

1910

2017

**107th**  
**ANNUAL**  
**REPORT**



**CHERRY VALLEY & ROCHDALE WATER DISTRICT**

**Ending June 30, 2017**

## OFFICERS OF THE DISTRICT

June 30, 2017

### WATER COMMISSIONERS

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

### TREASURER

Jennifer Wood	May, 2013
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### ASSISTANT TREASURER

Michael F. Knox	May, 2013
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### DISTRICT CLERK

Carla A. Davis	May, 2012
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### 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
* Adelord 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  
107th ANNUAL REPORT  
PERIOD ENDING JUNE 30, 2017**

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

Greetings:

Your Board of Water Commissioners respectfully submits their 107th Annual Report for fiscal year ending June 30, 2017.

**UDF Hydrant Flushing**

Uni-directional Flushing (UDF) is a hydrant flushing method that 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 May 2016 CVRWD staff completed the annual UDF program in the Cherry Valley service area. Flushing of the Rochdale-Oxford service area was postponed due to the State wide water ban. Hopefully, the water ban will be lifted allowing the District staff to begin the 2017 district –wide flushing program beginning in the Rochdale-Oxford service area.

**Chapel Street Water Main**

At the May 19, 2016 Annual Meeting voters approved \$20,300.00 to fund the first of a two year project to terminate the existing six (6) inch water main and transfer all existing water and fire services to the existing ten (10) inch water main. In August 2016 District crews successfully completed the first phase by swapping house and fire services from the six (6) inch to the ten (10) inch water main.

**Hydrant Repair**

In September 2016 District staff replaced the fire hydrant located on Comins Road in Oxford. The hydrant was severely damaged by a motor vehicle requiring full replacement. Unfortunately, the Oxford Police were unable to locate the operator or vehicle causing the District to absorb the full cost of the replacement.

**Valve Repair**

In September 2016 District staff replaced the eight (8) inch main line valve located in the area of 989 Stafford Street. As part of the UDF program District crews discovered this valve inoperable requiring replacement.

**Apricot Interconnection/Booster Station**

After months of monitoring the decreasing water elevation of Henshaw Pond and the Grindstone Well, the Board of Water Commissioners reached out to the City of Worcester to begin the activation process of the Apricot Street Interconnection. In preparation for this event, District staff conducted pressure and flow data measurements and assisted by the District's engineers from Tata & Howard, determined that a Booster Pump would be required to "boost" the flow to successfully supply the Rochdale-Oxford service area.

On October 14, 2016, District staff assisted by local contractors completed the construction of the "Booster Station", Henshaw Pond and the Grindstone Well were taken offline and all water supply for District residents was now being supplied/purchased from the City of Worcester.

Currently the District operates the interconnection and booster station manually. To operate the interconnection/booster the on-call operator monitors the water storage tank elevations. The tanks' elevation dictate the times that the Interconnection valve is manually opened/closed and the manual start/stop of the booster station. The daily challenge is to maintain adequate storage in the water storage tanks to provide adequate domestic water supply and added storage to address firefighting requirements. Water use demands, including leaks, result in a longer operation and extend the hours of hours of daily operation.

There is a financial downside to the manual operation of the interconnection/booster station taxing the FY 17 operating budget accounts specifically: overtime, sub-contractors and pipes. Another downside is the daily operation of the eight (8) inch interconnection gate valve. After six months of manual operation the

valve had to be replaced. The replacement required excavation, replacing the upper portion of the valve and restoration of the roadway. Again, just another expense associated with the manually operation.

The Board of Water Commissioners is developing a plan to automate the operation of the interconnection/booster station. With Voter approval the Board anticipates the automation could be completed in phases spanning the next few years.

### **Leak Detection**

As a result of purchasing water from the City of Worcester and knowing that the District pays for every drop of water measured by the interconnection's master meter, the District's staff has increased the frequency of the District Leak Detection Program. An initial hydrant to hydrant survey discovered leaks located on Church Place (2), Onley Street (2), West Street (2), Bottomly Ave. (2), Mill St., Young St. and Main Street (2).

A significant leak in the District's eight (8) inch transmission main was located in the vicinity of 490 Main Street. The subject water main is located at a depth of fourteen (14) feet and under a stone constructed retaining wall. Due to the depth and location of the main it was determined the repair could not be handled with District resources. To repair the leak the District secured the services of R.H. White, Co., Auburn, MA. The safe excavation and repair was completed in four (4) days. The important take away was the District's approach and planning of the repair limited the loss of water to one (1) commercial and two (2) residential water services avoiding the loss of water to half the water district service area.

A second leak was detected in the District's eight (8) inch transmission main east of 490 Main Street. Fortunately the location and depth allowed the District's crew to execute the repair. Once again loss of water service was limited to one (1) commercial and two (2) residential water services. The repair was completed in one day.

The District's staff continues to conduct monthly hydrant to hydrant surveys to avoid wasteful and costly system water leaks.

