1910

105th ANNUAL REPORT



CHERRY VALLEY & ROCHDALE WATER DISTRICT

Ending June 30, 2015

OFFICERS OF THE DISTRICT June 30, 2015

WATER COMMISSIONERS

Michael L. DellaCava		May, 1995
Kevin M. Bergin		May, 2003
Arthur E.J. Levesque		May, 2003
Jennifer Wood	TREASURER	May, 2013
	ASSISTANT TREASURER	
Michael F. Knox	ASSISTANT TREASURER	May, 2013
	DISTRICT CLERK	
Carla A. Davis		May, 2012

OTHER OFFICERS WHO SERVED THE DISTRICT

*Hon. Channing Smith *J.A.B. Taylor *Charles E. Bigelow * Adelord LaBree *James J. Daley *Everett Carleton *Cornelius Leaflang *Chester Woodcock *Robert B. Taft *Francis D. Mainville *Ernest J. Titcomb *Arthur St.Germain *Michael A. Manning *Francis J. Nally *Stuart E. Gilbert *Douglas T. Cherry, Jr. *Richard A. Lemerise Thomas P. Wood Kenneth G. Soucie Ronald H. Benson *Robert J. Theirrien William E. Hallev *Charles J. Flagg Wayne J. Colby

May, 1910 to May, 1919 May 1919 to April, 1932 April 1932 to February, 1937 April, 1937 to April, 1938 April, 1938 to May, 1941 May, 1910 to June, 1934 February, 1935 to April, 1936 April, 1936 to May, 1941 May, 1941 to April, 1946 April, 1948 to April, 1951 May, 1910 to December, 1957 April, 1958 to April, 1961 May 1941, to March, 1964 April, 1951 to August, 1978 May, 1979 to May, 1984 April, 1961 to May, 1988 April, 1964 to May, 1988 May, 1988 to May, 1989 May, 1989 to May, 1992 May, 1984 to May, 1993 May, 1992 to May, 1995 May, 1988 to May, 1997 May, 1993 to January 2002 May, 1997 to May, 2003

DISTRICT CLERK

*Samuel Shepard *Robert A. Cutting *John Pucilauskas *Robert Cutting *Walter J. Kelley *Francis E. Kennedy Donald Gordon Emily Perkins Cynthia A. Garabedian Carla A. Davis May, 1910 to February, 1915 May, 1915 to May, 1941 April, 1941 to May, 1942 May, 1942 to May, 1949 April, 1949 to April, 1951 April, 1951 to May, 1975 May, 1975 to May, 1988 May, 1988 to May, 1995 May, 1995 to May, 2012 May, 2012

TREASURER

*Eldridge S. Carleton *Chester C. Woodcock *Mary J. Lackey *Walter J. Kelley *Margeret J. LaChasseur *Ruth D. Lemerise Stanley Zagorski Jennifer M. Wood May, 1910 to October, 1932 October, 1932 to April, 1936 April, 1936 to April, 1948 April, 1948 to April, 1949 April, 1949 to May, 1973 May, 1973 to May, 1992 May, 1992 to May, 2013 May, 2013

SUPERINTENDENT

*George E. Stimson *Robert A. Cutting *Everett A. LaBree *Michael A. Manning *Douglas T. Cherry, Jr. Robert Wilson Michael F. Knox October, 1910 to March, 1914 April, 1914 to November, 1949 April 1957 to June, 1960 July, 1960 to March, 1964 March, 1961 to February, 1977 February, 1977 to March, 1979 March, 1979

* Deceased

CHERRY VALLEY AND ROCHDALE WATER DISTRICT'S 105th ANNUAL REPORT PERIOD ENDING JUNE 30, 2015

To the people of the Cherry Valley and Rochdale Water District:

Greetings:

Your Board of Water Commissioners respectfully submits their 105th Annual Report for fiscal year ending June 30, 2015.

Sanitary Survey Update

On February 24, 2014 the District received the Sanitary Survey Report for the Sanitary Survey conducted by Massachusetts Department of Environmental Engineering (MassDEP) October 8, 2013. The report cited numerous deficiencies with operational, technical, financial and managerial procedures of which all have been addressed and corrected to the satisfaction of MassDEP. However, three of the cited deficiencies; "conduct and submit an updated hydraulic study to correct and resolve hydraulic pressure deficiencies throughout the distribution system, implement corrective action to prevent flooding in the chemical injection manhole located on the grounds of the Henshaw Water Treatment Plant and install booster chlorination stations at each standpipe location", will be added to the revised conditions listed within the MassDEP issued Administrative Consent Order (ACO). These deficiencies as well as the anticipated ACO revisions will be addressed as part of the overall capital improvement plan. As previously reported the District conducted a Pilot Study utilizing the existing Slow Sand Filtration Technology by incorporating a new treatment technology to operate in conjunction with the slow sand filters. Unfortunately the two technologies evaluated in the Pilot Study, the Miex[™] and GAC treatment, did not meet the District's expectations. Both systems underperformed in the removal of Total Organic Compounds (TOC). TOC removal is critical in resolving the elevated Total Trihalomethane levels experienced in the distribution system.

