129.60	\$150.70	\$171.00	\$41.40	31.94%
61,000	\$132.00	\$132.00	\$153.50	\$174.50	\$42.50	32.20%
62,000	\$134.40	\$134.40	\$156.30	\$178.00	\$43.60	32.44%
63,000	\$136.80	\$136.80	\$159.10	\$181.50	\$44.70	32.68%
64,000	\$139.20	\$139.20	\$161.90	\$185.00	\$45.80	32.90%
65,000	\$141.60	\$141.60	\$164.70	\$188.50	\$46.90	33.12%
66,000	\$144.00	\$144.00	\$167.50	\$192.00	\$48.00	33.33%
67,000	\$146.40	\$146.40	\$170.30	\$195.50	\$49.10	33.54%
68,000	\$148.80	\$148.80	\$173.10	\$199.00	\$50.20	33.74%
69,000	\$151.20	\$151.20	\$175.90	\$202.50	\$51.30	33.93%
70,000	\$153.60	\$153.60	\$178.70	\$206.00	\$52.40	34.11%
71,000	\$156.00	\$156.00	\$181.50	\$209.50	\$53.50	34.29%
72,000	\$158.40	\$158.40	\$184.30	\$213.00	\$54.60	34.47% Average Bill
73,000	\$160.80	\$160.80	\$187.10	\$216.50	\$55.70	34.64%
74,000	\$163.20	\$163.20	\$189.90	\$220.00	\$56.80	34.80%
75,000	\$165.60	\$165.60	\$192.70	\$223.50	\$57.90	34.96%
76,000	\$168.00	\$168.00	\$195.50	\$227.00	\$59.00	35.12%
77,000	\$170.40	\$170.40	\$198.30	\$230.50	\$60.10	35.27%
78,000	\$172.80	\$172.80	\$201.10	\$234.00	\$61.20	35.42%
79,000	\$175.20	\$175.20	\$203.90	\$237.50	\$62.30	35.56%
80,000	\$177.60	\$177.60	\$206.70	\$241.00	\$63.40	35.70%
81,000	\$180.00	\$180.00	\$209.50	\$244.50	\$64.50	35.83%
82,000	\$182.40	\$182.40	\$212.30	\$248.00	\$65.60	35.96%
83,000	\$184.80	\$184.80	\$215.10	\$251.50	\$66.70	36.09%
84,000	\$187.20	\$187.20	\$217.90	\$255.00	\$67.80	36.22%
85,000	\$189.60	\$189.60	\$220.70	\$258.50	\$68.90	36.34%
86,000	\$192.00	\$192.00	\$223.50	\$262.00	\$70.00	36.46%
87,000	\$194.40	\$194.40	\$226.30	\$265.50	\$71.10	36.57%
88,000	\$196.80	\$196.80	\$229.10	\$269.00	\$72.20	36.69%
89,000	\$199.20	\$199.20	\$231.90	\$272.50	\$73.30	36.80%
90,000	\$201.60	\$201.60	\$234.70	\$276.00	\$74.40	36.90%
91,000	\$204.00	\$204.00	\$237.50	\$279.50	\$75.50	37.01%

Historical Comparison  
 Commerical Water Rate Structure  
 April 2008

Consumption	Pre-2003 Rate	June 1, 2003 Rate	May 1, 2006 Rate	Proposed May 1, 2008 Rate	Variance to 1999	Percent to 1999	
Base Charge	\$24.00	\$24.00	\$27.50	\$32.50			
5,000 to 24,999	\$1.80	\$1.80	\$2.10	\$2.50			
25,000 to 49,999	\$1.80	\$1.80	\$2.10	\$2.50			
50,000+	\$2.40	\$2.40	\$2.80	\$3.50			
5,000	\$24.00	\$24.00	\$27.50	\$32.50	\$8.50	35.42%	
6,000	\$25.80	\$25.80	\$29.60	\$35.00	\$9.20	35.66%	
7,000	\$27.60	\$27.60	\$31.70	\$37.50	\$9.90	35.87%	
8,000	\$29.40	\$29.40	\$33.80	\$40.00	\$10.60	36.05%	
9,000	\$31.20	\$31.20	\$35.90	\$42.50	\$11.30	36.22%	
10,000	\$33.00	\$33.00	\$38.00	\$45.00	\$12.00	36.36%	
11,000	\$34.80	\$34.80	\$40.10	\$47.50	\$12.70	36.49%	
12,000	\$36.60	\$36.60	\$42.20	\$50.00	\$13.40	36.61%	
13,000	\$38.40	\$38.40	\$44.30	\$52.50	\$14.10	36.72%	
14,000	\$40.20	\$40.20	\$46.40	\$55.00	\$14.80	36.82%	Median Bill
15,000	\$42.00	\$42.00	\$48.50	\$57.50	\$15.50	36.90%	
16,000	\$43.80	\$43.80	\$50.60	\$60.00	\$16.20	36.99%	
17,000	\$45.60	\$45.60	\$52.70	\$62.50	\$16.90	37.06%	
18,000	\$47.40	\$47.40	\$54.80	\$65.00	\$17.60	37.13%	
19,000	\$49.20	\$49.20	\$56.90	\$67.50	\$18.30	37.20%	
20,000	\$51.00	\$51.00	\$59.00	\$70.00	\$19.00	37.25%	
21,000	\$52.80	\$52.80	\$61.10	\$72.50	\$19.70	37.31%	
22,000	\$54.60	\$54.60	\$63.20	\$75.00	\$20.40	37.36%	
23,000	\$56.40	\$56.40	\$65.30	\$77.50	\$21.10	37.41%	
24,000	\$58.20	\$58.20	\$67.40	\$80.00	\$21.80	37.46%	
25,000	\$60.00	\$60.00	\$69.50	\$82.50	\$22.50	37.50%	
26,000	\$61.80	\$61.80	\$71.60	\$84.20	\$22.40	36.25%	
27,000	\$63.60	\$63.60	\$73.70	\$86.30	\$22.70	35.69%	
28,000	\$65.40	\$65.40	\$75.80	\$88.40	\$23.00	35.17%	
29,000	\$67.20	\$67.20	\$77.90	\$90.50	\$23.30	34.67%	
30,000	\$69.00	\$69.00	\$80.00	\$92.60	\$23.60	34.20%	
31,000	\$70.80	\$70.80	\$82.10	\$94.70	\$23.90	33.76%	
32,000	\$72.60	\$72.60	\$84.20	\$96.80	\$24.20	33.33%	
33,000	\$74.40	\$74.40	\$86.30	\$98.90	\$24.50	32.93%	
34,000	\$76.20	\$76.20	\$88.40	\$101.00	\$24.80	32.55%	
35,000	\$78.00	\$78.00	\$90.50	\$103.10	\$25.10	32.18%	
36,000	\$79.80	\$79.80	\$92.60	\$105.20	\$25.40	31.83%	
37,000	\$81.60	\$81.60	\$94.70	\$107.30	\$25.70	31.50%	
38,000	\$83.40	\$83.40	\$96.80	\$109.40	\$26.00	31.18%	
39,000	\$85.20	\$85.20	\$98.90	\$111.50	\$26.30	30.87%	
40,000	\$87.00	\$87.00	\$101.00	\$113.60	\$26.60	30.57%	
41,000	\$88.80	\$88.80	\$103.10	\$115.70	\$26.90	30.29%	
42,000	\$90.60	\$90.60	\$105.20	\$117.80	\$27.20	30.02%	
43,000	\$92.40	\$92.40	\$107.30	\$119.90	\$27.50	29.76%	
44,000	\$94.20	\$94.20	\$109.40	\$122.00	\$27.80	29.51%	
45,000	\$96.00	\$96.00	\$111.50	\$124.10	\$28.10	29.27%	

