



ANNUAL REPORT

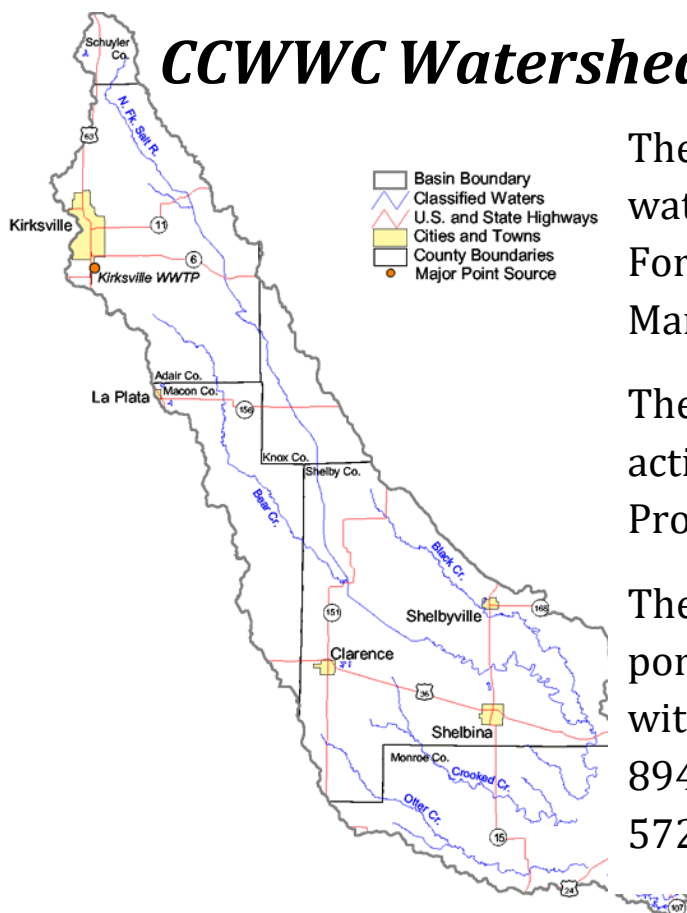
FY 2024

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Mission Statement

The Clarence Cannon Wholesale Water Commission (CCWWC) is a wholesale supplier of high quality potable water to the region through its Member communities and public water supply districts. The CCWWC will produce and distribute drinking water to its Members that meets or exceeds state and federal water quality standards. This service will be provided at a reasonable cost, consistent with sound business practices to maximize efficiency and productivity. The CCWWC is a leader in the development of regional water systems and will support the growth of such systems as a means of solving water supply problems. The CCWWC is committed to providing training, service and support to its Members and employees. Preservation and wise use of natural resources, particularly water resources, and public awareness of the issues facing the water profession are major concerns of the CCWWC that shall be cultivated as we pursue our mission.



The Commission draws water from the North Fork of the Salt River in Mark Twain Lake.

The Commission has and active Source Water Protection Program.

The Watershed includes portions of 6 counties with a drainage area of 894 mi², approximately 572,160 acres.

Authority and Organization

The Clarence Cannon Wholesale Water Commission (CCWWC, or Commission) is a Joint Municipal Utility Commission organized under §393.700 to §393.770 of the Revised Statutes of the State of Missouri. The Commission is a political subdivision of the State of Missouri. The CCWWC was officially established on October 3, 1983. In Fiscal Year 2024 there were fourteen cities and nine rural water districts making up the 23 Member systems that own the Commission.

The first phase of the CCWWC system was constructed in 1991-92 and was financed with revenue bonds in the amount of \$21.8 million along with state and federal grant funds in the amount of \$2.84 million. There were thirteen Member systems at that time. The production and sale of water to Members began on June 16, 1992. Since the original construction phase, the CCWWC has had four transmission system expansion projects. These projects have resulted in the addition of eleven purchasing Members which was reduced by one when Armstrong was absorbed by Thomas Hill PWSD. The Commission also more than doubled its treatment capacity in 2007 by completing a plant expansion.