### **Pending MassDEP Actions:**

#### **Administrative Consent Order (ACO) Update**

The District continues to meet with MassDEP regarding the Administrative Consent Order. Although at the meeting held on January 2017, MassDEP indicated that all provisions assigned to the Henshaw Pond treatment requirements would be removed, it was unclear exactly what provisions would remain and when the revised ACO would be released.

#### **Unilateral Administrative Order (UAO)**

On November 22, 2016 MassDEP issued a Unilateral Administrative Order confirming that MassDEP prohibits the District from resuming use of Henshaw Pond as a Public Water Supply source until treatment is provided to assure compliance with MassDEP's Drinking Water Regulations.

To be clear, a conservative estimate of the cost to construct a treatment facility to assure compliance with MassDEP's Drinking Water Regulations fell in the range of \$9 to \$9.5 million dollars. This cost was deemed by the Commissioners as being well beyond the ratepayers' ability to pay the long term debt associated with the project. Coupled with the fact that the facility would require a footprint of up to 20 acres to accommodate the construction of the treatment facility, the Worcester interconnection became the most affordable option.

#### **Sanitary Survey 2016**

In September 2017, MassDEP conducted the District wide Sanitary Survey. The Survey is usually a day long review and inspection of all phases of operation and management. However, the Survey was cut short due to the pending activation of the Apricot Interconnection and construction of the Booster Station. The MassDEP agent returned after the interconnection/booster system was in operation. The specifics of the Sanitary Survey were also discussed during the January 2017 meeting with MassDEP. The District expects to receive the Survey results along with the release of the revised ACO.

### **Annual Water Use Restrictions**

As per the provisions of the State issued Water Management Act Permit the Board of Water Commissioners declared the required District-wide water use restrictions beginning May 1, 2017 and ending October 1, 2017. Details of the restrictions are posted on the District website [www.cvrwd.com](http://www.cvrwd.com).

### **Public Informational Meeting**

On October 16, 2016, the District held a Public Informational Meeting to present the details of the 1.9 million dollar Capital Project to fund the construction of a dedicated 8" water main to serve as the permanent interconnection with the City of Worcester. The project included the construction of a dedicated 8" water main installed the length of Apricot Street beginning at the City of Worcester Apricot Street pump station and ending at the junction of Apricot Street (Worcester) and Sargent Street (Leicester), the installation of an aeration mixing system in the Airport water storage tank (Worcester) upgrades to SCADA (providing automation of the interconnection and booster station), furnish and install residential and commercial water meters and all associated engineering. The public informational meeting was well attended but not well received by the majority of those that attended.

### **Special District Meeting**

On October 20, 2016, the District held a Special District Meeting to vote on, Article 1, to fund the 1.9 million dollar Capital Project to fund the construction of a dedicated 8" water main to serve as the permanent interconnection with the City of Worcester. Article 2, requested that the voters transfer \$286,000.00 from Free cash to the FY17 Operating Budget to fund the newly created operating budget account "City of Worcester Water Usage Fees". Article 1 was not approved. Article 2 was approved.

### **Special District Meeting**

On December 6, 2016, per the recommendation of MassDEP, the District held a second Special District Meeting to vote on, Article 1, 1.9 million dollar Interconnection Capital Project; Article 2, amend FY 2017 operating budget \$71,500.00 transfer free cash to "City of Worcester Water Usage Fees", Article 3, amend FY operating budget \$52,000.00 transfer from free cash to fund "Interconnection/Booster Station Rental Fees", Article 4, \$50,000.00 transfer from free cash to Reserve Account and Article 5, \$25,000.00 transfer from free cash to the Olney Street water main upgrade, Article 6, \$49,000.00 transfer from free cash to fund the purchase of new booster pumps to replace the rental pump system currently in use. With the exception of Article 1, all Articles passed.

### **March 1, 2017 Water Rate Increase**

As a result of the meetings held in October and December the Board of Water Commissioners decided that the current water rates should be reviewed to determine the best way to revise and restructure the water rates to meet the current and future operations.

The new rate structure is a result of the input received by the District residents attending the October 13<sup>th</sup>, 2017 Public Informational Meeting. To conduct the analysis, the Board secured the services of Pioneer Consulting Group with twenty-one years of specializing in municipal water rate studies.

The study recommended that the rates structure be revised slightly. That all water customers be charged a minimum charge and a separate charge for all water consumption. The Minimum charge, as recommended by the American Water Works Association suggests that **NO WATER** consumption be included in the minimum charge and be designed to recover the costs associated with the daily operation of the water district, regardless of the customer's usage and includes meter reading, billing, meter service and administrative expenses.

The study further recommended that the District maintain a conservation based water rate. A conservation-based rate structure encourages efficient use of water by charging customers a higher rate as their water consumption increases. Conservation pricing allows utilities to recover the full cost of supplying water while encouraging more efficient water use on the part of the customers so that the water supply and demand cycle can be more financially and environmentally sustainable. The new rate structure was implemented and effective March 1, 2017.

