CITY OF RUTLAND

Water & Sewer Rate Studies

FY 2017

Prepared by Rutland City Department of Public Works

November 5, 2015

CITY OF RUTLAND

Department of Public Works

RUTLAND, VERMONT

FY2017 WATER AND SEWER RATE STUDY

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CITY OF RUTLAND
Department of Public Works
RUTLAND, VERMONT

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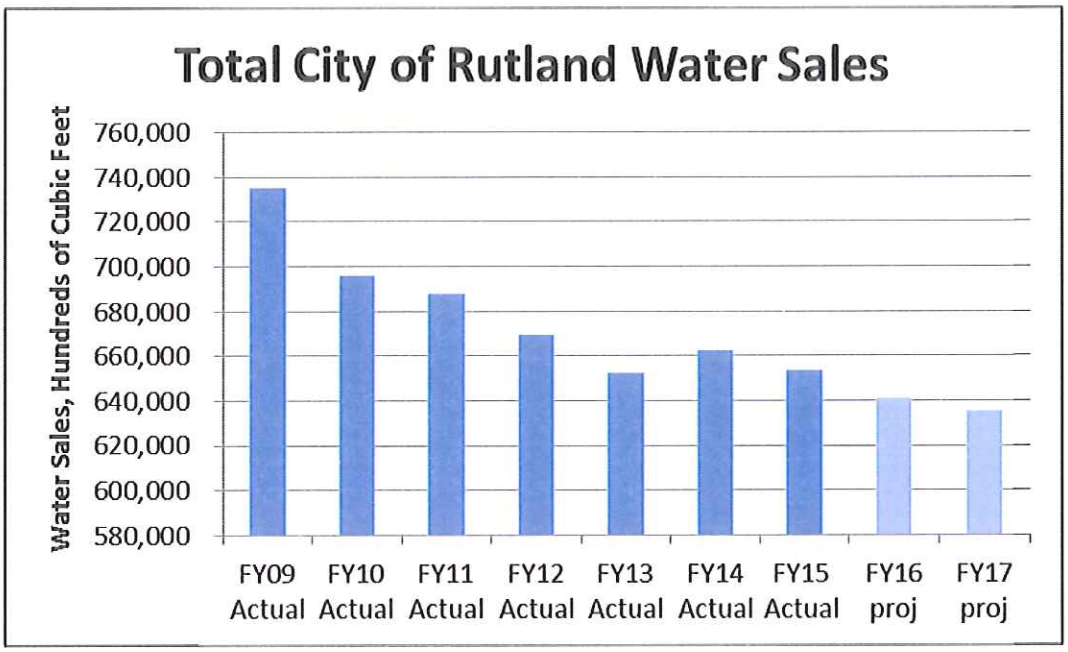
Jeff Wennberg
Commissioner

Jim Rotondo, P.E.
City Engineer

November 6, 2015
TO: Rutland City Board of Aldermen
FROM: Jeff Wennberg, Commissioner of Public Works

Water and Sewer Rate Study for FY2017

Billed water consumption appears to be levelling off after a protracted decline. In FY2014 billed sales increased nearly a million gallons over the previous year. As expected, FY2015 dropped back to FY2013 levels, and projections for FY2016 and FY2017 indicate small reductions in total sales, but the overall trend is levelling off. Several new businesses have taken advantage of the water rate stabilization policy adopted by the Board of Aldermen, which encourages high volume users to locate in the City and gives them up to five years before they are required to pay the full water and sewer rates. This is designed to increase sales, which over time will reduce the need for future rate increases.



Water

Of continuing concern is the gap between water that is produced and delivered to the City and water that passes through meters. The difference is significant – around 1.2 million gallons a day. This is about half of the water the City produces. Some of this is being used by a long list of organizations that are exempt from paying water and sewer bills, including all City buildings, all schools, and a number of exempt nonprofits. But how much is being used and how much is being stolen, or lost through leaks?

To answer the last part of that question, Matchpoint, Inc. was contracted by the Vermont Department of Environmental Conservation to provide 11 days of Professional Leak Detection services for our distribution system's main water lines. In that time Matchpoint surveyed 47% of the total system, covering 50.6 miles of

pipe. On completion of this survey, they conservatively estimated that the total volume of leaks pinpointed will equate to approximately 65.25 gallons per minute, or 93,960 per day or 2,818,800 gallons per month (30 day), or 34,295,400 gallons per year, once repaired. The leaks that were discovered have been repaired and detection efforts will continue.

The DPW has made a serious effort to reduce water losses and is now delivering about 200,000 gallons a day less than the average for the last three years. If we assume that the portion of the system that has not been surveyed is about the same as the part that has, that means undetected leaks account for another 200,000 gallons per day. That leaves 800,000 gallons a day of non-revenue water that is unaccounted for. The following is from the Matchpoint report:

"Metering accuracy is paramount to understanding the needs and condition of a distribution system. Unaccounted consumption via disconnected registers, illicit use, meter inaccuracies, hydrant flushing and unbilled structures such as schools, parks/recreational facilities or other water features, need to be mitigated and accounted for."

Closing this gap is a high priority for the Department. That is why the proposed Water Distribution/Meters Division budget increases the expenditure on water meters by $25,000 to cover the cost of installing meters on about 50 buildings and facilities that are currently unmetered. To be clear, we are not proposing a change in the exemption policy – that is under the control of the Mayor and the Board of Aldermen. But if we are to gain a proper understanding of where our water is going we must meter every user whether they are billed for that use or not. In addition, we intend to implement the other recommendations in the report including regular scheduled testing of large commercial meters for accuracy.

The Department has received approval from the VT Department of Environmental Conservation to access loan funds to pay for a water main replacement project covering six streets and over a mile of pipe, and the installation of a pressure tank near Campbell Road to stabilize pressure and volume on the west side of the City. The plan calls for replacing mains on Park St, Crescent St, East St., Jackson Ave., Spellman Terrace and Engrem Ave., all of date from the 1880s and 1890s. The loans are very favorable and amount to a 40% grant toward the project costs. The Department plans to place two bonding ballot questions in support of the projects before the voters in March, with construction planned for the summer and fall of 2016. The preliminary estimated cost of both projects is $2.66 million, of which $1 million would be covered by the State.

Budgeted expenditures in the Water Fund are only slightly higher than FY2016. A small increase ($20,000) is planned for Capital Appropriation to pay for additional water main and valve replacements. This brings us to $270,000 per year, with a goal of reaching $500,000 by 2020. The Water budget as submitted does not require an increase in water rates.

Wastewater Treatment

The $5.2 million Northwest Neighborhood Sewer Separation Project (NNSSP) was completed in 2015, as required by the State of Vermont, and the first payments on those bonds will hit the Wastewater Treatment facility (WWTF) budget in FY2017. As a result, the cost of debt in the WWTF budget will grow from $456,244 n FY2016 to $754,736 in FY2017. In addition, the State of Vermont is expected to impose more stringent combined sewer overflow requirements. Additional funding is needed to conduct engineering studies and improve our monitoring and reporting systems, some of which is budgeted in Wastewater Collection. To cover these costs a modest increase is required in the Wastewater Treatment sewer rates.

Wastewater Collection

This budget is level funded with the exception of $20,000 for new sewer structures and other modifications to comply with the new Vermont CSO policy. Once again a small rate increase is required to cover these costs. Capital projects will include the CSO work and additional sewer main lining. The Engineering Division is working on a plan for a multi-year program of sewer lining to systematically upgrade the collection system.

Vehicles

The following vehicles are budgeted for replacement in the Water and Wastewater divisions:

Id:	Year:	Make:	Description	Model:	Division:	Age:	CYC Years	Replacement Cost:	Funding Source:
23	2002	Ford	3/4 Ton 2WD Pickup	F-250	Water	13	8	$35,000	Water/Sewer VF
16	2003	Ford	1Ton 4WD Plow/Dump	F-350	Water	12	8	$55,000	Water Fund

Rates

To cover the cost of the NNSSP bonds the Wastewater Treatment rates are proposed to increase 6.1%. Wastewater Collection rates are planned to increase 4.62% to pay for new state mandates. The overall increase for a typical family (1200 cubic feet per quarter) is projected to be 2.70%, or $4.07 per quarter. A table showing the cost to typical households is shown on page 4.

Even after this increase is included, Rutland City water and sewer rates compare favorably with other Vermont municipal utilities. The table shows current rates except for Rutland, which shows proposed FY2017 rates. Rutland's rates remain below both the average and median rates for the 16 communities sampled.

Water and Sewer Charges for VT utilities "Average Family" based on 1,200 cft per quarter

FY16 Rates

	Water				Sewer				Total
Community	$/100 cft	$/1,000 gal	Fixed Fee	Total	$/100 cft	$/1,000 gal	Fixed Fee	Total	W+S
South Burlington	$2.75			$33.05	$3.75			$45.00	$78.05
Swanton Village		$1.94	$19.19	$36.60		$3.40	$29.85	$60.37	$96.97
Burlington	$4.00			$48.00	$5.55			$66.60	$114.60
Williston		$4.30	$5.38	$43.98		$6.48	$14.80	$72.96	$116.94
Essex		$5.06		$45.42		$8.09		$72.62	$118.03
Middlebury		$2.98	$30.00	$47.81		$7.78	$36.00	$82.49	$130.30
Swanton Town		$3.89	$38.39	$73.31		$3.40	$29.85	$60.37	$133.68
Waterbury	$1.79		$40.80	$62.28	$2.63		$42.00	$73.56	$135.84
Rutland City*	$3.40		$29.05	$69.81	$5.61		$17.55	$84.91	$154.72
Barre+		$4.18	$54.88	$92.40	$2.47		$40.52	$70.16	$162.56
St. Albans City		$1.95	$52.49	$69.99		$4.84	$56.46	$99.90	$169.90
St. Johnsbury		$3.41	$52.00	$82.61		$4.10	$83.00	$119.80	$202.41
Brattleboro	$2.35		$48.38	$76.58	$5.51		$60.13	$126.25	$202.83
Bradford		$1.60	$71.62	$85.98		$4.10	$95.00	$131.80	$217.78
Montpelier		$7.73	$42.50	$111.88		$8.89	$42.50	$122.30	$234.18
Johnson Village		$2.39	$51.63	$73.05		$6.16	$113.21	$168.49	$241.54
Stowe	$2.94		$99.06	$134.34	$3.62		$99.84	$143.28	$277.62

Water and sewer rates represent the most recent published, available information as of November 2015

*FY2017 proposed

+Automatic 3% rate increase every Sept 1.

Average: $164.00

Median: $154.72

COMBINED PROPOSED RATE CHANGES EFFECT ON TYPICAL CITY HOUSEHOLDS
Fiscal Year 2016-2017

1200 ft^3 per quarter

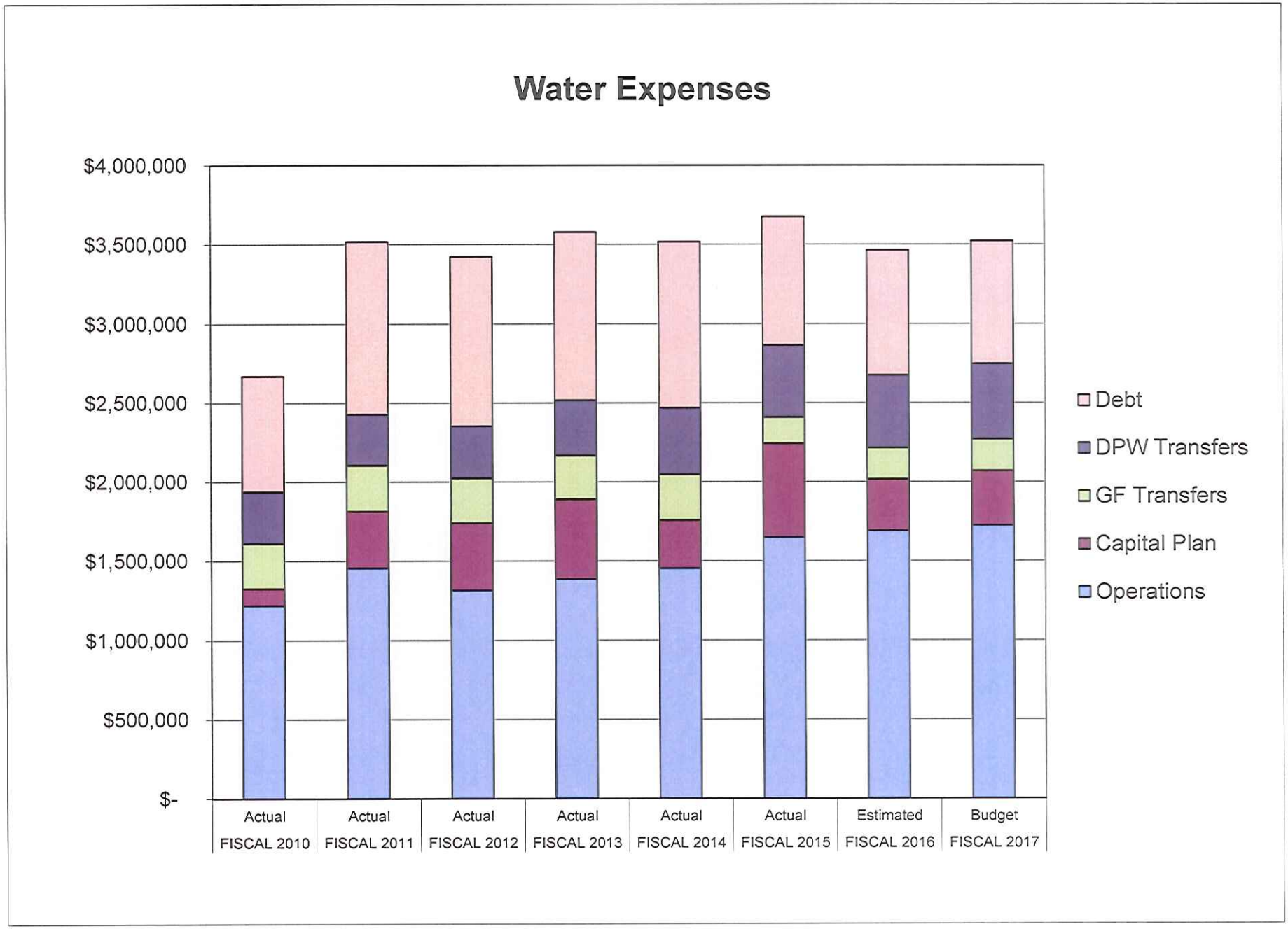
Existing	**FY 2016**		City Rate	Quarterly Billing		Monthly	
	Water		$3.397	$40.76		$13.59	
1200 cft per quarter =	Sewer Treatment		$4.079	$48.94		$16.31	
100 gallons per day	Sewer Maintenance		$1.195	$14.34		$4.78	
	Water Service Fee			$29.05		$9.68	
	Sewer Service Fee			$17.55		$5.85	
				$150.64		$50.21	
Proposed	**FY 2017**	Increase	City Rate	Quarterly Billing	**Qtrly Increase**	Monthly	Mo. Increase
	Water	0.00%	$3.397	$40.76	**$0.00**	$13.59	$0.00
1200 cft per quarter =	Sewer Treatment	6.96%	$4.363	$52.35	**$3.41**	$17.45	$1.14
100 gallons per day	Sewer Maintenance	4.62%	$1.250	$15.00	**$0.66**	$5.00	$0.22
	Water Service Fee	0.00%		$29.05	**$0.00**	$9.68	$0.00
	Sewer Service Fee	0.00%		$17.55	**$0.00**	$5.85	$0.00
				$154.72	**$4.07**	$51.57	$1.36

