



**BOARD OF COUNTY COMMISSIONERS
WARREN COUNTY, OHIO**

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***TOM GROSSMANN
SHANNON JONES
DAVID G. YOUNG***

**BOARD OF COUNTY COMMISSIONERS
WARREN COUNTY, OHIO**

MINUTES: Regular Work Session – April 2, 2024

This is a summary of actions and discussions of the meeting. You may view this meeting through our YouTube Channel at <https://www.youtube.com/channel/UC1ELh0jGpXd4VV2DTgsuqPA> or by contacting our office.

The Board met in regular session pursuant to adjournment of the April 2, 2024, General Session meeting.

David G. Young – present

Shannon Jones – present

Tom Grossmann – present

Krystal Powell, Clerk – present

24-0478 A resolution was adopted authorizing the sixth amendment to the Warren County Area Contract with the City of Cincinnati. Vote: Unanimous


DISCUSSIONS

Chris Wojnicz, Deputy Sanitary Engineer, presented the attached PowerPoint presentation stating the purpose and need for Amendment No. 6 to the contract with Greater Cincinnati Water Works. Mr. Wojnicz also presented a map of the area Greater Cincinnati Water Works currently provides services to.

Upon discussion, the Board resolved (24-0478) authorizing the sixth amendment to the Warren County Water Area contract with the City of Cincinnati.

Mr. Wojnicz updated the Board relative to current water and sewer projects throughout the county as a result of the scheduled termination of the contract with Cincinnati Water Works in 2025. He stated the Richard Renneker Water Treatment Plant Ion Exchange Upgrade Project, the Middletown Junction Wellfield Project, and the Socialville Transmission Mains Project are currently on track to be completed on time.

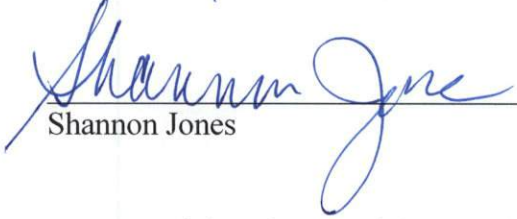
Upon motion the meeting was adjourned.



David G. Young, President




Tom Grossmann



Shannon Jones

I hereby certify that the foregoing is a true and correct copy of the minutes of the meeting of the Board of County Commissioners held on April 2, 2024, in compliance with Section 121.22 O.R.C.



Krystal Powell, Clerk
Board of County Commissioners
Warren County, Ohio



WATER & SEWER DEPARTMENT

Work Session

Warren County Commissioners
April 6, 2024

AGENDA

1. GCWW Contract Amendment 6
2. Priority Project Updates



Water & Sewer Department

GCWW Contract Amendment 6

PURPOSE:

Amends water service boundary transferring two parcels (1.48 total acres) from Warren County's water service area

AMENDMENT:

Same format and language as Amendment 5 that was executed in December 2022

APPLICANT:

Eric Entwisle (Property Owner)

WC SERVICE:

