



FALLBROOK PUBLIC UTILITY DISTRICT
MEETING OF THE ENGINEERING & OPERATIONS COMMITTEE

AGENDA

TUESDAY, AUGUST 20, 2024
11:00 A.M.

FALLBROOK PUBLIC UTILITY DISTRICT
990 E. MISSION RD., FALLBROOK, CA 92028
PHONE: (760) 728-1125

THIS MEETING WILL BE HELD AT THE ABOVE DATE, TIME, AND LOCATION AND MEMBERS OF THE PUBLIC MAY ATTEND IN PERSON AT THE DISTRICT OFFICE LOCATED AT 990 E. MISSION RD., FALLBROOK, CA 92028. FOR THE CONVENIENCE OF MEMBERS OF THE PUBLIC WHO DO NOT WISH TO ATTEND IN PERSON, FALLBROOK PUBLIC UTILITY DISTRICT PROVIDES A MEANS TO OBSERVE AND PROVIDE PUBLIC COMMENTS AT THE MEETING VIA WEB CONFERENCE USING THE BELOW CALL-IN AND WEBLINK INFORMATION. PLEASE NOTE THAT IN THE EVENT OF TECHNICAL ISSUES THAT DISRUPT THE ABILITY OF MEMBERS OF THE PUBLIC TO VIEW THE MEETING OR PROVIDE PUBLIC COMMENTS THROUGH THE WEB CONFERENCE OPTION, THE MEETING WILL CONTINUE.

TELECONFERENCE LOCATION

In addition, Director McDougal will be teleconferencing pursuant to Government Code section 54953 from the following location: Sandy Creek Yacht Club Marina (A-28), 8714 Lime Creek Rd., Volente, TX 78641

Join Zoom Meeting

<https://us06web.zoom.us/j/85214976507?pwd=EcVBC5UukWjcATkmVdbzWkaJKyNvly.1>

MEETING ID: 852 1497 6507

AUDIO PASSCODE: 561127

Dial by your location

+1 346 248 7799 US (Houston); +1 720 707 2699 US (Denver); +1 253 215 8782 US (Tacoma);
+1 312 626 6799 US (Chicago); +1 646 558 8656 US (New York); +1 301 715 8592 US (Washington DC)

Find your local number: <https://us06web.zoom.us/j/85214976507?pwd=EcVBC5UukWjcATkmVdbzWkaJKyNvly.1>

Members of the public may participate in the meeting from any of the above locations.

PUBLIC COMMENTS: Members of the public may submit public comments and comments on agenda items in one of the following ways:

SUBMIT COMMENTS BEFORE THE MEETING:

- By emailing to our Board Secretary at leckert@fpud.com
- By mailing to the District Offices at 990 E. Mission Rd., Fallbrook, CA 92028
- By depositing them in the District's Payment Drop Box located at 990 E. Mission Rd., Fallbrook, CA 92028

All comments submitted before the meeting by whatever means must be received at least 1 hour in advance of the meeting. All comments will be read to the Committee during the appropriate portion of the meeting. Please keep any written comments to 3 minutes.

REMOETLY MAKE COMMENTS DURING THE MEETING: The Committee Chair will inquire prior to Committee discussion if there are any comments from the public on each item.

- Via Zoom Webinar go to the "Participants List," hover over your name and click on "raise hand." This will notify the moderator that you wish to speak during oral communication or during a specific item on the agenda.
- Via phone, you can raise your hand by pressing *9 to notify the moderator that you wish to speak during the current item.

MAKE IN-PERSON COMMENTS DURING THE MEETING: The Committee Chair will inquire prior to Committee discussion if there are any comments from the public on each item, at which time members of the public attending in person may make comments.

THESE PUBLIC COMMENT PROCEDURES SUPERSEDE THE DISTRICT'S STANDARD PUBLIC COMMENT POLICIES AND PROCEDURES TO THE CONTRARY.

If you have a disability and need an accommodation to participate in the meeting, please call the Board Secretary at (760) 999-2704 for assistance.