**For your convenience and review a breakdown of the current rates is in print on the back side of your monthly water bill.**

**Annual Financial Audit**

The annual financial audit was conducted by the firm of Robert C. Alario, Certified Public Accountants of Worcester, MA for years ending June 30, 2015 and 2016. The audit concluded that the District continues to demonstrate excellent financial accountability.

**For your convenience and review the 2015 – 2016 Audited Statement of Net Assets, Revenue, Expenses, Changes in Net Assets and Cash Flows are published in the 107<sup>th</sup> Annual Report, and historically has always been available in this report.**

**Notes of Recognition**

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 completely her fourth year as Treasurer, has done a most commendable job. Thank you Jen!

Mr. Michael Knox, Superintendent, with 40 years of service, Mr. Roger Bouley, Operator, with 16 years of service and Mr. Benjamin Morris, Operator, with 7 years of service continue to serve the District in a professional and workman-like manner in the operation and maintenance of the water system. Thank you Mike, Roger and Ben!

We would like to thank Tata & Howard, Inc. with 29 years' service to the District as the District's Water Consultant Engineers, Attorney Barry Bachrach with 15 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 eighteenth day of May, two thousand and seventeen (May 18, 2017) 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 officer by ballot:

A resident from the Oxford-Rochdale service area to hold the office of District Commissioner 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 2018, 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 ratify the District's expenditure of \$42,515.74 from free cash, in connection with an emergency repair to the eight (8) inch water main in the vicinity of 490



Main Street, Cherry Valley, MA 01611, which emergency expenditure was approved pursuant to G.L. c. 44, § 31, by the Commonwealth of Massachusetts Division of Local Services by letter dated April 4, 2017, or to take any other 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 pay all costs associated with the repair and/or installation of the retaining wall which had to be removed to enable the emergency repair of the eight (8) inch water main located at 490 Main St, Cherry Valley, MA 01611, or to take any other action thereon.
- ELEVEN: 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 pay all costs associated with the re-paving of a portion of the parking lot which was excavated to enable the emergency repair of the eight (8) inch water main located at 490 Main St, Cherry Valley, MA 01611, or to take any other action thereon.
- TWELVE: 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 pay costs associated with upgrading and improving the District's water system including but not limited to upgrading the existing interconnection with the City of Worcester, upgrading the instrumentation, valves, piping, the furnishing and installing an aeration mixing system within the Airport water storage tank, and engineering associated with the interconnection project, as well as costs to acquire necessary easements to implement and/or effectuate the upgrades or improvements, or take any action in relation thereto.
- THIRTEEN: 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 pay costs of the purchase of residential and commercial ultrasonic/cellular water meters or take any action thereto.
- FOURTEEN: To see if the District will vote to petition the state legislature to Amend the District's Enabling Acts, Chapter 105 of the Acts of 1996, by adding the following sentence at the end of Section 9 of said Act: "Any holder of an elected office in the District may be recalled, and removed from that office, by the qualified voters of the District, as provided in any such By-Law as may be imposed by the qualified voters of the District to recall elected officials from office," or to take any action thereto.
- FIFTEEN: To see if the District will vote to order an external audit of District finances and operations, in accordance with "Exhibit A."

**Exhibit A:**

To see if the District will vote to solicit bids for a period of 65 days from the date of publication of the request for bids for an External Forensic Audit, so called, including at least one bid from a governmental entity such as the Department of Revenue, Department of Public Utilities, etc., of the District's finances and operations dating back to FY2010, including but in no way limited to all receipts and expenditures, and, if so voted, to permit such bids to be finalized for presentation to the District Commissioners to select which proposal(s) to approve, in order to facilitate the swift and fair audit by the approved entities of all District receipts, expenditures, and operational facilities. No auditing firm shall be considered for approval that has done business with any public entity in the Town of Leicester, including any extension of the Town or any water or sewer district contained therein, prior to FY2000. The District shall thereafter schedule, in accordance with the

parameters set forth above herein, an additional meeting to present to the District in reasonable professional detail the findings of such report, and shall make the entire report available to the District on its website and in hard copy immediately following its completion by the approved entity(s), in addition to widely publicizing the audit by press release to local media, including all 3 Major regional television stations, TV-3, Telegram & Gazette, Spencer New Leader, WTAG, and Town of Leicester website.

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-fourth day of April, in the year of Our Lord, two thousand seventeen (April 24, 2017).