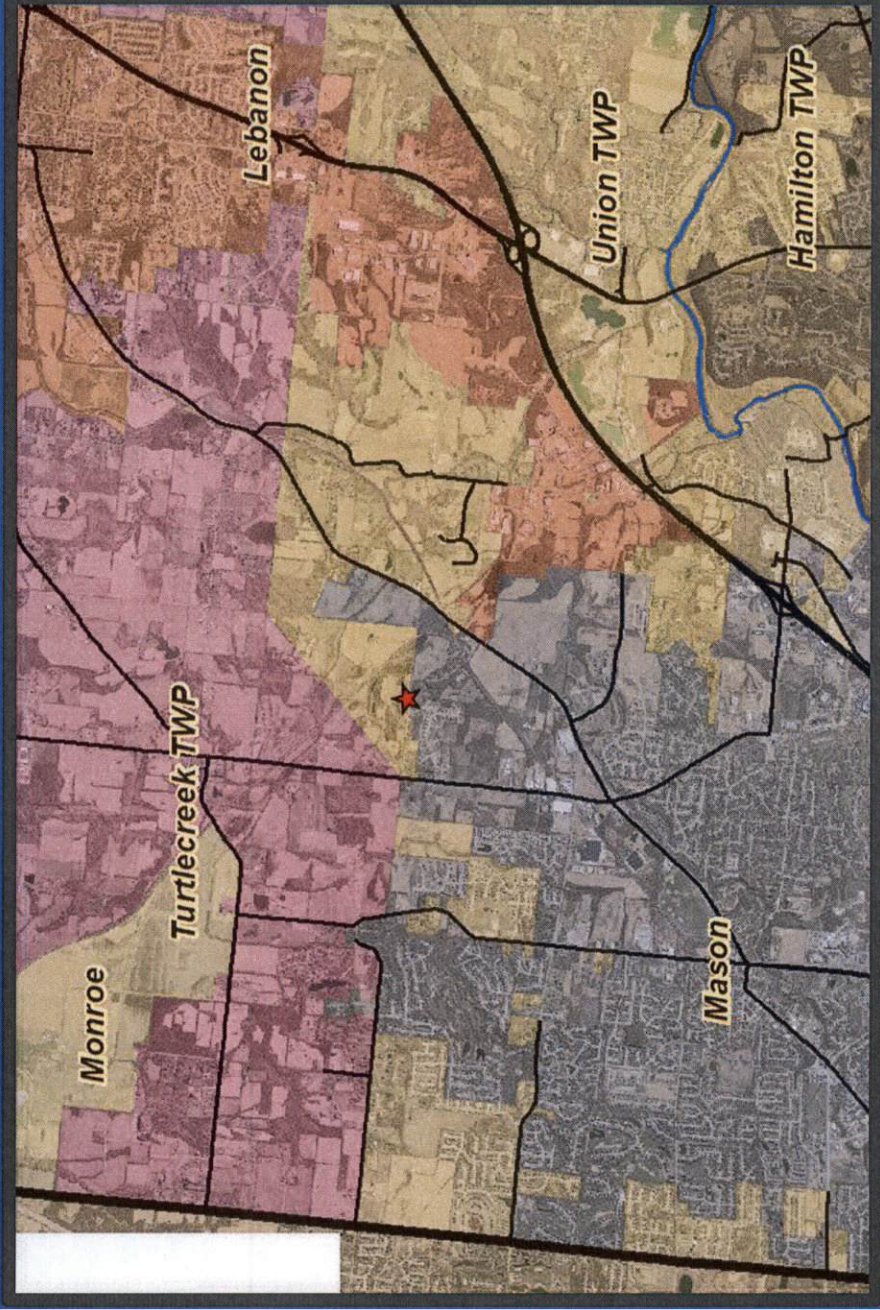
Closest service is 6,300 feet away at US Route 42

ADDRESS:

3490 Bunnell Road, Union Twp

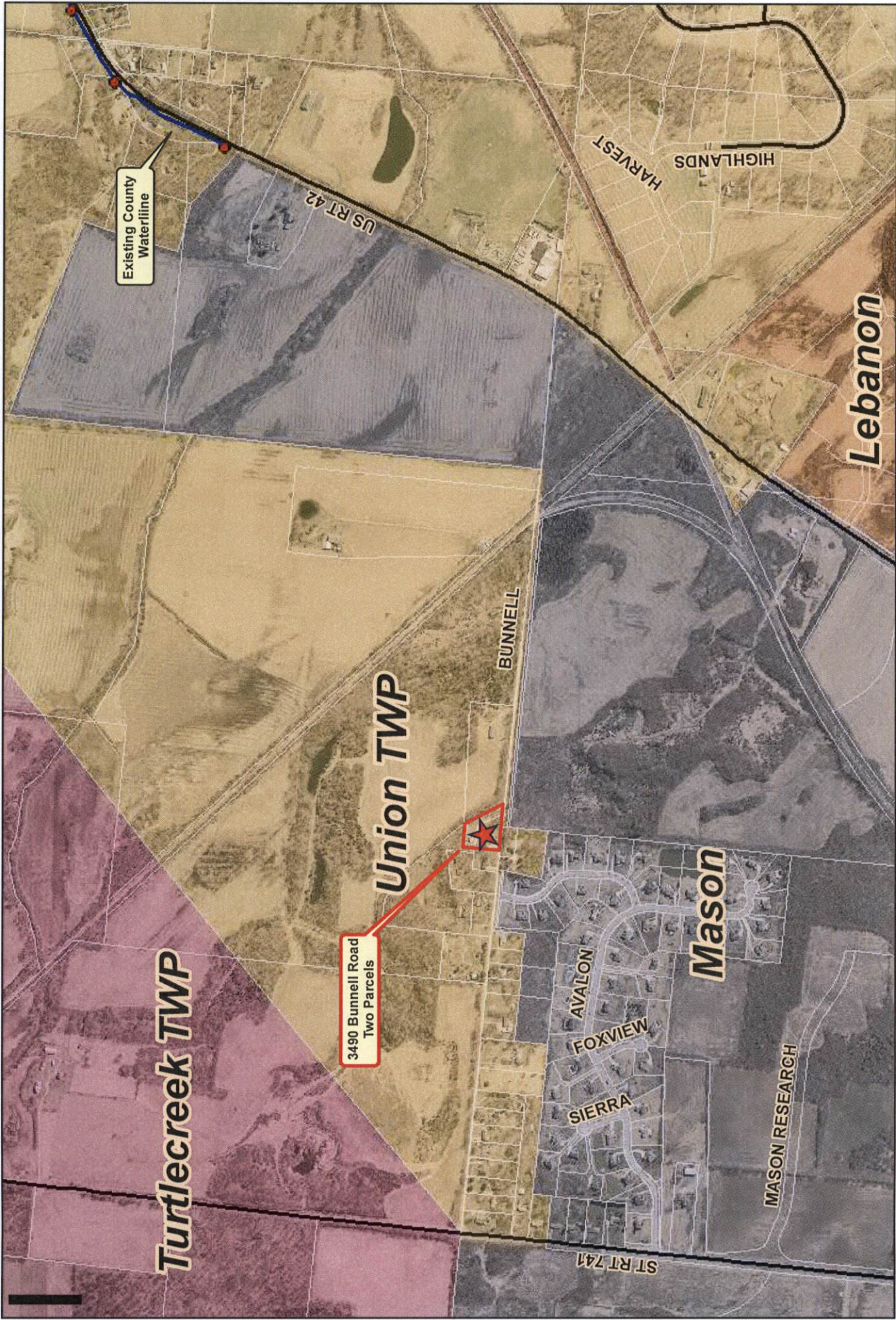
GCWW SERVICE:

12-Inch water main on Bunnell Road



ISSUE: Existing home has a failing, unreliable residential well

MASON: Owner has signed Mason's required preannexation agreement, the resident has not requested annexation, but the City can choose the timing in the future when/if the property needs to annex.



GCWW Contract Amendment No. 6
Parcel 12 21 300 008
Parcel 12 21 400 001



RICHARD RENNEKER WATER TREATMENT PLANT

Advanced Water Treatment Ion Exchange Upgrades

SCOPE:

Install Ion Exchange vessels inside the softening building to treat the NF membrane bypass.

BUDGET:

\$6.8 - \$9.7 Million

SCHEDULE:

2024 – Design & Equipment Purchase
June 2024 - Start Pilot Test

ENGINEER:

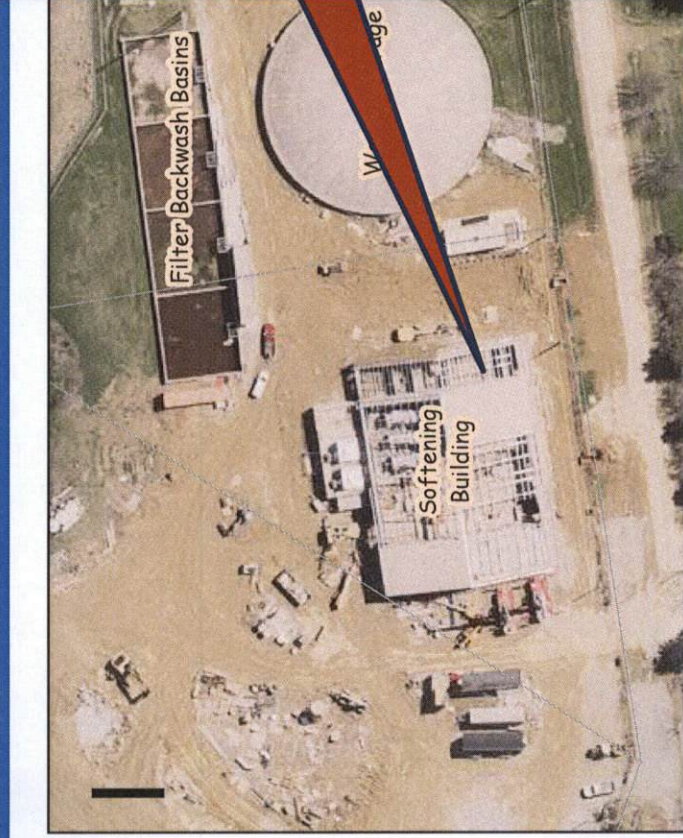
AECOM, Inc

PILOT TEST:

AECOM (Starts April 2024)
USEPA (Starts June 2024)