Administrative Consent Order Update (ACO)

The District continued to meet with MassDEP to study and evaluate available options that included the purchase of water from the City of Worcester (C.O.W.), the development of a new groundwater source, the construction of a new water treatment facility and financially share in the cost to develop Moose Hill Reservoir as a town-wide drinking water source. Results relating to the options evaluated included significant increases to the current rate structure, source supply limitations and site limitations. The two groundwater sources had limited capacity and the cost of development didn't support this type of source. The construction of new water treatment facility presented problems with the actual footprint of the new facility greater than the space available at the existing treatment facility. Sharing in the cost to develop the Moose Hill Reservoir included high capital costs, the overbearing regulations associated with the approval process and the uncertainty that the source could be use by this District.

To that end, MassDEP has instructed the District to initiate the process that would enable the District to purchase water from the C.O.W. The District has begun the process by preparing and submitting an Inter Basin Transfer Act Determination of Insignificance application to Massachusetts Department of Conservation and Recreation (MassDCR) and further associated with the construction of a permanent interconnection between the C.O.W. and the CVR Water District. MassDCR is the state regulatory agency charged with the initial review prior to submission to the Massachusetts Water Resource Commission (MassWRC) for review and action. The schedule developed with the scope of work for a permanent interconnection between the C.O.W. and the CVR Water District runs from March 2015 to May 2017. The Board of Water Commissioners has informed MassDEP that as part of the local requirements the District is required to schedule a Special District Meeting to revise, amend and restate the original March 2012 vote. The Board expects to schedule the Special District Meeting in November 2015.

Uni-Directional Flushing (UDF)

In June and July 2014, the District conducted the MassDEP mandated Unidirectional Flushing (UDF) throughout the distribution system. Prior to the UDF method the District would flush the distribution system systematically from one hydrant to the next starting from the water treatment plant to the ends of each service area with little to no impact to the water customers. However, as stated in the customer direct mailed public notices, the UDF process is an extremely aggressive method of flushing the distribution system providing positive benefits by enhancing water quality, help maintain chlorine residuals throughout the distribution system and verify proper operation of hydrants and valves. The District's goal was to complete the UDF process with as little impact as possible to the water customer and for the most part that goal was achieved with the exception of an isolated section of the Rochdale service area.

Apparently, sediment from the UDF process entered the Greenville Water Storage Tank resulting in the need to drain and clean the tank. This work was completed in November 2014. Additionally, customers in the isolated section of the Rochdale service area experienced long term rusty water. This issue was resolved in December 2014. In response to the problems experienced in the implementation of the UDF program, the District's staff has incorporated revisions to

the process to eliminate and or minimize the impacts experienced in the 2014 program. The first of two UDF flushing cycles will begin in May, June and July 2015.

May 1, 2015 Water Rate Increase

The Board of Water Commissioners implemented the third year of a ten year water rate increase program. In 2015 water rates will increase 7%. The ten year rate increase was presented in detail at the March 15, 2012 Public Informational Meeting.

Water Truck Update

The new 2015 F-250 four wheel water truck was delivered to the District in September 2014. The District's staff completed the transfer of equipment and emergency lighting. The truck was placed in service within two weeks upon receipt.

Annual Financial Audit

The annual financial audit was conducted by the firm of Robert C. Alario, MA for years ending June 30, 2013 and 2014. The audit concluded that the District continues to demonstrate excellent financial accountability.

The Board extends special thanks to Ms. Carla Davis and the Commissioners of the Cherry Valley Sewer District. The cooperative and sharing of resources between the water and sewer Districts has been a positive experience benefitting not only the District staff in its daily operation but more importantly the residents of the Districts that rely on the water and sewer services.

Ms. Jennifer Wood, the District's Treasurer. Jen is wrapping up her second year as Treasurer has done a most commendable job. Thank you Jen!

Mr. Michael Knox, Superintendent, with 38 years of service, Mr. Roger Bouley, Operator, with 14 years of service and Mr. Benjamin Morris, Operator, with 5 years of service continue to serve the District in a professional and workmanlike manner in the operation and maintenance of the water treatment facility and distribution system. Thank you Mike, Roger and Ben!

We would like to thank Tata & Howard, Inc. with 27 years' service to the District as the District's Water Consultant Engineers, Attorney Barry Bachrach with 13 years of service to the District for their continued valued service to the District and welcome the firm of Robert C. Alario, MA to the District as the District's Auditor.

Respectfully submitted,

Kevin M. Bergin, Chairman Arthur E. J. Levesque, Commissioner Michael L. Della Cava, Sr. Commissioner

Monthly Record Of Water Pumped In 2014

January	7,246,879	July	8,717,606	
February	6,770,003	August	7,986,955	
March	7,306,769	September	7,938,762	
April	6,936,909	October	8,303,587	
May	7,712,427	November	7,480,769	
June	10,070,399	December	8,261,473	
Total In 2	014	94,732,478 gallons = Avg. of	259,512 gpd	
Total In 2	013	86,895,206 gallons = Avg. of	238,704 gpd	
Total In 2	012	12 94,593,722 gallons = Avg. of 259,16 gpd		
Total In 2	In 2011 87,852,400 gallons = Avg. of 240,692 gpd		240,692 gpd	
Total In 2	010	97,987,000 gallons = Avg. of	268,458 gpd	
Hydrant	Cherry Valley	78		
	Rochdale	70		
	Oxford	11		
	Total	159		
Sprinklers in twelve businesses supplying + 10,470 heads				

Maximum day pumped = 479,580 (June 10, 2014)

Maximum week pumped + 2,14,695 (June 15 through 21, 2014)