I. PRELIMINARY FUNCTIONS

CALL TO ORDER / ROLL CALL

PUBLIC COMMENT

II. ACTION / DISCUSSION -----(ITEMS A-D)

- A. WESTERN MUNICIPAL WATER DISTRICT'S ROCK MOUNTAIN SERVICE AREA
- B. REQUEST THE COMMITTEE'S SUPPORT THE PURCHASE OF A REPLACEMENT SCRUBBER FOR THE WASTEWATER TREATMENT PLANT
- C. REQUEST THE COMMITTEE'S SUPPORT FOR THE PURCHASE OF THREE FORD F150 LIGHTNING EV TRUCKS, IN ACCORDANCE WITH THE APPROVED FLEET AND HEAVY EQUIPMENT REPLACEMENT PLAN
- D. ENGINEERING AND OPERATIONS KEY PERFORMANCE INDICATORS

III. ADJOURNMENT OF MEETING

* * * * *

DECLARATION OF POSTING

I, Lauren Eckert, Executive Assistant/Board Secretary of the Fallbrook Public Utility District, do hereby declare that I posted a copy of the foregoing agenda in the glass case at the entrance of the District Office located at 990 East Mission Road, Fallbrook, California, at least 72 hours prior to the meeting in accordance with Government Code § 54954.2.

I, Lauren Eckert, further declare under penalty of perjury and under the laws of the State of California that the foregoing is true and correct.

August 15, 2024
Dated / Fallbrook, CA

/s/ Lauren Eckert
Executive Assistant/Board Secretary

M E M O

TO: Engineering & Operations Committee
FROM: Aaron Cook, Engineering Manager
DATE: August 20, 2024
SUBJECT: Western Municipal Water District's Rock Mountain Service Area

Description

There is a small area in De Luz that falls between the service areas of Fallbrook Public Utility District (FPUD) and Rancho California Water District (RCWD). This area, called the Rock Mountain Service Area, is technically served by Western Municipal Water District (WMWD), based out of the City of Riverside. WMWD does not have any existing infrastructure or ability to serve this area so they have historically relied on agreements with FPUD and RCWD to serve the properties that fall within it. WMWD has proposed that their Rock Mountain Service Area be split and annexed into FPUD and RCWD's service areas.

Purpose

FPUD has an existing waterline that cuts across the southwest corner of the Rock Mountain Service Area and has been serving one customer with a temporary service agreement in the area for several years. There are other properties in the area that the District could serve in the future. In the past, annexation would have been more complicated because the area is across the county boundary line in Riverside County. However, due to the recent wholesale supplier switch, the annexation process will be simplified, administered solely by the Riverside County LAFCO. The attached map shows the general area, delineated between FPUD and RCWD.

