

1910

2022

112th
**ANNUAL
REPORT**



CHERRY VALLEY & ROCHDALE WATER DISTRICT

Ending June 30, 2022

OFFICERS OF THE DISTRICT

June 30, 2020

WATER COMMISSIONER

Kevin M. Bergin	May, 2003
Arthur E.J. Levesque	May, 2003
Robert H. Lemieux, Sr.	May, 2019

TREASURER

Jennifer Wood	May, 2013
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ASSISTANT TREASURER

Benjamin J. Morris	August, 2017
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DISTRICT CLERK

Cheryl Balkus	August, 2018
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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 Leafiang	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
Michael L. DellaCava, Sr.	May, 2005 to May 2019

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 to August, 2018
Cheryl Balkus	August, 2018

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 to July 2017
Benjamin J. Morris	August 2017

* Deceased

CHERRY VALLEY AND ROCHDALE WATER DISTRICT'S
112th ANNUAL REPORT
PERIOD ENDING JUNE 30, 2022

Greetings:

Your Board of Water Commissioners respectfully submits their 112th Annual Report for fiscal year ending June 30, 2022.

The Cherry Valley & Rochdale Water District had a very busy fiscal year. The items in this report are updates to the events and tasks that the District has been working on for the past year.

The District, as every municipality has continued to navigate through the changes that COVID-19 Pandemic has created. District operations have continued to move forward and over the past year. Since the last report, the District and its staff has continued to work to maintain and improve the systems operations. System maintenance has become the main objective for the District staff over the past few years. There is extensive focus on improving Distribution assets through the valve-exercising program, while improving water quality through routine water tank inspections and bi-annual system hydrant flushing. These tasks are just a small portion of what goes into the day-to-day operations of your water utility.

METER UPGRADES

In 2016, the District began the process of upgrading customers' water meters. Previous meter installation upgrades began in 2007 and completed in 2012. There are over 1240 meters located within the District. The new style meter the District is installing in customer's homes has an extended life period. These new meters have a 15-20-year life span compared to meters in earlier years that typically lasted 8-12 years on average.

The current meter contains a cellular based reading system, providing new benefits to the ratepayers and the District. Water usage reads are now accessible in the office on a daily basis, eliminating the need for operators to drive by homes on a monthly basis to read meters as previously required by the old style meter. Once the meter is installed in a home and connected to the cellular network, residents are given access to their water usage data through either a smart phone app or a website link. Residents can also receive alerts when they may have a leak inside the home. With the advances in the metering technology, it is allowing the homeowner and the District to have more information about water consumption readily available. Since the start of this program, District staff has been able to assist many ratepayers in locating and fixing small leaks within their home in a timely fashion. In the past, it may have taken as long as 30 days for the homeowner to be alerted that, there was an issue in their property that was essentially costing them money. This past year, the District was able to upgrade and install 100 new meters. Currently, the District has just over 475 meters in the upgraded system. As we continue to upgrade meters in the system, we encourage any homeowner who would like to have their meter upgraded to contact the office.

GRINDSTONE REACTIVATION

At the annual meeting in June of 2020, the District voters allocated the necessary funds to engineer, design and construct the needed changes to the treatment system to place the grindstone well back into operation. The reactivation of the Grindstone well was voted on through two separate articles with two objectives to be completed. In order for the well to be activated, changes needed to be made to the previous infrastructure at the District office. The original concept design planned to convert the old clear well into a holding tank to take on the treated water from Grindstone, as well as installing a pipe that would allow a portion of Worcester Water to enter the holding tank to offset the demand going to the Rochdale Service area. Completion of this portion of the project will allow the well to go online as well as address pressure deficiencies in the Henshaw Street area near the Water District facility. A separate article approved the reactivation of the Grindstone well.

With the well reactivated, the demand to purchase water from Worcester is going to decrease. The anticipated savings will be reflected into the District's operations budget once everything is fully activated and operational.