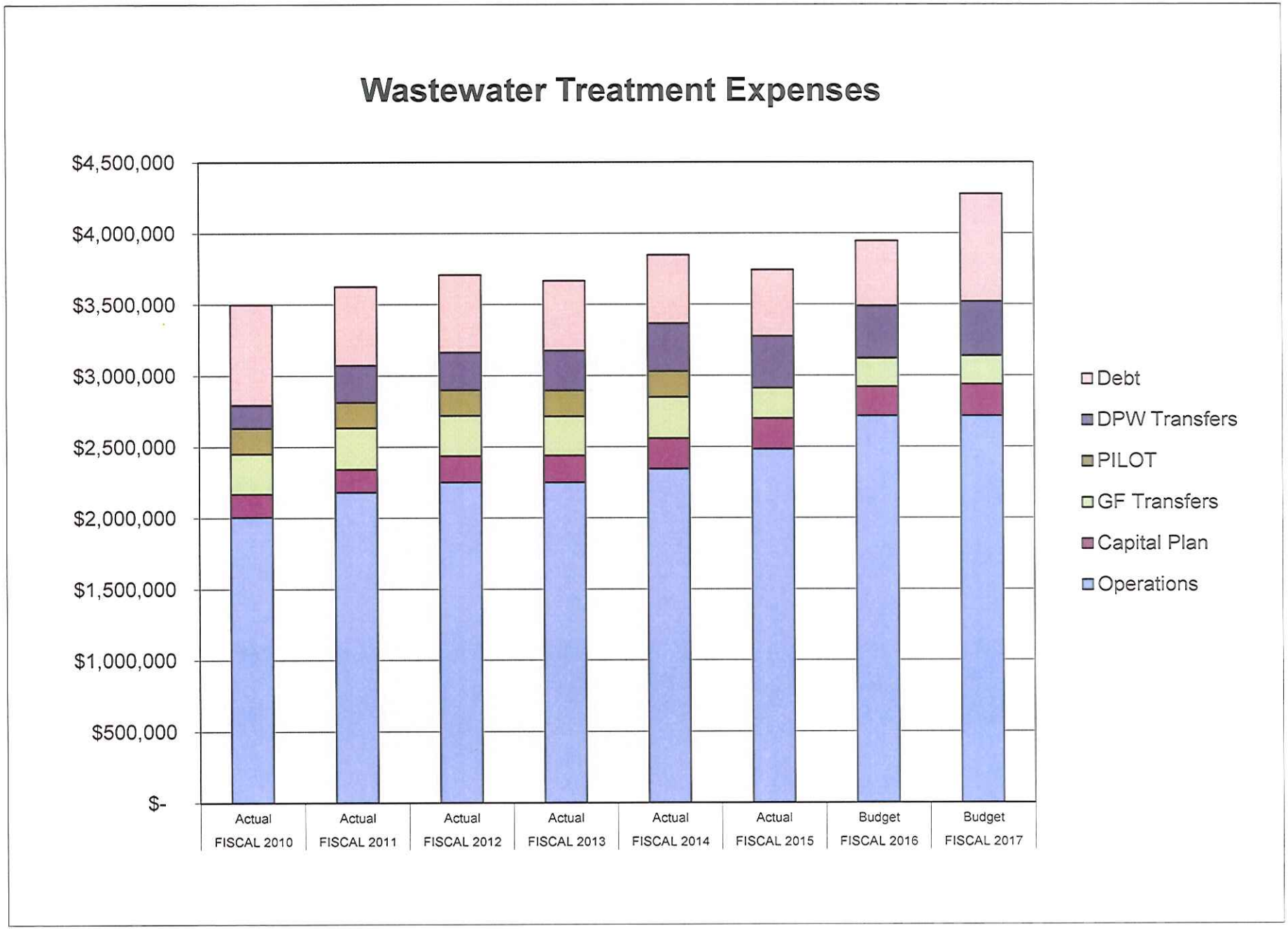
2400 ft^3 per quarter

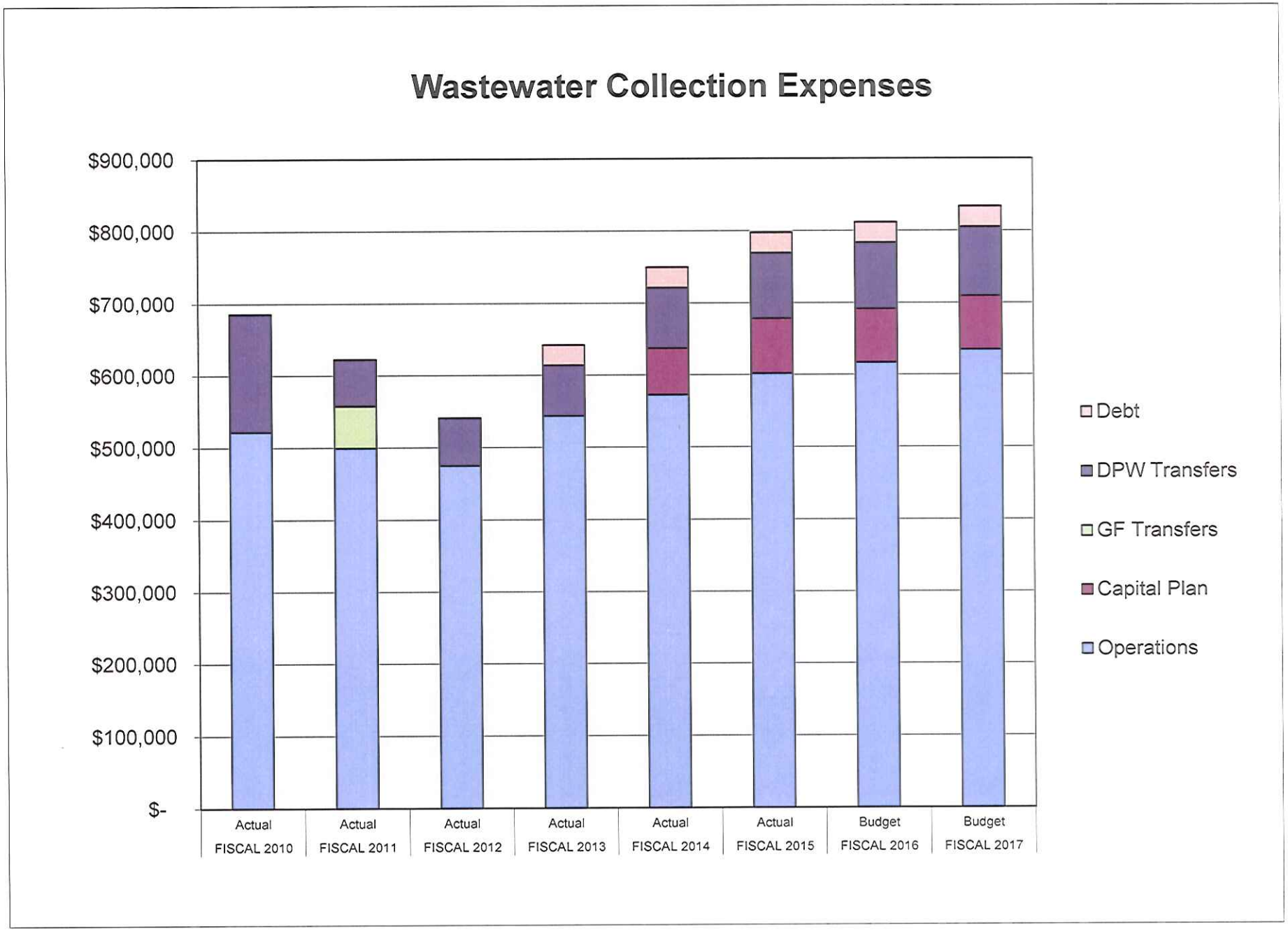
Existing	**FY 2016**	Increase	City Rate	Quarterly Billing		Monthly	
	Water	0.00%	$3.397	$81.52		$27.17	
2400 cft per quarter =	Sewer Treatment	0.00%	$4.079	$97.89		$32.63	
199 gallons per day	Sewer Maintenance	0.00%	$1.195	$28.68		$9.56	
	Water Service Fee			$29.05		$9.68	
	Sewer Service Fee			$17.55		$5.85	
				$254.69		$84.90	
Proposed	**FY 2017**	Increase	City Rate	Quarterly Billing	**Qtrly Increase**	Monthly	Mo. Increase
	Water	0.00%	$3.397	$81.52	**$0.00**	$27.17	$0.00
2400 cft per quarter =	Sewer Treatment	6.96%	$4.363	$104.70	**$6.82**	$34.90	$2.27
199 gallons per day	Sewer Maintenance	4.62%	$1.250	$30.01	**$1.33**	$10.00	$0.44
	Water Service Fee	0.00%		$29.05	**$0.00**	$9.68	$0.00
	Sewer Service Fee	0.00%		$17.55	**$0.00**	$5.85	$0.00
				$262.83	**$8.14**	$87.61	$2.71

The gross percent increase for 1200 ft^3 per quarter: 2.70%

The gross percent increase for 2400 ft^3 per Quarter: 3.20%


Water Expenses
$4,000,000
$3,500,000
$3,000,000
$2,500,000
$2,000,000
$1,500,000
$1,000,000
$500,000
$-
Actual FISCAL 2010
Actual FISCAL 2011
Actual FISCAL 2012
Actual FISCAL 2013
Actual FISCAL 2014
Actual FISCAL 2015
Estimated FISCAL 2016
Budget FISCAL 2017
Debt
DPW Transfers
GF Transfers
Capital Plan
Operations


Wastewater Treatment Expenses
$4,500,000
$4,000,000
$3,500,000
$3,000,000
$2,500,000
$2,000,000
$1,500,000
$1,000,000
$500,000
$-
Actual FISCAL 2010
Actual FISCAL 2011
Actual FISCAL 2012
Actual FISCAL 2013
Actual FISCAL 2014
Actual FISCAL 2015
Budget FISCAL 2016
Budget FISCAL 2017
Debt
DPW Transfers
PILOT
GF Transfers
Capital Plan
Operations


Wastewater Collection Expenses
$900,000
$800,000
$700,000
$600,000
$500,000
$400,000
$300,000
$200,000
$100,000
$-
Actual FISCAL 2010
Actual FISCAL 2011
Actual FISCAL 2012
Actual FISCAL 2013
Actual FISCAL 2014
Actual FISCAL 2015
Budget FISCAL 2016
Budget FISCAL 2017
Debt
DPW Transfers
GF Transfers
Capital Plan
Operations

WATER FUND

SUMMARY OF WATER RATE STUDY - FISCAL 2017

WATER RATES	FISCAL 2010 Actual	FISCAL 2011 Actual	FISCAL 2012 Actual	FISCAL 2013 Actual	FISCAL 2014 Actual	FISCAL 2015 Actual	FISCAL 2016 Estimated	FISCAL 2017 Budget
Rates per 100 cft (748 gallons):								
Rutland City Water Rates	$ 2.629	$ 3.275	$ 3.275	$ 3.314	$ 3.241	$ 3.397	$ 3.397	$ 3.397
Rutland Town Water Rates	$ 3.495	$ 4.356	$ 4.356	$ 4.408	$ 4.311	$ 4.528	$ 4.528	$ 4.528
Rates per sq ft of Sprinklered area:								
Rutland City Stand by Water	$ 0.035	$ 0.0435	$ 0.0435	$ 0.0435	$ 0.0435	$ 0.0435	$ 0.0435	$ 0.0435
Rutland Town Stand by Water	$ 0.119	$ 0.148	$ 0.148	$ 0.148	$ 0.148	$ 0.148	$ 0.148	$ 0.148
Service Fee (Quarterly)	$ 19.500	$ 19.500	$ 19.500	$ 22.500	$ 29.050	$ 29.050	$ 29.050	$ 29.050
RATE CHANGE	**2.75%**	**24.50%**	**0.0%**	**1.20%**	**-2.20%**	**4.80%**	**0.00%**	**0.00%**
REVENUES								
Billed at Rates	$ 2,775,475	$ 3,323,932	$ 3,159,183	$ 3,310,034	$ 3,450,258	$ 3,506,475	$ 3,442,742	$ 3,434,961
Non Rates	$ 118,573	$ 107,389	$ 121,720	$ 119,652	$ 82,002	$ 157,036	$ 94,069	$ 101,900
Year End Adjustment	$ 8,578.50	$ (89,602.57)	$ 106,770.84	$ 10,245.60	$ (28,479.42)	$ -	$ -	$ -
Total Revenues	**$ 2,902,627**	**$ 3,341,718**	**$ 3,387,674**	**$ 3,439,932**	**$ 3,503,780**	**$ 3,663,510**	**$ 3,536,811**	**$ 3,536,861**
EXPENDITURES								
Operational Budget	$ 1,219,147	$ 1,455,695	$ 1,315,113	$ 1,384,580	$ 1,451,697	$ 1,647,333	$ 1,688,573	$ 1,721,991
Capital Planning	$ 108,000	$ 358,000	$ 425,500	$ 505,747	$ 305,747	$ 595,430	$ 327,500	$ 347,500
Transfers to DPW	$ 327,990	$ 325,761	$ 331,072	$ 352,715	$ 422,642	$ 456,544	$ 461,278	$ 479,206
Transfers to General Fund	$ 282,007	$ 289,835	$ 281,659	$ 274,920	$ 289,019	$ 166,526	$ 198,761	$ 199,569
Prior Year Adjustments	$ 6,840	$ 1,315	$ 7,247	$ 13,747	$ -	$ -	$ -	$ -
Debt Principal & Interest	$ 732,363	$ 1,089,331	$ 1,071,225	$ 1,060,093	$ 1,048,338	$ 810,070	$ 787,587	$ 773,520
Total Expenditures	**$ 2,676,347**	**$ 3,519,937**	**$ 3,431,816**	**$ 3,591,801**	**$ 3,517,443**	**$ 3,675,904**	**$ 3,463,699**	**$ 3,521,786**
Net of Revenue vs. Expenditures	**$ 226,279**	**$ (178,218)**	**$ (44,142)**	**$ (151,869)**	**$ (13,663)**	**$ (12,394)**	**$ 73,112**	**$ 15,075**
PERCENT OF TOTAL EXPENDITURES								
Operational Budget	45.6%	41.4%	38.3%	38.5%	41.3%	44.8%	48.8%	48.9%
Capital Planning	4.0%	10.2%	12.4%	14.1%	8.7%	16.2%	9.5%	9.9%
Transfers to DPW	12.3%	9.3%	9.6%	9.8%	12.0%	12.4%	13.3%	13.6%
Transfers to General Fund	10.5%	8.2%	8.2%	7.7%	8.2%	4.5%	5.7%	5.7%
Debt Principal & Interest	27.4%	30.9%	31.2%	29.5%	29.8%	22.0%	22.7%	22.0%

WATER SUMMARY

WATER - RATE REVENUE BY USER CLASS

RATE REVENUE	FISCAL 2010 Actual	FISCAL 2011 Actual	FISCAL 2012 Actual	FISCAL 2013 Actual	FISCAL 2014 Actual	FISCAL 2015 Actual	FISCAL 2016 Estimated	FISCAL 2017 Budget
RUTLAND CITY								
METERED USAGE	$ 1,579,756	$ 1,903,119	$ 1,869,792	$ 1,797,599	$ 1,815,542	$ 1,849,122	$ 1,832,090	$ 1,816,734
SERVICE FEE	$ 439,842	$ 440,466	$ 457,407	$ 545,121	$ 656,181	$ 654,206	$ 654,206	$ 651,998
Total Metered	**$ 2,019,598**	**$ 2,336,365**	**$ 2,327,199**	**$ 2,342,720**	**$ 2,471,723**	**$ 2,502,534**	**$ 2,486,296**	**$ 2,468,732**
City Flat Rate	**$ 55,103**	**$ 52,208**	**$ 44,414**	**$ 39,551**	**$ 37,523**	**$ 38,571**	**$ 33,836**	**$ 38,000**
Stand by Water	**$ 119,551**	**$ 153,367**	**$ 112,909**	**$ 148,925**	**$ 152,777**	**$ 155,053**	**$ 150,320**	**$ 154,596**
Total Rutland City	**$ 2,194,251**	**$ 2,541,940**	**$ 2,484,521**	**$ 2,531,196**	**$ 2,662,024**	**$ 2,696,158**	**$ 2,670,452**	**$ 2,661,328**
RUTLAND TOWN								
METERED USAGE	$ 333,628	$ 470,428	$ 437,146	$ 468,065	$ 467,492	$ 492,936	$ 458,738	$ 455,824
SERVICE FEE	$ 16,848	$ 17,082	$ 17,082	$ 21,241	$ 25,564	$ 25,913	$ 25,913	$ 26,145
Total Metered	**$ 350,476**	**$ 489,388**	**$ 454,228**	**$ 489,306**	**$ 499,419**	**$ 518,650**	**$ 484,650**	**$ 481,969**
Stand by Water	**$ 230,748**	**$ 292,605**	**$ 220,434**	**$ 289,532**	**$ 288,815**	**$ 291,666**	**$ 287,640**	**$ 291,664**
Total Rutland Town	**$ 581,224**	**$ 781,992**	**$ 674,662**	**$ 778,838**	**$ 788,234**	**$ 810,316**	**$ 772,290**	**$ 773,633**
TOTAL REVENUE BY RATES	**$ 2,775,475**	**$ 3,323,932**	**$ 3,159,183**	**$ 3,310,034**	**$ 3,450,258**	**$ 3,506,475**	**$ 3,442,742**	**$ 3,434,961**

