

1910

2016

**106th**  
**ANNUAL**  
**REPORT**



**CHERRY VALLEY & ROCHDALE WATER DISTRICT**

**Ending June 30, 2016**

## OFFICERS OF THE DISTRICT

June 30, 2016

### WATER COMMISSIONERS

Michael L. DellaCava	May, 1995
Kevin M. Bergin	May, 2003
Arthur E.J. Levesque	May, 2003

### TREASURER

Jennifer Wood	May, 2013
---------------	-----------

### ASSISTANT TREASURER

Michael F. Knox	May, 2013
-----------------	-----------

### DISTRICT CLERK

Carla A. Davis	May, 2012
----------------	-----------

### OTHER OFFICERS WHO SERVED THE DISTRICT

*Hon. Channing Smith	May, 1910 to May, 1919
*J.A.B. Taylor	May 1919 to April, 1932
*Charles E. Bigelow	April 1932 to February, 1937
* Adelor LaBree	April, 1937 to April, 1938
*James J. Daley	April, 1938 to May, 1941
*Everett Carleton	May, 1910 to June, 1934
*Cornelius Leaflang	February, 1935 to April, 1936
*Chester Woodcock	April, 1936 to May, 1941
*Robert B. Taft	May, 1941 to April, 1946
*Francis D. Mainville	April, 1948 to April, 1951
*Ernest J. Titcomb	May, 1910 to December, 1957
*Arthur St.Germain	April, 1958 to April, 1961
*Michael A. Manning	May 1941, to March, 1964
*Francis J. Nally	April, 1951 to August, 1978
*Stuart E. Gilbert	May, 1979 to May, 1984
*Douglas T. Cherry, Jr.	April, 1961 to May, 1988
*Richard A. Lemerise	April, 1964 to May, 1988
Thomas P. Wood	May, 1988 to May, 1989
Kenneth G. Soucie	May, 1989 to May, 1992
Ronald H. Benson	May, 1984 to May, 1993
*Robert J. Theirrien	May, 1992 to May, 1995
William E. Halley	May, 1988 to May, 1997
*Charles J. Flagg	May, 1993 to January 2002
Wayne J. Colby	May, 1997 to May, 2003

## DISTRICT CLERK

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

## TREASURER

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

## SUPERINTENDENT

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

\* Deceased

**CHERRY VALLEY AND ROCHDALE WATER DISTRICT'S  
106th ANNUAL REPORT  
PERIOD ENDING JUNE 30, 2016**

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

Greetings:

Your Board of Water Commissioners respectfully submits their 106th Annual Report for fiscal year ending June 30, 2016.

**Administrative Consent Order Update (ACO)**

The District continues to meet with MassDEP and has been instructed by MassDEP to abandon all possible water supply options and focus on a permanent connection to allow for the purchase of water from the City of Worcester (C.O.W.).

On April 17, 2015, CVRWD submitted a request to the Massachusetts Water Resources Commission (WRC) for a determination of insignificance (RDI) under the Interbasin Transfer Act (M.G.L. Chapter 21 §§ 8B-8D).

CVRWD currently uses two water sources, Henshaw Pond and the Grindstone well in the French River basin. CVRWD has been under an Administrative Consent Order with the Massachusetts Department of Environmental Protection since 2012 because of several violations under the U.S. Environmental Protection Agency Surface Water Treatment Rule and Disinfection By-Product Rule, as well as other water quality issues.

Several alternate water supply options were evaluated to address these violations and it was a conclusion made by MassDEP Central Regional Office that constructing a permanent interconnection with the City of Worcester was the most feasible option to resolve the water quality and water supply needs, based on reliability of water quality.

On July 9, 2015, the Massachusetts Water Resources Commission (WRC), in a vote unanimous of those present, found that the CRWD's request to purchase water from the City of Worcester was insignificant under the Interbasin Transfer Act (ITA). The WRC decision further stated that the net transfer allowed to CVRWD was 520,000 gallons per day. The decision of the WRC was just an initial step in what the Commissioners have realized to be an extremely difficulty process.

On March 10, 2016, CVRWD received a DRAFT of the revised permit as per the Massachusetts Water Management Act. The Commissioners are currently reviewing and preparing a response to the permit revisions, specifically the condition stating that CVRWD will be limited to an average dally withdrawal of 270,00 gallons per day. When compared to the WRC's determination of insignificance setting the withdrawal limited at 520,000 gallons per day results in a net loss of 250,000 gallons per day.