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)

*“This institution is an equal opportunity provider, and employer.”*

CHERRY VALLEY AND ROCHDALE WATER DISTRICT			
OPERATING BUDGET			
ACCOUNT		FY 2017	FY 2018
		APPROVED	PROPOSED
ABATEMENTS		\$ 100.00	\$ 100.00
ACCOUNTING		\$ 15,501.50	\$ 15,501.50
BANK FEES		\$ 2,200.00	\$ 2,200.00
CHEMICAL SUPPLIES		\$ 47,000.00	\$ 10,000.00
CITY OF WORCESTER			\$ 516,043.61
CONSULTING SERVICE		\$ 10,300.00	\$ 25,000.00
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		\$ 32,960.00	\$ 23,000.00
FIELD SUPPLIES		\$ 5,623.80	\$ 5,623.80
HEAT		\$ 10,815.00	\$ 8,400.00
INSURANCE		\$ 97,000.00	\$ 106,600.00
LAB WORK		\$ 22,100.00	\$ 10,000.00
LEGAL ADVERTISING		\$ 1,200.00	\$ 1,200.00
LEGAL FEES		\$ 12,362.59	\$ 12,362.59
LICENSE FEES		\$ 2,000.00	\$ 2,000.00
METERS		\$ 11,193.24	\$ 10,800.00
MISCELLANEOUS		\$ 200.00	\$ 200.00
MOTOR VEHICLE EXP		\$ 13,370.00	\$ 10,500.00
OFFICE SUPPLY		\$ 20,790.00	\$ 21,413.00
OFFICER'S SALARY		\$ 7,210.00	\$ 7,426.30
PAYROLL		\$ 285,000.00	\$ 390,000.00
PIPES		\$ 10,291.67	\$ 15,000.00
POSTAGE		\$ 9,100.00	\$ 8,106.00
PROPERTY TAX		\$ 4,500.00	\$ 4,500.00
REPAIR/MAINT		\$ 13,375.72	\$ 14,562.72
RETIREMENT		\$ 40,165.00	\$ 40,675.00
SERVICE AGREEMENT		\$ 26,000.00	\$ 16,000.00
SMALL TOOLS		\$ 4,480.00	\$ 4,480.00
SUB CONTRACTORS		\$ 41,187.00	\$ 44,000.00
TECHNOLOGY		\$ 15,700.00	\$ 15,700.00
TELEPHONE		\$ 9,839.00	\$ 8,400.00
<b>Sub Total A</b>		<b>\$ 784,578.00</b>	<b>\$1,362,808.00</b>
<b>Reserve</b>		<b>\$ 50,000.00</b>	<b>\$ 50,000.00</b>
<b>Debt Service</b>			
<b>MA Water Pollution Abatement Trust</b>		<b>\$ 89,812.06</b>	<b>\$ 89,129.00</b>
<b>USDA-RD</b>		<b>\$ 24,732.00</b>	<b>\$ 24,732.00</b>
<b>USDA-RD</b>		<b>\$ 6,456.00</b>	<b>\$ 6,456.00</b>
<b>WTF Loan</b>		<b>\$ 50,000.00</b>	<b>\$ 50,000.00</b>
<b>Sub Total B</b>		<b>\$ 221,000.06</b>	<b>\$ 220,317.00</b>
<b>Required Revenue (A+B) Grand Total</b>		<b>\$ 1,005,578.06</b>	<b>\$1,583,125.00</b>

**CHERRY VALLEY AND ROCHDALE WATER DISTRICT**  
**STATEMENTS OF NET ASSETS**  
**JUNE 30, 2016 AND 2015**

	<u>2016</u>	<u>2015</u>
<b>CURRENT ASSETS</b>		
Cash and Cash Equivalents	\$ 1,616,330	\$ 1,092,432
Accounts Receivable	56,235	59,169
Water Liens Receivable	7,486	12,188
Due From Cherry Valley Sewer District	6,466	-
Prepaid Expenses	13,155	13,509
	1,699,672	1,177,298
Total Current Assets	1,699,672	1,177,298
<b>CAPITAL ASSETS, NET</b>	3,167,436	3,306,201
<b>OTHER ASSETS</b>		
Deferred Outflows	49,845	-
Loan Origination Fees (Net of Accumulated Amortization of \$153 at June 30, 2016)	2,905	-
	52,750	-
Total Other Assets	52,750	-
<b>TOTAL ASSETS</b>	\$ 4,919,858	\$ 4,483,499
<b>LIABILITIES AND NET ASSETS</b>		
<b>CURRENT LIABILITIES</b>		
Accounts Payable	\$ -	\$ 664
Accrued Expenses	50,909	39,459
Current Portion of Long-Term Debt	102,973	488,610
	153,882	528,733
Total Current Liabilities	153,882	528,733
<b>LONG-TERM LIABILITIES</b>		
Long-Term Debt, Net of Current Portion	1,616,504	1,219,438
Deferred Inflows	65,083	-
Net Pension Liability	577,221	562,166
	2,258,808	1,781,604
Total Long-Term Liabilities	2,258,808	1,781,604
Total Liabilities	2,412,690	2,310,337
<b>NET ASSETS</b>		
Reserved	25,000	20,000
Unreserved	2,482,168	2,153,162
	2,507,168	2,173,162
Total Net Assets	2,507,168	2,173,162
<b>TOTAL LIABILITIES AND NET ASSETS</b>	\$ 4,919,858	\$ 4,483,499

**CHERRY VALLEY AND ROCHDALE WATER DISTRICT  
STATEMENTS OF REVENUES, EXPENSES AND CHANGES IN NET ASSETS  
FOR THE YEARS ENDED JUNE 30, 2016 AND 2015**

