



SHOVEL-READY PROJECTS



March 29, 2025

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WHO IS EJ WATER?

EJ Water Cooperative, Inc. is a not-for-profit Cooperative founded in 1989 with the focus of “Improving the Quality of Life, the Cooperative Way”. EJ Water has grown into the largest regional water co-op in Illinois, has twice won the Best Tasting Water Award in Illinois, been a finalist for Global Water Awards, and is the winner of Non-Profit Innovation for U.S. Water Alliance 2019 awards. EJ Water strongly believes that partnerships are what will make stronger communities and lives out this belief by partnering with communities of all sizes.

As an expert in the water and wastewater utility space and an organization passionate for helping communities grow, EJ Water has realized that many

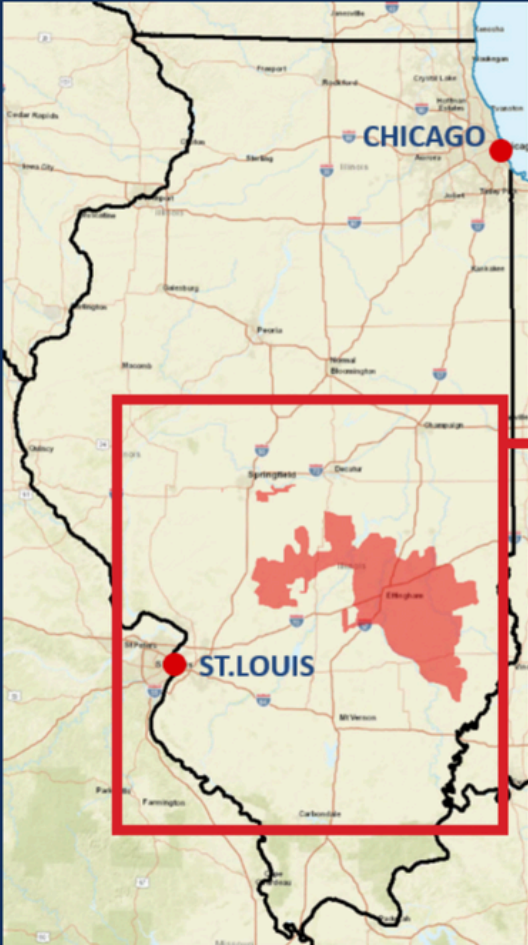
communities are held back by the large amount of debts they acquire and can't repay.

Partnerships allow communities to maximize their resources, share costs, quickly implement new technology, and much more. This unique partnership model, which is supported by the USEPA, USDA, and U.S. Chamber, would provide the communities with a resilient water solution while freeing up resources to invest back into the community.

EJ Water believes partnering is the future of community growth.