The current production and distribution facilities include a 10 million gallons per day (MGD) surface water treatment plant located on Mark Twain Lake near Florida, Missouri, 310.5 miles of transmission mains, 6 booster pumping stations, and 8 storage tanks that have a storage capacity totaling 7.48 million gallons. Fiscal Year 2024 water sold averaged 4.09 MGD and was distributed to 14 counties in Northeast Missouri.

A Board of Directors governs CCWWC. Each contracting municipality or public water supply district governing body appoints a director and alternate director to sit on the board. The board has the responsibility for the management, administration and regulation of the business affairs of the CCWWC. They set rates for the sale of wholesale water to contracting parties. Rates are typically reviewed and modified (if necessary) yearly in October to coincide with the beginning of the fiscal year.

CCWWC has twelve dedicated employees that treat water, operate and maintain both the water treatment plant and distribution system, and perform administrative functions. The employees, their job titles, and start dates at CCWWC are listed below. You can see there is a wealth of experience and knowledge managing the water system.

Heath Hall – General Manager – 2020
Scott Allen – WTP Manager/Chief Operator – 1992
Todd Keller – Administrative Assistant/Custodian of Records – 1996
Joe Smith – Day Shift Operator – 1992
Rick McAfee – Day Shift Operator – 2011
Darin Clithero – Night Shift Operator – 2001
Taylor Ragland – Night Shift Operator – 2022
Kurtis Arnett – Maintenance – 2002
Nick Ward – Maintenance/Relief Operator – 2022
Howard Smothers – Distribution Supervisor – 2010
Allan DeOrnellas – Distribution Operator – 2023
Alan Crow – Distribution Operator – 2023

The operation and maintenance of the Water Treatment Plant was under contract operations from 1992 until June of 2023 by several differing company names, but mostly the same local people. In June of 2023, the seven contract operators became CCWWC employees as the contract operations agreement expired and was not renewed. We are extremely satisfied with the transition and outlook to the future at CCWWC.

General Manager's Letter

September 30, 2024

Clarence Cannon Wholesale Water Commission Board of Directors:

We completed another fiscal year in a good financial position. The plant and distribution system continue to provide high quality drinking water at competitive costs to our Members, who in turn, serve a large part of fourteen counties in northeast Missouri.

Knox County PWSD#1 added 25,000 gpd of contracted water in December of 2023. Cannon WSD added 20,000 gpd of contracted water in May of 2024. They intend to install an additional point of connection to the CCWWC system between the WTP and the Florida Tank to elevate some high seasonal demands in their system. After these two contracted water additions and the commitment in the future to Laddonia, CCWWC management made the tough decision to not allow any more contracted water additions to the system until an updated Master Plan could be completed.

Also, for the first year in about a decade, seasonal water was not available to members. The distribution system was not able to handle the additional load that seasonal water could place on it. The CCWWC Board commissioned a Master Plan to study the distribution system shortcomings and recommendations for improvements to accommodate growth with the current members as well as prospective future members. The Master Plan was presented in draft form and is nearing completion. The document can be a guide for future planning at CCWWC.

The connection project with the City of Laddonia continued to move forward during the fiscal year, and it will likely be completed in the spring of 2025, with most of the construction occurring over the winter months. This will add one new member to CCWWC, and 70,000 gpd of contracted water and around 50,000 gpd of usage. The approximate \$2 million project is being funded with 75% grant from the Missouri Department of Natural Resources State Revolving Fund Loan program. The remaining 25% will be in the form of a low interest loan from MoDNR.

Unfortunately, a similar connection project with Monroe City was discontinued, as they are experiencing financial misfortune issues. Monroe City did commit to reimbursing CCWWC for all associated costs of the prior to suspending the project, totaling approximately \$270,000.