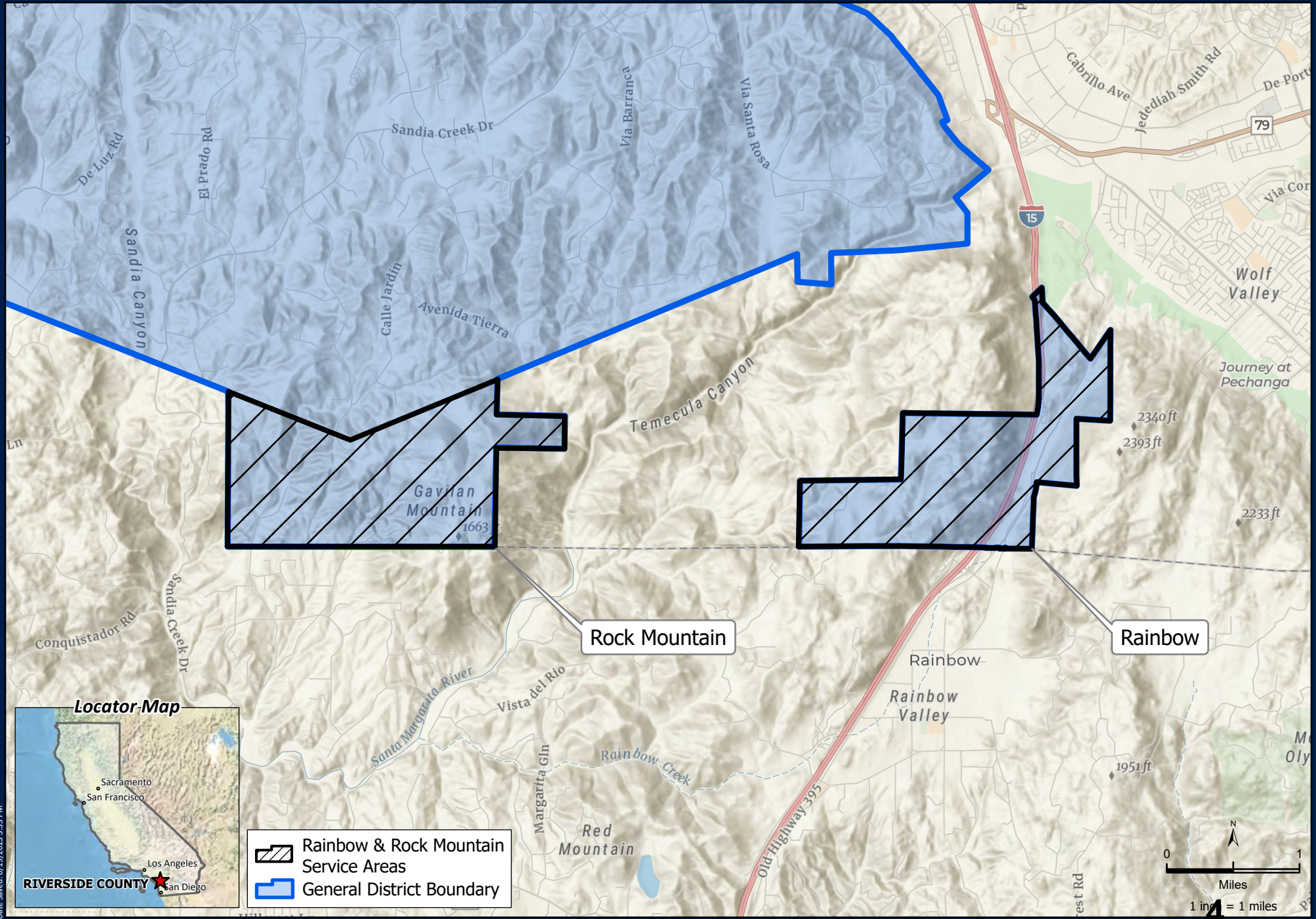
Budgetary Impact

The annexation process does have costs associated estimated at approximately \$15,000. However there is a potential benefit to adding more water services if the area were part of FPUD.