CHERRY VALLEY AND ROCHDALE WATER DISTRICT STATEMENTS OF NET ASSETS JUNE 30, 2014 AND 2013 ASSETS

	<u>2014</u>	<u>2013</u>
CURRENT ASSETS		
Cash and Cash Equivalents	\$ 732,206	\$ 577,711
Accounts Receivable	42,924	36,092
Water Liens Receivable	12,148	5,616
Prepaid Expenses	28,871	10,370
TOTAL CURRENT ASSETS	816,149	629,789
CAPITAL ASSETS, NET	3,420,784	3,568,557
TOTAL ASSETS	\$ 4,236,933	\$ 4,198,346
LIABILITIES AN	D NET ASSETS	
	2014	<u>2013</u>
CURRENT LIABILITIES	2014	2013
Accounts Payable	\$-	\$ 7,886
Accrued Expenses	¥ 43,187	33,056
Current Portion of Long-Term Debt	464,256	66,302
Current i officit of Long Term Debt		00,002
TOTAL CURRENT LIABILITIES	507,443	107,244
TOTAL CORRENT LIABILITIES		107,244
LONG-TERM LIABILITIES		
Long Torm Dabt Not of Current Partian	4 975 474	1 500 710
Long-Term Debt, Net of Current Portion	1,275,471	1,588,719
	4 700 044	4 005 000
TOTAL LIABILITIES	1,782,914	1,695,963
NET ASSETS		
		45.007
Reserved	15,007	15,007
Unreserved	2,439,012	2,487,376
TOTAL NET ASSETS	2,454,019	2,502,383
TOTAL LIABILITIES AND NET ASSETS	\$ 4,236,933	\$ 4,198,346

CHERRY VALLEY AND ROCHDALE WATER DISTRICT STATEMENTS OF REVENUES, EXPENSES AND CHANGES IN NET ASSETS FOR THE YEARS ENDED JUNE 30, 2014 AND 2013

	<u>2014</u>	<u>2013</u>
OPERATING REVENUE		
Water Revenues - Net of Refunds	\$ 1,093,446	\$ 919,943
Penalties Invoiced Customers	17,639	16,748
Other Revenue	336	1,277
TOTAL OPERATING REVENUE	 1,111,421	 937,968
OPERATING EXPENSES		
Payroll and Related Expenses	253,923	323,374
Depreciation	149,773	152,549
Supplies and Materials	79,383	72,509
Water Treatment and Lab Fees	53,572	62,789
Insurance and Surety Bond	63,187	62,286
Outside Services	53,826	52,769
Utilities	54,532	46,703
Dues	37,885	34,284
Professional Services	22,296	21,734
Loan Fees	1,513	-
Other Operating Expenses	 20,204	 14,375
TOTAL OPERATING EXPENSES	 790,094	 843,372
OPERATING PROFIT	321,327	94,596
NON-OPERATING REVENUE (EXPENSE)		
Grant Revenue	-	35,098
Subsidy Revenue	36,373	39,720
Tower Rental	17,312	16,808
Interest Income	1,547	966
Water System Upgrades	(364,983)	(181,504)
Interest Expense	 (59,940)	 (53,367)
TOTAL NET NON-OPERATING REVENUE (EXPENSE)	 (369,691)	 (142,279)
CHANGES IN NET ASSETS	(48,364)	(47,683)
NET ASSETS, BEGINNING OF YEAR	 2,502,383	 2,550,066
NET ASSETS, END OF YEAR	\$ 2,454,019	\$ 2,502,383