June 2025 - Resin Procurement

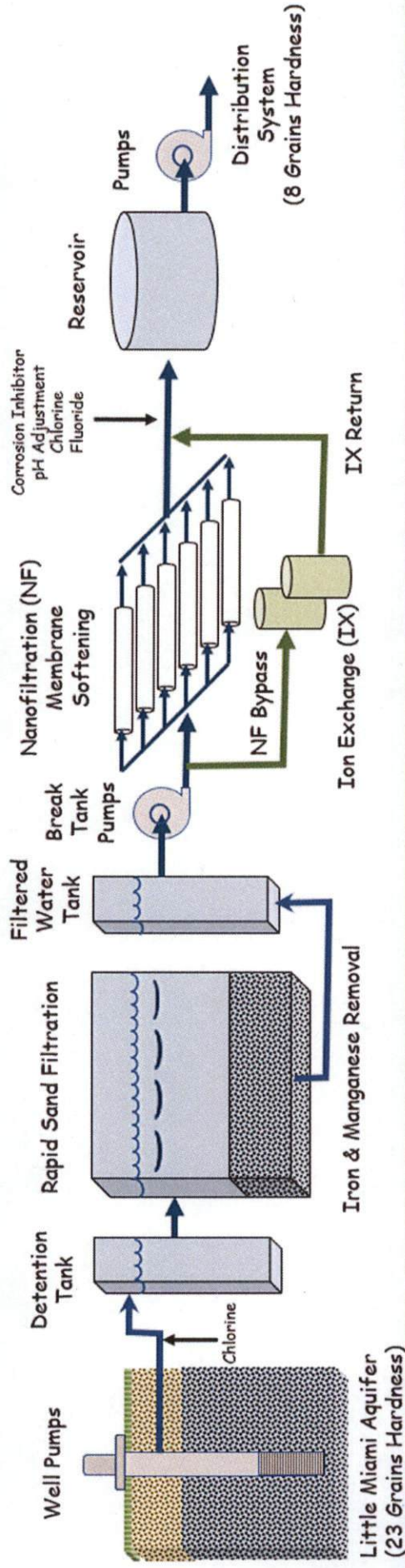
Oct 2025 - Startup



**Advanced Water Treatment
Richard A Renneker Water Plant**

RENNEKER WATER TREATMENT PLANT

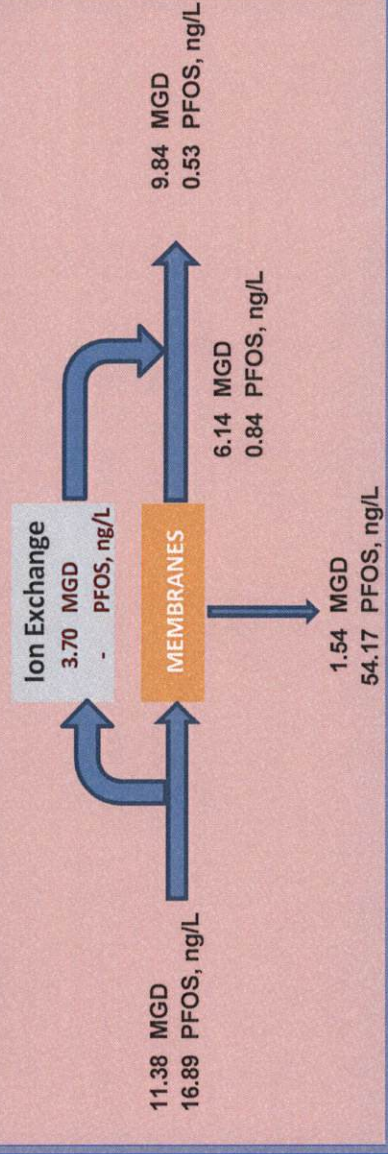
Treatment Process at the Richard Renneker Treatment Plant (Proposed)



17 ng/L PFOS

0.5 ng/L PFOS
(0.0000005 mg/L PFOS)

Sod Farm Wells 1, 3, & 5, Thompson 12, MJ Wells 1 & 2, East 1, 5, & 9



MIDDLETOWN JUNCTION WELLFIELD (Kings Mills)

SCOPE: Install three wells for a safe wellfield yield of 3.0 mgd.

PURPOSE: Meet future water demands.

HYDRO G: Terran & Associates

DRILLER: National Water Service

ENGINEER: Wessler, Inc.

BUDGET: \$4.03 Million

SCHEDULE: Drill: May 2024
Design: 2024
Construct: 2025
Start Up: Nov 2025



Middletown Junction Wellfield Project
EXHIBIT A - LOCATION MAP

SOCIALVILLE TRANSMISSION MAINS

SCOPE:

24-Inch water main from the RAR Water Plant to the Socialville Booster Pump Station

PURPOSE:

Push water from RARWTP to the Socialville Service Area.

PRIORITY:

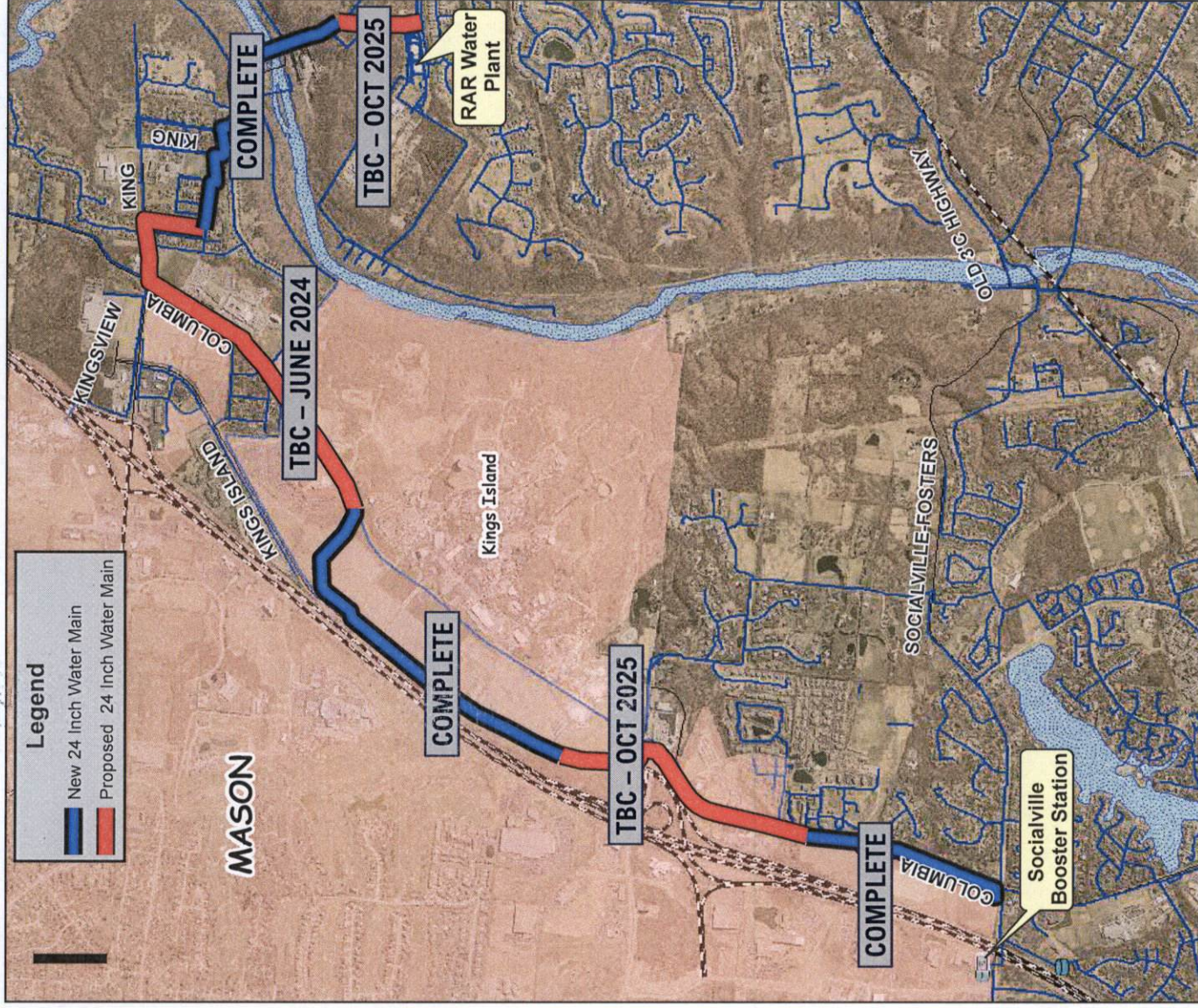
High

BUDGET:

\$7.1 Million

SCHEDULE:

Start Up: Oct 2025

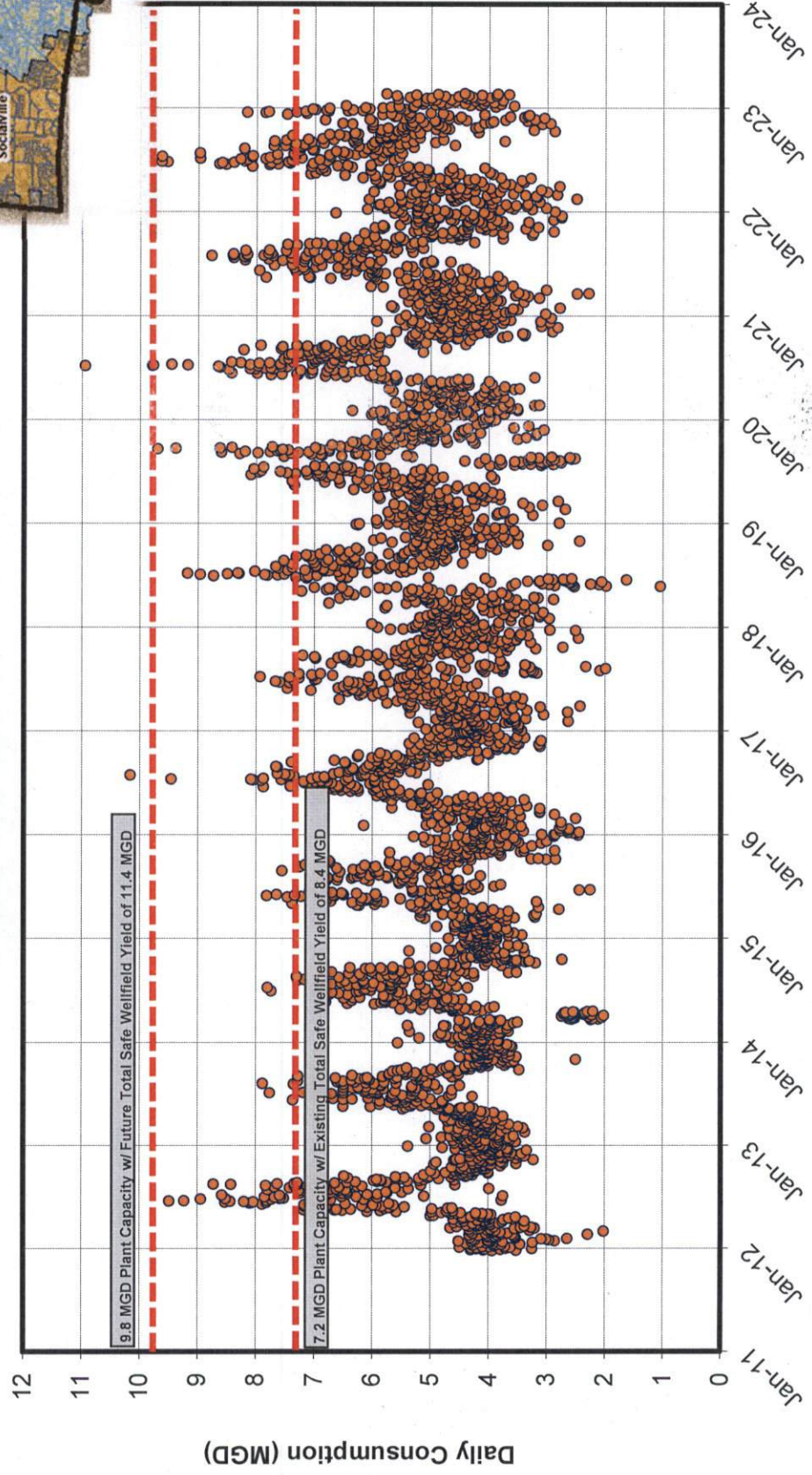


1 Miles
0 0.25 0.5 1 Miles
Socialville Transmission Main
24-inch Water Line

Wellfield Expansion and Plant Improvements will enable Warren County to be self sufficient meeting future water demands



SOUTH WATER SYSTEM Day Consumption 2012-2023 (RARWTP, Socialville, & Interconnect)



Warren County is currently on schedule for December 2025.

Activity Description	Start	Duration (Months)	End
RICHARD RENNEKER WTP ION EXCHANGE IMPROVEMENTS			
Request Engineering Design Qualifications	11/9/2023	0	11/9/2023
Select Design Engineer & Sign Contract	12/7/2023	2	3/5/2024
Preliminary Design	1/2/2024	5	6/1/2024
AECOM Rapid Small Scale Test of IX Resins	4/1/2024	1	5/31/2024
USEPA Column Pilot Test of IX Resins at RARWTF	6/1/2024	Unknown	Unknown
Procure Ion Exchange Equipment	6/1/2024	5	11/1/2024
Finalize Design, Bid Project, Construction Contract	6/1/2024	5	11/1/2024
Construction	11/1/2024	11	10/1/2025
Project Completion	10/1/2025	0	10/1/2025
MIDDLETOWN JUNCTION WELLFIELD IMPROVEMENTS			
Submit Wellfield Site Application Request	8/15/2023	0	8/15/2023
OEPA Wellfield Site Application Review	8/15/2023	3	1/13/2023
OEPA Wellfield Site Approval			
Request Engineering Design Qualifications	9/9/2023	0	9/9/2023
Select Design Engineer & Sign Contract	11/1/2023	2	1/16/2024
Preliminary Design by Wessler Engineering	1/2/2024	3	4/1/2024
Final Design by Wessler Engineering	4/1/2024	2	6/1/2024
Permitting	3/1/2024	5	6/1/2024
Bid Project & Sign Construction Contracts	6/1/2024	2	8/1/2024
Construct Wellfield	8/1/2024	16	12/1/2025
Project Completion	12/1/2025	0	12/1/2025
Well Drilling Contract Documents	11/1/2023	1	12/1/2023
Bid & Execute Well Drilling Contract	12/1/2023	2	2/1/2024
Drill & Test Middletown Junction Wells	2/1/2024	6	8/1/2024
24" WATER TRANSMISSION MAIN IMPROVEMENTS			
Columbia Rd - Kings Island to Oak Street - 4,400 ft.	11/15/2023	7	6/1/2024
Kings Mill Bridge to Richard Renneker WTP - 2,100 ft.	6/1/2024	7	1/1/2025
Columbia Rd - Kings Island to Grant Falls - 5,600 ft.	1/1/2025	7	8/1/2025

QUESTIONS