PERCENT OF RATE REVENUE								
RUTLAND CITY	79.1%	76.5%	78.6%	76.5%	77.2%	76.9%	77.6%	77.5%
RUTLAND TOWN	20.9%	23.5%	21.4%	23.5%	22.8%	23.1%	22.4%	22.5%

WATER - NON RATE REVENUE

NON RATE REVENUE	FISCAL 2010 Actual	FISCAL 2011 Actual	FISCAL 2012 Actual	FISCAL 2013 Actual	FISCAL 2014 Actual	FISCAL 2015 Actual	FISCAL 2016 Estimated	FISCAL 2017 Budget
600-6-30-00								
319.002 Interest On DLQ	$ 12,831	$ 19,547	$ 16,855	$ 16,902	$ 15,022	$ 17,989	$ 19,866	$ 18,000
319.003 5% Past Due	$ 26,487	$ 30,156	$ 21,523	$ 22,765	$ 22,202	$ 20,984	$ 18,303	$ 20,000
321.001 Water Permits	$ 2,124	$ 1,500	$ 1,430	$ 1,480	$ 1,720	$ 2,110	$ 1,500	$ 1,500
334.000 State Grants	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
340.000 Charges for Services	$ 1,364	$ 2,053	$ 1,960	$ -	$ 534	$ 2,540	$ -	$ 1,000
344.006 Water Repairs	$ 30,300	$ 21,004	$ 16,656	$ 11,709	$ 17,791	$ 31,951	$ 15,000	$ 15,000
344.007 Water Testing	$ 15,140	$ 16,055	$ 20,780	$ 13,465	$ 15,245	$ 10,783	$ 15,000	$ 10,000
344.008 Monitoring Well*	$ 1,250	$ 500	$ 500	$ 500	$ 800	$ 1,000	$ -	$ -
344.009 Hydrant Maint. Services	$ 5,100	$ 5,196	$ 5,195	$ 5,200	$ 7,489	$ 5,150	$ 5,200	$ 5,200
362.009 Misc Rents	$ 1,200	$ 1,200	$ 1,200	$ 1,200	$ 1,200	$ 1,200	$ 1,200	$ 1,200
390.002 Previous Year Reimburse	$ 3,391	$ 1,477	$ 3,796	$ -	$ -	$ -	$ -	$ -
390.001 Other Revenue - Misc	$ -	$ -	$ 3,043	$ 3,697	$ -	$ 3,163	$ -	$ -
392.000 Sale Capital Asset	$ 1,000	$ 348	$ -	$ 14,043	$ -	$ -	$ -	$ -
392.001 Timber Sales	$ 18,386	$ 8,353	$ 28,782	$ 28,692	$ -	$ 60,166	$ 18,000	$ 30,000
392.002 Compensation For Loss	$ -	$ -						
TOTAL NON-RATE REVENUES	**$ 118,573**	**$ 107,389**	**$ 121,720**	**$ 119,652**	**$ 82,002**	**$ 157,036**	**$ 94,069**	**$ 101,900**

* Monitor well revenue more appropriate to be included in General Fund

WATER - USAGE AND CUSTOMER BASE

	FISCAL 2010 Actual	FISCAL 2011 Actual	FISCAL 2012 Actual	FISCAL 2013 Actual	FISCAL 2014 Actual	FISCAL 2015 Actual	FISCAL 2016 Estimated	FISCAL 2017 Budget
METERED USAGE (100 cuft)								
RUTLAND CITY	600,372	578,981	569,384	545,826	554,052	544,408	539,394	534,873
RUTLAND TOWN	95,422	108,480	99,865	106,796	108,442	108,873	101,320	100,676
TOTAL ANNUAL USAGE Usage is in 100's of Cubic Feet	**695,794**	**687,461**	**669,250**	**652,622**	**662,493**	**653,281**	**640,714**	**635,549**
ANNUAL USAGE CHANGE	**-5.4%**	**-1.2%**	**-2.6%**	**-2.5%**	**1.5%**	**-1.4%**	**-1.9%**	**-0.8%**
Change in Use Since FY 2008	**-8.4%**	**-9.5%**	**-11.9%**	**-14.1%**	**-12.8%**	**-14.0%**	**-15.6%**	**-16.3%**
CUSTOMER BASE								
RUTLAND CITY	5,639	5,647	5,647	5,646	5,647	5,630	5,630	5,611
FLAT RATE (NO METER)	62	58	58	52	52	45	45	39
RUTLAND TOWN	216	219	219	220	220	223	223	225
TOTAL BILLED ACCOUNTS	**5,917**	**5,924**	**5,924**	**5,918**	**5,919**	**5,898**	**5,898**	**5,875**

WATER TREATMENT - OPERATIONAL BUDGET

WATER TREATMENT	FISCAL 2010	FISCAL 2011	FISCAL 2012	FISCAL 2013	FISCAL 2014	FISCAL 2015	FISCAL 2016	FISCAL 2017
600-7-32-00	Actual	Actual	Actual	Actual	Actual	Actual	Budget	Budget
600-7-32-00-110.000 Salaries	$ 124,960	$ 108,367	$ 135,803	$ 119,523	$ 116,686	$ 125,178	$ 125,381	$ 126,369
600-7-32-00-114.000 Comp Cashed	$ -	$ -	$ 13,177	$ -	$ 331	$ 1,298	$ -	$ -
600-7-32-00-120.000 Seasonal Employee	$ 7,739	$ 8,181	$ 11,815	$ 7,171	$ 9,671	$ 5,555	$ 11,000	$ 11,000
600-7-32-00-120.001 Temp Emp - Storm Recov	$ -	$ -	$ 5,654	$ -	$ -	$ -	$ -	$ -
600-7-32-00-130.000 Overtime	$ 22,996	$ 23,340	$ 35,537	$ 24,536	$ 25,383	$ 25,339	$ 25,000	$ 25,000
600-7-32-00-210.000 Health Insurance	$ 37,501	$ 29,985	$ 26,899	$ 21,828	$ 26,767	$ 24,264	$ 27,041	$ 26,832
600-7-32-00-210.001 Dental Insurance	$ 1,469	$ 1,535	$ 1,260	$ 276	$ 574	$ 853	$ 568	$ 568
600-7-32-00-210.002 Vision Insurance	$ 429	$ 336	$ 313	$ 105	$ 89	$ 128	$ 178	$ 172
600-7-32-00-210.003 Life Insurance	$ 139	$ 109	$ 64	$ 101	$ 151	$ 155	$ 151	$ 155
600-7-32-00-210.004 Disability Insurance	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
600-7-32-00-210.005 HRA	$ -	$ 3,920	$ 1,719	$ 1,693	$ (1,205)	$ 2,221	$ 3,750	$ 3,750
600-7-32-00-210.006 Choice Care Admin Fees	$ -	$ 127	$ 220	$ 182	$ 216	$ 215	$ 228	$ 228
600-7-32-00-220.000 FICA/MEDI	$ 10,276	$ 10,364	$ 15,610	$ 11,776	$ 12,402	$ 12,234	$ 12,346	$ 12,421
600-7-32-00-230.000 VMERS Contributions	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
600-7-32-00-230.001 City Employer Pension	$ -	$ -	$ -	$ -	$ -	$ 10,250	$ 11,177	$ 11,265
600-7-32-00-250.000 Unemployment Comp	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
600-7-32-00-260.000 Workers' Comp	$ 8,743	$ 6,232	$ 4,342	$ 5,991	$ 8,043	$ 8,233	$ 11,600	$ 8,232
600-7-32-00-320.000 Professional Services	$ 999	$ 1,849	$ 1,600	$ 1,830	$ 5,910	$ 7,270	$ 12,000	$ 6,500
600-7-32-00-340.000 Technical Services	$ 11,150	$ 9,605	$ 14,866	$ 18,364	$ 9,433	$ 15,525	$ 15,000	$ 12,000
600-7-32-00-421.000 Trash Removal	$ -	$ -	$ 50	$ 42	$ 372	$ -	$ 100	$ 100
600-7-32-00-430.003 Repair & Maint - Bldgs	$ 4,865	$ 4,295	$ 7,035	$ 5,671	$ 6,105	$ 4,411	$ 8,000	$ 8,000
600-7-32-00-430.004 Repair & Maint - Plant	$ 3,689	$ 5,877	$ 6,947	$ 7,599	$ 12,691	$ 2,785	$ 8,500	$ 8,500
600-7-32-00-430.006 Repair & Maint - Equip	$ 14,408	$ 17,184	$ 19,989	$ 15,980	$ 14,800	$ 16,370	$ 21,000	$ 21,000
600-7-32-00-430.011 Grounds Maintenance	$ 2,112	$ 3,897	$ 4,494	$ 3,665	$ 4,904	$ 3,605	$ 7,000	$ 7,000
600-7-32-00-430.014 Grounds Maint - Watershed	$ 2,546	$ 4,387	$ 6,733	$ 8,020	$ 41,445	$ 14,746	$ 20,000	$ 16,000
600-7-32-00-442.002 Equipment Lease	$ 470	$ 470	$ 1,500	$ 400	$ -	$ -	$ 1,500	$ 1,500
600-7-32-00-520.000 Liability Insurance	$ -	$ -	$ -	$ -	$ -	$ 139,354	$ 160,454	$ 160,454
600-7-32-00-530.000 Telephone	$ 1,604	$ 1,690	$ 1,376	$ 1,319	$ 1,566	$ 1,483	$ 1,000	$ 1,000
600-7-32-00-530.001 Cell Phones/Pagers	$ 569	$ 370	$ 553	$ 543	$ 656	$ 443	$ 200	$ 200
600-7-32-00-530.002 Internet Service	$ -	$ -	$ -	$ -	$ -	$ -	$ 2,880	$ 2,880
600-7-32-00-532.000 Training/Prof Development	$ 528	$ 305	$ 745	$ 180	$ 983	$ 602	$ 1,000	$ 1,000
600-7-32-00-540.000 Advertising	$ -	$ -	$ -	$ -	$ 253	$ -	$ 300	$ 300
600-7-32-00-550.000 Printing	$ 2,904	$ 3,334	$ 2,700	$ 3,458	$ -	$ -	$ 3,000	$ 3,000
600-7-32-00-610.000 Office Supplies	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
600-7-32-00-610.003 Work Uniforms	$ 182	$ 192	$ 310	$ 175	$ 201	$ 417	$ 420	$ 420
600-7-32-00-610.009 Safety Supplies	$ 238	$ 378	$ 301	$ 679	$ 607	$ 648	$ 700	$ 700
600-7-32-00-610.017 Lab Supplies	$ 7,973	$ 6,029	$ 7,928	$ 7,557	$ 9,158	$ 10,452	$ 10,000	$ 10,000
600-7-32-00-610.019 Chemicals	$ 56,567	$ 62,687	$ 71,165	$ 62,373	$ 52,660	$ 56,318	$ 70,000	$ 70,000
600-7-32-00-610.044 Tools	$ 501	$ 604	$ 873	$ 792	$ 596	$ 605	$ 800	$ 800
600-7-32-00-610.045 Building Supplies	$ 555	$ 1,910	$ 811	$ 1,279	$ 2,550	$ 1,199	$ 2,000	$ 2,000
600-7-32-00-622.000 Electricity - Buildings	$ 10,285	$ 10,171	$ 11,114	$ 13,126	$ 13,608	$ 11,925	$ 13,000	$ 13,000
600-7-32-00-623.000 Propane	$ 18,447	$ 17,967	$ 20,194	$ 22,829	$ 32,678	$ 24,175	$ 16,940	$ 17,479
600-7-32-00-624.000 Fuel Oil	$ 1,665	$ 2,805	$ 4,100	$ 2,187	$ 2,600	$ 3,557	$ 3,250	$ 2,100
600-7-32-00-740.000 Machinery & Equipment	$ 2,138	$ 194,534	$ -	$ -	$ 25,097	$ -	$ 40,000	$ -
600-7-32-00-740.001 Computers & Hardware	$ -	$ -	$ 220	$ 110	$ -	$ -	$ 500	$ 500
600-7-32-00-742.000 Vehicles	$ -	$ -	$ -	$ -	$ 29,830	$ 51,520	$ -	$ 55,000
600-7-32-00-800.001 State Fees	$ 29,793	$ 22,038	$ 30,176	$ 36,342	$ 38,626	$ 39,404	$ 40,000	$ 56,700
600-7-32-00-800.002 Real Estate Tax	$ 55,726	$ 56,072	$ 54,705	$ 54,924	$ 54,480	$ 57,735	$ 56,500	$ 56,500
600-7-32-00-810.000 Depreciation Expense	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
TOTAL WATER TREATMENT	**$ 444,165**	**$ 621,146**	**$ 522,899**	**$ 462,626**	**$ 560,915**	**$ 680,476**	**$ 744,464**	**$ 760,624**