Modifications and changes to the original concept have been made to simplify the design and optimize the

future operation of the proposed system. The new modifications will eliminate the use of the clear well by installing two pump systems in the preexisting pumping station. One pump will pump water from the grindstone well holding tank to the Rochdale section of the system. The second pump system will be connected to the Worcester feed side to offset any demand deficiencies the well cannot meet running on its own. With the design modifications, the District will still accomplish the same objectives as the original design. To lessen the overall cost of the project, the District staff has taken on different aspects of the project in house including excavation and installation of water sampling lines, installation of 180ft of 6-inch water main, and filter media removal. In November of 2021, the Baystate Regional Contractors was awarded the contract to complete the remaining work to place the well into operation. Due to supply chain issues, the period for completion of this project has been slightly delayed and is anticipated on being completed in mid to late June of 2022.

Hydrant Flushing

The Water District works to flush fire hydrants within the Distribution system based off a Mass DEP recommendation to conduct system flushing twice per year. The purpose of hydrant flushing is to clean the debris that builds up inside the water mains out and increase water quality. The District utilizes a hydrant-flushing program known as Uni-directional Flushing (UDF). Uni-directional Flushing is a hydrant flushing method that requires isolation of sections of the distribution system to increase pressure and volume, scouring the debris and build up inside the water mains, flushing them out. This method enhances water quality, maintains chlorine residuals throughout the distribution system and verifies proper operation of hydrants and valves. During 2021 Unidirectional, flush was completed in both the spring and fall months. Unidirectional flushing is planned if not already completed for spring of 2022.

Valve Exercising

In 2018, District staff began implementing a valve-exercising program. Valve exercising is a task that MassDEP recommends all water utilities complete on an annual basis. This task ensures that all control valves in the street are in functional working condition in case they are needed in an emergency. In order to conduct this program, the staff researched through old record drawings to find the locations of valves throughout the system. The system has been divided into 3 different sections, with one section being complete each year. Last year District staff completed the third section of the systems valves. In coming year, the program will start over again with the first section being exercised.

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. The District's staff continues to conduct monthly hydrant-to-hydrant surveys to avoid wasteful and costly system water leaks. In the last year, this program has helped staff locate numerous leaks. This allowed District Staff to address these leaks in a timely manner in order to minimize the effect on the ratepayers.

In addition to in house monthly leak detection, MassDEP requires the district to conduct a system wide leak survey every 3-5 years. In March of 2021, Prowler Water Conservation was hired to conduct a system leak survey. The results of the survey found two small leaks that if left unnoticed would have resulted in 15,000 gallons per day that was being lost. Both these leaks were fixed upon them being found.

Pending MassDEP Actions

Unilateral Consent Order (UCO)

On November 22, 2016 MassDEP issued a Unilateral Consent 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. The Commissioners deemed this cost 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.

Town of Leicester UPDATE

In 2020, the working group awarded the contract to a Massachusetts based engineering firm, Weston & Sampson. Upon receiving the contract, Weston & Sampson requested the Districts to provide information regarding all aspects of the District's operations.

Throughout 2021, Weston and Sampson held a series of meetings with the Town Select board and all of the towns Water and Sewer Districts to discuss the findings of the report and what potential options were for the town moving forward. Simply put, long term, there is no way to make the Water and Sewer operations less expensive for all parties involved. Consolidations of Districts can be done to help improve efficiencies within the Districts but there is no "silver bullet" to simply consolidate and save everyone money. Since the completion of the report, the Commissioners have met and have determined that it is not their decision as to how the District should move forward with this but it is the people of the District's choice as to how the District should move forward. In order to move forward the Town will need to decide on how they would want to be involved in any of the next phases of a potential consolidation effort of the Districts or a Town take over. Once the District's has some indication of the town's intentions then the effort to bring the decision to the ratepayers will take place.

Annual Water Use Restrictions

As per the provisions of the Water Management Act Permit, the Board of Water Commissioners declared the required District-wide water use restrictions beginning May 1, 2022 and ending October 1, 2022. Details of the restrictions are posted on the District website www.cvrwd.com.