CHERRY VALLEY AND ROCHDALE WATER DISTRICT STATEMENTS OF CASH FLOWS FOR THE YEARS ENDED JUNE 30, 2014 AND 2013

CASH FLOWS FROM OPERATING ACTIVITIESReceived from Customers\$ 1,086,615\$ 904,207Grant and Subsidy Revenue36,373110,201Other Operating Revenue11,44318,503Tower Rental Income17,31216,808Paid to Employess and Professional Contractors for Services(297,618)(384,079)Paid to Suppliers for Goods and Services(412,645)(454,690)NET CASH PROVIDED BY OPERATING ACTIVITIES441,481210,950CASH FLOWS FROM CAPITAL AND RELATED FINANCING ACTIVITIES1,547966Acquisition of Fixed Assets(2,000)-Borrowings of Short-Term Debt413,811-Paravisan of Lang Torm Debt262,047		<u>2014</u>	<u>2013</u>
Grant and Subsidy Revenue36,373110,201Other Operating Revenue11,44318,503Tower Rental Income17,31216,808Paid to Employess and Professional Contractors for(297,618)(384,079)Paid to Suppliers for Goods and Services(412,645)(454,690)NET CASH PROVIDED BY OPERATING ACTIVITIES441,481210,950CASH FLOWS FROM CAPITAL AND RELATED FINANCING ACTIVITIES1,547966Acquisition of Fixed Assets(2,000)-Borrowings of Short-Term Debt413,811-	CASH FLOWS FROM OPERATING ACTIVITIES		
Other Operating Revenue11,44318,503Tower Rental Income17,31216,808Paid to Employess and Professional Contractors for297,618)(384,079)Paid to Suppliers for Goods and Services(412,645)(454,690)NET CASH PROVIDED BY OPERATING ACTIVITIES441,481210,950CASH FLOWS FROM CAPITAL AND RELATED FINANCING ACTIVITIES1,547966Acquisition of Fixed Assets(2,000)-Borrowings of Short-Term Debt413,811-	Received from Customers	\$ 1,086,615	\$ 904,207
Tower Rental Income Paid to Employess and Professional Contractors for Services17,31216,808Paid to Suppliers for Goods and Services(297,618)(384,079)Paid to Suppliers for Goods and Services(412,645)(454,690)NET CASH PROVIDED BY OPERATING ACTIVITIES441,481210,950CASH FLOWS FROM CAPITAL AND RELATED FINANCING ACTIVITIES1,547966Acquisition of Fixed Assets(2,000)-Borrowings of Short-Term Debt413,811-	Grant and Subsidy Revenue	36,373	110,201
Paid to Employess and Professional Contractors for Services(297,618)(384,079)Paid to Suppliers for Goods and Services(412,645)(454,690)NET CASH PROVIDED BY OPERATING ACTIVITIES441,481210,950CASH FLOWS FROM CAPITAL AND RELATED FINANCING ACTIVITIES1,547966Acquisition of Fixed Assets(2,000)-Borrowings of Short-Term Debt413,811-	Other Operating Revenue	11,443	18,503
Services(297,618)(384,079)Paid to Suppliers for Goods and Services(412,645)(454,690)NET CASH PROVIDED BY OPERATING ACTIVITIES441,481210,950CASH FLOWS FROM CAPITAL AND RELATED FINANCING ACTIVITIES441,481966Interest Income1,547966Acquisition of Fixed Assets(2,000)-Borrowings of Short-Term Debt413,811-		17,312	16,808
Paid to Suppliers for Goods and Services(412,645)(454,690)NET CASH PROVIDED BY OPERATING ACTIVITIES441,481210,950CASH FLOWS FROM CAPITAL AND RELATED FINANCING ACTIVITIES1,547966Interest Income1,547966Acquisition of Fixed Assets(2,000)-Borrowings of Short-Term Debt413,811-		(297.618)	(384.079)
CASH FLOWS FROM CAPITAL AND RELATED FINANCING ACTIVITIESInterest Income1,547Acquisition of Fixed Assets(2,000)Borrowings of Short-Term Debt413,811			, , ,
CASH FLOWS FROM CAPITAL AND RELATED FINANCING ACTIVITIESInterest Income1,547Acquisition of Fixed Assets(2,000)Borrowings of Short-Term Debt413,811	NET CASH PROVIDED BY OPERATING ACTIVITIES	441.481	210.950
FINANCING ACTIVITIESInterest Income1,547966Acquisition of Fixed Assets(2,000)-Borrowings of Short-Term Debt413,811-	-	<u> </u>	
Acquisition of Fixed Assets(2,000)-Borrowings of Short-Term Debt413,811-			
Borrowings of Short-Term Debt 413,811 -	Interest Income	1,547	966
	Acquisition of Fixed Assets	(2,000)	-
Demoving of Long Torm Dobt	Borrowings of Short-Term Debt	413,811	-
Borrowings of Long-Term Debt - 303,947	Borrowings of Long-Term Debt	-	363,947
Principal Paid on Long-Term Debt(116,159)(88,236)	Principal Paid on Long-Term Debt	(116,159)	(88,236)
Principal Paid on Short-Term Debt (212,947) (372,000)	Principal Paid on Short-Term Debt	(212,947)	(372,000)
Water System Upgrades (311,298) -	Water System Upgrades	(311,298)	-
Interest Paid on Long-Term Debt (53,367) (53,367)	Interest Paid on Long-Term Debt	(59,940)	(53,367)
NET CASH USED FOR CAPITAL AND RELATED	NET CASH USED FOR CAPITAL AND RELATED		
FINANCING ACTIVITIES (286,986) (148,690)	FINANCING ACTIVITIES	(286,986)	(148,690)
NET CHANGES IN CASH AND CASH EQUIVALENTS154,49562,260	NET CHANGES IN CASH AND CASH EQUIVALENTS	154,495	62,260
CASH AND CASH EQUIVALENTS, BEGINNING OF YEAR577,711515,451	CASH AND CASH EQUIVALENTS, BEGINNING OF YEAR	577,711	515,451
CASH AND CASH EQUIVALENTS, END OF YEAR \$ 732,206 \$ 577,711	CASH AND CASH EQUIVALENTS, END OF YEAR	\$ 732,206	\$ 577,711
Reconciliation of Operating Loss to Net Cash Provided by Operating Activities:	· · · · · · · · · · · · · · · · · · ·		
Operating Profit \$ 321,327 \$ 94,596		\$ 321,327	\$ 94,596
Adjustments to Reconcile Operating Loss to Net Cash Provided by			
Operating Activities:	-		
Changes in Assets and Liabilities:			
Depreciation 149,773 152,549	-	149,773	152,549
Accounts Receivable (6,832) 15,735	Accounts Receivable	(6,832)	15,735
Grants Receivable - (35,383)	Grants Receivable	-	(35,383)
Water Liens Receivable (6,532) (478)	Water Liens Receivable	(6,532)	(478)
Prepaid Expenses (18,501) (3,112)	Prepaid Expenses	(18,501)	(3,112)
Accounts Payable (7,886) (5,021)			· · · ·
Accrued Expenses 10,131 (7,936)	-	10,131	· · · ·
Total Adjustments 120,153 116,354	Total Adjustments	120,153	116,354
NET CASH PROVIDED BY OPERATING ACTIVITIES \$ 441,481 \$ 210,950	NET CASH PROVIDED BY OPERATING ACTIVITIES	\$ 441,481	\$ 210,950