EJ WATER SERVICE AREA



MILES OF MAIN
3,257



RURAL POPULATION
SERVED
48,000+



EJ SERVICE AREA CONGRESSIONAL DISTRICTS

FEBRUARY 14, 2023

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DISTRICT 12

CONGRESSMAN BOST

30,278

SERVED POPULATION

DISTRICT 13

CONGRESSMAN BUDZINSKI

3,807

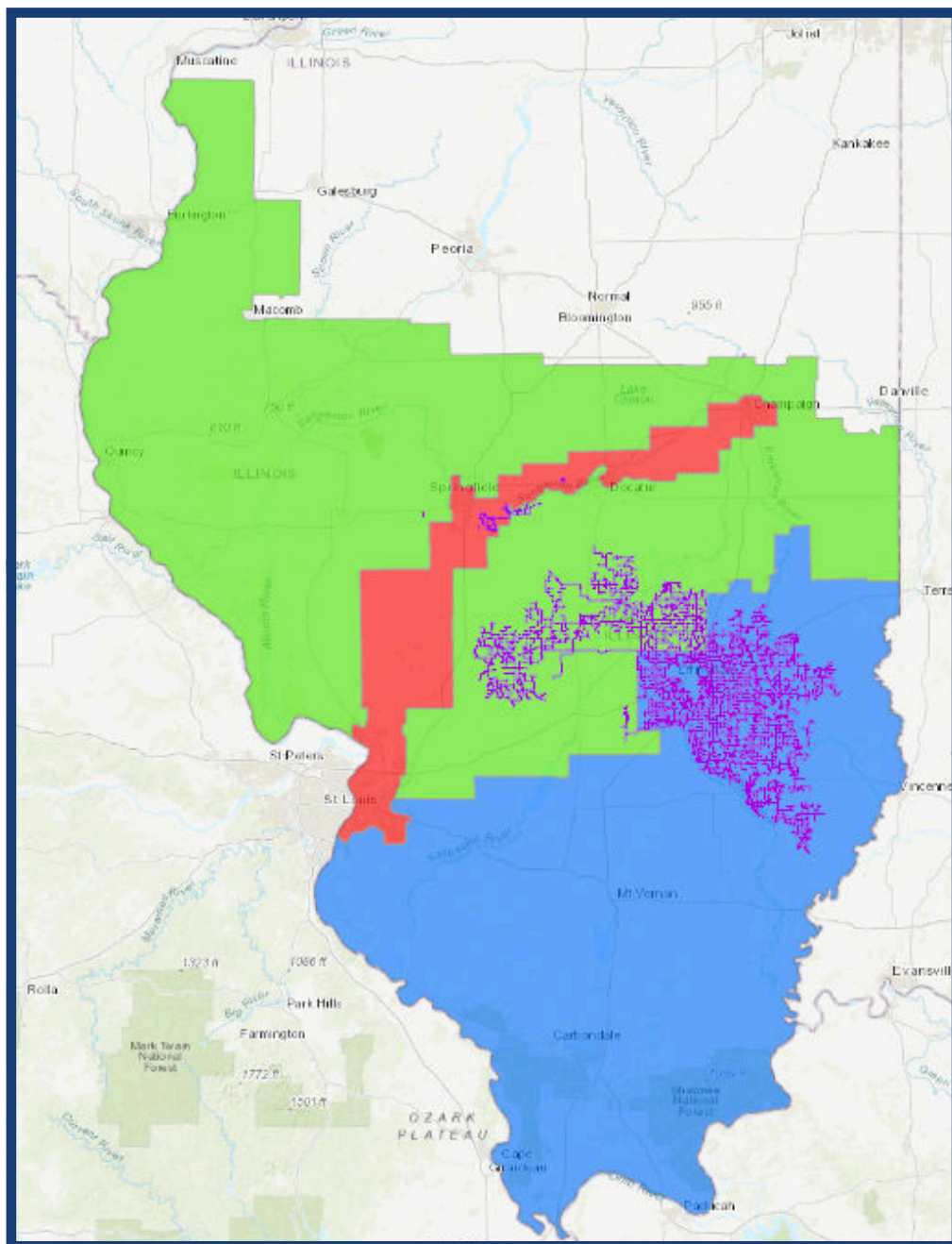
SERVED POPULATION

DISTRICT 15

CONGRESSMAN MILLER

11,760

SERVED POPULATION



EJ WATER LINES **DISTRICT 12** **DISTRICT 13** **DISTRICT 15**

Executive Summary

Delbert Mundt Water Treatment Plant Expansion



Total Project Cost: \$8,000,000

RIPI Grant Awarded: \$2,000,000

Request for Funding: \$6,000,000

OBJECTIVE

Increase Delbert Mundt Water Treatment Plant's capacity from 3.0 MGD to 6.0 MGD in order to meet high demand due to membership and wholesale growth, as well as community partnerships.

BACKGROUND

The 3.0 MGD Delbert Mundt Water Treatment Plant (DMWTP) was built 15 years ago in 2010. This plant serves our fastest growing western service area and joined our original 1.5 MGD Gila water treatment plant upgraded in 2015. Due to continued growth and numerous small towns purchasing their water from these regional plants, the need to further expand our DMWTP is necessary. Since our humble beginnings, EJ Water now provides water to a service area with a rural population over 48,000.