Annual Financial Audit

The firm of Spinnelli Accountant and Advisors CPA conducted the annual financial audit for years ending June 30, 2020 and 2021. The audit concluded that the District continues to demonstrate excellent financial accountability.

For your convenience and review the 2020 – 2021 Audited Statement of Net Assets, Revenue, Expenses, Changes in Net Assets and Cash Flows are published in the 112th Annual Report.

Any questions in regards to this report or any other questions you may have please contact the District Office (508-892-9616) and the Staff will be happy to assist you

Respectfully submitted on behalf of the Commissioners,
Benjamin Morris
Superintendent

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

To: Cheryl Balkus, 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 Town Hall Auditorium, 3 Washburn Square, Leicester, Massachusetts nineteenth day of May, two thousand and twenty-two (May 19, 2022) at seven-thirty P.M. (7:30 P.M.), then and there to act on the following articles:

ONE: MODERATOR

To elect a Moderator to preside at said meeting and for a period of one (1) year thereafter.

PROPOSED MOTION:

I move that the Clerk of the District declare that the polls are open to cast ballots for the election of moderator for a term of one (1) Year.

DESCRIPTION:

This article is an annual procedural article as the Moderator is the individual that will preside over tonight's meeting as well as the beginning of the 2023 Annual Meeting at which time the process is repeated. Additionally, the candidates have met the District By-law requirement of which "Candidates for office must notify the clerk of the district in writing at least three (3) days (72 hours) prior to the meeting date before seeking an office for the Cherry Valley and Rochdale Water District".

TWO: REPORTS

To act on the reports of the District.

PROPOSED MOTION:

I move that the District accept the **printed reports** of the Commissioners on pages **4, 5, and 6** and the District Treasurer on pages **13, 14 and 15** as set forth in the 112th Annual Report.

DESCRIPTION

The printed report of the Commissioners provides the District members with an annual update of the District's activities during fiscal year 2022 and the report of the District Treasurer provides the District members with an update of the District's audited activity during fiscal year ending 2020 and 2021, respectively.

THREE: COMMISSIONER

To elect the following officer by ballot:

A resident from the Cherry Valley service area to hold the office of District Commissioner for a period of three (3) years.

PROPOSED MOTION:

I move that the Clerk of the District declare that the polls are open to cast ballots for the election of Commissioner representing the Cherry Valley service area for a term of three (3) Years.

DESCRIPTION:

The Board of Water Commissioners has three members each serving a three year term. One Commissioner is elected representing the Greenville service area, the Rochdale Service area and the Cherry Valley service area. Each Commissioner must reside within his/her representative service area. The District By-laws require Candidates for the Office of Commissioner must notify the Clerk in writing at least three days (72 hours) prior to the meeting date.

The winner of the election will take effect when annual meeting closed. Absent any directive in bylaw or enabling act.

FOUR: BUDGET

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 2023, 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.

PROPOSED MOTION:

I move that the District vote to appropriate from available funds (water revenue) the sum of **ONE MILLION TWO HUNDRED SIXTY FOUR THOUSAND NINE HUNDRED NINTY THREE DOLLARS AND NINE CENTS (\$1,264,993.09)** for the operating **budget for fiscal year 2023**, as set forth on page **12** of the **112TH** Annual Report, 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.

DESCRIPTION:

This article funds the fiscal year 2023 operating budget, which includes funding all operations of the District, debt service payments and the purchasing of water from the City of Worcester.

FIVE: REVOLING FUND FOR CONSTRUCTION

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.

PROPOSED MOTION:

I move that the District 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(s) being constructed) in connection with any water system design, review, and construction.

DESCRIPTION:

This is a non-money article. This is a house keeping article.

This article establishes a "revolving account for review of new construction projects within the service area of the district". It provides the means for the District to collect funds from the proposer of the new construction project to pay costs including but not limited to, design, plan review, and

inspection of the project being constructed and associated with new construction projects with no impact to the FY23 operating budget and no expense to the district rate payers.