In the coming years, we plan to set money aside more for Capital Improvements to replace and upgrade some of the original 1992 equipment and facilities. Planning for the future, financially, operationally, and with appropriate personnel, is constantly on my mind. Thank you to the Board of Directors for the opportunity to serve them and the CCWWC Members.

Sincerely,

Heath N. Hall

hhall@clarencannonwater.org

General Manager

CLARENCE CANNON WHOLESALE WATER COMMISSION

Board of Directors

SEPTEMBER 30, 2024

Bowling Green, City of	Director LaDon Atkinson	Alt Director Zach Johnson
Cannon WD #1	Director Rhonda J. Elliott	Alt Director John Kendrick
Curryville, City of	Director Walter Haddock	Alt Director Sherri Noel
Edina, City of	Director Rick Yoakum	Alt Director Mike Wriedt
Farber, City of	Director Mike Atkinson	Alt Director Barbara Straube
Huntsville, City of	Director Connie Kissell	Alt Director Brian Kissell
Knox County PWSD #1	Director Gary Mallett	Alt Director Shirley Henderson
La Belle, City of	Director Wayne Rudd	Alt Director Keith Strange
Lewis County PWSD #1	Director Roger Goings	Alt Director Amy Klocke
Lewistown, City of	Director Wes Sharpe	Alt Director Eric Corrick
Macon County PWSD #1	Vice-Chairman David G. Waller	Alt Director Brian Bender
Madison, City of	Director Kevin Thomas	Alt Director Shannon Breid
Marion County PWSD #1	Secretary Herman Yoder	Alt Director Tanner Tuley
Monroe County PWSD #2	Director Adam Turner	Alt Director Hilary Crum
New London, City of	Director Mary Jane White	Alt Director Keith Miller
Paris, City of	Director Darrin DeOrnellis	Alt Director Barb McCall
Perry, City of	Director Don Huff	Alt Director Sonya Johnston
Pike County PWSD #1	Director Mike Kurz	Alt Director Janice Luebrecht
Shelby County PWSD #1	Chairman Tony Stiefel	Alt Director Philip Magruder
Shelbyville, City of	Director Randy Shores	Alt Director Mike VanSike
Thomas Hill PWSD #1	Treasurer Merl Lee Riley	Alt Director Travis Ginter
Vandalia, City of	Director Lawrence Henson	Alt Director Mike Smith
Wellsville, City of	Director Howard Steele	Alt Director Jake Sewel

System Performance

Table 1: Ten Year Overall System Statistics

Fiscal Year	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024
Total Raw Water Pumped (MG)	1,620.25	1,622.30	1,587.68	1,678.00	1,596.03	1,572.14	1,568.45	1,572.61	1,606.25	1,629.92
Total Finished Water Pumped (MG)	1,550.24	1,553.46	1,516.47	1,604.86	1,520.71	1,505.77	1,490.33	1,515.04	1,526.68	1,549.30
Total Water Sold (MG)	1,501.26	1,506.00	1,469.11	1,529.17	1,443.62	1,451.53	1,447.92	1,460.58	1,474.32	1,487.06
Unaccounted for Water (%)	3.16	3.06	2.96	3.59	3.67	3.60	2.85	3.59	3.43	4.02
Average Daily Water Usage (MGD)	4.11	4.12	4.04	4.20	3.97	3.93	3.97	4.00	4.05	4.09
Total Contracted Water (MGD)	5.995	5.995	5.995	5.995	6.010	6.010	6.030	6.050	6.130	6.175
% of Contracted Water Used										
High	97	98	89	89	86	88	91	88	90	87
Low	47	45	45	45	24	23	22	24	24	30
Average	69	69	67	67	66	66	66	66	66	66
Cost of water to Members / KGAL										
High	\$5.69	\$5.51	\$5.80	\$5.52	\$9.88	\$10.23	\$10.70	\$10.13	\$10.42	\$6.87
Low	\$3.71	\$3.72	\$3.70	\$3.70	\$3.45	\$2.74	\$2.43	\$2.39	\$2.55	\$2.72
Average	\$4.01	\$3.98	\$3.93	\$3.93	\$3.93	\$3.44	\$2.91	\$3.00	\$3.26	\$3.49

Average cost to Members decreased as long term debts were paid off in 2020 and 2021.