WATER TREATMENT OPERATING

WATER DISTRIBUTION - OPERATIONAL BUDGET

WATER DISTRIBUTION	FISCAL 2010	FISCAL 2011	FISCAL 2012	FISCAL 2013	FISCAL 2014	FISCAL 2015	FISCAL 2016	FISCAL 2017
600-7-34-00	Actual	Actual	Actual	Actual	Actual	Actual	Budget	Budget
600-7-34-00-110.000 Salaries	$ 223,262	$ 264,822	$ 242,317	$ 286,408	$ 218,374	$ 249,861	$ 252,493	$ 259,647
600-7-34-00-114.000 Comp Cashed	$ 14,510	$ 8,241	$ 6,796	$ -	$ 15,809	$ 17,285	$ -	$ -
600-7-34-00-120.000 Seasonal Employee	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
600-7-34-00-130.000 Overtime	$ 5,392	$ 6,115	$ 3,694	$ 4,854	$ 26,336	$ 33,941	$ 10,000	$ 10,000
600-7-34-00-210.000 Health Insurance	$ 91,986	$ 88,117	$ 91,912	$ 98,300	$ 96,507	$ 91,652	$ 81,169	$ 83,193
600-7-34-00-210.001 Dental Insurance	$ 3,206	$ 3,347	$ 3,497	$ 4,165	$ 4,267	$ 4,204	$ 3,550	$ 3,550
600-7-34-00-210.002 Vision Insurance	$ 1,121	$ 932	$ 1,193	$ 1,212	$ 1,221	$ 1,214	$ 1,048	$ 1,214
600-7-34-00-210.003 Life Insurance	$ 375	$ 294	$ 294	$ 465	$ 484	$ 489	$ 408	$ 418
600-7-34-00-210.004 Disability Insurance	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
600-7-34-00-210.005 HRA	$ -	$ 6,626	$ 11,985	$ 11,696	$ 16,562	$ 11,124	$ 18,750	$ 18,750
600-7-34-00-210.006 Choice Care Admin Fees	$ -	$ 271	$ 541	$ 622	$ 688	$ 646	$ 570	$ 570
600-7-34-00-220.000 FICA/MEDI	$ 18,896	$ 21,177	$ 20,512	$ 21,340	$ 18,856	$ 21,166	$ 20,081	$ 20,628
600-7-34-00-230.000 VMERS Contributions	$ -	$ -	$ -	$ -	$ 1,561	$ 3,218	$ 2,549	$ 2,569
600-7-34-00-230.001 City Employer Pension	$ -	$ -	$ -	$ -	$ -	$ 17,400	$ 19,439	$ 20,089
600-7-34-00-250.000 Unemployment Comp	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
600-7-34-00-260.000 Workers' Comp	$ 17,444	$ 13,174	$ 10,896	$ 12,424	$ 13,700	$ 13,817	$ 19,439	$ 14,087
600-7-34-00-320.000 Professional Services	$ 682	$ 111	$ 1,352	$ -	$ 2,541	$ 6,454	$ -	$ -
600-7-34-00-421.000 Trash Removal	$ 212	$ -	$ -	$ -	$ -	$ -	$ -	$ -
600-7-34-00-421.002 Disposal Fees	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
600-7-34-00-430.002 Repair & Maint - Vehicles	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
600-7-34-00-430.003 Repair & Maint-Bldgs	$ -	$ 1,851	$ 2,172	$ 764	$ 5,618	$ 2,470	$ 2,100	$ 9,100
600-7-34-00-430.006 Repair & Maint - Equip	$ 3,231	$ 10,086	$ 1,338	$ 714	$ 1,737	$ 1,969	$ 4,000	$ 4,000
600-7-34-00-430.011 Grounds Maintenance	$ 1,472	$ 1,411	$ 878	$ 674	$ 751	$ 663	$ 1,000	$ 1,000
600-7-34-00-442.000 Equipment Rental	$ -	$ 5,000	$ -	$ -	$ 4,290	$ -	$ 2,500	$ 2,500
600-7-34-00-442.002 Equipment Lease	$ 10,478	$ -	$ -	$ 31,512	$ -	$ -	$ -	$ -
600-7-34-00-520.000 Liability Insurance	$ 1,481	$ -	$ 200	$ 500	$ -	$ -	$ 500	$ 500
600-7-34-00-530.000 Telephone	$ 1,234	$ 1,376	$ 1,286	$ 797	$ 853	$ 792	$ 1,000	$ 1,000
600-7-34-00-530.001 Cell Phones/Pagers	$ 757	$ 749	$ 532	$ 597	$ 728	$ 727	$ 600	$ 600
600-7-34-00-530.002 Internet Service	$ 759	$ 723	$ 826	$ 812	$ 810	$ 916	$ 900	$ 900
600-7-34-00-532.000 Training/Prof Development	$ 1,476	$ 773	$ 731	$ 758	$ 900	$ -	$ 1,500	$ 1,500
600-7-34-00-540.000 Advertising	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
600-7-34-00-580.000 Travel	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
600-7-34-00-610.003 Work Uniforms	$ 964	$ 1,222	$ 887	$ 1,877	$ 1,286	$ 1,086	$ 1,300	$ 1,300
600-7-34-00-610.009 Safety Supplies	$ 1,496	$ 3,745	$ 1,548	$ 9,055	$ 2,308	$ 4,139	$ 2,500	$ 2,500
600-7-34-00-610.026 Top Soil & Seed	$ 730	$ -	$ 735	$ 271	$ -	$ 1,278	$ 1,000	$ 1,000
600-7-34-00-610.027 Gravel Stone & Sand	$ 8,601	$ 11,445	$ 2,187	$ 7,367	$ 14,448	$ 10,565	$ 15,000	$ 15,000
600-7-34-00-610.032 Pipe & Fittings	$ 37,727	$ 46,409	$ 41,534	$ 52,746	$ 59,224	$ 59,197	$ 60,000	$ 60,000
600-7-34-00-610.034 Hydrants	$ 1,757	$ 10,477	$ 17,616	$ 25,001	$ 10,252	$ 22,411	$ 24,000	$ 24,000
600-7-34-00-610.041 Concrete & Precast	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
600-7-34-00-610.044 Tools	$ 3,676	$ 2,234	$ 3,083	$ 3,113	$ 3,382	$ 5,303	$ 3,000	$ 3,000
600-7-34-00-622.000 Electricity - Buildings	$ 4,801	$ 4,651	$ 4,296	$ 5,344	$ 3,356	$ 3,113	$ 5,000	$ 5,000
600-7-34-00-624.000 Fuel Oil	$ 7,073	$ 5,434	$ 6,844	$ 3,415	$ 6,610	$ 6,498	$ 6,500	$ 4,200
600-7-34-00-740.000 Machinery & Equipment	$ 841	$ 1,175	$ -	$ 3,000	$ -	$ -	$ -	$ -
600-7-34-00-742.000 Vehicles	$ -	$ -	$ -	$ -	$ 31,159	$ -	$ -	$ -
600-7-34-00-810.000 Depreciation Expense	$ -	$ -	$ -	$ 381,969	$ -	$ -	$ -	$ -
TOTAL WATER DISTRIBUTION	**$ 465,640**	**$ 521,985**	**$ 481,680**	**$ 589,803**	**$ 564,619**	**$ 593,598**	**$ 561,896**	**$ 571,816**

WATER DISTRIBUTION OPERATING

WATER METER - OPERATIONAL BUDGET

WATER METER	FISCAL 2010	FISCAL 2011	FISCAL 2012	FISCAL 2013	FISCAL 2014	FISCAL 2015	FISCAL 2016	FISCAL 2017
600-7-36-00	Actual	Actual	Actual	Actual	Actual	Actual	Budget	Budget
600-7-36-00-110.000 Salaries	$ 127,635	$ 130,983	$ 126,219	$ 144,915	$ 140,480	$ 150,244	$ 157,553	$ 150,930
600-7-36-00-114.000 Comp Cashed	$ -	$ 329	$ -	$ 187	$ 392	$ -	$ -	$ -
600-7-36-00-130.000 Overtime	$ 35	$ 170	$ 228	$ 140	$ 232	$ 562	$ 400	$ 400
600-7-36-00-210.000 Health Insurance	$ 75,235	$ 64,784	$ 61,646	$ 67,568	$ 68,267	$ 64,911	$ 57,612	$ 51,711
600-7-36-00-210.001 Dental Insurance	$ 2,625	$ 2,729	$ 2,841	$ 3,204	$ 2,682	$ 2,344	$ 2,045	$ 1,761
600-7-36-00-210.002 Vision Insurance	$ 743	$ 583	$ 599	$ 648	$ 661	$ 658	$ 664	$ 770
600-7-36-00-210.003 Life Insurance	$ 218	$ 171	$ 171	$ 237	$ 237	$ 242	$ 237	$ 243
600-7-36-00-210.004 Disability Insurance	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
600-7-36-00-210.005 HRA	$ -	$ 5,005	$ 10,117	$ 8,777	$ 8,162	$ 12,165	$ 11,250	$ 11,250
600-7-36-00-210.006 Choice Care Admin Fees	$ -	$ 190	$ 327	$ 324	$ 324	$ 323	$ 342	$ 342
600-7-36-00-220.000 FICA/MEDI	$ 9,204	$ 9,438	$ 9,635	$ 9,849	$ 9,806	$ 9,926	$ 12,083	$ 11,577
600-7-36-00-230.000 VMERS Contributions	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
600-7-36-00-230.001 City Employer Pension	$ -	$ -	$ -	$ -	$ -	$ 13,455	$ 14,877	$ 14,241
600-7-36-00-250.000 Unemployment Comp	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
600-7-36-00-260.000 Workers' Comp	$ 5,727	$ 5,135	$ 5,200	$ 4,262	$ 5,644	$ 8,300	$ 11,760	$ 7,937
600-7-36-00-320.000 Professional Services	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
600-7-36-00-430.006 Repair & Maint - Equip	$ -	$ -	$ -	$ -	$ 3,032	$ -	$ -	$ -
600-7-36-00-430.010 Repair & Maint - Computer	$ 30	$ -	$ 113	$ -	$ 266	$ -	$ 200	$ 200
600-7-36-00-530.000 Telephone	$ 390	$ 576	$ 810	$ 1,102	$ 2,369	$ 1,398	$ -	$ -
600-7-36-00-530.001 Cell Phones/Pagers	$ 700	$ 664	$ 522	$ 599	$ 608	$ 626	$ 600	$ 600
600-7-36-00-531.000 Postage	$ 10,781	$ 11,030	$ 11,062	$ 8,363	$ 13,964	$ 11,534	$ 14,000	$ 14,000
600-7-36-00-532.000 Training/Prof Development	$ -	$ 370	$ -	$ -	$ 650	$ -	$ 500	$ 500
600-7-36-00-540.000 Advertising	$ -	$ -	$ -	$ -	$ -	$ 129	$ -	$ -
600-7-36-00-550.000 Utility Bills Materials	$ 3,297	$ 2,157	$ 2,572	$ 2,729	$ 3,804	$ 5,067	$ 6,420	$ 6,420
600-7-36-00-560.000 Dues & Subscriptions	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
600-7-36-00-580.000 Travel	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
600-7-36-00-610.003 Work Uniforms	$ 263	$ 776	$ 479	$ 405	$ 391	$ 413	$ 420	$ 420
600-7-36-00-610.009 Safety Supplies	$ 1,292	$ 87	$ 218	$ 293	$ 442	$ 6	$ 500	$ 500
600-7-36-00-610.011 Water Meter Parts	$ 60,476	$ 70,091	$ 77,505	$ 78,327	$ 63,514	$ 90,546	$ 90,000	$ 115,000
600-7-36-00-610.044 Tools	$ -	$ -	$ 81	$ 55	$ -	$ 412	$ 250	$ 250
600-7-36-00-740.000 Machinery & Equipment	$ 8,745	$ 6,414	$ 189	$ 168	$ 236	$ -	$ 500	$ 500
600-7-36-00-740.001 Computers & Hardware	$ 1,948	$ 882	$ -	$ -	$ -	$ -	$ -	$ -
600-7-36-00-742.000 Vehicles	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
TOTAL WATER METER	**$ 309,343**	**$ 312,563**	**$ 310,534**	**$ 332,150**	**$ 326,163**	**$ 373,259**	**$ 382,213**	**$ 389,551**

TOTAL WATER DEPARTMENT OPERATIONAL BUDGET

	FISCAL 2010 Actual	FISCAL 2011 Actual	FISCAL 2012 Actual	FISCAL 2013 Actual	FISCAL 2014 Actual	FISCAL 2015 Actual	FISCAL 2016 Budget	FISCAL 2017 Budget
TOTAL WATER DEPT. BUDGET	**$ 1,219,147**	**$ 1,455,695**	**$ 1,315,113**	**$ 1,384,580**	**$ 1,451,697**	**$ 1,647,333**	**$ 1,688,573**	**$ 1,721,991**

WATER METER OPERATING AND TOTALS

WATER - TRANSFERS TO GENERAL FUND

TRANSFERS TO GENERAL FUND	FISCAL 2010 Actual	FISCAL 2011 Actual	FISCAL 2012 Actual	FISCAL 2013 Actual	FISCAL 2014 Actual	FISCAL 2015 Actual	FISCAL 2016 Budget	FISCAL 2017 Budget
600-7-99-00								
892.001 Transfer Out -Treasurer	$ 179,426	$ 188,017	$ 182,654	$ 179,494	$ 191,156	$ 193,077	$ 177,990	$ 177,939
892.003 Transfer Out - Attorney	$ 22,468	$ 21,778	$ 20,965	$ 17,030	$ 17,422	$ 19,389	$ 20,771	$ 21,630
892.005 Transfer Out - General Bldg	$ 80,113	$ 80,040	$ 78,040	$ 78,396	$ 80,441	$ -	$ -	$ -
adjustment at board action						$ (45,940)		
TOTAL TO GENERAL FUND	**$ 282,007**	**$ 289,835**	**$ 281,659**	**$ 274,920**	**$ 289,019**	**$ 166,526**	**$ 198,761**	**$ 199,569**

WATER FUND TRANSFERS ARE:
30%
12.5%

WATER - TRANSFERS TO DPW

TRANSFERS TO DPW	FISCAL 2010 Actual	FISCAL 2011 Actual	FISCAL 2012 Actual	FISCAL 2013 Actual	FISCAL 2014 Actual	FISCAL 2015 Actual	FISCAL 2016 Budget	FISCAL 2017 Budget
600-7-99-00								
892.002 Transfer Out -AdmDPW	$ 214,932	$ 212,061	$ 211,259	$ 220,064	$ 279,735	$ 307,427	$ 314,864	$ 341,641
892.004 Transfer Out - Equipment Maint.	$ 113,058	$ 113,700	$ 119,813	$ 132,651	$ 142,907	$ 149,117	$ 146,414	$ 137,565
TOTAL TO DPW	**$ 327,990**	**$ 325,761**	**$ 331,072**	**$ 352,715**	**$ 422,642**	**$ 456,544**	**$ 461,278**	**$ 479,206**

WATER FUND TRANSFERS ARE:
33%
25%

WATER - DEBT

BALANCE ON WATER FUND DEBT	FISCAL 2010 Actual	FISCAL 2011 Actual	FISCAL 2012 Actual	FISCAL 2013 Actual	FISCAL 2014 Actual	FISCAL 2015 Actual	FISCAL 2016 Budget	FISCAL 2017 Budget
REFUNDING WATER BOND Refinanced 2003 - Payoff FY 14	$ 991,851	$ 792,561	$ 593,271	$ 395,514	$ 197,757	$ -	$ -	$ -
WATER BOND Issued 2002/Payoff Fiscal 2024	$ 1,330,000	$ 1,235,000	$ 1,140,000	$ 1,045,000	$ 950,000	$ 855,000	$ 760,000	$ 570,000
SRF LOAN - ROOF REPAIR Was $5.7 M reduced by $3.8M settlement		$ 1,900,000	$ 1,841,454	$ 1,781,151	$ 1,719,039	$ 1,655,064	$ 1,589,169	$ 1,521,298
CURRENT EXPENSE NOTE								
Water 50% share	$ 1,750,000							
Water 75% share		$ 4,500,000	$ 4,050,000	$ 3,600,000	$ 3,150,000	$ 2,700,000	$ 2,250,000	$ 1,800,000
Deficit Note & Roof Litigation Costs								
Volvo Excavator Lease -Payoff FY 2017				$ 160,150	$ 144,490	$ 117,252	$ 89,208	$ 60,334
TOTAL WATER FUND DEBT	**$ 4,071,851**	**$ 8,427,561**	**$ 7,624,725**	**$ 6,981,815**	**$ 6,161,286**	**$ 5,327,316**		**$ 3,951,632**
PRINCIPAL PAYMENTS								
REFUNDING WATER BOND	$ 199,290	$ 199,290	$ 197,757	$ 197,757	$ 197,757	$ -	$ -	$ -
WATER BOND	$ 95,000	$ 95,000	$ 95,000	$ 95,000	$ 95,000	$ 95,000	$ 95,000	$ 95,000
SRF LOAN - ROOF REPAIR	$ -	$ 58,546	$ 60,303	$ 62,112	$ 63,975	$ 65,895	$ 67,871	$ 69,907
Current Expense Note 50%	$ 250,000							
Current Expense Note 75%		$ 450,000	$ 450,000	$ 450,000	$ 450,000	$ 450,000	$ 450,000	$ 450,000
Volvo Excavator Lease				$ 15,660	$ 27,238	$ 28,044	$ 28,874	$ 29,728
TOTAL PRINCIPAL PAYMENTS	**$ 544,290**	**$ 802,836**	**$ 803,060**	**$ 820,529**	**$ 833,970**	**$ 638,939**	**$ 641,745**	**$ 644,635**
INTEREST PAYMENTS								
REFUNDING WATER BOND	$ 30,159	$ 24,210	$ 17,729	$ 10,847	$ 3,659	$ -	$ -	$ -
WATER BOND	$ 56,064	$ 52,606	$ 48,992	$ 45,277	$ 41,463	$ 37,535	$ 33,483	$ 29,322
SRF Loan - Roof repair 1%		$ 19,000	$ 18,415	$ 17,821	$ 17,191	$ 16,551	$ 15,892	$ 15,213
SRF Loan Admin Fee2%		$ 38,000	$ 36,830	$ 35,624	$ 34,381	$ 33,102	$ 31,783	$ 30,426
Current Expense Note 50%	$ 101,850							
Current Expense Note 75%		$ 152,679	$ 146,199	$ 129,600	$ 113,400	$ 80,475	$ 62,045	$ 49,500
								$ 1,785
Volvo Excavator Lease				$ 395	$ 4,274	$ 3,468	$ 2,639	$ 2,639
TOTAL INTEREST PAYMENTS	**$ 188,073**	**$ 286,495**	**$ 268,165**	**$ 239,564**	**$ 214,368**	**$ 171,131**	**$ 145,842**	**$ 128,885**
TOTAL PAYMENTS FOR PRINCIPAL AND INTEREST	**$ 732,363**	**$ 1,089,331**	**$ 1,071,225**	**$ 1,060,093**	**$ 1,048,338**	**$ 810,070**	**$ 787,587**	**$ 773,520**