For Example, if a new development came into the district our engineer has to review the plans to make sure it will allow us to supply water to the new development. This warrant article allows us to collect the fees from the new development in order to pay our engineering fees so the cost is not absorbed by the district subscribers.

SIX: REVOLVING ACCOUNT FOR METERS

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.

PROPOSED MOTION:

I move that the District 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.

DESCRIPTION:

This article establishes a “revolving account for water meters”. It provides the means for the District to collect funds to pay costs as outlined in the motion and associated with new construction projects with no impact to the FY23 operating budget.

For example, this allows us to charge new construction for the cost of a meter so it does not affect the operating budget.

This is a non-money article. This is a house keeping article.

SEVEN: REVOLVING ACCOUNT FOR TERMINATION EXPENDITURES

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.

PROPOSED MOTION:

I move that the District vote 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.

DESCRIPTION:

The Board of Water Commissioners are responsible for the financial stability of the district and unfortunately have to implement the termination process in the collection of unpaid water bills. The District would rather work with Individuals in establishing a payment plan to address outstanding water bills. Termination is implemented as the last resort in the collection process.

This article establishes a “revolving account for termination”. It provides the means for the District to collect funds to pay costs as outlined in the motion and associated with district’s termination program with no impact to the FY23 operating budget.

Example: If the District is required to incur costs in connection with terminating a customer's service such as having to dig in the street to turn off the water service, this allows the District to do the work and charge the customer for all the costs relating to the termination rather than having to take the money out of the budget.

EIGHT: PURCHASE VEHICLE

To see if the District will vote to authorize the Board of Water Commissioners to transfer funds from free cash not exceeding seventy thousand (\$70,000.00) to purchase a new F series pickup truck equipped with, but not limited to, plow and associated safety warning systems or to take any action thereon.

PROPOSED MOTION:

I move that the District vote to appropriate from free cash the amounts not to exceed Seventy thousand dollars (\$70,000.00) to enable the District to purchase a new F series pickup truck equipped with, but not limited to, plow, and associated safety warning systems or to take any action thereon.

DESCRIPTION:

The District is looking to purchase a new F Series pickup truck to replace a 2013 Ford F150. The Districts vehicles are aging and maintenance cost are rising currently average vehicle age is 10 years. We are currently limited with the towing capacity of the existing truck. Vehicles are one of the main pieces of equipment that Staff rely-on on a daily basis to continue to maintain and operate the Distribution system. The proposed truck is going to be either an F250 or F350 depending on the period of availability of the chassis due to supply. Either chassis will be equipped with an 8-foot Fisher snowplow, and amber warning light systems.

NINE: HEATING SYSTEM

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 available means for upgrading and replacing the heating system located at 148 Henshaw St Treatment facility and office and all costs associated with making the change.

PROPOSED MOTION:

I move that the District vote to appropriate from available funds or free cash the sum of \$45,000 (Forty Five Thousand Dollars) to upgrade and replace the heating system located at 148 Henshaw St. treatment facility and office.

DESCRIPTION:

The District currently utilizes an aged oil heating system to heat the office and pump station located at 148 Henshaw St. The existing system has been a maintenance issue for the last few years and is inefficient and with oil prices, changing the District is looking at becoming more energy efficient in the heating process. With changes to the Grindstone Well project, the treatment and chemical storage is now being housed in the same building as the aging boiler and heating system. If approved the new heating system will be a combination between Electric Heat Pumps and a propane infrared heating system. Mass Save has been assisting the staff in determining how this system will best suit the District's needs. The proposed amount of the project is the Districts responsible portion. Shall this move forward, Mass Save is contributing up to 25% towards the upgrade. Annually the District will save and no longer needing to purchase approximately 4,000 gallons of oil per year as we have been in past and not having to risk a boiler backfire that would have a negative effect on the Grindstone Treatment facility.

TEN: ENGINEERING FOR SARGENT STREET WATER LINE EXTENSION

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 by available means to enable the District to fund the Engineering portion of the water main extension project on Sargent Street to Reservoir Street and to pay all costs related thereto including engineering services, administrative services, legal services, and construction services, or to take any action thereon.