Historical Comparison  
Commerical Water Rate Structure  
April 2008

Consumption	Pre-2003 Rate	June 1, 2003 Rate	May 1, 2006 Rate	Proposed May 1, 2008 Rate	Variance to 1999	Percent to 1999
46,000	\$97.80	\$97.80	\$113.60	\$126.20	\$28.40	29.04%
47,000	\$99.60	\$99.60	\$115.70	\$128.30	\$28.70	28.82%
48,000	\$101.40	\$101.40	\$117.80	\$130.40	\$29.00	28.60%
49,000	\$103.20	\$103.20	\$119.90	\$132.50	\$29.30	28.39%
50,000	\$105.60	\$105.60	\$122.70	\$136.00	\$30.40	28.79%
51,000	\$108.00	\$108.00	\$125.50	\$139.50	\$31.50	29.17%
52,000	\$110.40	\$110.40	\$128.30	\$143.00	\$32.60	29.53%
53,000	\$112.80	\$112.80	\$131.10	\$146.50	\$33.70	29.88%
54,000	\$115.20	\$115.20	\$133.90	\$150.00	\$34.80	30.21%
55,000	\$117.60	\$117.60	\$136.70	\$153.50	\$35.90	30.53%
56,000	\$120.00	\$120.00	\$139.50	\$157.00	\$37.00	30.83%
57,000	\$122.40	\$122.40	\$142.30	\$160.50	\$38.10	31.13%
58,000	\$124.80	\$124.80	\$145.10	\$164.00	\$39.20	31.41%
59,000	\$127.20	\$127.20	\$147.90	\$167.50	\$40.30	31.68%
60,000	\$129.60	\$129.60	\$150.70	\$171.00	\$41.40	31.94%
61,000	\$132.00	\$132.00	\$153.50	\$174.50	\$42.50	32.20%
62,000	\$134.40	\$134.40	\$156.30	\$178.00	\$43.60	32.44%
63,000	\$136.80	\$136.80	\$159.10	\$181.50	\$44.70	32.68%
64,000	\$139.20	\$139.20	\$161.90	\$185.00	\$45.80	32.90%
65,000	\$141.60	\$141.60	\$164.70	\$188.50	\$46.90	33.12%
66,000	\$144.00	\$144.00	\$167.50	\$192.00	\$48.00	33.33%
67,000	\$146.40	\$146.40	\$170.30	\$195.50	\$49.10	33.54%
68,000	\$148.80	\$148.80	\$173.10	\$199.00	\$50.20	33.74%
69,000	\$151.20	\$151.20	\$175.90	\$202.50	\$51.30	33.93%
70,000	\$153.60	\$153.60	\$178.70	\$206.00	\$52.40	34.11%
71,000	\$156.00	\$156.00	\$181.50	\$209.50	\$53.50	34.29%
72,000	\$158.40	\$158.40	\$184.30	\$213.00	\$54.60	34.47% Average Bill
73,000	\$160.80	\$160.80	\$187.10	\$216.50	\$55.70	34.64%
74,000	\$163.20	\$163.20	\$189.90	\$220.00	\$56.80	34.80%
75,000	\$165.60	\$165.60	\$192.70	\$223.50	\$57.90	34.96%
76,000	\$168.00	\$168.00	\$195.50	\$227.00	\$59.00	35.12%
77,000	\$170.40	\$170.40	\$198.30	\$230.50	\$60.10	35.27%
78,000	\$172.80	\$172.80	\$201.10	\$234.00	\$61.20	35.42%
79,000	\$175.20	\$175.20	\$203.90	\$237.50	\$62.30	35.56%
80,000	\$177.60	\$177.60	\$206.70	\$241.00	\$63.40	35.70%
81,000	\$180.00	\$180.00	\$209.50	\$244.50	\$64.50	35.83%
82,000	\$182.40	\$182.40	\$212.30	\$248.00	\$65.60	35.96%
83,000	\$184.80	\$184.80	\$215.10	\$251.50	\$66.70	36.09%
84,000	\$187.20	\$187.20	\$217.90	\$255.00	\$67.80	36.22%
85,000	\$189.60	\$189.60	\$220.70	\$258.50	\$68.90	36.34%
86,000	\$192.00	\$192.00	\$223.50	\$262.00	\$70.00	36.46%
87,000	\$194.40	\$194.40	\$226.30	\$265.50	\$71.10	36.57%
88,000	\$196.80	\$196.80	\$229.10	\$269.00	\$72.20	36.69%
89,000	\$199.20	\$199.20	\$231.90	\$272.50	\$73.30	36.80%
90,000	\$201.60	\$201.60	\$234.70	\$276.00	\$74.40	36.90%
91,000	\$204.00	\$204.00	\$237.50	\$279.50	\$75.50	37.01%

Historical Comparison  
Commerical Water Rate Structure  
April 2008

Consumption	Pre-2003 Rate	June 1, 2003 Rate	May 1, 2006 Rate	Proposed May 1, 2008 Rate	Variance to 1999	Percent to 1999
92,000	\$206.40	\$206.40	\$240.30	\$283.00	\$76.60	37.11%
93,000	\$208.80	\$208.80	\$243.10	\$286.50	\$77.70	37.21%
94,000	\$211.20	\$211.20	\$245.90	\$290.00	\$78.80	37.31%
95,000	\$213.60	\$213.60	\$248.70	\$293.50	\$79.90	37.41%
96,000	\$216.00	\$216.00	\$251.50	\$297.00	\$81.00	37.50%
97,000	\$218.40	\$218.40	\$254.30	\$300.50	\$82.10	37.59%
98,000	\$220.80	\$220.80	\$257.10	\$304.00	\$83.20	37.68%
99,000	\$223.20	\$223.20	\$259.90	\$307.50	\$84.30	37.77%
100,000	\$225.60	\$225.60	\$262.70	\$311.00	\$85.40	37.85%
101,000	\$228.00	\$228.00	\$265.50	\$314.50	\$86.50	37.94%
102,000	\$230.40	\$230.40	\$268.30	\$318.00	\$87.60	38.02%
103,000	\$232.80	\$232.80	\$271.10	\$321.50	\$88.70	38.10%
104,000	\$235.20	\$235.20	\$273.90	\$325.00	\$89.80	38.18%
105,000	\$237.60	\$237.60	\$276.70	\$328.50	\$90.90	38.26%
106,000	\$240.00	\$240.00	\$279.50	\$332.00	\$92.00	38.33%
107,000	\$242.40	\$242.40	\$282.30	\$335.50	\$93.10	38.41%
108,000	\$244.80	\$244.80	\$285.10	\$339.00	\$94.20	38.48%
109,000	\$247.20	\$247.20	\$287.90	\$342.50	\$95.30	38.55%
110,000	\$249.60	\$249.60	\$290.70	\$346.00	\$96.40	38.62%
111,000	\$252.00	\$252.00	\$293.50	\$349.50	\$97.50	38.69%
112,000	\$254.40	\$254.40	\$296.30	\$353.00	\$98.60	38.76%
113,000	\$256.80	\$256.80	\$299.10	\$356.50	\$99.70	38.82%
114,000	\$259.20	\$259.20	\$301.90	\$360.00	\$100.80	38.89%
115,000	\$261.60	\$261.60	\$304.70	\$363.50	\$101.90	38.95%
116,000	\$264.00	\$264.00	\$307.50	\$367.00	\$103.00	39.02%
117,000	\$266.40	\$266.40	\$310.30	\$370.50	\$104.10	39.08%
118,000	\$268.80	\$268.80	\$313.10	\$374.00	\$105.20	39.14%
119,000	\$271.20	\$271.20	\$315.90	\$377.50	\$106.30	39.20%
120,000	\$273.60	\$273.60	\$318.70	\$381.00	\$107.40	39.25%
121,000	\$276.00	\$276.00	\$321.50	\$384.50	\$108.50	39.31%
122,000	\$278.40	\$278.40	\$324.30	\$388.00	\$109.60	39.37%
123,000	\$280.80	\$280.80	\$327.10	\$391.50	\$110.70	39.42%
124,000	\$283.20	\$283.20	\$329.90	\$395.00	\$111.80	39.48%
125,000	\$285.60	\$285.60	\$332.70	\$398.50	\$112.90	39.53%
250,000	\$585.60	\$585.60	\$682.70	\$836.00	\$250.40	42.76%
500,000	\$1,185.60	\$1,185.60	\$1,382.70	\$1,711.00	\$525.40	44.32%
1,000,000	\$2,385.60	\$2,385.60	\$2,782.70	\$3,461.00	\$1,075.40	45.08%