The Commissioners continue to strongly voice concern that the cost associated with the purchase of water from the C.O.W., the construction costs to improve the interconnection and the 270,000 gallons per day limit makes the option to purchase water from the C.O.W. less attractive and may have difficulty convincing the voters to approve funding for the plan.

The Commissioners have also inform 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 a Special District Meeting in November 2016 to present the plan to purchase water from the C.O.W. and repurpose the 3.5 million dollar funding to pay for the construction costs to improve the interconnection and address outstanding deficiencies cited in the 2012 MassDEP issued ACO.

**UDF Hydrant Flushing**

In May and June 2015 CVRWD staff completed the annual Uni-Directional Flushing (UDF) program. As previously stated the UDF hydrant flushing method is an extremely aggressive method of flushing the distribution system providing positive benefits by enhancing water quality, maintain chlorine residuals

throughout the distribution system and verify proper operation of hydrants and valves. In the 2015 flushing program the CVRWD staff approached the flushing based on lessons learned from the previous years' program. This approach reduced the impact to district users and still maintained the benefits of the UDF method.

Also of special importance and note, the CVRWD staff consisting of Carla Davis, Jen Wood, Ben Morris and Mike Knox developed a tool that they named the "hydrant selfie". The UDF method normally requires two staff members to properly execute. One staff member performs the hydrant to hydrant flushing while the second staff member monitors the pressure of a control hydrant. The control hydrant allows the aggressive flush and prevents loss of water by limiting the flow of the flush hydrant based on the control hydrant's pressure. This was typically communicated between the staff members via cellular phone or portable radios. Implementing the use of the "hydrant selfie" freed up the staff member monitoring the control hydrant. By utilizing an iPhone and downloading a special free app staff was able to mount the "hydrant selfie" to the control hydrant and allow the staff at the flush hydrant to access and view the control hydrant pressure from a second iPhone. As you can imagine, the "hydrant selfie" saved the District time and money and further freed up a staff member to perform as important operational and maintenance tasks that otherwise would have been delayed until the UDF flushing was completed.

### **Peter Salem – Bunker Hill Road Gate Valve Project**

In August 2015 CVRWD staff completed the Peter Salem – Bunker Hill Road gate valve replacement project. As reported earlier, CVRWD staff discovered during the December 2014 leak survey that the valves located in this area were no longer operational. The project was completed in the allotted schedule and under budget. The Commissioners voted to return the surplus funds to be repurpose for future projects.

### **Could Flint Michigan Happen In CVRWD?**

The lead crisis in Flint Michigan has made national news, and triggered public concern about drinking water quality. Much of the issues comes from lead leaching from lead services when coming into contact with drinking water that is corrosive. The Board of Water Commissioners offer the following as to why a situation like Flint is unlikely at CVRWD;

Since 1988 CVRWD has met the compliance standards of the Federal Lead Contamination Control Act.

#### **Source of water**

**Flint:** Changed its water source from Detroit to its backup supply (the Flint River).

**CVRWD:** Uses well established water sources. Henshaw Pond beginning in 1910 and the Grindstone Well since 2004.

#### **Treatment Changes**

**Flint:** Began using backup treatment plant with the new source. Did NOT install corrosion control treatment when switching water supplies.

**CVRWD:** Since 1995 CVRWD has implemented Corrosion Control Water Treatment to control the corrosively and pH of the drinking water supplied to its consumers. In addition to the treatment CVRWD conducts daily water quality tests (7 days a week- 365 days per year) to monitor the effectiveness of the treatment.

#### **Water quality Complaints**

**Flint:** Initial reports of poor water quality were ignored. Data suggesting lead levels in water were elevated were initially dismissed by local and state officials.

**CVRWD:** Tracks water customer complaints daily, weekly, and monthly basis. Every complaint is taken very seriously and is investigated.

#### **Public Information**

**Flint:** Water quality data was not made public. Citizens had to gather their own data.

**CVRWD:** Water quality data is tracked and published in the annual Consumer Confidence report that can be viewed on the District website ([www.cvrwd.com](http://www.cvrwd.com)).