PROPOSED MOTION:

I move that the District vote to appropriate from available funds or free cash the sum of \$20,000 (Twenty thousand dollars and zero cents) to enable the District to fund the Engineering of an extension of the water main from Sargent Street to Reservoir Street and to pay all costs related thereto including engineering services, administrative services, legal services, and construction services.

DESCRIPTION:

In the System Hydraulic Study completed in 2018, a deficiency of flow and system resiliency in the area of the interconnection was located. This article allows the District to design the extension of the water main from the area of 74 Sargent St down to the intersection of Reservoir St with a new 12" water main. This water main will improve flow to the system coming in from the Worcester Interconnection and become a redundant supply coming from the Interconnection.

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 19th day of April, in the year of Our Lord, two thousand twenty-two (April 19, 2022).

Respectfully submitted,

Kevin M. Bergin, Chairman

Arthur E.J. Levesque, Commissioner

Robert H. Lemieux, Sr. Commissioner

A TRUE COPY, ATTEST:

Cheryl Balkus, District Clerk

(SEAL)

"This institution is an equal opportunity provider, and employer."

CHERRY VALLEY AND ROCHDALE WATER DISTRICT			
FISCAL YEAR, 2023 BUDGET			
ACCOUNT	FY 2022		FY 2023
	APPROVED		PROPOSED
ACCOUNTING	\$ 13,000.00		\$ 13,000.00
CHEMICAL SUPPLIES	\$5,000.00		\$ 8,890.16
CITY OF WORCESTER	\$390,000.00		\$275,000.00
CONSULTING SERVICE	\$ 16,000.00		\$ 15,000.00
CONTINUING ED	\$ 7,500.00		\$ 7,500.00
MA DEP-U.S. EPA MANDATES			
CONSUMER CONFIDENCE REPORT			
DEP SDWA ASSESSMENT	\$ 750.00		\$ 700.00
LEAK DETECTION AND STAND PIPE INSPECTIONS	\$ 10,000.00		\$10,000.00
MASTER METERS CALIBRATION	\$ 1,000.00		\$ 1,000.00
ELECTRICITY	\$ 15,000.00		\$ 25,201.55
FIELD SUPPLIES	\$ 7,000.00		\$ 8,050.00
HEAT	\$ 9,170.00		\$ 12,617.50
INSURANCE	\$ 116,747.08		\$ 117,369.57
LAB WORK	\$ 17,000.00		\$ 22,497.00
LEGAL FEES	\$ 10,000.00		\$ 9,000.00
METERS	\$ 33,700.00		\$ 35,000.00
MISCELLANEOUS	\$ 500.00		\$ 500.00
MOTOR VEHICLE EXP	\$ 11,550.00		\$ 12,600.00
OFFICE EXPENSES	\$ 17,500.00		\$ 18,410.00
OFFICER'S SALARY	\$ 6,400.00		\$ 6,400.00
PAYROLL	\$ 291,065.82		\$ 302,484.62
PIPES	\$ 15,000.00		\$ 15,000.00
POSTAGE	\$ 7,000.00		\$ 7,000.00
PROPERTY TAX	\$ 4,500.00		\$ 4,500.00
REPAIR/MAINT	\$ 15,000.00		\$ 16,500.00
RETIREMENT	\$ 66,539.00		\$ 74,612.00
SERVICES	\$ 14,800.00		\$ 15,309.00
SMALL TOOLS	\$ 3,000.00		\$ 3,300.00
SUB CONTRACTORS	\$ 42,000.00		\$ 42,000.00
TECHNOLOGY	\$ 18,339.00		\$ 18,820.19
TELEPHONE	\$ 3,220.00		\$ 3,531.50
Sub Total A	\$ 1,168,280.90		\$ 1,101,793.09
Capital	\$ 20,000.00		\$ 20,000.00
Debt Service			
MA Water Pollution Abatement Trust	\$ 93,000.00		\$93,200.00
Reserve	\$ 50,000.00		\$ 50,000.00
Sub Total B	\$ 163,000.00		\$ 163,200.00
Required Revenue (A+B)	\$ 1,331,280.90		\$ 1,264,993.09