CHERRY VALLEY AND ROCHDALE WATER DISTRICT FISCAL YEAR, 2016 BUDGET

ACCOUNT		FY 2015 APPROVED		FY 2016 PROPOSED
ABATEMENTS	\$	100.00	\$	100.00
ACCOUNTING	ŝ	15,000.00	Ś	12,000.00
BANK FEES	Š	2,200.00	Ŝ	2,200.00
CHEMICAL SUPPLIES	Š	45,980.00	\$	47,000.00
CONSULTING SERVICE	Ψ ¢	10,300.00	Ψ \$	10,300.00
CONTINUING ED	\$ \$ \$ \$ \$	3,200.00	\$\$\$\$	5,431.74
MA DEP-U.S. EPA MANDATES	Ψ	5,200.00	Ψ	5,451.74
CONSUMER CONFIDENCE REPORT	\$	1,000.00	¢	1,000.00
DEP SDWA ASSESSMENT	ֆ \$	850.00	\$ \$	850.00
	φ	050.00	Φ	650.00
LEAK DETECTION AND	۴	2 000 00	¢	E 004 74
STANDPIPE INSPECTIONS	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$	3,000.00	\$	5,231.74
MASTER METERS CALIBRATION	\$	-	\$	-
PUBLIC EDUCATION	\$	500.00	\$	500.00
ELECTRICITY	\$	28,000.00	\$	32,000.00
FIELD SUPPLIES	\$	5,000.00	\$	5,150.00
HEAT	\$	15,000.00	\$	15,450.00
INSURANCE	\$	92,000.00	\$	92,000.00
LAB WORK	\$	18,300.00	\$	21,000.00
LEGAL ADVERTISING	\$	1,200.00	\$	1,200.00
LEGAL FEES	\$	9,500.00	\$	10,000.00
LICENSE FEES	\$	1,650.00	\$	1,900.00
METERS			\$	9,025.00
MISCELLANEOUS	\$	200.00	\$	200.00
MOTOR VEHICLE EXP	\$	14,000.00	\$\$\$\$\$\$\$\$\$\$\$\$\$\$\$\$\$	15,000.00
OFFICE SUPPLY	\$	23,978.40	\$	24,697.76
OFFICER'S SALARY	\$	16,225.97	\$	7,000.00
PAYROLL	\$ \$	264,710.00	\$	273,000.00
PIPES	\$	7,500.00	Ś	10,291.67
POSTAGE	Ś	13,781.40	Ś	13,781.40
PROPERTY TAX	\$ \$	4,300.00	Ŝ	4,300.00
REPAIR/MAINT	Š	10,494.23	Ŝ	13,375.72
RETIREMENT	\$ \$ \$	37,820.00	\$	37,000.00
SERVICE AGREETMENT	Š	24,000.00	\$	24,000.00
SMALL TOOLS	\$	3,300.00	\$	3,400.00
SUB CONTRACTORS	•	36,330.00	\$	39,986.57
TECHNOLOGY	Ψ ¢	22,300.00	Ý Ý	15,300.00
TELEPHONE	\$ \$ \$	7,820.00	\$ \$	8,054.40
Sub Total A	\$	739,540.00	\$	761,726.00
Sub Total A	φ	739,340.00	φ	701,720.00
Debt Service				
MA Water Pollution Abatement Trust	¢	54,758.52	\$	91,962.76
USDA-RD	Ψ Φ	30,597.00	Ψ Φ	24,732.00
USDA-RD	\$ \$ \$	6,456.00	\$ \$ \$ \$ \$ \$	6,456.00
WTF Loan	φ Φ	50,000.00	ф Ф	-
	\$ \$,	φ Φ	50,000.00
Reserve Sub Total P		20,000.00		25,000.00
Sub Total B	\$	161,811.52	\$	198,150.76
Required Revenue (A+B)	\$	901,351.52	\$	959,876.76
Projected Revenue		,108,896.33		1,179,144.60
(Deficit)/Surplus	\$	207,544.81	\$	219,267.84

CHERRY VALLEY AND ROCHDALE WATER DISTRICT

FY 2016 REVENUE PROJECTIONS

REVENUE

Water Receipts	\$	858,621.56
Fees	\$	15,998.23
Past Due	\$	245,171.61
Repairs, Fire, New Hookups	\$	37,237.80
Cell Tower Rental	\$	13,293.97
Liens	\$	7,986.40
Misc. Income	\$	124.54
Interest Income	\$	710.49
TOTAL INCOME	\$ ·	1,179,144.60

FY 2016 BUDGET PROJECTIONS

BUDGET

Operating Budget	\$761,726.00
Debt Service FY'16	
Mass W P A Trust #1	\$ 53,863.85
Mass W P A Trust #2	\$ 38,098.91
USDA-RD Loan # 1	\$ 24,732.00
USDA-RD Loan # 12	\$ 6,456.00
WTF Loan	\$ 50,000.00
Reserve	\$ 25,000.00
TOTAL EXPENSES	\$959,876.76

FY 16 BUDGET SUMMARY

Operating Budget Debt Service (Total) Reserve	<pre>\$ 761,726.00 \$ 173,150.76 \$ 25,000.00</pre>
Total Revenue Required	\$ 959,876.76
Projected Revenue (Deficit)/Surplus	\$ 1,179,144.60 \$ 219,267.84