Historical Comparison  
Commerical Water Rate Structure  
April 2008

With Residential Rate

4

Consumption	Pre-2003 Rate	June 1, 2003 Rate	May 1, 2006 Rate	Proposed May 1, 2008 Rate	Residential May 1, 2008 Rate	Difference	Percent to 1999	
Base Charge	\$24.00	\$24.00	\$27.50	\$32.50	\$19.00			
5,000 to 24,999	\$1.80	\$1.80	\$2.10	\$2.50	\$3.20			
25,000 to 49,999	\$1.80	\$1.80	\$2.10	\$2.50	\$6.00			
50,000+	\$2.40	\$2.40	\$2.80	\$3.50	\$7.75			
5,000	\$24.00	\$24.00	\$27.50	\$32.50	\$19.00	(\$13.50)	-20.83%	
6,000	\$25.80	\$25.80	\$29.60	\$35.00	\$22.20	(\$12.80)	-13.95%	
7,000	\$27.60	\$27.60	\$31.70	\$37.50	\$25.40	(\$12.10)	-7.97%	
8,000	\$29.40	\$29.40	\$33.80	\$40.00	\$28.60	(\$11.40)	-2.72%	
9,000	\$31.20	\$31.20	\$35.90	\$42.50	\$31.80	(\$10.70)	1.92%	
10,000	\$33.00	\$33.00	\$38.00	\$45.00	\$35.00	(\$10.00)	6.06%	
11,000	\$34.80	\$34.80	\$40.10	\$47.50	\$38.20	(\$9.30)	9.77%	
12,000	\$36.60	\$36.60	\$42.20	\$50.00	\$41.40	(\$8.60)	13.11%	
13,000	\$38.40	\$38.40	\$44.30	\$52.50	\$44.60	(\$7.90)	16.15%	
14,000	\$40.20	\$40.20	\$46.40	\$55.00	\$47.80	(\$7.20)	18.91%	Median Bill
15,000	\$42.00	\$42.00	\$48.50	\$57.50	\$51.00	(\$6.50)	21.43%	
16,000	\$43.80	\$43.80	\$50.60	\$60.00	\$54.20	(\$5.80)	23.74%	
17,000	\$45.60	\$45.60	\$52.70	\$62.50	\$57.40	(\$5.10)	25.88%	
18,000	\$47.40	\$47.40	\$54.80	\$65.00	\$60.60	(\$4.40)	27.85%	
19,000	\$49.20	\$49.20	\$56.90	\$67.50	\$63.80	(\$3.70)	29.67%	
20,000	\$51.00	\$51.00	\$59.00	\$70.00	\$67.00	(\$3.00)	31.37%	
21,000	\$52.80	\$52.80	\$61.10	\$72.50	\$70.20	(\$2.30)	32.95%	
22,000	\$54.60	\$54.60	\$63.20	\$75.00	\$73.40	(\$1.60)	34.43%	
23,000	\$56.40	\$56.40	\$65.30	\$77.50	\$76.60	(\$0.90)	35.82%	
24,000	\$58.20	\$58.20	\$67.40	\$80.00	\$79.80	(\$0.20)	37.11%	
25,000	\$60.00	\$60.00	\$69.50	\$82.50	\$85.80	\$3.30	43.00%	Cross over
26,000	\$61.80	\$61.80	\$71.60	\$84.20	\$91.80	\$7.60	48.54%	
27,000	\$63.60	\$63.60	\$73.70	\$86.30	\$97.80	\$11.50	53.77%	
28,000	\$65.40	\$65.40	\$75.80	\$88.40	\$103.80	\$15.40	58.72%	
29,000	\$67.20	\$67.20	\$77.90	\$90.50	\$109.80	\$19.30	63.39%	
30,000	\$69.00	\$69.00	\$80.00	\$92.60	\$115.80	\$23.20	67.83%	
31,000	\$70.80	\$70.80	\$82.10	\$94.70	\$121.80	\$27.10	72.03%	
32,000	\$72.60	\$72.60	\$84.20	\$96.80	\$127.80	\$31.00	76.03%	
33,000	\$74.40	\$74.40	\$86.30	\$98.90	\$133.80	\$34.90	79.84%	
34,000	\$76.20	\$76.20	\$88.40	\$101.00	\$139.80	\$38.80	83.46%	
35,000	\$78.00	\$78.00	\$90.50	\$103.10	\$145.80	\$42.70	86.92%	
36,000	\$79.80	\$79.80	\$92.60	\$105.20	\$151.80	\$46.60	90.23%	
37,000	\$81.60	\$81.60	\$94.70	\$107.30	\$157.80	\$50.50	93.38%	
38,000	\$83.40	\$83.40	\$96.80	\$109.40	\$163.80	\$54.40	96.40%	
39,000	\$85.20	\$85.20	\$98.90	\$111.50	\$169.80	\$58.30	99.30%	
40,000	\$87.00	\$87.00	\$101.00	\$113.60	\$175.80	\$62.20	102.07%	
41,000	\$88.80	\$88.80	\$103.10	\$115.70	\$181.80	\$66.10	104.73%	
42,000	\$90.60	\$90.60	\$105.20	\$117.80	\$187.80	\$70.00	107.28%	
43,000	\$92.40	\$92.40	\$107.30	\$119.90	\$193.80	\$73.90	109.74%	
44,000	\$94.20	\$94.20	\$109.40	\$122.00	\$199.80	\$77.80	112.10%	
45,000	\$96.00	\$96.00	\$111.50	\$124.10	\$205.80	\$81.70	114.38%	
46,000	\$97.80	\$97.80	\$113.60	\$126.20	\$211.80	\$85.60	116.56%	
47,000	\$99.60	\$99.60	\$115.70	\$128.30	\$217.80	\$89.50	118.67%	
48,000	\$101.40	\$101.40	\$117.80	\$130.40	\$223.80	\$93.40	120.71%	
49,000	\$103.20	\$103.20	\$119.90	\$132.50	\$229.80	\$97.30	122.67%	