**CHERRY VALLEY AND ROCHDALE WATER DISTRICT
STATEMENTS OF NET ASSETS
JUNE 30, 2021 AND 2020**

	<u>2021</u>	<u>2020</u>
CURRENT ASSETS		
Cash and Cash Equivalents	\$ 1,884,071	\$ 1,752,486
Accounts Receivable	53,430	58,473
Water Liens Receivable	77,603	35,511
Prepaid Expenses	80,561	20,374
Total Current Assets	2,095,665	1,866,844
CAPITAL ASSETS, NET	3,084,053	3,135,602
OTHER ASSETS		
Deferred Outflows	114,592	110,246
Total Other Assets	114,592	110,246
TOTAL ASSETS	\$ 5,294,310	\$ 5,112,692
LIABILITIES AND NET ASSETS		
CURRENT LIABILITIES		
Accounts Payable	\$ 9,762	\$ 6,395
Accrued Expenses	54,132	47,926
Due to Cherry Valley Sewer District	13,492	1,318
Deferred Revenue	10,803	9,000
Current Portion of Long-Term Debt	104,122	103,578
Total Current Liabilities	192,311	168,217
LONG-TERM LIABILITIES		
Long-Term Debt, Net of Current Portion and Unamortized Debt Issuance Cost	473,744	580,114
Deferred Inflows	84,539	68,704
Net Pension Liability	805,343	787,022
Total Long-Term Liabilities	1,363,626	1,435,840
Total Liabilities	1,555,937	1,604,057
NET ASSETS		
Invested in Capital Assets, Net of Related Debt	2,506,187	2,451,910
Unappropriated Fund Balances	739,367	403,025
Reserved for Continued Appropriations	492,819	653,700
Total Net Assets	3,738,373	3,508,635
TOTAL LIABILITIES AND NET ASSETS	\$ 5,294,310	\$ 5,112,692

**CHERRY VALLEY AND ROCHDALE WATER DISTRICT
STATEMENTS OF REVENUES, EXPENSES AND CHANGES IN NET ASSETS
FOR THE YEARS ENDED JUNE 30, 2021 AND 2020**

	<u>2021</u>	<u>2020</u>
OPERATING REVENUES		
Water Revenue - Net of Refunds	\$ 1,293,166	\$ 1,270,819
Other Revenues	24,900	31,639
Penalties Invoiced Customers	6,360	12,045
	<hr/>	<hr/>
Total Operating Revenues	1,324,426	1,314,503
OPERATING EXPENSES		
Payroll and Related Expenses	352,546	365,613
Depreciation Expense	141,680	146,435
Insurance and Surety Bond	116,028	104,507
Dues	91,486	92,827
Supplies and Materials	87,871	133,683
Other Operating Expenses	36,487	17,475
Outside Services	36,295	76,338
Meters	29,655	31,642
Utilities	24,281	33,680
Sampling Equipment and Lab Fees	15,099	24,543
Professional Services	15,095	19,443
Service Agreement Reimbursements	(131,312)	(135,542)
	<hr/>	<hr/>
Total Operating Expenses	815,211	910,644
OPERATING INCOME	<hr/>	<hr/>
	509,215	403,859
NON-OPERATING REVENUES (EXPENSES)		
Subsidy Revenue	29,303	29,888
Tower Rental	21,295	20,672
Interest Income	2,624	10,654
Interest Expense	(14,396)	(6,806)
City of Worcester	(318,303)	(357,556)
	<hr/>	<hr/>
Total Non-Operating Expenses	(279,477)	(303,148)
CHANGE IN NET ASSETS	<hr/>	<hr/>
	229,738	100,711
NET ASSETS, BEGINNING OF YEAR	<hr/>	<hr/>
	3,508,635	3,407,924
NET ASSETS, END OF YEAR	<hr/> <hr/>	<hr/> <hr/>
	\$ 3,738,373	\$ 3,508,635