#### **Lead Services**

**Flint:** Almost half the homes in Flint have lead services.

**CVRWD:** In preparing for the initial rounds of the District wide lead and copper monitoring, District staffed reviewed all 1200 residential, commercial and municipal water service records. The review determined that there are no lead services. However, the review did indicate the potential that older iron pipe services may have a “lead goose neck” connecting the rigid iron pipe service to the water main in the street. In the iron pipe service installation the “goose neck” provided a flexible connection between the rigid iron pipe service and water main in the street. CVRWD estimates that less than 5% currently have the goose neck connection. The good news is that all types of water service materials are included in the lead and copper test cycle and as stated earlier the District has met the compliance standards of the Federal Lead Contamination Control Act.

### **In Summary**

CVRWD has had corrosion control treatment for many years, continually monitors water quality and responds immediately to all water quality complaints.

### **May 1, 2016 Water Rate Increase**

The Board of Water Commissioners implemented the fourth year of a ten year water rate increase program. In 2016 water rates will increase 7.5%. The ten year rate increase was presented in detail at the March 15, 2012 Public Informational Meeting and approved by the Voters at the March 22, 2012 Special District Meeting.

### **Annual Financial Audit**

The annual financial audit was conducted by the firm of Robert C. Alario, MA for years ending June 30, 2014 and 2015. 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 third year as Treasurer has done a most commendable job. Thank you Jen!

Mr. Michael Knox, Superintendent, with 39 years of service, Mr. Roger Bouley, Operator, with 15 years of service and Mr. Benjamin Morris, Operator, with 6 years of service continue to serve the District in a professional and workman-like 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 28 years’ service to the District as the District’s Water Consultant Engineers, Attorney Barry Bachrach with 14 years of service to the District and the firm of Robert C. Alairo, the District’s Auditor, and his staff for their continued valued service to the District.

Respectfully submitted,

*Kevin M. Bergin, Chairman*

*Arthur E. J. Levesque, Commissioner*

*Michael L. Della Cava, Sr. Commissioner*

**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 nineteenth day of May, two thousand and sixteen (May 19, 2016) 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 2017, 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 fund the first year of a two year project to terminate the use of the six (6) inch water main located on the west side of Chapel Street, including but not limited to the relocation of water and fire services from the subject six (6) inch water main to the existing ten (10) inch water main located on the east side of Chapel Street, 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 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 purchase Arsenic Filter Media for replacement and disposal of the existing Arsenic Filter Media, or to take any other action thereon.

ELEVEN: To see if the District will vote to ratify the amended and restated "Service Agreement" dated July 1, 2015, with the Cherry Valley Sewer District, pursuant to Chapter 105 of the Acts of 1996 as amended and pursuant to Chapter 138 of the Acts of 2006 or take any action thereto.

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-fifth (25<sup>th</sup>) day of April, in the year of Our Lord, two thousand sixteen.

Respectfully submitted,

*Kevin M. Bergin,  
Chairman*

*Arthur E.J. Levesque,  
Commissioner*

*Michael L. Della Cava, Sr.  
Commissioner*

A TRUE COPY, ATTEST:

Carla A. Davis, District Clerk

(SEAL)