Historical Comparison  
Commerical Water Rate Structure  
April 2008

With Residential Rate

Consumption	Pre-2003 Rate	June 1, 2003 Rate	May 1, 2006 Rate	Proposed May 1, 2008 Rate	Residential May 1, 2008 Rate	Difference	Percent to 1999
50,000	\$105.60	\$105.60	\$122.70	\$136.00	\$237.55	\$101.55	124.95%
51,000	\$108.00	\$108.00	\$125.50	\$139.50	\$245.30	\$105.80	127.13%
52,000	\$110.40	\$110.40	\$128.30	\$143.00	\$253.05	\$110.05	129.21%
53,000	\$112.80	\$112.80	\$131.10	\$146.50	\$260.80	\$114.30	131.21%
54,000	\$115.20	\$115.20	\$133.90	\$150.00	\$268.55	\$118.55	133.12%
55,000	\$117.60	\$117.60	\$136.70	\$153.50	\$276.30	\$122.80	134.95%
56,000	\$120.00	\$120.00	\$139.50	\$157.00	\$284.05	\$127.05	136.71%
57,000	\$122.40	\$122.40	\$142.30	\$160.50	\$291.80	\$131.30	138.40%
58,000	\$124.80	\$124.80	\$145.10	\$164.00	\$299.55	\$135.55	140.02%
59,000	\$127.20	\$127.20	\$147.90	\$167.50	\$307.30	\$139.80	141.59%
60,000	\$129.60	\$129.60	\$150.70	\$171.00	\$315.05	\$144.05	143.09%
61,000	\$132.00	\$132.00	\$153.50	\$174.50	\$322.80	\$148.30	144.55%
62,000	\$134.40	\$134.40	\$156.30	\$178.00	\$330.55	\$152.55	145.94%
63,000	\$136.80	\$136.80	\$159.10	\$181.50	\$338.30	\$156.80	147.30%
64,000	\$139.20	\$139.20	\$161.90	\$185.00	\$346.05	\$161.05	148.60%
65,000	\$141.60	\$141.60	\$164.70	\$188.50	\$353.80	\$165.30	149.86%
66,000	\$144.00	\$144.00	\$167.50	\$192.00	\$361.55	\$169.55	151.08%
67,000	\$146.40	\$146.40	\$170.30	\$195.50	\$369.30	\$173.80	152.25%
68,000	\$148.80	\$148.80	\$173.10	\$199.00	\$377.05	\$178.05	153.39%
69,000	\$151.20	\$151.20	\$175.90	\$202.50	\$384.80	\$182.30	154.50%
70,000	\$153.60	\$153.60	\$178.70	\$206.00	\$392.55	\$186.55	155.57%
71,000	\$156.00	\$156.00	\$181.50	\$209.50	\$400.30	\$190.80	156.60%
72,000	\$158.40	\$158.40	\$184.30	\$213.00	\$408.05	\$195.05	157.61%
73,000	\$160.80	\$160.80	\$187.10	\$216.50	\$415.80	\$199.30	158.58%
74,000	\$163.20	\$163.20	\$189.90	\$220.00	\$423.55	\$203.55	159.53%
75,000	\$165.60	\$165.60	\$192.70	\$223.50	\$431.30	\$207.80	160.45%
76,000	\$168.00	\$168.00	\$195.50	\$227.00	\$439.05	\$212.05	161.34%
77,000	\$170.40	\$170.40	\$198.30	\$230.50	\$446.80	\$216.30	162.21%
78,000	\$172.80	\$172.80	\$201.10	\$234.00	\$454.55	\$220.55	163.05%
79,000	\$175.20	\$175.20	\$203.90	\$237.50	\$462.30	\$224.80	163.87%
80,000	\$177.60	\$177.60	\$206.70	\$241.00	\$470.05	\$229.05	164.67%
81,000	\$180.00	\$180.00	\$209.50	\$244.50	\$477.80	\$233.30	165.44%
82,000	\$182.40	\$182.40	\$212.30	\$248.00	\$485.55	\$237.55	166.20%
83,000	\$184.80	\$184.80	\$215.10	\$251.50	\$493.30	\$241.80	166.94%
84,000	\$187.20	\$187.20	\$217.90	\$255.00	\$501.05	\$246.05	167.65%
85,000	\$189.60	\$189.60	\$220.70	\$258.50	\$508.80	\$250.30	168.35%
86,000	\$192.00	\$192.00	\$223.50	\$262.00	\$516.55	\$254.55	169.04%
87,000	\$194.40	\$194.40	\$226.30	\$265.50	\$524.30	\$258.80	169.70%
88,000	\$196.80	\$196.80	\$229.10	\$269.00	\$532.05	\$263.05	170.35%
89,000	\$199.20	\$199.20	\$231.90	\$272.50	\$539.80	\$267.30	170.98%
90,000	\$201.60	\$201.60	\$234.70	\$276.00	\$547.55	\$271.55	171.60%
91,000	\$204.00	\$204.00	\$237.50	\$279.50	\$555.30	\$275.80	172.21%
92,000	\$206.40	\$206.40	\$240.30	\$283.00	\$563.05	\$280.05	172.80%
93,000	\$208.80	\$208.80	\$243.10	\$286.50	\$570.80	\$284.30	173.37%
94,000	\$211.20	\$211.20	\$245.90	\$290.00	\$578.55	\$288.55	173.93%
95,000	\$213.60	\$213.60	\$248.70	\$293.50	\$586.30	\$292.80	174.49%
96,000	\$216.00	\$216.00	\$251.50	\$297.00	\$594.05	\$297.05	175.02%
97,000	\$218.40	\$218.40	\$254.30	\$300.50	\$601.80	\$301.30	175.55%
98,000	\$220.80	\$220.80	\$257.10	\$304.00	\$609.55	\$305.55	176.06%
99,000	\$223.20	\$223.20	\$259.90	\$307.50	\$617.30	\$309.80	176.57%

Average Bill

Historical Comparison  
Commerical Water Rate Structure  
April 2008

**With Residential Rate**

Consumption	Pre-2003 Rate	June 1, 2003 Rate	May 1, 2006 Rate	Proposed May 1, 2008 Rate	Residential May 1, 2008 Rate	Difference	Percent to 1999
100,000	\$225.60	\$225.60	\$262.70	\$311.00	\$625.05	\$314.05	177.06%
101,000	\$228.00	\$228.00	\$265.50	\$314.50	\$632.80	\$318.30	177.54%
102,000	\$230.40	\$230.40	\$268.30	\$318.00	\$640.55	\$322.55	178.02%
103,000	\$232.80	\$232.80	\$271.10	\$321.50	\$648.30	\$326.80	178.48%
104,000	\$235.20	\$235.20	\$273.90	\$325.00	\$656.05	\$331.05	178.93%
105,000	\$237.60	\$237.60	\$276.70	\$328.50	\$663.80	\$335.30	179.38%
106,000	\$240.00	\$240.00	\$279.50	\$332.00	\$671.55	\$339.55	179.81%
107,000	\$242.40	\$242.40	\$282.30	\$335.50	\$679.30	\$343.80	180.24%
108,000	\$244.80	\$244.80	\$285.10	\$339.00	\$687.05	\$348.05	180.66%
109,000	\$247.20	\$247.20	\$287.90	\$342.50	\$694.80	\$352.30	181.07%
110,000	\$249.60	\$249.60	\$290.70	\$346.00	\$702.55	\$356.55	181.47%
111,000	\$252.00	\$252.00	\$293.50	\$349.50	\$710.30	\$360.80	181.87%
112,000	\$254.40	\$254.40	\$296.30	\$353.00	\$718.05	\$365.05	182.25%
113,000	\$256.80	\$256.80	\$299.10	\$356.50	\$725.80	\$369.30	182.63%
114,000	\$259.20	\$259.20	\$301.90	\$360.00	\$733.55	\$373.55	183.01%
115,000	\$261.60	\$261.60	\$304.70	\$363.50	\$741.30	\$377.80	183.37%
116,000	\$264.00	\$264.00	\$307.50	\$367.00	\$749.05	\$382.05	183.73%
117,000	\$266.40	\$266.40	\$310.30	\$370.50	\$756.80	\$386.30	184.08%
118,000	\$268.80	\$268.80	\$313.10	\$374.00	\$764.55	\$390.55	184.43%
119,000	\$271.20	\$271.20	\$315.90	\$377.50	\$772.30	\$394.80	184.77%
120,000	\$273.60	\$273.60	\$318.70	\$381.00	\$780.05	\$399.05	185.11%
121,000	\$276.00	\$276.00	\$321.50	\$384.50	\$787.80	\$403.30	185.43%
122,000	\$278.40	\$278.40	\$324.30	\$388.00	\$795.55	\$407.55	185.76%
123,000	\$280.80	\$280.80	\$327.10	\$391.50	\$803.30	\$411.80	186.08%
124,000	\$283.20	\$283.20	\$329.90	\$395.00	\$811.05	\$416.05	186.39%
125,000	\$285.60	\$285.60	\$332.70	\$398.50	\$818.80	\$420.30	186.69%
250,000	\$585.60	\$585.60	\$682.70	\$836.00	\$1,787.55	\$951.55	205.25%
500,000	\$1,185.60	\$1,185.60	\$1,382.70	\$1,711.00	\$3,725.05	\$2,014.05	214.19%
1,000,000	\$2,385.60	\$2,385.60	\$2,782.70	\$3,461.00	\$7,600.05	\$4,139.05	218.58%