Cannon WSD#1 added 20,000 gpd of contracted water in July 2021, July 2022, July 2023, and May 2024 for a total of 80,000 gpd.

Pike County PWSD#1 added 60,000 gpd of contracted water in July 2023.

Knox County PWSD#1 added 25,000 gpd in December 2024.

Continuing Disclosure Reporting

Table 2: Average Daily Use (GPD) by Member & Water Supply Contract

Participating Member	FY2020	FY2021	FY2022	FY2023	FY2024	Water Supply Contract (GPD)	% of Total Contracts	Service Connections	Population
Thomas Hill PWSD #1 (1)	864,290	847,210	833,180	798,720	825,450	1,275,000	20.65	4,184	10,315
Monroe Co. PWSD #2	400,730	432,250	422,750	419,920	434,010	720,000	11.66	2,841	6,677
Pike Co. PWSD #1 (1)	379,860	378,790	396,910	403,680	382,620	525,000	8.50	2,842	6,655
Cannon PWSD #1 (1)	339,440	336,990	357,340	395,670	403,200	470,000	7.61	2,890	6,482
Knox Co. PWSD #1	297,970	280,040	307,750	316,920	287,010	395,000	6.40	1,731	4,298
Marion Co. PWSD #1 (1)	312,720	312,210	312,540	314,570	292,740	355,000	5.75	2,020	4,900
Macon County PWSD #1 (1)	264,370	302,650	288,630	298,870	288,670	332,000	5.38	4,824	11,606
Shelby Co. PWSD #1	198,200	201,360	199,010	206,410	214,590	303,000	4.91	1,282	3,120
City of Bowling Green (2)	69,120	66,180	72,650	72,330	139,810	300,000	4.86	1,492	5,334
City of Vandalia (2)	124,710	88,770	79,260	77,260	73,840	250,000	4.05	1,242	2,529
City of Huntsville	95,890	95,740	99,360	104,730	107,270	200,000	3.24	667	1,563
City of Paris	95,650	101,740	96,540	88,330	89,620	150,000	2.43	613	1,250
Lewis Co. PWSD #1	87,450	87,510	85,730	92,720	97,690	135,000	2.19	710	1,688
City of Wellsville	67,200	78,560	95,320	112,120	115,050	135,000	2.19	424	1,270
City of New London	53,300	60,490	69,280	58,040	53,310	120,000	1.94	494	975
City of Edina	80,180	92,760	75,360	82,220	79,320	120,000	1.94	596	1,153
City of Perry	40,400	41,680	40,780	39,690	41,350	80,000	1.30	408	694
City of Lewistown	35,460	35,400	39,320	39,480	38,460	75,000	1.21	293	580
City of LaBelle	42,670	42,670	46,040	45,730	35,510	70,000	1.13	308	660
City of Madison	31,250	30,390	30,940	28,650	29,830	65,000	1.05	293	554
City of Shelbyville	30,060	29,940	28,330	30,130	31,940	55,000	0.89	256	552
City of Farber	13,360	14,130	15,360	14,260	13,430	30,000	0.49	136	450
City of Curryville	9,420	9,480	9,200	9,890	10,610	15,000	0.24	84	255
Totals	3,933,700	3,966,940	4,001,580	4,050,340	4,085,330	6,175,000	100.00	30,630	73,560

(1) Purchase water from other sources in addition to water purchased from CCWWC

(2) Operate a water treatment plant for some of their water

Population and Service Connection data from 2020 Census

Continuing Disclosure Reporting

Table 3: Historic System Debt Service Coverage from Base Charges

Note: Base Charge Revenues are used to pay debt.