CHERRY VALLEY AND ROCHDALE WATER DISTRICT			
FISCAL YEAR, 2017 BUDGET			
ACCOUNT		FY 2016	FY 2017
		PROPOSED	PROPOSED
ABATEMENTS		\$ 100.00	\$ 100.00
ACCOUNTING		\$ 12,000.00	\$ 15,501.50
BANK FEES		\$ 2,200.00	\$ 2,200.00
CHEMICAL SUPPLIES		\$47,000.00	\$ 47,000.00
CONSULTING SERVICE		\$ 10,300.00	\$ 10,300.00
CONTINUING ED		\$ 5,431.74	\$ 5,431.74
MA DEP-U.S. EPA MANDATES			
CONSUMER CONFIDENCE REPORT		\$ 1,000.00	\$ 1,000.00
DEP SDWA ASSESSMENT		\$ 850.00	\$ 850.00
LEAK DETECTION AND			
STANDPIPE INSPECTIONS		\$ 5,231.74	\$ 5,231.74
MASTER METERS CALIBRATION		\$ -	\$ -
PUBLIC EDUCATION		\$ 500.00	\$ 500.00
ELECTRICITY		\$ 32,000.00	\$ 32,960.00
FIELD SUPPLIES		\$ 5,150.00	\$ 5,623.80
HEAT		\$ 15,450.00	\$ 10,815.00
INSURANCE		\$ 92,000.00	\$ 97,000.00
LAB WORK		\$ 21,000.00	\$ 22,100.00
LEGAL ADVERTISING		\$ 1,200.00	\$ 1,200.00
LEGAL FEES		\$ 10,000.00	\$ 12,362.59
LICENSE FEES		\$ 1,900.00	\$ 2,000.00
METERS		\$ 9,025.00	\$ 11,193.24
MISCELLANEOUS		\$ 200.00	\$ 200.00
MOTOR VEHICLE EXP		\$ 15,000.00	\$ 13,370.00
OFFICE SUPPLY		\$ 24,697.76	\$ 20,790.00
OFFICER'S SALARY		\$ 7,000.00	\$ 7,210.00
PAYROLL		\$ 273,000.00	\$ 285,000.00
PIPES		\$ 10,291.67	\$ 10,291.67
POSTAGE		\$ 13,781.40	\$ 9,100.00
PROPERTY TAX		\$ 4,300.00	\$ 4,500.00
REPAIR/MAINT		\$ 13,375.72	\$ 13,375.72
RETIREMENT		\$ 37,000.00	\$ 40,165.00
SERVICE AGREEMENT		\$ 24,000.00	\$ 26,000.00
SMALL TOOLS		\$ 3,400.00	\$ 4,480.00
SUB CONTRACTORS		\$ 39,986.57	\$ 41,187.00
TECHNOLOGY		\$ 15,300.00	\$ 15,700.00
TELEPHONE		\$ 8,054.40	\$ 9,839.00
<b>Sub Total A</b>		<b>\$ 761,726.00</b>	<b>\$ 784,578.00</b>
<b>Debt Service</b>			
<b>MA Water Pollution Abatement Trust</b>		\$ 91,962.76	\$ 89,812.06
<b>USDA-RD</b>		\$ 24,732.00	\$ 24,732.00
<b>USDA-RD</b>		\$ 6,456.00	\$ 6,456.00
<b>WTF Loan</b>		\$ 50,000.00	\$ 50,000.00
<b>Reserve</b>		\$ 25,000.00	\$ 50,000.00
<b>Sub Total B</b>		<b>\$ 198,150.76</b>	<b>\$ 221,000.06</b>
<b>Required Revenue (A+B)</b>		<b>\$ 959,876.76</b>	<b>\$ 1,005,578.06</b>
<b>Projected Revenue</b>		\$ 1,179,144.60	\$ 1,199,781.02
<b>(Deficit)/Surplus</b>		\$ 219,267.84	\$ 194,202.96

**CHERRY VALLEY AND ROCHDALE WATER DISTRICT**  
**STATEMENTS OF REVENUES, EXPENSES AND CHANGES IN NET ASSETS**  
**FOR THE YEARS ENDED JUNE 30, 2015 AND 2014**

	<u>2015</u>	<u>2014</u>
<b>OPERATING REVENUE</b>		
Water Revenues - Net of Refunds	\$ 1,153,585	\$ 1,093,446
Penalties Invoiced Customers	18,594	17,639
Other Revenue	296	336
	1,172,475	1,111,421
<b>OPERATING EXPENSES</b>		
Payroll and Related Expenses	271,041	253,923
Depreciation	154,292	149,773
Water Treatment and Lab Fees	144,739	53,572
Supplies and Materials	79,703	79,383
Insurance and Surety Bond	74,948	63,187
Utilities	56,067	54,532
Outside Services	48,050	53,826
Dues	46,009	42,979
Professional Services	19,582	22,296
Other Operating Expenses	14,741	20,204
Loan Fees	442	1,513
	909,614	795,188
	262,861	316,233
<b>OPERATING PROFIT</b>		
<b>NON-OPERATING REVENUE (EXPENSE)</b>		
Gain on Disposal of Fixed Assets	4,160	-
Subsidy Revenue	35,100	36,373
Tower Rental	17,832	17,312
Interest Income	1,538	1,547
Water System Upgrades	(5,900)	(364,983)
Interest Expense	(47,581)	(59,940)
	5,149	(369,691)
	268,010	(53,458)
<b>CHANGES IN NET ASSETS</b>		
<b>NET ASSETS, BEGINNING OF YEAR, AS PREVIOUSLY STATED</b>		
	1,905,152	2,502,383
<b>RESTATEMENT</b>		
	-	(543,773)
<b>NET ASSETS, BEGINNING OF YEAR, AS RESTATED</b>		
	1,905,152	1,958,610
<b>NET ASSETS, END OF YEAR</b>		
	\$ 2,173,162	\$ 1,905,152