COMMONWEALTH OF MASSACHUSETTS CHERRY VALLEY AND ROCHDALE WATER DISTRICT WARRANT ANNUAL DISTRICT MEETING

To: Carla A. Davis, District Clerk Cherry Valley and Rochdale Water District

Greetings:

You are hereby directed to notify the VOTERS of the Cherry Valley and Rochdale Water District to meet in the Leicester Town Hall Auditorium, 3 Washburn Square, Leicester, Massachusetts 01524, on Thursday, the twenty-first day of May, two thousand and fifteen (May 21, 2015) at seven-thirty P.M. (7:30 P.M.), then and there to act on the following articles:

- ONE: To elect a Moderator to preside at said meeting and for a period of one (1) year thereafter.
- TWO: To act on the reports of the District.
- THREE: To elect the following officers by ballot:

A District Commissioner to hold office for a period of three (3) years.

- FOUR: To see if the District will vote to raise and appropriate, transfer from available funds or free cash, or otherwise provide a sum of money, or any other sum, from any available funding source or other available means, for the operating budget for fiscal year 2016, to provide for the District's annual operating requirements, including but not limited to, salaries, related services, office expenses, maintenance, construction and any other items related thereto; to execute any instruments or documents necessary or appropriate to accomplish said purposes; or take any action in relation thereto.
- FIVE: To see if the District will raise and appropriate, transfer from available funds or free cash or otherwise provide, a sum of money, or any other sum, to create a reserve account, or take any action in relation thereto.
- SIX: To see if the District will vote to authorize the Board of Water Commissioners to establish a fund to receive and deposit fees paid pursuant to Chapter 105 of the Acts of 1996, and, from which expenditures may be made by the Board of Water Commissioners for legal services, administrative services and engineering services (including but not limited to, design, plan review, and inspection of the project being constructed) in connection with any water system design, review, and construction, or to take any action thereon.
- SEVEN: To see if the District will vote to authorize the Board of Water Commissioners to establish a fund to receive and deposit fees paid pursuant to Chapter 105 of the Acts Of 1996, and, from which expenditures may be made by the Board of Water Commissioners for the purchase and installation of water meters or take any action thereon.
- EIGHT: To see if the District will vote to authorize the Board of Water Commissioners to establish a fund to receive and deposit fees paid pursuant to Chapter 105 of the Acts of 1996, and, from which expenditures may be made by the Board of water Commissioners for the purchase and rental of supplies and equipment associated with the District's Service Termination Process, including but not limited to construction and excavation equipment rental, police details, backfill materials such as processed gravel and sand, asphalt, pipe, fittings and appurtenances or take any action thereon.
- NINE: To see if the District will vote to raise and appropriate, transfer from available funds or free cash, or otherwise provide a sum of money, or any other sum, from any available funding source or other available means, or otherwise provide a sum of money as may be necessary

to enable the District to replace main line gate valves, at the intersections of Lexington Avenue and Bunker Hill Road and at the intersection of Peter Salem Road and Bunker Hill Road, including but not limited to construction and excavation equipment rental, police details, backfill materials such as processed gravel and sand, asphalt, pipe, fittings and appurtenances or take any action thereon.

- TEN: To see if the District will vote to accept certain provisions of chapter thirty-two B of the General Laws as outlined therein, authorizing the district to provide a plan of contributory group life insurance, group accidental death and dismemberment insurance, and group general or blanket hospital, surgical, medical, dental or other health insurance for certain persons in the service of such district and their dependents, or to take any other action thereon.
- ELEVEN: To see if the District will vote to accept section 7 of chapter thirty-two B of the General Laws, authorizing the district to pay one-half the premium costs payable by a retired employee and their dependents for group life insurance, group accidental death and dismemberment insurance, and group general or blanket hospital, surgical, medical, dental or other health insurance, or take any other action thereon.
- TWELVE: To see if the District will vote to accept section 9D of chapter thirty-two B of the General Laws, authorizing the District to pay one-half the premium costs payable by the surviving spouse of an employee or retired employee for group general or blanket hospital, surgical, medical, dental or other health insurance, or take any action thereon.
- THIRTEEN: To see if the District will vote, pursuant to section 7A of Chapter thirty-two B of the General Laws, to pay a subsidiary or additional rate in addition to the payment of fifty per cent of a premium for contributory group general or blanket hospital, surgical, medical, dental or other health insurance for certain persons in the service of such district and their dependents, or take any action thereon.
- FOURTEEN: To see if the District will vote to require all retirees, their spouses and dependents who are enrolled in Medicare Part A at no cost to the retiree, their spouses or dependents, or eligible for coverage thereunder at no cost to a retiree, their spouse or dependents, be required to enroll in a Medicare health benefits supplement plan offered by the District, or take any action thereon.

You are hereby directed to serve this WARRANT by posting an attested copy at the Leicester Fire Department, Company No. 2, 226 Main Street, Cherry Valley, MA; Rochdale Post Office, 1138 Stafford Street, Rochdale, MA; at the Church Building, 672 Pleasant Street, Rochdale, MA; at the Leicester Town Hall and the Oxford Town Hall seven (7) days at least before said meeting.

Given under our hands, this twenty-seventh (27th) day of April, in the year of Our Lord, two thousand fifteen.