Historical Comparison  
Commerical Water Rate Structure  
April 2008

With Alternate Rate

5

Consumption	Pre-2003 Rate	June 1, 2003 Rate	May 1, 2006 Rate	Proposed May 1, 2008 Rate	Alternate May 1, 2008 Rate	Difference	Percent to 1999
Base Charge	\$24.00	\$24.00	\$27.50	\$32.50	\$32.50	18.18%	Increase is 18% to 61% rather than 18% to 26%
5,000 to 24,999	\$1.80	\$1.80	\$2.10	\$2.50	\$3.00	42.86%	
25,000 to 49,999	\$1.80	\$1.80	\$2.10	\$2.50	\$3.00	42.86%	
50,000+	\$2.40	\$2.40	\$2.80	\$3.50	\$4.50	60.71%	
5,000	\$24.00	\$24.00	\$27.50	\$32.50	\$32.50	\$0.00	35.42%
6,000	\$25.80	\$25.80	\$29.60	\$35.00	\$35.50	\$0.50	37.60%
7,000	\$27.60	\$27.60	\$31.70	\$37.50	\$38.50	\$1.00	39.49%
8,000	\$29.40	\$29.40	\$33.80	\$40.00	\$41.50	\$1.50	41.16%
9,000	\$31.20	\$31.20	\$35.90	\$42.50	\$44.50	\$2.00	42.63%
10,000	\$33.00	\$33.00	\$38.00	\$45.00	\$47.50	\$2.50	43.94%
11,000	\$34.80	\$34.80	\$40.10	\$47.50	\$50.50	\$3.00	45.11%
12,000	\$36.60	\$36.60	\$42.20	\$50.00	\$53.50	\$3.50	46.17%
13,000	\$38.40	\$38.40	\$44.30	\$52.50	\$56.50	\$4.00	47.14%
14,000	\$40.20	\$40.20	\$46.40	\$55.00	\$59.50	\$4.50	48.01% <i>Median Bill</i>
15,000	\$42.00	\$42.00	\$48.50	\$57.50	\$62.50	\$5.00	48.81%
16,000	\$43.80	\$43.80	\$50.60	\$60.00	\$65.50	\$5.50	49.54%
17,000	\$45.60	\$45.60	\$52.70	\$62.50	\$68.50	\$6.00	50.22%
18,000	\$47.40	\$47.40	\$54.80	\$65.00	\$71.50	\$6.50	50.84%
19,000	\$49.20	\$49.20	\$56.90	\$67.50	\$74.50	\$7.00	51.42%
20,000	\$51.00	\$51.00	\$59.00	\$70.00	\$77.50	\$7.50	51.96%
21,000	\$52.80	\$52.80	\$61.10	\$72.50	\$80.50	\$8.00	52.46%
22,000	\$54.60	\$54.60	\$63.20	\$75.00	\$83.50	\$8.50	52.93%
23,000	\$56.40	\$56.40	\$65.30	\$77.50	\$86.50	\$9.00	53.37%
24,000	\$58.20	\$58.20	\$67.40	\$80.00	\$89.50	\$9.50	53.78%
25,000	\$60.00	\$60.00	\$69.50	\$82.50	\$92.50	\$10.00	54.17%
26,000	\$61.80	\$61.80	\$71.60	\$84.20	\$95.50	\$11.30	54.53%
27,000	\$63.60	\$63.60	\$73.70	\$86.30	\$98.50	\$12.20	54.87%
28,000	\$65.40	\$65.40	\$75.80	\$88.40	\$101.50	\$13.10	55.20%
29,000	\$67.20	\$67.20	\$77.90	\$90.50	\$104.50	\$14.00	55.51%
30,000	\$69.00	\$69.00	\$80.00	\$92.60	\$107.50	\$14.90	55.80%
31,000	\$70.80	\$70.80	\$82.10	\$94.70	\$110.50	\$15.80	56.07%
32,000	\$72.60	\$72.60	\$84.20	\$96.80	\$113.50	\$16.70	56.34%
33,000	\$74.40	\$74.40	\$86.30	\$98.90	\$116.50	\$17.60	56.59%
34,000	\$76.20	\$76.20	\$88.40	\$101.00	\$119.50	\$18.50	56.82%
35,000	\$78.00	\$78.00	\$90.50	\$103.10	\$122.50	\$19.40	57.05%
36,000	\$79.80	\$79.80	\$92.60	\$105.20	\$125.50	\$20.30	57.27%
37,000	\$81.60	\$81.60	\$94.70	\$107.30	\$128.50	\$21.20	57.48%
38,000	\$83.40	\$83.40	\$96.80	\$109.40	\$131.50	\$22.10	57.67%
39,000	\$85.20	\$85.20	\$98.90	\$111.50	\$134.50	\$23.00	57.86%
40,000	\$87.00	\$87.00	\$101.00	\$113.60	\$137.50	\$23.90	58.05%
41,000	\$88.80	\$88.80	\$103.10	\$115.70	\$140.50	\$24.80	58.22%
42,000	\$90.60	\$90.60	\$105.20	\$117.80	\$143.50	\$25.70	58.39%
43,000	\$92.40	\$92.40	\$107.30	\$119.90	\$146.50	\$26.60	58.55%
44,000	\$94.20	\$94.20	\$109.40	\$122.00	\$149.50	\$27.50	58.70%
45,000	\$96.00	\$96.00	\$111.50	\$124.10	\$152.50	\$28.40	58.85%
46,000	\$97.80	\$97.80	\$113.60	\$126.20	\$155.50	\$29.30	59.00%
47,000	\$99.60	\$99.60	\$115.70	\$128.30	\$158.50	\$30.20	59.14%
48,000	\$101.40	\$101.40	\$117.80	\$130.40	\$161.50	\$31.10	59.27%
49,000	\$103.20	\$103.20	\$119.90	\$132.50	\$164.50	\$32.00	59.40%