	<u>2016</u>	<u>2015</u>
<b>OPERATING REVENUE</b>		
Water Revenues - Net of Refunds	\$ 1,163,565	\$ 1,153,585
Penalties Invoiced Customers	16,424	18,594
Other Revenue	8,845	296
	1,188,834	1,172,475
<b>OPERATING EXPENSES</b>		
Payroll and Related Expenses	367,702	271,041
Depreciation and Amortization	150,204	154,292
Supplies and Materials	95,281	79,703
Insurance and Surety Bond	103,405	74,948
Water Treatment and Lab Fees	74,022	144,739
Dues	67,616	46,009
Utilities	51,743	56,067
Outside Services	50,115	48,050
Professional Services	18,109	19,582
Other Operating Expenses	17,231	15,183
Meters	10,889	-
Service Agreement Reimbursements	(183,358)	-
	822,959	909,614
<b>OPERATING PROFIT</b>	<b>365,875</b>	<b>262,861</b>
<b>NON-OPERATING REVENUE (EXPENSE)</b>		
Gain on Disposal of Fixed Assets	-	4,160
Subsidy Revenue	34,171	35,100
Tower Rental	18,367	17,832
Interest Income	2,938	1,538
Arsenic Media	(15,026)	-
Valve Project	(9,891)	-
Water System Upgrades	(641)	(5,900)
Interest Expense	(61,787)	(47,581)
	(31,869)	5,149
<b>CHANGES IN NET ASSETS</b>	<b>334,006</b>	<b>268,010</b>
<b>NET ASSETS, BEGINNING OF YEAR</b>	<b>2,173,162</b>	<b>1,905,152</b>
<b>NET ASSETS, END OF YEAR</b>	<b>\$ 2,507,168</b>	<b>\$ 2,173,162</b>

**CHERRY VALLEY AND ROCHDALE WATER DISTRICT  
STATEMENTS OF CASH FLOWS  
FOR THE YEARS ENDED JUNE 30, 2016 AND 2015**

	<u>2016</u>	<u>2015</u>
<b>CASH FLOWS FROM OPERATING ACTIVITIES</b>		
Received from Customers	\$ 1,166,499	\$ 1,137,340
Other Operating Revenue	23,505	18,850
Paid to Employees and Professional Contractors for Services	(387,387)	(320,609)
Paid to Suppliers for Goods and Services	(251,379)	(413,276)
	551,238	422,305
Net Cash Provided by Operating Activities		
<b>CASH FLOWS FROM CAPITAL &amp; RELATED FINANCING ACTIVITIES</b>		
Interest Income	2,938	1,538
Grant and Subsidy Revenue	34,171	35,100
Tower Rental Income	18,367	17,832
Acquisition of Fixed Assets	(11,286)	(41,925)
Arsenic Media	(15,026)	-
Valve Project	(9,891)	-
Proceeds from Sale of Equipment	-	6,375
Borrowings of Long-Term Debt	114,367	-
Principal Paid on Long-Term Debt	(122,738)	(31,678)
Water System Upgrades	(641)	(4,812)
Change in Pension Assumptions	14,501	-
Interest Paid on Long-Term Debt	(52,102)	(44,509)
	(27,340)	(62,079)
Net Cash Used In Capital and Related Financing Activities		
<b>NET CHANGES IN CASH AND CASH EQUIVALENTS</b>	523,898	360,226
<b>CASH AND CASH EQUIVALENTS, BEGINNING OF YEAR</b>	1,092,432	732,206
<b>CASH AND CASH EQUIVALENTS, END OF YEAR</b>	\$ 1,616,330	\$ 1,092,432
<b>RECONCILIATION OF OPERATING PROFIT TO NET CASH PROVIDED BY OPERATING ACTIVITIES</b>		
Operating Profit	\$ 365,875	\$ 262,861
Adj. to Reconcile Operating Income to Net Cash Provided by Operating Activities:		
Changes in Assets and Liabilities:		
Depreciation and Amortization	150,204	154,292
Gain on Sale of Equipment	-	(4,160)
Accounts Receivable	2,934	(16,245)
Water Liens Receivable	4,702	(40)
Prepaid Expenses	354	15,362
Accounts Payable	664	664
Accrued Expenses	11,450	(3,728)
Net Pension Liability	15,055	13,299
	185,363	159,444
Total Adjustments		
<b>NET CASH PROVIDED BY OPERATING ACTIVITIES</b>	\$ 551,238	\$ 422,305

**SALARIES OF ELECTED OFFICIALS FY 2017**

1 CHAIRMAN	\$2,074.15	Annually
2 COMMISSIONERS	\$1,971.14	Annually
1 CLERK	\$ 835.85	Annually

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**CVRWD MONTHLY WATER RATES**

MONTHLY BASE CHARGE:	\$29.00
0-1000 CF	\$0.1452/CF
EXCESS OF 1,001 CF BUT NOT GREATER THAN 1,500 CF	\$0.1704/CF
EXCESS OF 1,501 CF BUT NOT GREATER THAN 2,000 CF	\$0.1879/CF
EXCESS OF 2,000 CF	\$0.2084/CF

**ESTIMATED BILLS:** If a meter fails to record water consumption, the customer may be issued an estimated bill, based on the historical water consumption as recorded by the meter when in order.