WATER DEBT

WATER FUND - CAPITAL PLANNING

Water System Capital Fund 227- 1-00-00-101.000	FISCAL 2010 Actual	FISCAL 2011 Actual	FISCAL 2012 Actual	FISCAL 2013 Actual	FISCAL 2014 Actual	FISCAL 2015 Actual	FISCAL 2016 Budget	FISCAL 2017 Budget
Within the Water System Capital Fund, the monies are earmarked as follows:								
Woodstock Ave Water Main								
Beginning Balance	$ 108,000	$ 216,000	$ 324,044	$ 432,044	$ -			
Appropriation	$ 108,000	$ 108,000	$ 108,000	$ 108,000	$ -			
Interest Income		$ 44.03			$ -			
Expenditure	$ -	$ -	$ -	$ (540,044)	$ -			
Ending Balance	**$ 216,000**	**$ 324,044**	**$ 432,044**	$ -	$ -			
Water Treatment								
Beginning Balance		$ -	$ 250,000	$ 501,105	$ 751,105	$ 801,105	$ 892,022	$ 887,022
Appropriation*		$ 250,000	$ 250,000	$ 250,000	$ 50,000	$ 317,930	$ 50,000	$ 50,000
Interest Income			$ 1,104.80					
Expenditure			$ -	$ -		$ (227,013)	$ (55,000)	$ (135,000)
Ending Balance	**$ -**	**$ 250,000**	**$ 501,105**	**$ 751,105**	**$ 801,105**	**$ 892,022**	**$ 887,022**	**$ 802,022**
Distribution System								
Beginning Balance	$ -	$ -	$ -	$ 60,071	$ (62,686)	$ (136,439)	$ 113,561	$ 144,361
Appropriation*	$ -	$ -	$ 60,000	$ 140,247	$ 248,247	$ 250,000	$ 250,000	$ 270,000
Interest Income		$ -	$ 71.12	$ -				
Expenditure	$ -	$ -		$ (263,004)	$ (322,000)	$ -	$ (219,200)	$ (250,000)
Ending Balance	**$ -**	**$ -**	**$ 60,071**	**$ (62,686)**	**$ (136,439)**	**$ 113,561**	**$ 144,361**	**$ 164,361**
Vehicle and Equipment								
Beginning Balance	$ -	$ -	$ -	$ -	$ -	$ -	$ 20,000	$ 15,000
Appropriation*	$ -	$ -	$ -	$ -	$ -	$ 20,000	$ 20,000	$ 20,000
Interest Income		$ -	$ -	$ -	$ -	$ -	$ -	$ -
Expenditure	$ -	$ -	$ -	$ -	$ -	$ -	$ (25,000)	$ (35,000)
Ending Balance	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ 20,000**	**$ 15,000**	**$ -**
Pierpoint Building Purchase								
Beginning Balance	$ -	$ -	$ -	$ 7,500	$ 15,000	$ 22,500	$ 30,000	$ 37,500
Appropriation*	$ -	$ -	$ 7,500	$ 7,500	$ 7,500	$ 7,500	$ 7,500	$ 7,500
Interest Income		$ -	$ -	$ -	$ -	$ -	$ -	$ -
Expenditure	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Ending Balance	**$ -**	**$ -**	**$ 7,500**	**$ 15,000**	**$ 22,500**	**$ 30,000**	**$ 37,500**	**$ 45,000**

[1] Expenditures in FY16 have been updated to the latest estimate for valve upgrade.

[2] Treatment capital planning expenditures in FY17 include: storage tank recoating $80,000; sand replacement $55,000; Distribution ($250,000) is for water main replacements

WATER SYSTEM CAPITAL FUND Annual Funding	**$ 108,000**	**$ 358,000**	**$ 425,500**	**$ 505,747**	**$ 305,747**	**$ 595,430**	**$ 327,500**	**$ 347,500**

WATER SYSTEM CAPITAL FUND FUNDING BALANCE	$ 216,000	$ 574,044	$ 1,000,720	$ 703,419	$ 687,166	$ 1,055,583	$ 1,083,883	$ 1,011,383

WATER CAPITAL

SEWER FUND
WASTEWATER TREATMENT

SUMMARY OF WASTEWATER TREATMENT FACILITY (WWTF) RATE STUDY - FISCAL 2017

Rates per 100 cubic feet (748 gallons)	FISCAL 2010 Actual	FISCAL 2011 Actual	FISCAL 2012 Actual	FISCAL 2013 Actual	FISCAL 2014 Actual	FISCAL 2015 Actual	FISCAL 2016 Budget	FISCAL 2017 Budget
WASTEWATER TREATMENT RATES								
Rutland City	$ 3.652	$ 3.871	$ 3.871	$ 3.871	$ 3.871	$ 4.079	$ 4.079	$ 4.363
Rutland Town	$ 3.652	$ 3.871	$ 3.871	$ 3.871	$ 3.871	$ 4.079	$ 4.079	$ 4.363
Rutland Town Business Rate	$ 14.608	$ 15.484	$ 15.484	$ 15.484	$ 15.484	$ 16.314	$ 16.314	$ 17.450
Alpine Killington/Mendon	$ 3.652	$ 3.871	$ 3.871	$ 3.871	$ 3.871	$ 4.079	$ 4.079	$ 4.363
Alpine Rutland Town	$ 3.652	$ 3.871	$ 3.871	$ 3.871	$ 3.871	$ 4.079	$ 4.079	$ 4.363
REDC	$ 3.652	$ 3.871	$ 3.871	$ 3.871	$ 3.871	$ 4.079	$ 4.079	$ 4.363
REDC Business Rate	$ 7.304	$ 7.742	$ 7.742	$ 7.742	$ 7.742	$ 8.157	$ 8.157	$ 8.725
Sewer Only - Water Service Fee	$ 19.50	$ 19.50	$ 19.50	$ 22.50	$ 29.05	$ 29.05	$ 29.050	$ 31.073
Sewer Service Fee	$ -	$ -	$ -	$ -	$ 17.55	$ 17.550	$ 17.550	$ 17.550
RATE CHANGE	**5.75%**	**6.0%**	**0.0%**	**0.0%**	**0.0%**	**5.4%**	**0.0%**	**7.0%**
REVENUES	Actual	Actual	Actual	Actual	Actual	Actual	Budget	Budget
Billed at Rates	$ 2,907,832	$ 3,005,086	$ 2,912,174	$ 2,990,448	$ 3,468,371	$ 3,475,610	$ 3,290,105	$ 3,595,536
Non Rates	$ 581,031	$ 554,037	$ 569,878	$ 616,120	$ 629,460	$ 705,360	$ 647,455	$ 602,272
NNSSP VT Appropriation								$ 78,565
Year End Adjustment	$ (5,142)	$ 36,320	$ 113,445	$ 3,949	$ -	$ -	$ -	$ -
Total Revenues	**$ 3,483,721**	**$ 3,595,443**	**$ 3,595,497**	**$ 3,610,517**	**$ 4,097,831**	**$ 4,180,970**	**$ 3,937,560**	**$ 4,276,373**
EXPENDITURES								
Operational Budget	$ 2,005,604	$ 2,179,898	$ 2,250,674	$ 2,248,733	$ 2,344,548	$ 2,482,670	$ 2,715,351	$ 2,714,885
CSO Phase 2A Bond Capital Fund	$ 162,991	$ 162,384	$ 186,048	$ 190,526	$ 214,892	$ 216,337	$ 206,878	$ 223,819
Transfers to General Fund	$ 282,007	$ 289,835	$ 281,659	$ 274,920	$ 289,056	$ 212,466	$ 198,761	$ 199,569
Payment in Lieu of Taxes (PILOT)	$ 180,594	$ 180,594	$ 180,594	$ 180,594	$ 180,594	$ -	$ -	$ -
Transfers to DPW	$ 163,995	$ 260,609	$ 264,858	$ 282,172	$ 338,116	$ 365,235	$ 369,022	$ 383,365
Prior Year Adjustments	$ 8,885	$ 2,830	$ 128,386	$ 34,074	$ -	$ -	$ -	$ -
Debt Principal & Interest	$ 704,109	$ 552,355	$ 544,455	$ 489,238	$ 480,138	$ 465,795	$ 456,244	$ 754,736
Total Expenditures	**$ 3,508,185**	**$ 3,628,505**	**$ 3,836,674**	**$ 3,700,257**	**$ 3,847,343**	**$ 3,742,503**	**$ 3,946,257**	**$ 4,276,373**
Net of Revenue vs Expenditures	**$ (24,464)**	**$ (33,062)**	**$ (241,177)**	**$ (89,740)**	**$ 250,488**	**$ 438,467**	**$ (8,697)**	**$ -**
Percent of Total Expenditures								
Operational Budget	57.2%	60.1%	58.7%	60.8%	60.9%	66.3%	68.8%	63.5%
CSO Phase 2A Bond Capital Fund	4.6%	4.5%	4.8%	5.1%	5.6%	5.8%	5.2%	5.2%
Transfers to General Fund	8.0%	8.0%	7.3%	7.4%	7.5%	5.7%	5.0%	4.7%
Payment in Lieu of Taxes (PILOT)	5.1%	5.0%	4.7%	4.9%	4.7%	0.0%	0.0%	0.0%
Transfers to DPW	4.7%	7.2%	6.9%	7.6%	8.8%	9.8%	9.4%	9.0%
Debt Principal & Interest	20.1%	15.2%	14.2%	13.2%	12.5%	12.4%	11.6%	17.6%

WWTF SUMMARY

WASTEWATER TREATMENT - RATES REVENUE BY USER CLASS

	FISCAL 2010 Actual	FISCAL 2011 Actual	FISCAL 2012 Actual	FISCAL 2013 Actual	FISCAL 2014 Actual	FISCAL 2015 Actual	FISCAL 2016 Budget	FISCAL 2017 Budget
RUTLAND CITY								
METERED USAGE*	$ 2,178,751	$ 2,227,297	$ 2,190,179	$ 2,197,234	$ 2,556,253	$ 2,603,297	$ 2,579,994	$ 2,711,707
CITY FLAT RATE	$ 73,131	$ 65,925	$ 56,364	$ 53,098	$ 64,725	$ 46,563	$ 54,000	$ 56,064
Total Rutland City	**$ 2,251,882**	**$ 2,293,222**	**$ 2,246,543**	**$ 2,250,331**	**$ 2,620,978**	**$ 2,649,860**	**$ 2,633,994**	**$ 2,767,771**
RUTLAND TOWN								
METERED USAGE*	$ 315,312	$ 328,429	$ 327,853	$ 390,688	$ 410,902	$ 420,454	$ 392,783	$ 419,044
BUSINESS RATE	$ 187,822	$ 226,492	$ 193,485	$ 196,392	$ 194,714	$ 183,551	$ 209,652	$ 224,051
Total Rutland Town	**$ 503,133**	**$ 554,921**	**$ 521,338**	**$ 587,080**	**$ 605,616**	**$ 604,005**	**$ 602,434**	**$ 643,095**
ALPINE PIPELINE								
KILLINGTON & MENDON								
METERED USAGE*	$ 88,559	$ 86,565	$ 76,179	$ 82,897	$ 163,591	$ 144,461	$ 100,431	$ 108,568
RUTLAND TOWN								
METERED USAGE*	$ 27,630	$ 28,572	$ 22,679	$ 23,324	$ 24,435	$ 21,248	$ 20,959	$ 20,528
Total Alpine	**$ 116,190**	**$ 115,137**	**$ 98,858**	**$ 106,221**	**$ 188,026**	**$ 165,709**		**$ 129,096**
REDC								
METERED USAGE*	$ 6,717	$ 8,384	$ 9,421	$ 8,780	$ 10,060	$ 11,185	$ 8,790	$ 9,525
BUSINESS RATE	$ 11,561	$ 14,897	$ 16,897	$ 15,301	$ 16,500	$ 17,544	$ 17,579	$ 19,049
Total REDC	**$ 18,278**	**$ 23,281**	**$ 26,318**	**$ 24,082**	**$ 26,560**	**$ 28,729**	**$ 26,369**	**$ 28,574**
WATER SERVICE FEE	**$ 18,350**	**$ 18,525**	**$ 19,116**	**$ 22,734**	**$ 27,191**	**$ 27,308**	**$ 27,308**	**$ 27,000**
TOTAL REVENUE FROM RATES	**$ 2,907,832**	**$ 3,005,086**	**$ 2,912,174**	**$ 2,990,448**	**$ 3,468,371**	**$ 3,475,610**	**$ 3,290,105**	**$ 3,595,536**

* Includes sewer service fee starting in FY14

WASTEWATER TREATMENT - NON RATE REVENUE

NON-RATE REVENUE	FISCAL 2010 Actual	FISCAL 2011 Actual	FISCAL 2012 Actual	FISCAL 2013 Actual	FISCAL 2014 Actual	FISCAL 2015 Actual	FISCAL 2016 Budget	FISCAL 2017 Budget
610-6-30-01								
319.002 Interest On DLQ Accts	$ 18,380	$ 25,752	$ 23,074	$ 24,333	$ 6,716	$ 23,675	$ 28,198	$ 23,675
319.003 5% Past Due Penalty	$ 30,367	$ 32,045	$ 24,618	$ 23,949	$ 22,373	$ 24,497	$ 18,407	$ 24,497
344.001 Alpine Ad Valorem	$ 119,506	$ 114,615	$ 119,107	$ 120,637	$ 123,498	$ 123,499	$ 120,000	$ 120,000
344.002 Septage Disposal Fees	$ 6,225	$ 380	$ 6,050	$ 56,520	$ 59,736	$ 75,757	$ 55,000	$ 70,000
344.003 Industrial Sewage Surcharge	$ 52,278	$ 76,192	$ 57,850	$ 57,965	$ 42,717	$ 52,976	$ 55,000	$ 55,000
344.004 Alpine Option	$ 51,395	$ 50,000	$ 50,000	$ 50,000	$ 68,750	$ -	$ 68,750	$ -
344.005 Sludge Disposal Fees	$ 170,730	$ 158,690	$ 195,878	$ 191,212	$ 188,965	$ 210,238	$ 190,000	$ 200,000
344.008 Town Ad Valorum	$ 78,126	$ 80,583	$ 80,583	$ 68,960	$ 78,327	$ 77,160	$ 75,000	$ 75,000
362.000 Power Load Shedding	$ 23,745	$ 14,353	$ 6,725	$ 5,223	$ 1,265	$ 1,324	$ 5,000	$ 2,000
362.001 Pole & Conduit Lease	$ 2,100	$ 100	$ 100	$ 100	$ 100	$ 100	$ 100	$ 100
390.001 Miscellaneous Revenue	$ 3,525	$ 1,327	$ 3,052	$ 1,140	$ 6,472	$ 1,576	$ 2,000	$ 2,000
344.010 Alpine Pump Station Maint.					$ 30,541	$ 18,655	$ 30,000	$ 30,000
610-6-80-00-380.000 Gain - Asset Disp.				$ 10,948	$ -	$ -	$ -	$ -
610-6-98-00-391.000 Transfers In	$ 24,654		$ 2,841	$ 5,134	$ -	$ 95,903	$ -	$ -
TOTAL NON RATE REVENUE	**$ 581,031**	**$ 554,037**	**$ 569,878**	**$ 616,120**	**$ 629,460**	**$ 705,360**	**$ 647,455**	**$ 602,272**