*Cross over*

Historical Comparison  
Commerical Water Rate Structure  
April 2008

With Alternate Rate

Consumption	Pre-2003 Rate	June 1, 2003 Rate	May 1, 2006 Rate	Proposed May 1, 2008 Rate	Alternate May 1, 2008 Rate	Difference	Percent to 1999
50,000	\$105.60	\$105.60	\$122.70	\$136.00	\$169.00	\$33.00	60.04%
51,000	\$108.00	\$108.00	\$125.50	\$139.50	\$173.50	\$34.00	60.65%
52,000	\$110.40	\$110.40	\$128.30	\$143.00	\$178.00	\$35.00	61.23%
53,000	\$112.80	\$112.80	\$131.10	\$146.50	\$182.50	\$36.00	61.79%
54,000	\$115.20	\$115.20	\$133.90	\$150.00	\$187.00	\$37.00	62.33%
55,000	\$117.60	\$117.60	\$136.70	\$153.50	\$191.50	\$38.00	62.84%
56,000	\$120.00	\$120.00	\$139.50	\$157.00	\$196.00	\$39.00	63.33%
57,000	\$122.40	\$122.40	\$142.30	\$160.50	\$200.50	\$40.00	63.81%
58,000	\$124.80	\$124.80	\$145.10	\$164.00	\$205.00	\$41.00	64.26%
59,000	\$127.20	\$127.20	\$147.90	\$167.50	\$209.50	\$42.00	64.70%
60,000	\$129.60	\$129.60	\$150.70	\$171.00	\$214.00	\$43.00	65.12%
61,000	\$132.00	\$132.00	\$153.50	\$174.50	\$218.50	\$44.00	65.53%
62,000	\$134.40	\$134.40	\$156.30	\$178.00	\$223.00	\$45.00	65.92%
63,000	\$136.80	\$136.80	\$159.10	\$181.50	\$227.50	\$46.00	66.30%
64,000	\$139.20	\$139.20	\$161.90	\$185.00	\$232.00	\$47.00	66.67%
65,000	\$141.60	\$141.60	\$164.70	\$188.50	\$236.50	\$48.00	67.02%
66,000	\$144.00	\$144.00	\$167.50	\$192.00	\$241.00	\$49.00	67.36%
67,000	\$146.40	\$146.40	\$170.30	\$195.50	\$245.50	\$50.00	67.69%
68,000	\$148.80	\$148.80	\$173.10	\$199.00	\$250.00	\$51.00	68.01%
69,000	\$151.20	\$151.20	\$175.90	\$202.50	\$254.50	\$52.00	68.32%
70,000	\$153.60	\$153.60	\$178.70	\$206.00	\$259.00	\$53.00	68.62%
71,000	\$156.00	\$156.00	\$181.50	\$209.50	\$263.50	\$54.00	68.91%
72,000	\$158.40	\$158.40	\$184.30	\$213.00	\$268.00	\$55.00	69.19% Average Bill
73,000	\$160.80	\$160.80	\$187.10	\$216.50	\$272.50	\$56.00	69.47%
74,000	\$163.20	\$163.20	\$189.90	\$220.00	\$277.00	\$57.00	69.73%
75,000	\$165.60	\$165.60	\$192.70	\$223.50	\$281.50	\$58.00	69.99%
76,000	\$168.00	\$168.00	\$195.50	\$227.00	\$286.00	\$59.00	70.24%
77,000	\$170.40	\$170.40	\$198.30	\$230.50	\$290.50	\$60.00	70.48%
78,000	\$172.80	\$172.80	\$201.10	\$234.00	\$295.00	\$61.00	70.72%
79,000	\$175.20	\$175.20	\$203.90	\$237.50	\$299.50	\$62.00	70.95%
80,000	\$177.60	\$177.60	\$206.70	\$241.00	\$304.00	\$63.00	71.17%
81,000	\$180.00	\$180.00	\$209.50	\$244.50	\$308.50	\$64.00	71.39%
82,000	\$182.40	\$182.40	\$212.30	\$248.00	\$313.00	\$65.00	71.60%
83,000	\$184.80	\$184.80	\$215.10	\$251.50	\$317.50	\$66.00	71.81%
84,000	\$187.20	\$187.20	\$217.90	\$255.00	\$322.00	\$67.00	72.01%
85,000	\$189.60	\$189.60	\$220.70	\$258.50	\$326.50	\$68.00	72.20%
86,000	\$192.00	\$192.00	\$223.50	\$262.00	\$331.00	\$69.00	72.40%
87,000	\$194.40	\$194.40	\$226.30	\$265.50	\$335.50	\$70.00	72.58%
88,000	\$196.80	\$196.80	\$229.10	\$269.00	\$340.00	\$71.00	72.76%
89,000	\$199.20	\$199.20	\$231.90	\$272.50	\$344.50	\$72.00	72.94%
90,000	\$201.60	\$201.60	\$234.70	\$276.00	\$349.00	\$73.00	73.12%
91,000	\$204.00	\$204.00	\$237.50	\$279.50	\$353.50	\$74.00	73.28%
92,000	\$206.40	\$206.40	\$240.30	\$283.00	\$358.00	\$75.00	73.45%
93,000	\$208.80	\$208.80	\$243.10	\$286.50	\$362.50	\$76.00	73.61%
94,000	\$211.20	\$211.20	\$245.90	\$290.00	\$367.00	\$77.00	73.77%
95,000	\$213.60	\$213.60	\$248.70	\$293.50	\$371.50	\$78.00	73.92%
96,000	\$216.00	\$216.00	\$251.50	\$297.00	\$376.00	\$79.00	74.07%
97,000	\$218.40	\$218.40	\$254.30	\$300.50	\$380.50	\$80.00	74.22%
98,000	\$220.80	\$220.80	\$257.10	\$304.00	\$385.00	\$81.00	74.37%
99,000	\$223.20	\$223.20	\$259.90	\$307.50	\$389.50	\$82.00	74.51%

Historical Comparison  
Commerical Water Rate Structure  
April 2008

With Alternate Rate

Consumption	Pre-2003 Rate	June 1, 2003 Rate	May 1, 2006 Rate	Proposed May 1, 2008 Rate	Alternate May 1, 2008 Rate	Difference	Percent to 1999
100,000	\$225.60	\$225.60	\$262.70	\$311.00	\$394.00	\$83.00	74.65%
101,000	\$228.00	\$228.00	\$265.50	\$314.50	\$398.50	\$84.00	74.78%
102,000	\$230.40	\$230.40	\$268.30	\$318.00	\$403.00	\$85.00	74.91%
103,000	\$232.80	\$232.80	\$271.10	\$321.50	\$407.50	\$86.00	75.04%
104,000	\$235.20	\$235.20	\$273.90	\$325.00	\$412.00	\$87.00	75.17%
105,000	\$237.60	\$237.60	\$276.70	\$328.50	\$416.50	\$88.00	75.29%
106,000	\$240.00	\$240.00	\$279.50	\$332.00	\$421.00	\$89.00	75.42%
107,000	\$242.40	\$242.40	\$282.30	\$335.50	\$425.50	\$90.00	75.54%
108,000	\$244.80	\$244.80	\$285.10	\$339.00	\$430.00	\$91.00	75.65%
109,000	\$247.20	\$247.20	\$287.90	\$342.50	\$434.50	\$92.00	75.77%
110,000	\$249.60	\$249.60	\$290.70	\$346.00	\$439.00	\$93.00	75.88%
111,000	\$252.00	\$252.00	\$293.50	\$349.50	\$443.50	\$94.00	75.99%
112,000	\$254.40	\$254.40	\$296.30	\$353.00	\$448.00	\$95.00	76.10%
113,000	\$256.80	\$256.80	\$299.10	\$356.50	\$452.50	\$96.00	76.21%
114,000	\$259.20	\$259.20	\$301.90	\$360.00	\$457.00	\$97.00	76.31%
115,000	\$261.60	\$261.60	\$304.70	\$363.50	\$461.50	\$98.00	76.41%
116,000	\$264.00	\$264.00	\$307.50	\$367.00	\$466.00	\$99.00	76.52%
117,000	\$266.40	\$266.40	\$310.30	\$370.50	\$470.50	\$100.00	76.61%
118,000	\$268.80	\$268.80	\$313.10	\$374.00	\$475.00	\$101.00	76.71%
119,000	\$271.20	\$271.20	\$315.90	\$377.50	\$479.50	\$102.00	76.81%
120,000	\$273.60	\$273.60	\$318.70	\$381.00	\$484.00	\$103.00	76.90%
121,000	\$276.00	\$276.00	\$321.50	\$384.50	\$488.50	\$104.00	76.99%
122,000	\$278.40	\$278.40	\$324.30	\$388.00	\$493.00	\$105.00	77.08%
123,000	\$280.80	\$280.80	\$327.10	\$391.50	\$497.50	\$106.00	77.17%
124,000	\$283.20	\$283.20	\$329.90	\$395.00	\$502.00	\$107.00	77.26%
125,000	\$285.60	\$285.60	\$332.70	\$398.50	\$506.50	\$108.00	77.35%
250,000	\$585.60	\$585.60	\$682.70	\$836.00	\$1,069.00	\$233.00	82.55%
500,000	\$1,185.60	\$1,185.60	\$1,382.70	\$1,711.00	\$2,194.00	\$483.00	85.05%
1,000,000	\$2,385.60	\$2,385.60	\$2,782.70	\$3,461.00	\$4,444.00	\$983.00	86.28%