**DUE DATE / LATE FEE:** 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.

**PAST DUE ACCOUNTS:** Current bills are considered to be past due after the due date. Past due accounts are subject to termination of water service. All past due bills are considered to be delinquent and appear hereon as a second notice.

**SERVICE TERMINATIONS:** If water service is terminated, a re-connection fee will be charged prior to restoring service. Additionally, it is the right of the District to charge a demand fee to any customer receiving demand notices.

**NO DISCOUNTS:** Both the Water and Sewer Districts are small districts funded by you, the rate payers. Allowing discounts would be an additional cost burden to the remaining rate payers who would not qualify for a discount. Therefore, no discounts are available.

“Cherry Valley and Rochdale Water District is an equal opportunity provider, and employer.”

To file a complaint of discrimination, write: USDA, Director, Office of Civil Rights, 1400 Independence Avenue, S.W., Washington, DC 20250-9410, or call (800) 795-3272 (voice), or (202) 720-6382 (TDD).”

### Monthly Record Of Water Pumped In 2016

January	6,955,591	July	9,377,733
February	7,127,571	August	9,102,899
March	7,839,484	September	8,731,874
April	7,950,652	October	8,893,488 *
May	9,429,681	November	6,635,508 *
June	9,744,977	December	8,554,128 *

\*Purchased Worcester DPW

Total In 2016 100,343,586 gallons = Avg. of 274,491 gpd

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 259,160 gpd

Hydrant	Cherry Valley	77
	Rochdale	70
	Oxford	11
	Total	158

Sprinklers in twelve businesses supplying + 10,470 heads

Maximum day pumped = 410,291 (August 21, 2016)



**CHERRY VALLEY & ROCHDALE WATER DISTRICT  
RECORD OF VOTE – 106<sup>th</sup> ANNUAL MEETING  
MAY 19, 2016**

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 19, 2016. Fifteen (15) 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, Moderator. A motion was made and seconded to **waive the reading of the Annual Warrant**, for it is published on pages **7** through **8** of the 106<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 106<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. Michael L. DellaCava, Sr.**

**VOTED: UNANIMOUS. APPROVED.**

**ARTICLE IV - FY 17 BUDGET**

A motion was made and seconded, and the district voted to appropriate from available funds (water revenue) the sum of **Seven hundred and eighty-four thousand, five hundred and seventy-eight dollars (\$784,578.00)**, 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, as printed on page **9** in the 106<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 **Fifty Thousand Dollars (\$50,000.00)** from available funds (water revenue) to create a reserve account.

**VOTED: MAJORITY VOTE. 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 – CHAPEL STREET MAIN TERMINATION PROJECT**

A motion was made and seconded and the District voted to transfer from Free Cash the sum of **Twenty thousand and three hundred dollars (\$20,300.00)** 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.

**VOTED: UNANIMOUS. APPROVED.**

**ARTICLE X – ARSENIC MEDIA**

A motion was made and seconded and the District voted to transfer from Free Cash the sum of **Twenty-five thousand dollars (\$25,000.00)** to enable the District to fund the purchase of Arsenic Media for replacement and disposal of the existing Arsenic Media.

**VOTED: UNANIMOUS. APPROVED.**

**ARTICLE XI – RATIFY SERVICE AGREEMENT**

A motion was made and seconded and the District voted to ratify the amended and restated "Service Agreement" date 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.

**VOTED: MAJORITY VOTE. APPROVED.**

The meeting adjourned at 7:58 p.m.by Victor Taylor, Moderator.

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 19, 2016.

A TRUE COPY ATTEST:

CARLA A. DAVIS, DISTRICT CLERK

(SEAL)

**CHERRY VALLEY & ROCHDALE WATER DISTRICT  
RECORD OF VOTE – SPECIAL DISTRICT MEETING  
OCTOBER 20, 2016**

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 October 20, 2016. Ninety-seven (97) were in attendance, all of who were eligible voters.

The Special District Meeting was called to order at 7:21 p.m. by Mr. Victor M. Taylor, Moderator.

**WAIVE READING OF SPECIAL MEETING WARRANT**

A motion was made and seconded to **waive the reading of the SPECIAL MEETING WARRANT** as it is included in the handout prepared for tonight’s meeting and in the hands of the Voters.

**VOTED: MAJORITY VOTE. APPROVED.**

**BALLOT VOTE**

A motion was made and seconded that the votes taken shall be by a ballot vote for Warrant Articles 1 and 2.