TOTAL WASTEWATER TREATMENT REVENUE	**$ 3,488,863**	**$ 3,559,123**	**$ 3,482,052**	**$ 3,606,568**	**$ 4,097,831**	**$ 4,180,970**	**$ 3,937,560**	**$ 4,197,808**

PERCENT OF REVENUE	FISCAL 2010 Actual	FISCAL 2011 Actual	FISCAL 2012 Actual	FISCAL 2013 Actual	FISCAL 2014 Actual	FISCAL 2015 Actual	FISCAL 2016 Budget	FISCAL 2017 Budget
RUTLAND CITY	77.4%	76.3%	77.1%	75.3%	75.6%	76.2%	80.1%	77.1%
RUTLAND TOWN	17.3%	18.5%	17.9%	19.6%	17.5%	17.4%	18.3%	17.8%
ALPINE	4.0%	3.8%	3.4%	3.6%	5.4%	4.8%	0.0%	3.6%
REDC	0.6%	0.8%	0.9%	0.8%	0.8%	0.8%	0.8%	0.8%
WATER SERVICE FEE	0.6%	0.6%	0.7%	0.8%	0.8%	0.8%	0.8%	0.8%

WWTF NON RATE REVENUE AND TOTALS

WASTEWATER TREATMENT - USAGE AND CUSTOMER BASE

	FISCAL 2010 Actual	FISCAL 2011 Actual	FISCAL 2012 Actual	FISCAL 2013 Actual	FISCAL 2014 Actual	FISCAL 2015 Actual	FISCAL 2016 Budget	FISCAL 2017 Budget
METERED USAGE								
RUTLAND CITY	596,591	575,380	565,791	542,257	551,461	541,216	536,393	531,933
RUTLAND TOWN	85,675	84,152	83,963	98,999	99,577	98,151	92,001	91,982
TOWN Business Rate	12,857	14,627	12,496	12,684	12,418	11,250	12,851	12,839
ALPINE Killington & Mendon	24,250	22,363	19,680	20,531	38,252	31,917	24,624	24,886
ALPINE Rutland Town	7,566	7,381	5,859	5,740	5,669	5,209	4,726	4,319
REDC	1,583	1,924	2,183	1,969	2,094	2,148	2,155	2,183
Total Annual Usage	**728,522**	**705,828**	**689,971**	**682,179**	**709,471**	**689,891**	**672,750**	**668,142**
Usage is in 100's of Cubic Feet								
ANNUAL USAGE CHANGE	**-3.9%**	**-3.1%**	**-2.2%**	**-1.1%**	**4.0%**	**-2.8%**	**-2.5%**	**-3.2%**
Change in Use since FY 2007	**-12.4%**	**-15.2%**	**-17.1%**	**-18.0%**	**-14.7%**	**-17.1%**	**-19.1%**	**-19.7%**
CUSTOMER BASE								
RUTLAND CITY	5,595	5,604	5,594	5,603	5,602	5,588	5,588	5,571
FLAT RATE /NO METER	64	60	58	58	53	47	47	40
RUTLAND TOWN	245	248	248	250	250	250	250	253
TOWN Business Rate	44	43	43	39	34	34	34	26
ALPINE Killington & Mendon	197	197	197	196	196	196	196	202
ALPINE Rutland Town	63	63	63	63	63	63	63	61
REDC	12	12	12	12	12	12	12	13
Total Billed Accounts	**6,220**	**6,227**	**6,215**	**6,221**	**6,210**	**6,190**	**6,190**	**6,166**

Note: Rutland Town Business Rate not seperated by code until 2009

WWTF USAGE AND CUSTOMERS

WASTEWATER TREATMENT - OPERATIONAL BUDGET

WASTEWATER TREATMENT 610-7-33-00	FISCAL 2010 Actual	FISCAL 2011 Actual	FISCAL 2012 Actual	FISCAL 2013 Actual	FISCAL 2014 Actual	FISCAL 2015 Actual	FISCAL 2016 Budget	FISCAL 2017 Budget
610-7-33-00-110.000 Salaries	$ 617,996	$ 644,831	$ 647,150	$ 620,955	$ 650,871	$ 639,074	$ 671,605	$ 674,695
610-7-33-00-114.000 Comp Cashed	$ 11,723	$ 22,840	$ 29,053	$ 31,175	$ 27,814	$ 24,441	$ -	$ -
610-7-33-00-130.000 Overtime	$ 66,576	$ 73,006	$ 65,331	$ 68,328	$ 55,582	$ 80,432	$ 75,000	$ 75,000
610-7-33-00-210.000 Health Insurance	$ 155,181	$ 170,306	$ 193,317	$ 186,308	$ 169,934	$ 159,612	$ 178,258	$ 168,138
610-7-33-00-210.001 Dental Insurance	$ 7,261	$ 8,162	$ 8,358	$ 8,115	$ 6,803	$ 6,369	$ 8,501	$ 8,240
610-7-33-00-210.002 Vision Insurance	$ 2,362	$ 1,969	$ 2,440	$ 2,132	$ 2,060	$ 2,125	$ 2,274	$ 2,608
610-7-33-00-210.003 Life Insurance	$ 869	$ 709	$ 716	$ 948	$ 948	$ 925	$ 958	$ 980
610-7-33-00-210.004 Disability Insurance	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
610-7-33-00-210.005 HRA	$ -	$ 4,172	$ 29,644	$ 13,912	$ 17,218	$ 15,933	$ 31,875	$ 31,875
610-7-33-00-210.006 Choice Care	$ -	$ 571	$ 960	$ 1,045	$ 1,017	$ 969	$ 1,026	$ 1,026
610-7-33-00-220.000 FICA/MEDI	$ 54,136	$ 58,064	$ 58,727	$ 53,976	$ 56,900	$ 57,155	$ 56,251	$ 56,251
610-7-33-00-230.000 VMERS Contributions	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
610-7-33-00-230.001 City Employer Pension	$ -	$ -	$ -	$ -	$ -	$ 54,190	$ 62,583	$ 62,848
610-7-33-00-250.000 Unemployment Comp	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
610-7-33-00-260.000 Workers' Comp	$ 39,063	$ 30,506	$ 24,649	$ 29,910	$ 38,293	$ 39,006	$ 54,684	$ 38,719
610-7-33-00-320.000 Professional Services	$ 10,447	$ 11,839	$ 2,161	$ 11,303	$ 16,911	$ (2,043)	$ 12,000	$ 27,000
610-7-33-00-340.000 Technical Services	$ 11,651	$ 8,288	$ 9,396	$ 20,102	$ 10,478	$ 12,304	$ 20,000	$ 20,000
610-7-33-00-421.000 Trash Removal	$ 3,049	$ 3,203	$ 3,349	$ 281	$ 258	$ 109	$ 3,500	$ 4,100
610-7-33-00-421.001 Sludge Removal	$ 349,591	$ 364,373	$ 396,137	$ 431,110	$ 448,559	$ 474,342	$ 450,000	$ 450,000
610-7-33-00-430.003 Repair & Maint - Bldgs	$ 32,577	$ 76,624	$ 54,224	$ 26,861	$ 72,729	$ 71,990	$ 80,000	$ 80,000
610-7-33-00-430.004 Repair & Maint - Plant	$ -	$ 888	$ -	$ -	$ -	$ -	$ -	$ -
610-7-33-00-430.006 Repair & Maint - Equip	$ 45,023	$ 42,316	$ 40,561	$ 44,056	$ 41,892	$ 44,986	$ 45,000	$ 45,000
610-7-33-00-442.003 Copier Lease	$ 1,383	$ 1,257	$ 1,798	$ -	$ -	$ -	$ -	$ -
610-7-33-00-442.004 Software Lease	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
610-7-33-00-520.000 Liability Insurance	$ -	$ -	$ -	$ -	$ -	$ 190,082	$ 219,242	$ 219,242
610-7-33-00-530.000 Telephone	$ 1,491	$ 1,227	$ 438	$ 1,225	$ 1,460	$ 1,730	$ 1,800	$ 1,800
610-7-33-00-530.001 Cell Phones	$ 592	$ 623	$ 508	$ 503	$ 759	$ 895	$ 650	$ 650
610-7-33-00-530.002 Internet Service	$ 1,561	$ 1,439	$ 1,483	$ 1,630	$ 1,565	$ 1,495	$ 1,700	$ 1,700
610-7-33-00-530.004 CSO Monitoring	$ -	$ -	$ -	$ -	$ 575	$ 575	$ 575	$ 3,000
610-7-33-00-532.000 Training/Prof Dev	$ 2,280	$ 3,086	$ 3,070	$ 1,918	$ 2,951	$ 2,040	$ 3,000	$ 3,000
610-7-33-00-580.001 Auto Allowance	$ -	$ 1,500	$ 1,425	$ 1,525	$ 600	$ 600	$ 600	$ 600
610-7-33-00-610.000 Office Supplies	$ -	$ 5	$ -	$ -	$ 97	$ -	$ 600	$ 600
610-7-33-00-610.003 Work Uniforms	$ 1,872	$ 2,197	$ 2,104	$ 2,315	$ 2,149	$ 2,468	$ 2,520	$ 2,520
610-7-33-00-610.009 Safety Supplies	$ 1,596	$ 1,449	$ 1,981	$ 1,757	$ 2,632	$ 507	$ 2,500	$ 2,500
610-7-33-00-610.017 Lab Supplies	$ 15,174	$ 16,572	$ 15,840	$ 16,412	$ 15,775	$ 20,456	$ 17,000	$ 20,000
610-7-33-00-610.020 Polymer	$ 5,241	$ 12,276	$ 17,028	$ 18,707	$ 14,004	$ 19,258	$ 18,600	$ 17,670
610-7-33-00-610.021 Sodium Aluminate	$ 104,966	$ 83,249	$ 99,273	$ 80,450	$ 86,464	$ 93,466	$ 120,640	$ 126,672
610-7-33-00-610.022 Sodium Hypochlorite	$ 27,421	$ 28,364	$ 31,548	$ 22,560	$ 22,373	$ 23,672	$ 38,300	$ 40,215
610-7-33-00-610.023 Sodium Bisulfite	$ 37,798	$ 32,868	$ 10,229	$ 23,125	$ 32,661	$ 24,680	$ 38,480	$ 40,404
610-7-33-00-610.045 Building Supplies	$ 7,287	$ 7,667	$ 7,944	$ 9,302	$ 6,254	$ 6,844	$ 10,000	$ 10,000
610-7-33-00-622.000 Electricity - Buildings	$ 277,716	$ 312,596	$ 289,727	$ 279,812	$ 323,119	$ 288,781	$ 290,000	$ 290,000
610-7-33-00-624.000 Fuel Oil	$ 73,356	$ 89,826	$ 101,819	$ 157,126	$ 99,771	$ 78,806	$ 110,000	$ 73,000
610-7-33-00-740.000 Machinery & Equipment	$ 5,977	$ 11,893	$ 44,462	$ 42,989	$ 53,055	$ 15,652	$ 25,000	$ 60,000
610-7-33-00-740.001 Computers & Hardware	$ -	$ -	$ -	$ 137	$ 354	$ 490	$ 650	$ 650
610-7-33-00-800.001 State Fees	$ 11,110	$ 13,020	$ 12,500	$ 12,500	$ 12,510	$ 12,500	$ 13,500	$ 13,500
TOTAL WASTEWATER TREATMENT	**$ 1,984,328**	**$ 2,143,783**	**$ 2,209,352**	**$ 2,224,509**	**$ 2,297,396**	**$ 2,466,916**	**$ 2,668,871**	**$ 2,674,205**

WWTF OPERATIONAL BUDGET

WASTEWATER PUMP STATIONS - OPERATIONAL BUDGET

PUMP STATIONS	FISCAL 2010 Actual	FISCAL 2011 Actual	FISCAL 2012 Actual	FISCAL 2013 Actual	FISCAL 2014 Actual	FISCAL 2015 Actual	FISCAL 2016 Budget	FISCAL 2017 Budget
610-7-31-10 River Street PS	$ 5,747	$ 8,295	$ 14,038	$ 4,400	$ 13,481	$ 14,534	$ 14,170	$ 23,370
610-7-31-11 Country Club PS	$ 3,451	$ 375	$ 13,180	$ 5,091	$ 3,347	$ -	$ 1,360	$ 1,360
610-7-31-12 Dorr Dr PS	$ 2,753	$ 2,865	$ 5,562	$ 6,176	$ 6,330	$ -	$ 5,460	$ 5,460
610-7-31-13 Clement Rd PS	$ 2,408	$ 19,532	$ 2,307	$ 4,156	$ 3,250	$ 775	$ 3,710	$ 3,710
610-7-31-14 Belden Rd PS	$ 973	$ 1,748	$ 1,005	$ 1,194	$ 1,556	$ -	$ 17,060	$ 2,060
610-7-31-15 Northeast Dr PS	$ 3,604	$ 1,957	$ 2,555	$ 1,690	$ 2,462	$ -	$ 2,000	$ 2,000
610-7-31-16 Laverne Dr PS	$ 2,038	$ 929	$ 2,358	$ 1,150	$ 15,934	$ 418	$ 1,510	$ 1,510
610-7-31-17 Marolin St PS	$ 304	$ 412	$ 317	$ 367	$ 792	$ 27	$ 1,210	$ 1,210
Total Pump Stations Budgets	**$ 21,276**	**$ 36,115**	**$ 41,322**	**$ 24,225**	**$ 47,152**	**$ 15,754**	**$ 46,480**	**$ 40,680**

TOTAL WASTEWATER TREATMENT OPERATIONAL BUDGETS

TOTAL WASTEWATER TREATMENT	**$ 2,005,604**	**$ 2,179,898**	**$ 2,250,674**	**$ 2,248,733**	**$ 2,344,548**	**$ 2,482,670**	**$ 2,715,351**	**$ 2,714,885**

WWTF PUMP STATIONS BUDGET AND TOTALS

WASTEWATER TREATMENT - TRANSFERS TO GENERAL FUND

TRANSFERS TO GENERAL FUND 610-7-80-00	FISCAL 2010 Actual	FISCAL 2011 Actual	FISCAL 2012 Actual	FISCAL 2013 Actual	FISCAL 2014 Actual	FISCAL 2015 Actual	FISCAL 2016 Budget	FISCAL 2017 Budget
892.001 Transfer Out -Treasurer	$ 179,426	$ 188,017	$ 182,654	$ 179,494	$ 191,156	$ 193,077	$ 177,990	$ 177,939
892.003 Transfer Out - Attorney	$ 22,468	$ 21,778	$ 20,965	$ 17,030	$ 17,459	$ 19,389	$ 20,771	$ 21,630
892.005 Transfer Out - General Buildings	$ 80,113	$ 80,040	$ 78,040	$ 78,396	$ 80,440	$ -	$ -	$ -
	$ 282,007	$ 289,835	$ 281,659	$ 274,920	$ 289,056	$ 212,466	$ 198,761	$ 199,569
Sewer Fund Share	**$ 282,007**	**$ 289,835**	**$ 281,659**	**$ 274,920**	**$ 289,056**	**$ 212,466**	**$ 198,761**	**$ 199,569**
892.006 Wastewater Treatment PILOT	**$ 180,594**	**$ 180,594**	**$ 180,594**	**$ 180,594**	**$ 180,594**	**$ -**		**$ -**
TOTAL TO GENERAL FUND	**$ 462,601**	**$ 470,429**	**$ 462,253**	**$ 455,514**	**$ 469,650**	**$ 212,466**	**$ 198,761**	**$ 199,569**
Wastewater Treatment % Share	100%	100%	100%	100%	100%	100%	100%	100%