**CHERRY VALLEY AND ROCHDALE WATER DISTRICT  
STATEMENTS OF CASH FLOWS  
FOR THE YEARS ENDED JUNE 30, 2015 AND 2014**

	<u>2015</u>	<u>2014</u>
<b>CASH FLOWS FROM OPERATING ACTIVITIES</b>		
Received from Customers	\$ 1,137,340	\$ 1,086,615
Other Operating Revenue	18,850	11,443
Paid to Employees and Professional Contractors for Services	(312,592)	(297,618)
Paid to Suppliers for Goods and Services	<u>(421,293)</u>	<u>(364,053)</u>
Net Cash Provided by Operating Activities	<u>422,305</u>	<u>436,387</u>
<b>CASH FLOWS FROM CAPITAL AND RELATED FINANCING ACTIVITIES</b>		
Interest Income	1,538	1,547
Grant and Subsidy Revenue	35,100	36,373
Tower Rental Income	17,832	17,312
Acquisition of Fixed Assets	(41,925)	(2,000)
Proceeds from Sale of Equipment	6,375	
Borrowings of Short-Term Debt	-	413,811
Principal Paid on Long-Term Debt	(31,678)	(116,159)
Principal Paid on Short-Term Debt	-	(212,947)
Water System Upgrades	(4,812)	(359,889)
Interest Paid on Long-Term Debt	<u>(44,509)</u>	<u>(59,940)</u>
Net Cash Used In Capital and Related Financing Activities	<u>(62,079)</u>	<u>(281,893)</u>
<b>NET CHANGES IN CASH AND CASH EQUIVALENTS</b>	360,226	154,495
<b>CASH AND CASH EQUIVALENTS, BEGINNING OF YEAR</b>	<u>732,206</u>	<u>577,711</u>
<b>CASH AND CASH EQUIVALENTS, END OF YEAR</b>	<u>\$ 1,092,432</u>	<u>\$ 732,206</u>
<b>RECONCILIATION OF OPERATING PROFIT TO NET CASH PROVIDED BY OPERATING ACTIVITIES</b>		
Operating Profit	<u>\$ 262,861</u>	<u>\$ 316,233</u>
Adjustments to Reconcile Operating Loss to Net Cash Provided by		
Operating Activities:		
Changes in Assets and Liabilities:		
Depreciation	154,292	149,773
Gain on Sale of Equipment	(4,160)	-
Accounts Receivable	(16,245)	(6,831)
Water Liens Receivable	(40)	(6,532)
Prepaid Expenses	15,362	(18,501)
Accounts Payable	664	(7,886)
Accrued Expenses	(3,728)	10,131
Net Pension Liability	13,299	-
Total Adjustments	<u>159,444</u>	<u>120,154</u>
<b>NET CASH PROVIDED BY OPERATING ACTIVITIES</b>	<u>\$ 422,305</u>	<u>\$ 436,387</u>

**CHERRY VALLEY AND ROCHDALE WATER DISTRICT  
FY 2017 REVENUE PROJECTIONS**

Water Receipts	\$	913,505.89
Fees	\$	49,962.27
Past Due	\$	208,047.92
Repairs, Fire, New Hookups	\$	12.00
Cell Tower Rental	\$	13,693.00
Liens	\$	7,488.94
Misc Income	\$	5,000.00
Interest Income	\$	2,071.00
<b>TOTAL INCOME</b>	\$	<b>1,199,781.02</b>

**SALARIES OF ELECTED OFFICIALS FY 2016**

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

**MONTHLY WATER RATES - EFFECTIVE MAY 1, 2016**

THE MINIMUM CHARGE FOR ALL UN-METERED SERVICES SHALL BE \$65.60 PER MONTH.

FIRST 235 CF	\$46.25
EXCESS OF 235 CF BUT NOT GREATER THAN 1,000 CF	\$10.64/100 CF
EXCESS OF 1,000 CF BUT NOT GREATER THAN 1,500 CF	\$11.56/100 CF
EXCESS OF 1,500 CF BUT NOT GREATER THAN 2,000 CF	\$12.49/100 CF
EXCESS OF 2,000 CF	\$13.41/100 CF

IF A METER FAILS TO RECORD WATER CONSUMPTION, THE OWNER WILL BE ISSUED AN ESTIMATED BILL, BASED ON THE HISTORICAL WATER CONSUMPTION AS RECORDED BY THE METER WHEN IN ORDER.