CHALLENGE

DMWTP is operating near its IL EPA 80% regulatory capacity during summer peak periods. To continue adding capacity in a cost effective manner to serve underserved communities at affordable rates is the major challenge the Coop faces. This request is necessary to close the funding gap so the Coop can meet future needs in our unserved and underserved rural areas in South Central Illinois service area.

PROJECT FEATURES

- Expanding Current Water Treatment Plant Structure
- Structure, Foundation, Piping Upgrade
- Two 66,000-gallon Claricones
- One million-gallon ground storage tank
- 1,000,000 gallon clear well
- Shovel Ready Project
- Population Impacted: 10,000+
- Location: Shelby County
- Total Project Cost: \$8,000,000
- Timeline: 2025-2026



TREATMENT PLANT EXPANSION

**EJ WATER COOPERATIVE, INC.
PROPOSED DELBERT D. MUNDT WATER TREATMENT PLANT EXPANSION
ENGINEER'S COST ESTIMATE
FEBRUARY 7, 2024**

ITEM #	ITEM	QUANTITY	UNIT	UNIT PRICE	TOTAL
1	Mobilization	1	LS	\$ 46,000.00	\$ 46,000.00
2	Building	1	LS	\$ 690,000.00	\$ 690,000.00
3	Structural Concrete	1	LS	\$ 201,250.00	\$ 201,250.00
4	CO2 Storage & Feed System Rehabilitation	1	LS	\$ 46,000.00	\$ 46,000.00
5	Lime Feed Modifications	1	LS	\$ 57,500.00	\$ 57,500.00
6	Valves (Filter, Process, etc.)	1	LS	\$ 287,500.00	\$ 287,500.00
7	Pumps (Backwash/Transfer)	1	LS	\$ 201,250.00	\$ 201,250.00
8	Building Electrical	1	LS	\$ 450,000.00	\$ 450,000.00
9	Controls	1	LS	\$ 475,000.00	\$ 475,000.00
10	Site Work	1	LS	\$ 34,500.00	\$ 34,500.00
11	Chemical Feed Systems	1	LS	\$ 115,000.00	\$ 115,000.00
12	Process Wastewater and Raw Water	1	LS	\$ 287,500.00	\$ 287,500.00
13	Meters, Miscellaneous Equipment	1	LS	\$ 138,000.00	\$ 138,000.00
14	Demobilization	1	LS	\$ 17,250.00	\$ 17,250.00
15	Site Piping, Valves, etc.	1	LS	\$ 150,000.00	\$ 150,000.00
16	Chlorine Feed System Rehabilitation	1	LS	\$ 34,500.00	\$ 34,500.00
17	1,000,000 Gallon Ground Storage Tank	1	LS	\$ 1,500,000.00	\$ 1,500,000.00
18	Head Tank	1	LS	\$ 150,000.00	\$ 150,000.00
19	Recarbonation Vessel	1	LS	\$ 250,000.00	\$ 250,000.00
20	Claricones (2)	1	LS	\$ 1,600,000.00	\$ 1,600,000.00
21	Seeding, Mulching, Erosion Control and Misc. Construction	1	LS	\$ 40,000.00	\$ 40,000.00
22	Lime Drying Structure	1	LS	\$ 100,000.00	\$ 100,000.00
23	Baffling Existing Clearwell	1	LS	\$ 100,000.00	\$ 100,000.00
	TOTAL CONSTRUCTION COST				\$ 6,971,250.00
	Design Engineering				\$ 500,000.00
	Construction Engineering				\$ 300,000.00
	Contingencies				\$ 228,750.00
	TOTAL PROJECT COST				\$ 8,000,000.00

Received RIPI Grant \$2,000,000.00

Requesting \$6,000,000.00



To Learn More, Contact Us:



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