SEWER FUND TRANSFERS ARE:

30% of Treasurer's Budget
12.5% of Attorney's Budget

WASTEWATER TREATMENT - TRANSFERS TO DPW

TRANSFERS TO DPW 610-7-80-00	FISCAL 2010 Actual	FISCAL 2011 Actual	FISCAL 2012 Actual	FISCAL 2013 Actual	FISCAL 2014 Actual	FISCAL 2015 Actual	FISCAL 2016 Budget	FISCAL 2017 Budget
892.002 Transfer Out - AdmDPW	$ 214,932	$ 212,061	$ 211,259	$ 220,064	$ 279,735	$ 307,427	$ 314,864	$ 341,641
892.004 Transfer Out -Equipment Maint.	$ 113,058	$ 113,700	$ 119,813	$ 132,651	$ 142,910	$ 149,117	$ 146,414	$ 137,565
Total Sewer Fund to DPW	$ 327,990	$ 325,761	$ 331,072	$ 352,715	$ 422,645	$ 456,544	$ 461,278	$ 479,206
Wastewater Treatment Share	**$ 163,995**	**$ 260,609**	**$ 264,858**	**$ 282,172**	**$ 338,116**	**$ 365,235**	**$ 369,022**	**$ 383,365**
Wastewater Treatment % Share	50%	80%	80%	80%	80%	80%	80%	80%

SEWER FUND TRANSFERS ARE:

80/20 split with Sewer Collection starting in 201
better cost allocation

33% of DPW Administration
25% of DPW Equipment Maintenance in Streets Budget

WWTF TRANSFERS

WASTEWATER TREATMENT - DEBT

BALANCE ON WASTEWATER TREATMENT DEBT	FISCAL 2010 Actual	FISCAL 2011 Actual	FISCAL 2012 Actual	FISCAL 2013 Actual	FISCAL 2014 Actual	FISCAL 2015 Actual	FISCAL 2016 Budget	FISCAL 2017 Budget
CSO Bond	$ 2,880,000	$ 2,720,000	$ 2,560,000	$ 2,400,000	$ 2,240,000	$ 2,080,000	$ 1,920,000	$ 1,760,000
CSO Phase 2A BOND	$ 1,440,000	$ 1,360,000	$ 1,280,000	$ 1,200,000	$ 1,120,000	$ 1,040,000	$ 960,000	$ 880,000
CSO Overflow Bond (paid FY 2013)	$ 254,951	$ 224,361	$ 193,771	$ 163,180	$ -	$ -	$ -	$ -
NNSSP CSO 1272 Compliance								$ 5,160,000
Current Expense Note								
Sewer 50% share	$ 1,750,000							
Sewer 25% share		$ 1,500,000	$ 1,350,000	$ 1,200,000	$ 1,050,000	$ 900,000	$ 750,000	$ 600,000
TOTAL WWTF DEBT	**$ 6,324,951**	**$ 5,804,361**	**$ 5,383,771**	**$ 4,963,180**	**$ 4,410,000**	**$ 4,020,000**	**$ 3,630,000**	**$ 8,400,000**
PRINCIPAL PAYMENTS								
CSO Bond	$ 160,000	$ 160,000	$ 160,000	$ 160,000	$ 160,000	$ 160,000	$ 160,000	$ 160,000
CSO Phase 2A BOND	$ 80,000	$ 80,000	$ 80,000	$ 80,000	$ 80,000	$ 80,000	$ 80,000	$ 80,000
CSO Overflow Bond (paid FY 2013)	$ 30,591	$ 30,591	$ 30,591					
Deferred Principal	$ 16,318	$ 16,318	$ 16,318					
NNSSP CSO 1272 Compliance								$ 207,373
CURRENT EXPENSE NOTE								
Sewer 50% share	$ 250,000							
Sewer 25% share		$ 149,456	$ 150,000	$ 150,000	$ 150,000	$ 150,000	$ 150,000	$ 150,000
TOTAL PRINCIPAL PAYMENTS	**$ 536,909**	**$ 436,365**	**$ 436,909**	**$ 390,000**	**$ 390,000**	**$ 390,000**	**$ 390,000**	**$ 597,373**
INTEREST PAYMENTS								
CSO Bond	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
CSO Phase 2A BOND	$ 65,350	$ 62,174	$ 58,946	$ 56,038	$ 52,338	$ 48,970	$ 45,562	$ 40,091
Current Expense Note								
Sewer 50% share	$ 101,850							
Sewer 25% share		$ 53,816	$ 48,600	$ 43,200	$ 37,800	$ 26,825	$ 20,682	$ 16,500
TOTAL INTEREST PAYMENTS	**$ 167,200**	**$ 115,990**	**$ 107,546**	**$ 99,238**	**$ 90,138**	**$ 75,795**	**$ 66,244**	**$ 56,591**
OTHER FEES								
NNSSP CSO 1272 Compliance								$ 100,772
TOTAL OTHER FEES	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ 100,772**
TOTAL PAYMENTS FOR PRINCIPAL, INTEREST & OTHER	**$ 704,109**	**$ 552,355**	**$ 544,455**	**$ 489,238**	**$ 480,138**	**$ 465,795**	**$ 456,244**	**$ 754,736**

West St. (ARRA AR1-009)

WWTF DEBT

WASTEWATER TREATMENT - SEWER FUND CAPITAL PLANNING

Annual Appropriation to Wastewater Treatment Capital Fund	FISCAL 2010 Actual	FISCAL 2011 Actual	FISCAL 2012 Actual	FISCAL 2013 Actual	FISCAL 2014 Actual	FISCAL 2015 Actual	FISCAL 2016 Budget	FISCAL 2017 Budget
CSO Phase 2A Bond Capital Fund	5%	5%	5%	5%	5%	5%	5%	5%
5% of revenues*	$ 162,991	$ 162,384	$ 186,048	$ 180,526	$ 204,892	$ 209,049	$ 196,878	$ 213,819
TOTAL WWTF CAPITAL FUNDING	**$ 162,991**	**$ 162,384**	**$ 186,048**	**$ 180,526**	**$ 204,892**	**$ 209,049**	**$ 196,878**	**$ 213,819**

Activities & Balances in Wastewater Treatment Capital Fund	FISCAL 2010 Actual	FISCAL 2011 Actual	FISCAL 2012 Actual	FISCAL 2013 Actual	FISCAL 2014 Actual	FISCAL 2015 Actual	FISCAL 2016 Budget	FISCAL 2017 Budget
CSO II								
Beginning Balance**	$ 236,525	$ 405,577	$ 569,906	$ 324,853	$ 505,379	$ 710,271	$ 226,323	$ 226,323
Appropriation	$ 162,991	$ 162,384	$ 186,048	$ 180,526	$ 204,892	$ 206,337	$ 196,878	$ 213,819
Interest Income	$ 6,061	$ 1,945	$ 799	$ -	$ -	$ -	$ -	$ -
Expenditure	$ -		$ (431,900)	$ -	$ -	$ (690,285)	$ (194,646)	$ (245,000)
Ending Balance	**$ 405,577**	**$ 569,906**	**$ 324,853**	**$ 505,379**	**$ 710,271**	**$ 226,323**	**$ 228,555**	**$ 195,141**
Vehicle and Equipment								
Beginning Balance	$ -	$ -	$ -	$ -	$ 10,000	$ 20,000	$ 6,610	$ 16,610
Appropriation	$ -	$ -	$ -	$ 10,000	$ 10,000	$ 10,000	$ 10,000	$ 10,000
Interest Income		$ -	$ -	$ -	$ -	$ -	$ -	$ -
Expenditure	$ -	$ -	$ -	$ -	$ -	$ (23,390)	$ -	$ -
Ending Balance	**$ -**	**$ -**	**$ -**	**$ 10,000**	**$ 20,000**	**$ 6,610**	**$ 16,610**	**$ 26,610**

[1] Expenditures in FY15 and FY16 have been updated to the latest estimate. The FY17 projects are replacement of 3 RAS pumps ($105k) ; 1 blower ($100k); 2 grit pumps ($40k)

WASTEWATER TREATMENT CAPITAL PLAN ANNUAL FUNDING	**$ 162,991**	**$ 162,384**	**$ 186,048**	**$ 190,526**	**$ 214,892**	**$ 216,337**	**$ 206,878**	**$ 223,819**
WASTEWATER TREATMENT CAPITAL PLAN FUNDING BALANCE	**$ 405,577**	**$ 569,906**	**$ 324,853**	**$ 515,379**	**$ 730,271**	**$ 232,933**	**$ 245,165**	**$ 221,751**

***CSO II Bond funding required City of Rutland to establish a capital fund of 5% of Wastewater Treatment Revenues for WWTF maintenance, improvements or repairs. See Board of Aldermen Resolution dated April 5, 2004.**

**** Balance of CSO Project - Related Funds placed in Fund**

WWTF CAPITAL

SEWER FUND
WASTEWATER COLLECTION

SUMMARY OF WASTEWATER COLLECTION (WWC) RATE STUDY - FISCAL 2017

	FISCAL 2010 Actual	FISCAL 2011 Actual	FISCAL 2012 Actual	FISCAL 2013 Actual	FISCAL 2014 Actual	FISCAL 2015 Actual	FISCAL 2016 Budget	FISCAL 2017 Budget
SEWER COLLECTION RATES								
Rates per 100 cubic feet (748 gallons)								
Rutland City	$ 0.936	$ 0.833	$ 0.855	$ 0.935	$ 1.124	$ 1.195	$ 1.195	$ 1.250
Rutland Town	$ 0.936	$ 0.833	$ 0.855	$ 0.935	$ 1.124	$ 1.195	$ 1.195	$ 1.250
Alpine Killington/Mendon	$ 0.936	$ 0.833	$ 0.855	$ 0.935	$ 1.124	$ 1.195	$ 1.195	$ 1.250
Alpine Rutland Town	$ 0.936	$ 0.833	$ 0.855	$ 0.935	$ 1.124	$ 1.195	$ 1.195	$ 1.250
RATE CHANGE	**-2.50%**	**-11.00%**	**2.70%**	**9.35%**	**20.20%**	**6.33%**	**0.00%**	**4.62%**
REVENUES	Actual	Actual	Actual	Actual	Actual	Actual	Budget	Budget
Billed at Rates	$ 687,877	$ 632,160	$ 604,842	$ 670,681	$ 813,156	$ 824,835	$ 802,427	$ 832,986
Non Rate	$ 550	$ 1,753	$ 600	$ 669	$ 603	$ 450	$ 600	$ 600
Total Revenues	**$ 688,427**	**$ 633,913**	**$ 605,442**	**$ 671,350**	**$ 813,759**	**$ 825,285**	**$ 803,027**	**$ 833,586**
EXPENDITURES								
Operational Budget	$ 521,698	$ 499,315	$ 474,804	$ 543,191	$ 572,061	$ 601,560	$ 616,460	$ 634,533
Capital Planning	$ -	$ -	$ -	$ -	$ 65,000	$ 76,679	$ 75,000	$ 75,000
Transfers to DPW	$ 163,995	$ 65,152	$ 66,214	$ 70,543	$ 84,528	$ 91,309	$ 92,256	$ 95,841
Transfers to General Fund		$ 57,967	$ -	$ -	$ -	$ -	$ -	$ -
Debt Principle & Interest	$ -	$ -	$ -	$ 28,212	$ 28,212	$ 28,212	$ 28,212	$ 28,212
Total Expenditures	**$ 685,693**	**$ 622,434**	**$ 541,018**	**$ 641,947**	**$ 749,802**	**$ 797,760**	**$ 811,928**	**$ 833,586**
Net of Revenue vs Expenditures	**$ 2,734**	**$ 11,479**	**$ 64,424**	**$ 29,403**	**$ 63,957**	**$ 27,525**	**$ (8,901)**	**$ -**
PERCENT OF TOTAL EXPENDITURES								
Operational Budget	76.1%	80.2%	87.8%	84.6%	76.3%	75.4%	75.9%	76.1%
Capital Planning	0.0%	0.0%	0.0%	0.0%	8.7%	9.6%	9.2%	9.0%
Transfers to DPW	23.9%	10.5%	12.2%	11.0%	11.3%	11.4%	11.4%	11.5%
Transfers to General Fund	0.0%	9.3%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Debt Principle & Interest	0.0%	0.0%	0.0%	4.4%	3.8%	3.5%	3.5%	3.4%

WASTEWATER COLLECTION - RATES REVENUE BY USER CLASS

	FISCAL 2010 Actual	FISCAL 2011 Actual	FISCAL 2012 Actual	FISCAL 2013 Actual	FISCAL 2014 Actual	FISCAL 2015 Actual	FISCAL 2016 Budget	FISCAL 2017 Budget
RUTLAND CITY								
METERED USAGE	$ 558,409	$ 479,292	$ 495,594	$ 533,293	$ 632,192	$ 646,828	$ 641,064	$ 665,123
CITY FLAT RATE	$ 18,866	$ 14,312	$ 12,530	$ 13,406	$ 16,824	$ 16,332	$ 16,332	$ 16,332
Total Rutland City	**$ 577,275**	**$ 493,604**	**$ 508,124**	**$ 546,699**	**$ 649,015**	**$ 663,160**	**$ 657,396**	**$ 681,455**
RUTLAND TOWN								
METERED USAGE	$ 80,823	$ 70,675	$ 74,458	$ 98,292	$ 114,143	$ 117,304	$ 109,954	$ 115,013
BUSINESS RATE								
Total Rutland Town	**$ 80,823**	**$ 70,675**	**$ 74,458**	**$ 98,292**	**$ 114,143**	**$ 117,304**	**$ 109,954**	**$ 115,013**
ALPINE PIPELINE								
KILLINGTON & MENDON								
METERED USAGE	$ 22,698	$ 18,628	$ 17,133	$ 20,062	$ 43,531	$ 38,145	$ 29,429	$ 31,117
RUTLAND TOWN								
METERED USAGE	$ 7,082	$ 6,148	$ 5,128	$ 5,628	$ 6,467	$ 6,225	$ 5,648	$ 5,401
Total Alpine	**$ 29,779**	**$ 24,776**	**$ 22,261**	**$ 25,690**	**$ 49,998**	**$ 44,370**	**$ 35,077**	**$ 36,518**
TOTAL REVENUE FROM RATES	**$ 687,877**	**$ 589,055**	**$ 604,842**	**$ 670,681**	**$ 813,156**	**$ 824,835**	**$ 802,427**	**$ 832,986**

WASTEWATER COLLECTION - NON RATE REVENUE

610-6-30-01								
321.002 Sewer Permits	$ -	$ 780	$ 600	$ 600	$ 510	$ 450	$ 500	$ 500
344.006 Sewer Repair Services	$ 550	$ 973	$ -	$ 69	$ 93	$ -	$ 100	$ 100
Allocation Fees were waived by Board of Aldermen in Fiscal 2011								
TOTAL NON RATE REVENUE	**$ 550**	**$ 1,753**	**$ 600**	**$ 669**	**$ 603**	**$ 450**	**$ 600**	**$ 600**

TOTAL REVENUE	**$ 688,427**	**$ 590,808**	**$ 605,442**	**$ 671,350**	**$ 813,759**	**$ 825,285**	**$ 803,027**	**$ 833,586**