Recommended Action

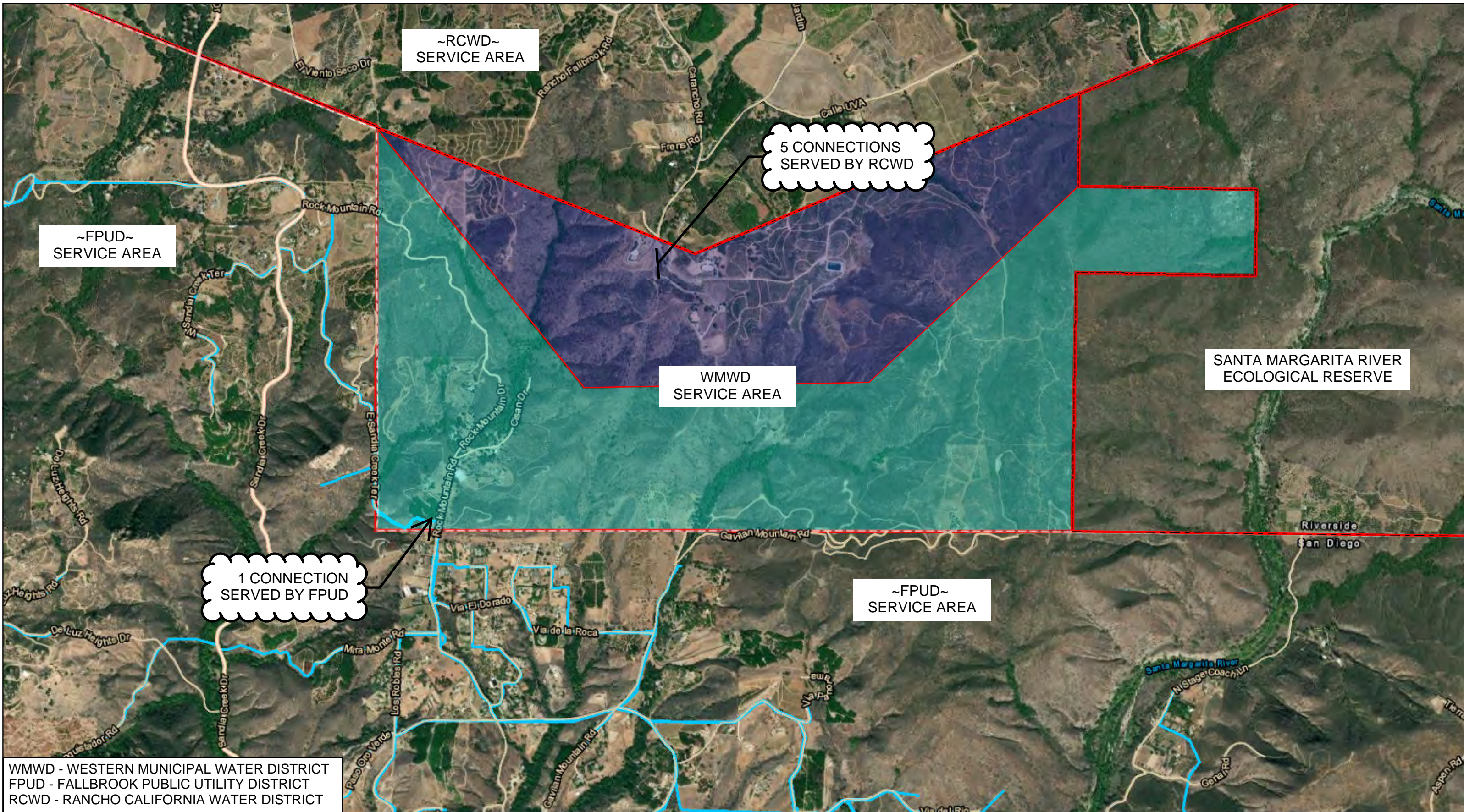
Information item only. If the proposal moves forward on WMWD's end, the item will be brought to the board for authorization to move forward.

Western Water's Rainbow and Rock Mountain Service Area and General District Boundary



Date Saved: 9/19/2023 3:33 PM

Document Path: G:\Projects\Special_Projects\2023DistrictBoundaryMaps\APRX\2023RockMountain&Rainbow\Rock&Rainbow.aprx

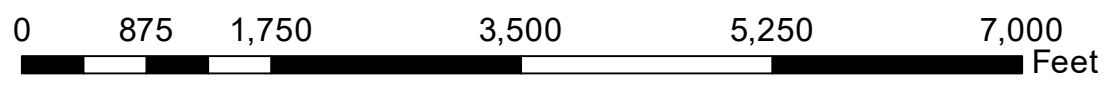


WMWD - WESTERN MUNICIPAL WATER DISTRICT
 FPUD - FALLBROOK PUBLIC UTILITY DISTRICT
 RCWD - RANCHO CALIFORNIA WATER DISTRICT

- PROPOSED RCWD ANNEXATION*
- PROPOSED FPUD ANNEXATION*
- FPUD WATERLINE
- DISTRICT BOUNDARY

*ANNEXATION AREAS SHOWN ARE FOR DISCUSSION PURPOSES.
 ACTUAL DELINEATION WOULD BE BASED ON EXISTING PARCEL LINES.