**CHERRY VALLEY AND ROCHDALE WATER DISTRICT
STATEMENTS OF CASH FLOWS
FOR THE YEARS ENDED JUNE 30, 2021 AND 2020**

	<u>2021</u>	<u>2020</u>
CASH FLOWS FROM OPERATING ACTIVITIES		
Received from Customers	\$ 1,298,209	\$ 1,270,396
Other Operating Revenue	3,145	45,945
Paid to Employees and Professional Contractors for Services	(340,811)	(345,827)
Paid to Suppliers for Goods and Services	(353,524)	(406,350)
	607,019	564,164
CASH FLOWS FROM CAPITAL AND RELATED FINANCING ACTIVITIES		
Interest Income	2,624	10,654
Grant and Subsidy Revenue	29,303	29,888
Tower Rental Income	21,295	20,672
Interest Paid on Long-Term Debt	(14,396)	(6,806)
Acquisition of Fixed Assets	(90,131)	(36,301)
Principal Paid on Long-Term Debt	(105,826)	(100,384)
City of Worcester	(318,303)	(357,556)
	(475,434)	(439,833)
NET CHANGE IN CASH AND CASH EQUIVALENTS	131,585	124,331
CASH AND CASH EQUIVALENTS, BEGINNING OF YEAR	1,752,486	1,628,155
CASH AND CASH EQUIVALENTS, END OF YEAR	\$ 1,884,071	\$ 1,752,486
RECONCILIATION OF OPERATING INCOME TO NET CASH PROVIDED BY OPERATING ACTIVITIES		
Changes in Operating Activities	\$ 509,215	\$ 403,859
Adjustments to Reconcile Operating Income to Net Cash Provided by Operating Activities:		
Depreciation Expense	141,680	146,435
Changes in Assets and Liabilities:		
Accounts Receivable	5,043	(423)
Water Liens Receivable	(42,092)	180
Prepaid Expenses	(60,187)	(154)
Deferred Outflows	(4,346)	5,116
Deferred Revenue	1,803	-
Accounts Payable	3,367	(41,280)
Accrued Expenses	6,206	15,147
Due to Cherry Valley Sewer District	12,174	2,081
Deferred Inflows	15,835	25,360
Pension Liability, Net of Inflows and Outflows	18,321	7,843
NET CASH PROVIDED BY OPERATING ACTIVITIES	\$ 607,019	\$ 564,164

SALARIES OF ELECTED OFFICIALS FY 2022

1 CHAIRMAN	\$2,191.18	Annually
2 COMMISSIONERS	\$2,091.18	Annually

CVRWD MONTHLY WATER RATES

MONTHLY BASE CHARGE:	\$25.00
0-1000 CF	\$0.1164/CF
EXCESS OF 1,001 CF BUT NOT GREATER THAN 1,500 CF	\$0.1508/CF
EXCESS OF 1,501 CF BUT NOT GREATER THAN 2,000 CF	\$0.1732/CF
EXCESS OF 2,000 CF	\$0.1984/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 15th of each month. After the 15th of the month, the customer is charged a \$5.00 penalty per service.

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 Purchased In 2021

January	4,585,297	July	4,875,453
February	4,332,422	August	5,107,344
March	4,704,922	September	4,775,984
April	4,982,406	October	5,206,797
May	5,600,297	November	4,585,297
June	5,357,234	December	4,784,906

Total in 2020 67,212,083 gallons = Avg. of 184,143 gpd

Total in 2019 74,710,440 gallons = Avg. of 204,686 gpd

Total in 2018 73,262,885 gallons = Avg. of 200,720 gpd

Total In 2017 79,152,994 gallons = Avg. of 216,857 gpd

Total In 2016 100,343,586 gallons = Avg. of 274,914gpd

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

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

Hydrants	Cherry Valley	80
	Rochdale	73
	Oxford	11
	Total	164

Sprinklers in thirteen businesses supplying + 10,470 heads

In August of 2017 the Master meter had stopped working, the City of Worcester then started billing us based off of past usage, therefore the amounts listed in months from January through September are estimated amounts. The meter was replaced and activated in October of 2018 as part of the Automation of the Interconnection Upgrade project.