**Water Rates  
Effective With September 2008 Billing\***

Option #1

6

Rate Code	Description	Volume	June 1, 2003 Rate	May 1, 2006 Rate	Rate Effective September 2008 Billing	Percent
WATER***	Residential Water	Minimum - 0 to 5,000 Gallons	\$15.00	\$16.50	\$19.00	15.15%
		5,001 to 25,000 Gallons	\$2.50	\$2.85	\$3.20	12.28%
		25,001 to 50,000 Gallons	\$4.50	\$5.20	\$6.00	15.38%
		Over 50,001 Gallons	\$5.50	\$6.35	\$7.75	22.05%
WATCM	Commercial	Minimum - 0 to 5,000 Gallons	\$24.00	\$27.50	\$32.50	18.18%
		5,001 to 50,000 Gallons	\$1.80	\$2.10	\$2.50	19.05%
		Over 50,001 Gallons	\$2.40	\$2.80	\$3.50	25.00%
WATCN	Condominiums	Minimum - 0 to 5,000 Gallons	\$15.00	\$16.50	\$19.00	15.15%
		5,001 to 25,000 Gallons	\$2.50	\$2.85	\$3.20	12.28%
		25,001 to 50,000 Gallons	\$4.50	\$5.20	\$6.00	15.38%
		Over 50,001 Gallons	\$5.50	\$6.35	\$7.75	22.05%
WATERA	Apartments	Flat Rate	\$3.00/1,000 gallons	\$3.45/1,000 gallons	\$4.00/1,000 gallons	14.28%
WATLAW	Residential Lawns	Minimum - 0 to 5,000 Gallons	\$15.00	\$4.50/1,000 Gallons	Minimum of \$19.00 &	
		5,001 to 25,000 Gallons	\$2.50	0 to 60,000 Gallons	\$5.75/1,000 Gallons	27.78%
		25,001 to 50,000 Gallons	\$4.50	\$4.75/1,000 Gallons	0 to 60,000 Gallons	
		Over 50,001 Gallons	\$5.50	Above 60,001 Gallons	\$6.00/1,000 Gallons	26.32%
					Above 60,001 Gallons	
WATERS	Residential Summer	Flat Rate	\$3.00/1,000 Gallons	\$4.50/1,000 Gallons	Minimum of \$19.00 &	
				0 to 60,000 Gallons	\$5.75/1,000 Gallons	27.78%
				\$4.75/1,000 Gallons	0 to 60,000 Gallons	
				Above 60,001 Gallons	\$6.00/1,000 Gallons	26.32%
					Above 60,001 Gallons	
WATALN	Apartment Lawns	Flat Rate	\$3.00/1,000 Gallons	\$4.50/1,000 Gallons	Minimum of \$19.00 &	
				0 to 60,000 Gallons	\$5.75/1,000 Gallons	27.78%
				\$4.75/1,000 Gallons	0 to 60,000 Gallons	
				Above 60,001 Gallons	\$6.00/1,000 Gallons	26.32%
					Above 60,001 Gallons	
WATCML	Commercial Lawns	Flat Rate	\$3.00/1,000 Gallons	\$4.50/1,000 Gallons	Minimum of \$19.00 &	
				0 to 60,000 Gallons	\$5.75/1,000 Gallons	27.78%
				\$4.75/1,000 Gallons	0 to 60,000 Gallons	
				Above 60,001 Gallons	\$6.00/1,000 Gallons	26.32%
					Above 60,001 Gallons	
WATCNL	Condominium Lawns	Flat Rate	\$3.00/1,000 Gallons	\$4.50/1,000 Gallons	Minimum of \$19.00 &	
				0 to 60,000 Gallons	\$5.75/1,000 Gallons	27.78%
				\$4.75/1,000 Gallons	0 to 60,000 Gallons	
				Above 60,001 Gallons	\$6.00/1,000 Gallons	26.32%
					Above 60,001 Gallons	
WATSCH	School & Municipal	Minimum - 0 to 5,000 Gallons	\$24.00	\$24.00	\$24.00	
		5,001 to 50,000 Gallons	\$1.80	\$1.80	\$1.80	
		Over 50,001 Gallons	\$2.40	\$2.40	\$2.40	
WATSCL	School & Municipal Lawns	Flat Rate	\$3.00/1,000 Gallons	\$3.00/1,000 Gallons	\$3.00/1,000 Gallons	

<b>***July 1, 1999 Residential Rate</b>	
Minimum - 0 to 5,000 Gallons	\$24.00
5,001 to 25,000 Gallons	\$1.80
25,001 to 50,000 Gallons	\$1.80
Over 50,001 Gallons	\$2.40