**VOTED: MAJORITY VOTE. APPROVED.**

**ARTICLE I – INTERCONNECTION PROJECT**

A motion was made and seconded to amend and supersede the vote adopted under Article One (1) of the warrant at the Special District meeting held on March 22, 2012 which authorized the appropriation of \$3,500,000.00 (three million five hundred thousand dollars) for the purposes stated therein, by voting to appropriate \$1,934,000, in lieu of, in replacement of, and in substitution for the \$2,943,000 remaining from the approved appropriation of March 22, 2012, to pay costs of upgrades and improvements to the District’s water system including but not limited to the new construction of an interconnection with the City of Worcester, upgrades to instrumentation, valves, piping, furnish and install 1300 residential water meters, lower the pump in the Grindstone Well, furnish and install aeration mixing system within the Airport water storage tank and engineering associated with the interconnection and all aspects of the project to meet the Massachusetts Department of Environmental Protection requirements, including without limitation all costs thereto; that to meet this appropriation the Treasurer with the approval of the Board of Water Commissioners is authorized to borrow \$1,934,000.00 (one million nine hundred thirty-four thousand dollars) and issue bonds or notes therefor under Chapter 44 of the General Laws, or any other enabling authority including authorization to borrow all or a portion of such amount from the United States Department of Agriculture Rural Development Programs and under any other assistance programs available to fund the work within the scope of this article.

**BALLOT VOTE: TOTAL VOTES CAST – 87**

**TOTAL YES VOTES – 45**

**TOTAL NO VOTES – 42**

**2/3 VOTE NEEDED TO PASS = 58**

**ARTICLE ONE - FAILS**

**ARTICLE II – AMEND FY 2017 OPERATING BUDGET**

A motion was made and seconded to amend the vote adopted under Article Four (4) of the Warrant at the May 19, 2016 Annual District Meeting by adding a line item to the Fiscal Year 2017 Operating Budget titled “City of Worcester Water Usage Fees” and thereby increasing the Fiscal Year 2017 Operating Budget in the amount of (\$286,000.00) Two Hundred Eighty Six Thousand Dollars, which line item shall be funded from a transfer from free cash.

**BALLOT VOTE: TOTAL VOTES CAST – 80**

**TOTAL YES VOTES – 58**

**TOTAL NO VOTES – 22**  
**2/3 VOTE NEEDED TO PASS = 54**  
**ARTICLE ONE - PASSES**

The meeting adjourned at 10:32 p.m. by Mr. Victor M. Taylor, Moderator.

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 Special District Meeting, October 20, 2016.

A TRUE COPY ATTEST:

CARLA A. DAVIS, DISTRICT CLERK

(SEAL)

**CHERRY VALLEY & ROCHDALE WATER DISTRICT  
RECORD OF VOTE – SPECIAL DISTRICT MEETING  
DECEMBER 6, 2016**

A meeting of the Cherry Valley and Rochdale Water District was held at the Leicester Town Hall, 3 Washburn Square, Leicester, MA 01524, on Tuesday, December 6, 2016. Two hundred and sixteen (216) were in attendance, all of who were eligible voters.

The Special District Meeting was called to order at 7:42 p.m. by Mr. Victor M. Taylor, Moderator.

**WAIVE READING OF SPECIAL MEETING WARRANT**

A motion was made and seconded to **waive the reading of the SPECIAL MEETING WARRANT** as it is included in the handout prepared for tonight's meeting and in the hands of the Voters.

**VOTE BY SHOW OF VOTER ID CARDS: OVERWHELMING MAJORITY VOTE. PASSED**

**BALLOT VOTE**

Passed Over – No vote taken

**ARTICLE I – INTERCONNECTION PROJECT**

A motion was made and seconded to amend and supersede the vote adopted under Article One (1) of the warrant at the Special District meeting held on March 22, 2012 which authorized the appropriation of \$3,500,000.00 (Three Million Five Hundred Thousand Dollars) for the purposes stated therein, by voting to appropriate \$1,934,000 (One Million Nine Hundred Thirty-Four Thousand Dollars), in lieu of, in replacement of, and in substitution for the \$2,943,000 (Two Million, Nine Hundred and Forty Three Thousand) remaining from the approved appropriation of March 22, 2012, to pay costs of upgrades and improvements to the District's water system including but not limited to the new construction of an interconnection with the City of Worcester, upgrades to instrumentation, valves, piping, furnish and install 1300 residential water meters, lower the pump in the Grindstone Well, furnish and install aeration mixing system within the Airport water storage tank and engineering associated with the interconnection and all aspects of the project to meet the Massachusetts Department of Environmental Protection requirements, including without limitation all costs thereto; that to meet this appropriation the Treasurer with the approval of the Board of Water Commissioners is authorized to borrow \$1,934,000.00 (One Million Nine Hundred Thirty-Four Thousand Dollars) and issue bonds or notes therefor under Chapter 44 of the General Laws, or any other enabling authority including authorization to borrow all or a portion of such amount from the United States Department of Agriculture Rural Development Programs and under any other assistance programs available to fund the work within the scope of this article.