**CHERRY VALLEY AND ROCHDALE WATER
RECORD OF VOTE – 111TH ANNUAL MEETING
MAY 20, 2021**

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 20, 2021. Thirty-Two (32) were in attendance, all of who were eligible voters.

The Annual Meeting was called to order at 7:30 p.m. by Mr. John Shocik. A motion was made and seconded to **waive the reading of the Annual Warrant**, for it is published on pages 8-12 of the 111th Annual Report, which was in the hands of the voters.

VOTED: UNANIMOUS. APPROVED.

ARTICLE I – MODERATOR

A motion was made and seconded to nominate **John Shocik** 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 111th Annual Report.

VOTED: UNANIMOUS. APPROVED.

ARTICLE III - ELECTION OF OFFICERS

The Following Officers Were Elected:

District Commissioner for Three (3) Years: **Arthur Levesque**

VOTED: UNANIMOUS. APPROVED.

ARTICLE IV - FY 22 BUDGET

A motion was made and seconded, and the district voted to appropriate from available funds (water revenue) the sum of **ONE MILLION THREE HUNDRED THIRTY ONE THOUSAND TWO HUNDRED EIGHTY DOLLARS AND NINETY CENTS (\$1,331,280.90)** for the operating **budget for fiscal year 2022**, as set forth on page 13 of the 111th Annual Report, 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.

VOTED: MAJORITY. APPROVED.

ARTICLE V – 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 VI - 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 VII - 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: MAJORITY. APPROVED.

ARTICLE VII – AMENDMENT OF CLEAR WELL ARTICLE

A Motion was made and seconded, and the district voted to transfer from available funds or free cash the sum of THREE HUNDRED AND FIFTY-FIVE THOUSAND DOLLARS (\$355,000.00) to enable District to pay the costs associated converting the Clear Well to a holding/ distribution tank, to enable the District to pay all costs associated with a revised design which will activate the grindstone well and alleviate pressure drops in the system when the booster pump is running, including the costs of engineering services, legal services, and construction services, or to take any action thereon.

VOTED: UNANIMOUS. APPROVED

ARTICLE XI – CHANGE TO ENABLING ACT

A motion was made and seconded, and the District voted to transfer from available fund or free cash the sum of THREE THOUSAND DOLLARS (\$3,000.00) to enable the Board of Commissioner's to revise the proposed amendment to the District's enabling acts which proposed amendment was approved by the District as Article One of Warrant for the Special District Meeting held on November 19, 2019, to address issues raised by legal counsel to the House of Representatives for the Commonwealth of Massachusetts, at the sole cost of the District, or to take any action thereon.

VOTED: UNANIMOUS. DENIED

ARTICLE V – LEASE PURCHASE VEHICLE

A motion was made and seconded to authorize the Board of Commissioners, in accordance with Chapter 44, Section 21C of the Massachusetts General Laws, to enter into a lease purchase financing agreement to acquire a 2021 Ford F-550 Dump Truck, which lease purchase agreement may be financed by the issuance of debt under Chapter 44, for a term of five years, and to appropriate the first year payment of TWELVE THOUSAND SEVEN HUNDRED FORTY DOLLARS AND TWENTY ONE CENTS (\$12,740.21) from free cash with the remaining four yearly payments to be raised and appropriated as part of the District's annual budget, or take any action thereon.

VOTED: MAJORITY. DENIED

The meeting adjourned at 9:39 P.M.

I, Cheryl A. Balkus, 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 20, 2021.

A TRUE COPY ATTEST:

Cheryl A. Balkus, DISTRICT CLERK

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.

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.

One 8" Sensus Omni F2 Flowmeter

One 8" Val-Matic Butterfly valve