WWC REVENUE

WASTEWATER COLLECTION - USAGE AND CUSTOMER BASE

	FISCAL 2010 Actual	FISCAL 2011 Actual	FISCAL 2012 Actual	FISCAL 2013 Actual	FISCAL 2014 Actual	FISCAL 2015 Actual	FISCAL 2016 Budget	FISCAL 2017 Budget
METERED USAGE								
RUTLAND CITY	596,591	575,380	565,791	542,257	551,461	541,216	536,393	531,933
RUTLAND TOWN	85,675	84,152	83,963	98,999	99,577	98,151	92,001	91,982
ALPINE Killington & Mendon	24,250	22,363	19,680	20,531	38,252	31,917	24,624	24,886
ALPINE Rutland Town	7,566	7,381	5,859	5,740	5,669	5,209	4,726	4,319
Total Annual Usage	**714,081**	**689,276**	**675,293**	**667,527**	**694,959**	**676,493**	**657,744**	**653,120**
Usage is in 100's of Cubic Feet								
ANNUAL USAGE CHANGE	**-2.2%**	**-3.6%**	**-1.7%**	**-4.2%**	**1.7%**	**-1.9%**	**-0.9%**	**-3.5%**
Change in Use since FY 2007	**-13.3%**	**-16.3%**	**-18.0%**	**-18.9%**	**-15.6%**	**-17.8%**	**-20.1%**	**-20.7%**
CUSTOMER BASE								
RUTLAND CITY	5,595	5,604	5,594	5,603	5,602	5,588	5,588	5,571
FLAT RATE /NO METER	64	60	58	58	53	47	47	40
RUTLAND TOWN	245	248	248	250	250	250	250	253
ALPINE Killington & Mendon	197	197	197	196	196	196	196	202
ALPINE Rutland Town	63	63	63	63	63	63	63	61
Total Billed Accounts	**6,164**	**6,172**	**6,160**	**6,170**	**6,164**	**6,144**	**6,144**	**6,127**
PERCENT OF REVENUE								
RUTLAND CITY	83.9%	83.8%	84.0%	81.5%	79.8%	80.4%	81.9%	81.8%
RUTLAND TOWN	11.7%	12.0%	12.3%	12.3%	14.7%	14.0%	14.2%	14.0%
ALPINE	4.3%	4.2%	3.7%	3.8%	6.1%	5.4%	4.4%	4.4%

WWC USAGE AND CUSTOMERS

WASTEWATER COLLECTION - OPERATIONAL BUDGET

SEWER COLLECTION 610-7-30-00	FISCAL 2010 Actual	FISCAL 2011 Actual	FISCAL 2012 Actual	FISCAL 2013 Actual	FISCAL 2014 Actual	FISCAL 2015 Actual	FISCAL 2016 Budget	FISCAL 2017 Budget
610-7-31-00-110.000 Salaries	$ 301,923.48	$ 277,627.63	$ 246,848.82	$ 275,057.02	$ 295,152.76	$ 313,103.85	$ 311,155.44	$ 313,518.03
610-7-31-00-114.000 Comp Cashed	$ 1,998.43	$ 2,957.26	$ 8,313.75	$ 1,765.75	$ 4,059.48	$ 2,039.07	$ -	$ -
610-7-31-00-120.000 Seasonal Employee	$ -	$ 3,951.00	$ -	$ 2,930.25	$ 4,017.60	$ 4,267.90	$ 6,500.00	$ 6,500.00
610-7-31-00-130.000 Overtime	$ (73.02)	$ 701.46	$ 1,604.20	$ 872.39	$ 6,036.80	$ 3,049.76	$ 4,000.00	$ 4,000.00
610-7-31-00-210.000 Health Insurance	$ 117,203.86	$ 102,861.30	$ 96,221.79	$ 95,964.23	$ 86,209.94	$ 74,375.32	$ 81,629.88	$ 86,616.46
610-7-31-00-210.001 Dental Insurance	$ 3,205.59	$ 3,003.75	$ 2,819.28	$ 3,082.84	$ 2,624.83	$ 2,096.62	$ 4,118.00	$ 4,118.00
610-7-31-00-210.002 Vision Insurance	$ 1,401.27	$ 977.19	$ 1,056.03	$ 920.43	$ 816.90	$ 746.16	$ 1,150.43	$ 1,332.94
610-7-31-00-210.003 Life Insurance	$ 496.09	$ 292.71	$ 254.10	$ 352.80	$ 352.80	$ 331.10	$ 504.00	$ 516.00
610-7-31-00-210.004 Disability Insurance	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
610-7-31-00-210.005 HRA	$ -	$ 9,293.09	$ 14,167.17	$ 16,867.95	$ 10,248.25	$ 18,808.49	$ 16,875.00	$ 16,875.00
610-7-31-00-210.006 Choice Care Admin Fees	$ -	$ 317.04	$ 540.56	$ 539.70	$ 522.70	$ 430.84	$ 570.00	$ 570.00
610-7-31-00-220.000 FICA/MEDI	$ 25,111.74	$ 22,024.36	$ 20,052.63	$ 22,114.97	$ 23,333.46	$ 23,781.58	$ 24,606.64	$ 24,787.38
610-7-31-00-230.000 VMERS Contributions	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
610-7-31-00-230.001 City Employer Pension	$ -	$ -	$ -	$ -	$ -	$ 27,001.40	$ 29,622.43	$ 29,849.24
610-7-31-00-250.000 Unemployment Comp	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
610-7-31-00-260.000 Workers' Comp	$ 19,498.12	$ 13,043.40	$ 10,350.70	$ 12,193.49	$ 16,344.02	$ 16,968.58	$ 23,578.52	$ 16,749.89
610-7-31-00-320.000 Professional Services	$ 10,045.00	$ 1,688.00	$ 6,475.00	$ 5,714.90	$ 33,368.41	$ 8,792.92	$ 20,000.00	$ 15,000.00
610-7-31-00-421.000 Trash Removal	$ 300.80	$ -	$ -	$ -	$ -	$ -	$ -	$ -
610-7-31-00-421.002 Disposal Fees	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
610-7-31-00-430.003 Repair & Maint - Bldgs	$ 1,989.92	$ -	$ 1,281.35	$ 147.56	$ 1,451.11	$ 1,888.05	$ 1,000.00	$ 1,000.00
610-7-31-00-430.006 Repair & Maint-Equip	$ 607.66	$ 2,888.63	$ 6,144.44	$ 5,565.74	$ 4,898.91	$ 690.16	$ 5,000.00	$ 5,000.00
610-7-31-00-441.000 Real Estate Lease	$ 9,000.00	$ 4,500.00	$ 4,500.00	$ 4,500.00	$ 5,250.00	$ 5,700.00	$ 5,000.00	$ 5,700.00
610-7-31-00-442.000 Rental Of Equipment	$ -	$ 1,500.00	$ -	$ 455.80	$ -	$ 585.16	$ -	$ -
610-7-31-00-442.001 Vehicle Lease	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
610-7-31-00-450.000 Construction Services	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
610-7-31-00-520.000 Liability Insurance	$ 500.00	$ 500.00	$ -	$ 1,000.00	$ 1,000.00	$ 5,382.87	$ 1,000.00	$ 5,000.00
610-7-31-00-530.000 Telephone	$ 253.77	$ 287.86	$ 1,614.51	$ 1,483.71	$ 1,782.12	$ 1,522.28	$ 1,500.00	$ 1,500.00
610-7-31-00-530.001 Cell Phones/Pagers	$ 520.28	$ 331.41	$ 198.81	$ 246.42	$ 263.24	$ 250.10	$ 300.00	$ 300.00
610-7-31-00-531.000 Postage	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
610-7-31-00-532.000 Training/Prof Development	$ 74.95	$ 149.00	$ -	$ -		$ -	$ 300.00	$ 300.00
610-7-31-00-610.003 Work Uniforms	$ 1,330.00	$ 1,078.83	$ 1,122.25	$ 630.80	$ 1,264.48	$ 1,370.83	$ 1,260.00	$ 1,260.00
610-7-31-00-610.009 Safety Supplies	$ 2,217.73	$ 3,006.57	$ 1,196.91	$ 3,759.90	$ 2,169.81	$ 2,035.37	$ 3,000.00	$ 3,000.00
610-7-31-00-610.026 Top Soil & Seed	$ -	$ -	$ 709.00	$ 568.26	$ 2,084.38	$ 3,182.62	$ 750.00	$ 3,000.00
610-7-31-00-610.027 Gravel Stone & Sand	$ 5,858.73	$ 8,154.54	$ 9,499.64	$ 12,365.75	$ 10,791.30	$ 8,982.95	$ 12,500.00	$ 12,500.00
610-7-31-00-610.030 Cold Patch	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
610-7-31-00-610.033 PVC Pipe & Fittings	$ 10,568.12	$ 20,311.11	$ 26,295.13	$ 14,328.77	$ 38,573.09	$ 18,203.81	$ 30,000.00	$ 25,000.00
610-7-31-00-610.035 Sewer Rods	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
610-7-31-00-610.037 CB Frames & Grates	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
610-7-31-00-610.038 Catch Basin Restoration	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
610-7-31-00-610.039 Manhole Frames & Covers	$ 968.93	$ 3,799.61	$ -	$ 8,646.55	$ 5,065.44	$ 11,942.34	$ 8,000.00	$ 8,000.00
610-7-31-00-610.040 Manhole Restoration	$ -	$ 1,446.88	$ 1,645.22	$ 564.01	$ -	$ -	$ 2,500.00	$ 2,500.00
610-7-31-00-610.041 Concrete & Precast	$ 1,962.65	$ 7,235.84	$ 6,930.19	$ 7,180.65	$ 6,775.48	$ 14,711.63	$ 9,500.00	$ 29,500.00
610-7-31-00-610.044 Tools	$ 978.26	$ 1,805.65	$ 1,470.20	$ 3,320.64	$ 1,271.43	$ 2,494.47	$ 2,000.00	$ 2,000.00
610-7-31-00-623.000 Propane	$ 3,755.97	$ 3,580.93	$ 2,682.30	$ 5,238.21	$ 4,469.31	$ 4,676.17	$ 4,540.00	$ 4,540.00
610-7-31-00-624.000 Fuel Oil	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
610-7-31-00-740.000 Machinery & Equipment	$ -	$ -	$ 809.95	$ 2,274.90	$ 1,863.16	$ 2,820.36	$ 4,000.00	$ 4,000.00
610-7-31-00-742.000 Vehicles	$ -	$ -	$ -	$ 32,537.00	$ -	$ 19,327.00	$ -	$ -
610-7-31-00-810.000 Depreciation Expense	$ 610,279.00	$ -	$ -	$ 610,069.00	$ -	$ -	$ -	$ -
TOTAL SEWER COLLECTION OPERATIONAL BUDGET	**$ 521,698**	**$ 499,315**	**$ 474,804**	**$ 543,191**	**$ 572,061**	**$ 601,560**	**$ 616,460**	**$ 634,533**

WWC OPERATIONAL BUDGET

WASTEWATER COLLECTION - TRANSFERS TO DPW

TRANSFERS TO DPW 600-7-99-00	FISCAL 2010 Actual	FISCAL 2011 Actual	FISCAL 2012 Actual	FISCAL 2013 Actual	FISCAL 2014 Actual	FISCAL 2015 Actual	FISCAL 2016 Budget	FISCAL 2017 Budget
892.002 Transfer Out - AdmDPW	$ 214,932	$ 212,061	$ 211,259	$ 220,064	$ 279,735	$ 307,427	$ 314,864	$ 341,641
892.004 Transfer Out -Equipment Maint.	$ 113,058	$ 113,700	$ 119,813	$ 132,651	$ 142,907	$ 149,117	$ 146,414	$ 137,565
Total Sewer Fund to DPW	$ 327,990	$ 325,761	$ 331,072	$ 352,715	$ 422,642	$ 456,544	$ 461,278	$ 479,206
Sewer Collection Share	**$ 163,995**	**$ 65,152**	**$ 66,214**	**$ 70,543**	**$ 84,528**	**$ 91,309**	**$ 92,256**	**$ 95,841**
Sewer Collection % Share	50%	20%	20%	20%	20%	20%	20%	20%

80/20 split with Wastewater Treatment since 2011

of DPW Administration
of DPW Equipment Maintenance in Streets Budget

WASTEWATER COLLECTION - DEBT

	FISCAL 2010 Actual	FISCAL 2011 Actual	FISCAL 2012 Actual	FISCAL 2013 Actual	FISCAL 2014 Actual	FISCAL 2015 Actual	FISCAL 2016 Budget	FISCAL 2017 Budget
ARRA (Stimulus) Crescent & West St Projects FY 11				$ 462,500	$ 443,514	$ 424,148	$ 404,395	$ 383,060
TOTAL BALANCE ON DEBT	$ -	$ -	$ -	**$ 462,500**	**$ 443,514**	**$ 424,148**	**$ 404,395**	**$ 383,060**
PRINCIPAL PAYMENTS								
ARRA (Stimulus) Crescent & West St Projects FY 11				$ 18,986	$ 19,366	$ 19,753	$ 20,148	$ 20,551
TOTAL PRINCIPAL PAYMENTS	$ -	$ -	$ -	**$ 18,986**	**$19,366**	**$19,753**	**$20,148**	**$20,551**
INTEREST PAYMENTS								
ARRA (Stimulus) 0% Interest Crescent & West St Projects FY 11				$ -	$ -	$ -	$ -	$ -
TOTAL INTEREST PAYMENTS	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
OTHER FEES								
ARRA (Stimulus) 2% Admin Fee Crescent & West St Projects FY 11				$ 9,226	$ 8,847	$ 8,459	$ 8,064	$ 7,661
TOTAL OTHER FEES	$ -	$ -	$ -	**$ 9,226**	**$ 8,847**	**$ 8,459**	**$ 8,064**	**$ 7,661**
TOTAL DEBT PAYMENTS				**$ 28,212**	**$ 28,212**	**$ 28,212**	**$ 28,212**	**$ 28,212**

WASTEWATER COLLECTION - CAPITAL PLANNING

Sewer Capital Improvements Fund	FISCAL 2010 Actual	FISCAL 2011 Actual	FISCAL 2012 Actual	FISCAL 2013 Actual	FISCAL 2014 Actual	FISCAL 2015 Actual	FISCAL 2016 Budget	FISCAL 2017 Budget
Sewer Capital Improvements								
Beginning Balance	$ -	$ -	$ -	$ 97,850	$ 102,050	$ 113,050	$ 179,729	$ 30,729
Appropriation	$ -	$ -	$ -	$ -	$ 65,000	$ 66,679	$ 65,000	$ 65,000
Sewer Allocation Fees	$ 6,225	$ -	$ -	$ 200	$ -	$ -		$ -
Interest Income	$ -	$ -	$ -	$ -	$ -	$ -		$ -
Expenditure	$ -	$ -	$ -	$ 4,000	$ (54,000)	$ -	$ (214,000)	$ (60,000)
Ending Balance	**$ -**	**$ -**	**$ -**	**$ 102,050**	**$ 113,050**	**$ 179,729**	**$ 30,729**	**$ 35,729**
Vehicles and Equipment								
Beginning Balance	$ -	$ -	$ -	$ -	$ -	$ -	$ 10,000	$ 20,000
Appropriation	$ -	$ -	$ -	$ -	$ -	$ 10,000	$ 10,000	$ 10,000
Interest Income		$ -	$ -	$ -	$ -	$ -	$ -	$ -
Expenditure	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Ending Balance	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ 10,000**	**$ 20,000**	**$ 30,000**

[1] Expenditures in FY16 have been updated to the latest estimate. The project for FY17 is the lining of additional trunk sewers.

SEWER COLLECTION CAPITAL PLAN Annual Funding	**$ -**	**$ -**	**$ -**	**$ -**	**$ 65,000**	**$ 76,679**	**$ 75,000**	**$ 75,000**
SEWER COLLECTION CAPITAL PLAN FUNDING BALANCE	**$ -**	**$ -**	**$ -**	**$ 102,050**	**$ 113,050**	**$ 189,729**	**$ 50,729**	**$ 65,729**

EQUIPMENT REPLACEMENT FUND

	FISCAL 2016	FISCAL 2017	FISCAL 2018	FISCAL 2019	FISCAL 2020
DPW starting balance	$ 115,243	$ 83,243	$ 57,243	$ 61,243	$ 65,243
Lease Streets backhoe #44	$ (21,000)	$ (21,000)	$ (21,000)	$ (21,000)	$ (21,000)
Purchase 1-ton dump sewer #25	$ (36,000)				
Purchase Replace for Van #12		$ (30,000)			
Refunding	$ 25,000	$ 25,000	$ 25,000	$ 25,000	$ 25,000
Ending Balance	**$ 83,243**	**$ 57,243**	**$ 61,243**	**$ 65,243**	**$ 69,243**