Respectfully submitted, A TRUE COPY, ATTEST: Kevin M. Bergin, Chairman Arthur E.J. Levesque, Carla A. Davis, District Clerk Commissioner Michael L. DellaCava, Commissioner (SEAL) "This institution is an equal opportunity provider and employer"

CHERRY VALLEY & ROCHDALE WATER DISTRICT RECORD OF VOTE – 104th ANNUAL MEETING MAY 15, 2014

A meeting of the Cherry Valley and Rochdale Water District was held at the Leicester Town Hall, 3 Washburn Square, Leicester, MA 01524, on Thursday May 15, 2014. Twenty-five (25) were in attendance, all of who were eligible voters.

The Annual Meeting was called to order at 7:32 p.m. by Mr. Victor Taylor. A motion was made and seconded to waive the reading of the Annual Warrant, for it is published on pages 14 through 17 of the 104th Annual Report, which was in the hands of the voters.

VOTED: UNANIMOUS. APPROVED.

ARTICLE I - MODERATOR

A motion was made and seconded to nominate **Mr. Victor Taylor** to the position of **Moderator** to preside at said meeting and for a term of one (1) year. **VOTED: UNANIMOUS. APPROVED.**

ARTICLE II – PRINTED REPORTS

A motion was made and seconded to accept the **Printed Reports** of the Commissioners and District Treasurer, which were included in the 104th Annual Report.

VOTED: UNANIMOUS. APPROVED.

The Following Officers Were Elected:

ARTICLE III - ELECTION OF OFFICERS

District Clerk For One Year: VOTED: UNANIMOUS. APPROVED.	Ms. Carla A. Davis
District Treasurer For One Year: VOTED: UNANIMOUS. APPROVED.	Ms. Jennifer M. Wood
District Commissioner For Three (3) Years: VOTED: UNANIMOUS. APPROVED.	Mr. Kevin M. Bergin

ARTICLE IV - FY 15 BUDGET

A motion was made and seconded, and the district voted to appropriate from available funds (water revenue) the sum of **Seven hundred and thirty nine thousand, five hundred and forty dollars (\$739,540.00)**, for the operating budget for Fiscal Year 2015, to provide for the district's annual operating requirements, including but not limited to, salaries, related services, office expenses, maintenance, construction and any other items related thereto; to execute any instruments or documents necessary or appropriate to accomplish said purposes, as printed on pages <u>11</u> and <u>12</u> in the 104th Annual Report.

VOTED: MAJORITY VOTE APPROVED.

ARTICLE V - RESERVE ACCOUNT

A motion was made and seconded and the district voted to appropriate the sum of **Twenty- Thousand Dollars** (\$20,000.00) from available funds (water revenue) to create a reserve account. VOTED: UNANIMOUS. APPROVED.

ARTICLE VI – REVOLVING FUND FOR CONSTRUCTION REVIEW

A motion was made and seconded and the district voted to authorize the Board of Water Commissioners to establish a fund to receive and deposit fees paid pursuant to Chapter 105 of the Acts of 1996, and, from which expenditures may be made by the Board of Water Commissioners for legal services, administrative services, and engineering services (including but not limited to, design, plan review, and inspection of the project(s) being constructed) in connection with any water system design, review, and construction.

VOTED: UNANIMOUS. APPROVED.

ARTICLE VII - REVOLVING FUND FOR WATER METERS

A motion was made and seconded, and the district voted to authorize the Board of Water Commissioners to establish a fund to receive and deposit fees paid pursuant to Chapter 105 of the Acts of 1996, and, from which, expenditures may be made by the Board of Water Commissioners, for the purchase and installation of water meters. **VOTED: UNANIMOUS. APPROVED.**

ARTICLE VIII - REVOLVING FUND FOR TERMINATION

A motion was made and seconded, and the district voted to authorize the Board of Water Commissioners to establish a fund to receive and deposit fees pursuant to Chapter 105 of the Acts of 1996, and, from which expenditures may be made by the Board of Water Commissioners for the purchase and rental of supplies and equipment associated with the District's Service Termination Process, including but not limited to construction and excavation equipment rental, police details, backfill materials such as processed gravel and sand, asphalt, pipe, fittings and appurtenances. **VOTED: UNANIMOUS. APPROVED.**

ARTICLE IX - F-250 PICK-UP TRUCK

A motion was made and seconded and the District voted to appropriate from free cash the sum of **Forty four thousand, seven hundred and forty dollars (\$44,740.00)** to enable the District to purchase a 2015, three-quarter ton, four wheel drive pick-up truck, equipped with, but not limited to, plow and material spreader attachments and associated warning systems.

VOTED: UNANIMOUS. APPROVED.

ARTICLE X - BY-LAW AMENDMENT – ARTICLE XI

A motion was made and seconded and the District voted to amend Article XI-Meetings of the Cherry Valley and Rochdale Water District By-Laws, by deleting the word "fifteen" (15) and replacing it with the word "ten" (10). (A copy of said By-Law revision is in the hands of the voters).

VOTED: MAJORITY VOTE APPROVED.

ARTICLE XI - BY-LAW AMENDMENT - ARTICLE XII

A motion was made and seconded and the District voted to amend Article XII-Elections of the Cherry Valley and Rochdale Water District By-Laws, by deleting the words "treasurer, clerk and". (A copy of said By-Law revision is in the hands of the voters).

VOTED: UNANIMOUS. APPROVED.