**VOTE BY SHOW OF VOTER ID CARDS: TOTAL VOTES CAST – 188**

**TOTAL YES VOTES – 62**

**TOTAL NO VOTES – 126**

**2/3 VOTE NEEDED TO PASS = 126**

**ARTICLE ONE - FAILED**

**ARTICLE II – AMEND FY 2017 OPERATING BUDGET**

A motion was made and seconded to amend the vote adopted under Article Two (2) of the Warrant at the October 20, 2016 Special District Meeting by increasing the line item to the Fiscal Year 2017 Operating Budget titled "City of Worcester Water Usage Fees" by \$71,500.00 (Seventy-One Thousand Five Hundred-Dollars) and thereby increasing the Fiscal Year 2017 Operating Budget in the amount of \$357,500.00 (Three Hundred and Fifty-Seven Thousand, Five Hundred Dollars) of which the line item shall be funded from a transfer from free cash.

**VOTE BY SHOW OF VOTER ID CARDS: TOTAL VOTES CAST – 162**

**TOTAL YES VOTES – 156**

**TOTAL NO VOTES – 6**

**2/3 VOTE NEEDED TO PASS = 108**

**ARTICLE TWO - PASSED**

**ARTICLE INSERT – RECONSIDERATION OF ARTICLE I**

A motion was made and seconded to vote in reconsideration of Article I.

**VOTE BY SHOW OF VOTER ID CARDS: TOTAL VOTES CAST – 163**

**TOTAL YES VOTES – 60**

**TOTAL NO VOTES – 103**

**2/3 VOTE NEEDED TO PASS = 82**

**ARTICLE INSERT - FAILED**

**ARTICLE III – AMEND FY 2017 OPERATING BUDGET**

A motion was made and seconded to amend the vote adopted under Article Four (4) of the Warrant at the May 19, 2016 Annual District Meeting by adding a line item to the Fiscal Year 2017 Operating Budget titled “Interconnection/Booster Station Rental Fees” and thereby fund the line item to the Fiscal Year 2017 Operating Budget titled “Interconnection/Booster Station Rental Fees” by \$52,000.00 (Fifty-Two Thousand- Dollars) and thereby increasing the Fiscal Year 2017 Operating Budget in the amount of \$52,000.00 (Fifty-Two Thousand- Dollars), of which the line item shall be funded by a transfer from free cash.

**VOTE BY SHOW OF VOTER ID CARDS: TOTAL VOTES CAST – 137**

**TOTAL YES VOTES – 129**

**TOTAL NO VOTES – 8**

**2/3 VOTE NEEDED TO PASS = 92**

**ARTICLE THREE - PASSED**

**ARTICLE IV – AMEND RESERVE ACCOUNT**

A motion was made and seconded to amend the vote adopted under Article Five (5) “Reserve Account” of the Warrant at the May 19, 2016 Annual District Meeting by increasing the original Free Cash transfer of \$50,000.00 (Fifty-Thousand-Dollars) by an additional \$50,000.00 (Fifty-Thousand-Dollars) for a total amount of \$100,000.00 (One Hundred Thousand Dollars).

**VOTE BY SHOW OF VOTER ID CARDS: TOTAL VOTES CAST – 113**

**TOTAL YES VOTES – 108**

**TOTAL NO VOTES – 5**

**2/3 VOTE NEEDED TO PASS = 76**

**ARTICLE FOUR - PASSED**

**ARTICLE V – OLNEY STREET MAIN REPLACEMENT**

A motion was made and seconded to transfer from free cash the sum of \$25,000.00 (Twenty-Five-Thousand-Dollars) to fund the replacement of the (2) inch water main located on Olney Street, including but not limited to the installation of a new (2) inch water main, the relocation and installation of new water services, construction and excavation equipment rental, police details, backfill materials such as processed gravel and sand, asphalt, flowable fill, pipe, fittings and appurtenances.

**VOTE BY SHOW OF VOTER ID CARDS: TOTAL VOTES CAST – 105**

**TOTAL YES VOTES – 99**

**TOTAL NO VOTES – 6**

**MAJORITY VOTE NEEDED TO PASS = 50**

**ARTICLE FIVE - PASSED**

**ARTICLE VI – BOOSTER STATION WATER PUMP**

A motion was made and seconded to transfer from free cash the sum of \$49,000.00 (Forty-Nine-Thousand-Dollars) to fund the purchase and installation of a 3-phase electric water pump, variable drive controller, flow meter, associated parts and fittings and accessories and related equipment to enable the installation thereof, including but not limited to, electric wiring, low voltage signal lines and relays, pressure switches, solenoids and labor.

**VOTE BY SHOW OF VOTER ID CARDS: TOTAL VOTES CAST – 108**

**TOTAL YES VOTES – 104**

**TOTAL NO VOTES – 4**

**MAJORITY VOTE NEEDED TO PASS = 53**

**ARTICLE SIX - PASSED**

The meeting adjourned at 9:27 p.m. by Mr. Victor M. Taylor, Moderator.

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 Special District Meeting, December 6, 2016.

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.

One Bell & Gossett techno force booster pump system.

One Krone electromagnetic flow meter.

One ten foot steel storage container.