\*In effect for water sold after May 1, 2008

**Water Rates**  
**Effective With September 2008 Billing\***

Option #2  
 Residential Rate for Commercial



Rate Code	Description	Volume	June 1, 2003 Rate	May 1, 2006 Rate	Rate Effective September 2008 Billing	Percent
WATER***	Residential Water	Minimum - 0 to 5,000 Gallons	\$15.00	\$16.50	\$19.00	15.15%
		5,001 to 25,000 Gallons	\$2.50	\$2.85	\$3.20	12.28%
		25,001 to 50,000 Gallons	\$4.50	\$5.20	\$6.00	15.38%
		Over 50,001 Gallons	\$5.50	\$6.35	\$7.75	22.05%
WATCM	Commercial	Minimum - 0 to 5,000 Gallons	\$24.00	\$27.50	\$19.00	-30.91%
		5,001 to 25,000 Gallons	\$1.80	\$2.10	\$3.20	52.38%
		25,001 to 50,000 Gallons	\$1.80	\$2.10	\$6.00	185.71%
		Over 50,001 Gallons	\$2.40	\$2.80	\$7.75	176.79%
WATCN	Condominiums	Minimum - 0 to 5,000 Gallons	\$15.00	\$16.50	\$19.00	15.15%
		5,001 to 25,000 Gallons	\$2.50	\$2.85	\$3.20	12.28%
		25,001 to 50,000 Gallons	\$4.50	\$5.20	\$6.00	15.38%
		Over 50,001 Gallons	\$5.50	\$6.35	\$7.75	22.05%
WATERA	Apartments	Flat Rate	\$3.00/1,000 gallons	\$3.45/1,000 gallons	\$4.00/1,000 gallons	14.28%
WATLAW	Residential Lawns	Minimum - 0 to 5,000 Gallons	\$15.00	\$4.50/1,000 Gallons	Minimum of \$19.00 & \$5.75/1,000 Gallons	27.78%
		5,001 to 25,000 Gallons	\$2.50	0 to 60,000 Gallons		
		25,001 to 50,000 Gallons	\$4.50	\$4.75/1,000 Gallons	0 to 60,000 Gallons	26.32%
		Over 50,001 Gallons	\$5.50	Above 60,001 Gallons	\$6.00/1,000 Gallons Above 60,001 Gallons	
WATERS	Residential Summer	Flat Rate	\$3.00/1,000 Gallons	\$4.50/1,000 Gallons	Minimum of \$19.00 & \$5.75/1,000 Gallons	27.78%
				0 to 60,000 Gallons		
				\$4.75/1,000 Gallons	0 to 60,000 Gallons	26.32%
				Above 60,001 Gallons	\$6.00/1,000 Gallons Above 60,001 Gallons	
WATALN	Apartment Lawns	Flat Rate	\$3.00/1,000 Gallons	\$4.50/1,000 Gallons	Minimum of \$19.00 & \$5.75/1,000 Gallons	27.78%
				0 to 60,000 Gallons		
				\$4.75/1,000 Gallons	0 to 60,000 Gallons	26.32%
				Above 60,001 Gallons	\$6.00/1,000 Gallons Above 60,001 Gallons	
WATCML	Commercial Lawns	Flat Rate	\$3.00/1,000 Gallons	\$4.50/1,000 Gallons	Minimum of \$19.00 & \$5.75/1,000 Gallons	27.78%
				0 to 60,000 Gallons		
				\$4.75/1,000 Gallons	0 to 60,000 Gallons	26.32%
				Above 60,001 Gallons	\$6.00/1,000 Gallons Above 60,001 Gallons	
WATCNL	Condominium Lawns	Flat Rate	\$3.00/1,000 Gallons	\$4.50/1,000 Gallons	Minimum of \$19.00 & \$5.75/1,000 Gallons	27.78%
				0 to 60,000 Gallons		
				\$4.75/1,000 Gallons	0 to 60,000 Gallons	26.32%
				Above 60,001 Gallons	\$6.00/1,000 Gallons Above 60,001 Gallons	
WATSCH	School & Municipal	Minimum - 0 to 5,000 Gallons	\$24.00	\$24.00	\$24.00	
		5,001 to 50,000 Gallons	\$1.80	\$1.80	\$1.80	
		Over 50,001 Gallons	\$2.40	\$2.40	\$2.40	
WATSCL	School & Municipal Lawns	Flat Rate	\$3.00/1,000 Gallons	\$3.00/1,000 Gallons	\$3.00/1,000 Gallons	

***July 1, 1999 Residential Rate	
Minimum - 0 to 5,000 Gallons	\$24.00
5,001 to 25,000 Gallons	\$1.80
25,001 to 50,000 Gallons	\$1.80
Over 50,001 Gallons	\$2.40

\*In effect for water sold after May 1, 2008

**Water Rates**  
**Effective With September 2008 Billing\***

Option #3  
 Alternate Commerical Rate



Rate Code	Description	Volume	June 1, 2003 Rate	May 1, 2006 Rate	Rate Effective September 2008 Billing	Percent
WATER***	Residential Water	Minimum - 0 to 5,000 Gallons	\$15.00	\$16.50	\$19.00	15.15%
		5,001 to 25,000 Gallons	\$2.50	\$2.85	\$3.20	12.28%
		25,001 to 50,000 Gallons	\$4.50	\$5.20	\$6.00	15.38%
		Over 50,001 Gallons	\$5.50	\$6.35	\$7.75	22.05%
WATCM	Commercial	Minimum - 0 to 5,000 Gallons	\$24.00	\$27.50	\$32.50	18.18%
		5,001 to 25,000 Gallons	\$1.80	\$2.10	\$3.00	42.86%
		25,001 to 50,000 Gallons	\$1.80	\$2.10	\$3.00	42.86%
		Over 50,001 Gallons	\$2.40	\$2.80	\$4.50	60.71%
WATCN	Condominiums	Minimum - 0 to 5,000 Gallons	\$15.00	\$16.50	\$19.00	15.15%
		5,001 to 25,000 Gallons	\$2.50	\$2.85	\$3.20	12.28%
		25,001 to 50,000 Gallons	\$4.50	\$5.20	\$6.00	15.38%
		Over 50,001 Gallons	\$5.50	\$6.35	\$7.75	22.05%
WATERA	Apartments	Flat Rate	\$3.00/1,000 gallons	\$3.45/1,000 gallons	\$4.00/1,000 gallons	14.28%
WATLAW	Residential Lawns	Minimum - 0 to 5,000 Gallons	\$15.00	\$4.50/1,000 Gallons	Minimum of \$19.00 & \$5.75/1,000 Gallons	27.78%
		5,001 to 25,000 Gallons	\$2.50	0 to 60,000 Gallons		
		25,001 to 50,000 Gallons	\$4.50	\$4.75/1,000 Gallons	0 to 60,000 Gallons	26.32%
		Over 50,001 Gallons	\$5.50	Above 60,001 Gallons	\$6.00/1,000 Gallons Above 60,001 Gallons	
WATERS	Residential Summer	Flat Rate	\$3.00/1,000 Gallons	\$4.50/1,000 Gallons	Minimum of \$19.00 & \$5.75/1,000 Gallons	27.78%
				0 to 60,000 Gallons		
				\$4.75/1,000 Gallons	0 to 60,000 Gallons	26.32%
				Above 60,001 Gallons	\$6.00/1,000 Gallons Above 60,001 Gallons	
WATALN	Apartment Lawns	Flat Rate	\$3.00/1,000 Gallons	\$4.50/1,000 Gallons	Minimum of \$19.00 & \$5.75/1,000 Gallons	27.78%
				0 to 60,000 Gallons		
				\$4.75/1,000 Gallons	0 to 60,000 Gallons	26.32%
				Above 60,001 Gallons	\$6.00/1,000 Gallons Above 60,001 Gallons	
WATCML	Commercial Lawns	Flat Rate	\$3.00/1,000 Gallons	\$4.50/1,000 Gallons	Minimum of \$19.00 & \$5.75/1,000 Gallons	27.78%
				0 to 60,000 Gallons		
				\$4.75/1,000 Gallons	0 to 60,000 Gallons	26.32%
				Above 60,001 Gallons	\$6.00/1,000 Gallons Above 60,001 Gallons	
WATCNL	Condominium Lawns	Flat Rate	\$3.00/1,000 Gallons	\$4.50/1,000 Gallons	Minimum of \$19.00 & \$5.75/1,000 Gallons	27.78%
				0 to 60,000 Gallons		
				\$4.75/1,000 Gallons	0 to 60,000 Gallons	26.32%
				Above 60,001 Gallons	\$6.00/1,000 Gallons Above 60,001 Gallons	
WATSCH	School & Municipal	Minimum - 0 to 5,000 Gallons	\$24.00	\$24.00	\$24.00	
		5,001 to 50,000 Gallons	\$1.80	\$1.80	\$1.80	
		Over 50,001 Gallons	\$2.40	\$2.40	\$2.40	
WATSCL	School & Municipal Lawns	Flat Rate	\$3.00/1,000 Gallons	\$3.00/1,000 Gallons	\$3.00/1,000 Gallons	

***July 1, 1999 Residential Rate	
Minimum - 0 to 5,000 Gallons	\$24.00
5,001 to 25,000 Gallons	\$1.80
25,001 to 50,000 Gallons	\$1.80
Over 50,001 Gallons	\$2.40

\*In effect for water sold after May 1, 2008