NOTE: ALL PAYMENTS ARE DUE AND PAYABLE ON THE 15<sup>TH</sup> OF EACH MONTH. AFTER THE 15<sup>TH</sup> OF THE MONTH, THE CUSTOMER IS CHARGED A \$5.00 PENALTY.

CURRENT WATER BILLS ARE CONSIDERED TO BE DELINQUENT AFTER THE DUE DATE. PAST DUE OR DELINQUENT ACCOUNTS ARE SUBJECT 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 RE-CONNECTION FEE WILL BE CHARGED 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 ARE AVAILABLE.

## Monthly Record Of Water Pumped In 2015

January	7,600,409	July	8,065,143
February	7,148,882	August	8,100,637
March	8,311,680	September	7,510,791
April	7,950,986	October	7,236,747
May	9,815,259	November	6,577,715
June	8,594,742	December	6,687,604

Total In 2015 93,600,595 gallons = Avg. of 256,440 gpd

Total In 2014 94,732,478 gallons = Avg. of 259,512 gpd

Total In 2013 86,895,206 gallons = Avg. of 238,704 gpd

Total In 2012 94,593,722 gallons = Avg. of 259,16 gpd

Total In 2011 87,852,400 gallons = Avg. of 240,692 gpd

Hydrant	Cherry Valley	78
	Rochdale	70
	Oxford	11
	Total	159

Sprinklers in twelve businesses supplying + 10,470 heads

Maximum day pumped = 432,876 (May 30, 2015)

**CHERRY VALLEY & ROCHDALE WATER DISTRICT  
RECORD OF VOTE – 105<sup>th</sup> ANNUAL MEETING  
MAY 21, 2015**

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 21, 2015. Twelve (12) were in attendance, all of who were eligible voters.

The Annual Meeting was called to order at 7:30 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 **16** through **18** of the 105<sup>th</sup> 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 105<sup>th</sup> Annual Report.

**VOTED: UNANIMOUS. APPROVED.**

**ARTICLE III - ELECTION OF OFFICERS**

The Following Officers Were Elected:

**District Commissioner** For Three (3) Years: **Mr. Arthur E. J. Levesque**

**VOTED: UNANIMOUS. APPROVED.**

**ARTICLE IV - FY 16 BUDGET**

A motion was made and seconded, and the district voted to appropriate from available funds (water revenue) the sum of **Seven hundred and sixty one thousand, seven hundred and thirty dollars (\$761,730.00)**, 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, as printed on pages **13** and **14** in the 105<sup>th</sup> 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 Five Thousand Dollars (\$25,000.00)** 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 – VALVE REPLACEMENT PROJECT**

A motion was made and seconded and the District voted to transfer from Free Cash the sum of **Twenty five thousand, three hundred and twenty dollars (\$25,320.00)** to enable the District to upgrade by replacement of 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.

**VOTED: UNANIMOUS. APPROVED.**

**ARTICLE X – CHAPTER 32B**

A motion was made and seconded and the District voted to accept certain provisions of chapter thirty-two B of the General Laws as outlined in section 10 thereof, 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 said dependents.

**VOTED: MAJORITY VOTE APPROVED.**

**ARTICLE XI – SECTION 7, CHAPTER 32B**

A motion was made and seconded and the District voted to accept section 7 of chapter thirty-two B of the General Laws, authorizing the district to pay one-half 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.

**VOTED: UNANIMOUS. APPROVED.**

**ARTICLE XII – SECTION 9D, CHAPTER 32B**

A motion was made and seconded and the District voted 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.

**VOTED: UNANIMOUS. APPROVED.**

**ARTICLE XIII – SECTION 7A, CHAPTER 32B**

A motion was made and seconded and the District voted to 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 percent 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.

**VOTED: UNANIMOUS. APPROVED.**

**ARTICLE XIV – MEDICARE PART A**

A motion was made and seconded and the District voted to require that 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 the retiree, their spouse or dependents, be required to enroll in a Medicare health benefits supplement plan offered by the District.

**VOTED: MAJORITY VOTE APPROVED.**

The meeting adjourned at 8:10 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 21, 2015.

A TRUE COPY ATTEST:

---

CARLA A. DAVIS  
DISTRICT CLERK  
(SEAL)

**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 7½ 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.