ARTICLE XII - BY-LAW AMENDMENT – ARTICLE II

A motion was made and seconded and the District voted to amend Article II- Officers and Superintendent of the Cherry Valley and Rochdale Water District By-Laws, by deleting the words "and a clerk, treasurer" and further delete the "period" following the word superintendent and further add the following words "and shall appoint a treasurer and clerk". (A copy of said By-Law revision is in the hands of the voters). **VOTED: UNANIMOUS. APPROVED.**

The meeting adjourned at 8:20 p.m.

I, Carla A. Davis, hereby certify that this is a true and accurate record of vote taken by the voters of the Cherry Valley and Rochdale Water District at the Annual Meeting, May 15, 2014.

A TRUE COPY ATTEST:

CARLA A. DAVIS DISTRICT CLERK

(SEAL)

SALARIES OF ELECTED OFFICIALS FY 2015

1 CHAIRMAN	\$2,013.73	Annually
2 COMMISSIONERS	\$1,913.73	Annually
1 CLERK	\$ 811.50	Annually

WATER RATES Effective May 1, 2015

The minimum charge for all un-metered services shall be **\$62.90** per month.

The first 235 cubic feet	\$44.38
All in excess of 235 cubic feet But not greater than 1000 cubic feet	\$10.21/100 cubic feet
All in excess of 1000 cubic feet but Not greater than 1500 cubic feet	\$11.09/100 cubic feet
All in excess of 1500 cubic feet but Not greater than 2000 cubic feet	\$11.98/100 cubic feet
All in excess of 2000 cubic feet	\$12.87/100 cubic feet

Payments may be made by mail to:

Cherry Valley and Rochdale Water District P.O. Box 138 Rochdale, MA 01542-0138

NOTE: All payments are due and payable on the 15th of each month. After the 15th, a late fee of \$5.00 is charged.

Current water bills are considered to be delinquent after the due date. Past due or delinquent accounts are subjected to termination of service. All bills in arrears are considered to be delinquent and appear hereon as a second notice.

If service is terminated, a \$71.00 re-connection fee is required prior to restoring service. Additionally, it is the right of the District to charge any customer receiving demand notices an additional \$9.00 penalty fee. NO DISCOUNTS AVAILABLE.

STATISTICS CHERRY VALLEY & ROCHDALE WATER DISTRICT

Supplying the Villages of Cherry Valley, Greenville and Rochdale, all within the Town of Leicester and extensions to Comins Road, Wells Street and Pleasant Street, all located within the Town of Oxford.

Charter (Chapter 381, Acts of 1910) accepted April 20, 1910. Charter amended May 29, 1996, Chapter 105, Act of 1996.

First Officers elected May 19, 1910.

Old systems in Cherry Valley installed by Leicester Water District in 1894 and 1895. This section was purchased in 1910 and looped into a new system.

A new system was installed in Cherry Valley in 1910. The systems in Rochdale and Greenville, plus the pumping stations and both standpipes were built in 1910.

Population supplied by the Cherry Valley and Rochdale Water District is estimated at 4,000.

Henshaw Reservoir has a storage capacity of 97, 700, 00 gallons and a safe yield of 375,000 gallons per day.

Grindstone Well has a safe yield of 115,000 gallons per day and was activated March 21, 2002.

Pumping to three covered standpipes. Two steel constructed tanks located in Cherry Valley with a combined capacity of 500,000 gallons. One concrete constructed tank located in Greenville with a 500,000 gallon capacity. Built on the same level and connected directly with entire system, the three standpipe system provides a total storage capacity of one million gallons.

Pipes - Main cast iron 6", 8" and 12" (16 miles)

Small pipes - Cement lined, galvanized iron and 3" cast iron.

Services - Galvanized pipe, cement lined pipe and copper tubing. (Plastic tubing not permitted).

Original construction Bonds - paid in December 1938

Pipe line construction Notes - paid in February 1939

Last District Tax Assessed - 1933

All Notes, etc., due since have been paid from Water Revenue.

Two Goulds Centrifugal High Lift Pumps. Capacity 500 GPM.

Two Baldor 30HP Electric Motors to operate High Lift Pumps.

Two Goulds Centrifugal Low Lift Pumps Capacity 500 GPM.

Two Baldor 71/2 HP Electric Motors to operate Low Lift Pumps.

One Kohler Power Systems 125 KVA Diesel Driven Automatic Standby Generator which provides full power to operate the treatment facility in the event of a power failure.

One 500,000 GPD Lowry Treatment System for the removal of Arsenic, Uranium and Radon.

Citect SCADA System to control and monitor the operation of the Water Treatment Facility.

One 2012 Ford F150 Four-Wheel Drive Pick-up Truck.

One 2015 Ford F250 Four-Wheel Drive Pick-up Truck with Plow and Sander.

One Foxboro Flow Meter, Electronic Type, which records on a 24-hour chart the time the Raw and Finish (Henshaw Water Treatment Facility) water pumps start and shut off, the exact gallons pumped per minute, plus the total gallons pumped per day.

One Foxboro Flow Meter, Electronic Type, which records on a 24-hour chart the time the Raw (Grindstone Water Treatment Facility) water pumps start and shut off, the exact gallons pumped per minute, plus the total gallons pumped per day.

Four Superior cylinder mounted Chlorinators. This is a vacuum type solution feed Chlorinator which gives a precise control of chlorine gas feed rate.

Four Milton Roy chemical feed pumps.

One International Dioxide Generator System.