Fiscal Year Ended Sept. 30	Base Charge Revenues	Reserve Fund Balance (Cash + Investments)	Total	Annual Debt Service	Coverage
2013	\$3,617,375	\$1,523,857	\$5,159,275	\$3,416,622	151%
2014	\$3,628,332	\$1,889,669	\$5,533,609	\$3,156,653	175%
2015	\$3,220,340	\$1,617,064	\$4,860,513	\$3,130,803	155%
2016	\$3,245,206	\$1,653,674	\$4,933,100	\$3,106,830	159%
2017	\$3,025,868	\$1,550,836	\$4,600,837	\$3,021,988	152%
2018	\$3,015,654	\$1,446,232	\$4,465,182	\$2,807,540	159%
2019	\$3,016,907	\$2,274,007	\$5,290,914	\$2,897,469	183%
2020	\$2,338,717	\$3,030,958	\$5,369,675	\$2,675,000	201%
2021	\$1,199,776	\$3,160,354	\$4,360,130	\$1,262,500	345%
2022	\$1,157,873	\$2,488,867	\$3,646,740	\$971,800	375%
2023	\$1,222,174	\$3,575,331	\$4,797,505	\$1,011,991	474%
2024	\$1,218,279	\$3,827,119	\$5,045,398	\$1,032,900	488%

Base Charges ranged from \$0.22 to \$1.89/1,000 gallons of contracted water.

Table 4: System Water Rates and Revenues

Note: Water Rate Revenues are used for operations and maintenance expenses.

Year Ending Sept 30th	Water Rate Revenues	Water Rate
2013	\$2,830,457	\$1.85/1000 gallons
2014	\$2,875,049	\$1.82/1000 gallons
2015	\$2,717,273	\$1.81/1000 gallons
2016	\$2,725,862	\$1.81/1000 gallons
2017	\$2,659,089	\$1.81/1000 gallons
2018	\$2,767,801	\$1.81/1000 gallons
2019	\$2,780,737	\$1.90/1000 gallons
2020	\$2,932,090	\$2.02/1000 gallons
2021	\$3,151,973	\$2.03/1000 gallons
2022	\$3,237,771	\$2.18/1000 gallons
2023	\$3,523,866	\$2.38/1000 gallons
2024	\$3,814,611	\$2.55/1000 gallons

There was an additional Capital Improvements Fund charge of \$0.25/1,000 gallons in FY 2024.

Continuing Disclosure Reporting

Table 5: Largest Retail Water Customers

	Member	Retail Customer	Type of Business	Annual Usage (gals)
1	PWSD #1 Thomas Hill	Moberly Prison	State Prison	84,423,000
2	City of Bowling Green	Northeast Missouri Correctional Facility	State Prison	56,344,000
3	City of Vandalia	Vandalia Women's Prison	State Prison	26,878,000
3	Macon County PWSD#1	City of Clarence	Municipality	16,430,500
4	PWSD #1 Thomas Hill	Chariton Pork LLC	Agriculture	15,246,000
5	PWSD #1 Shelby County	CNS International Ministries	School	12,308,900
6	WSD #1 Cannon	Great Escapes	Landing Water Park	10,683,700
7	PWSD #1 Thomas Hill	City of Higbee	Municipality	10,594,700
8	WSD #1 Cannon	USACE	Federal Government	7,249,600
9	PWSD #1 Marion	BASF	Agriculture	6,847,000
10	PWSD#1 Pike County	City of Frankford	Municipality	6,636,000
11	PWSD#1 Thomas Hill	Silver Creek Pig	Agriculture	6,148,800
12	City of Bowling Green	Peno Creek Energy Center	Natural Gas Power Plant	6,104,500
13	PWSD #1 Marion County	CF Industries	Business	4,171,000
14	WSD #1 Cannon	Loves Truck Stop	Business	3,232,400
15	PWSD #1 Shelby County	City of Hunnewell	Municipality	2,838,900



Micro Comm Replacing Programmable Logic Controllers in the WTP Lab