WMWD'S ROCK MOUNTAIN SERVICE AREA



Source: FPUD, ESRI Projection: California State Plane Zone 6, NAD 83, Feet, Epoch 1991.35
 Map Created by Todd Jester (4-18-24). X:\GIS\Data - Inside\Project Specific\Figures for Aaron\WESTERN BOUNDARY\WESTERN_BOUNDARY.MXD

M E M O

TO: Engineering & Operations Committee
FROM: Kevin Collins, Purchasing/Warehouse/Fleet Supervisor
DATE: August 20, 2024
SUBJECT: Request the Committee's Support the Purchase of a Replacement Scrubber for the Wastewater Treatment Plant

Description

The current scrubber at the Water Reclamation Plant (WRP) has reached the end of its useful life and requires replacement. Due to the age of the unit, the cost to refurbish the unit would exceed the cost of a new unit altogether. This request is to purchase a new scrubber.

Purpose

The most widely used disinfectant for municipal wastewater applications is chlorine. Chlorine is effective for disinfection because of its ability to eliminate infectious agents. The disinfection system at the WRP utilizes chlorine gas, which requires a robust safety system in the event of a gas leak. A leak involving chlorine gas is considered a hazardous situation. When a dry scrubber system is in place, these risks are successfully mitigated. In the event of a leak, the scrubber immediately deploys and captures escaping chlorine gas before it puts employees and surrounding communities at risk. The District has been planning the replacement for the scrubber for several years due to the age of the existing scrubber. The scrubber replacement project is budgeted for the current Fiscal Year.

Staff evaluated different replacement options and determined that PureAir is the only vendor that manufactures a scrubber which meets all the District's requirements and will work with the existing configuration. Staff is recommending to utilize the sole source exception outlined in article 5 of the Administrative Guidelines to procure the new scrubber directly from PureAir. Staff has worked with the vendor to ensure the cost is competitive for the scrubber unit. The installation of the unit will be done under a separate competitive bid process. . The District expects to have installation complete before the end of the fiscal year (June 2025).

PureAir has provided a cost for the scrubber at \$315,583.13 (\$294,250.00 plus tax), with delivery in 14-18 weeks.

Budgetary Impact

The scrubber will be purchased within the Board authorized total capital budget for fiscal year 25.

Recommended Action

The E&O Committee recommend to the Board of Directors that staff enter into a contract with PureAir to purchase the PureAir EGS-8 scrubber for \$315,583.13.

M E M O

TO: Engineering & Operations Committee
FROM: Kevin Collins, Purchasing/Warehouse/Fleet Supervisor
DATE: August 20, 2024
SUBJECT: Request the Committee's support for the purchase of three Ford F150 Lightning EV trucks, in accordance with the approved fleet and heavy equipment replacement plan

Description

Three of our current pickup trucks require replacement in accordance with the criteria developed as part of the Board approved Fleet and Heavy Equipment Replacement plan. This request is to replace these pieces of equipment as planned and budgeted in accordance with the adopted fleet and heavy equipment replacement plan to enable the District to maintain current operations.

Purpose

Three of our current pickup trucks require replacement in accordance with the criteria developed as part of the Fleet and Heavy Equipment Replacement plan. These vehicles were budgeted and planned for in the replacement plan. Additionally, these trucks will be EV variants in order to comply with the SDG&E grant terms for vehicle charging stations approved by the Board in November 2023.

Purchasing staff requested quotes from six dealerships for base model 2024 Ford F150 Lightnings. Of those six dealerships, three responded, with the lowest bid by Fritts Ford in the amount of \$51,537.63 each (total \$154,612.89).

Budgetary Impact

There is no budgetary impact. The vehicles will be purchased within the Board authorized total capital budget and in accordance with the adopted fleet and heavy equipment replacement plan.

Recommended Action

The E&O Committee recommend to the Board that staff procure three Ford F150 Lightning EV trucks for \$154,612.89 from Fritts Ford.

M E M O

TO: Engineering and Operations Committee
FROM: Aaron Cook, Engineering Manager
DATE: August 20, 2024
SUBJECT: Engineering and Operations Key Performance Indicators

Purpose

To provide information to the Board on the Key Performance Indicators (KPIs) that have been developed for Engineering and Operations.

Summary

The primary purpose for developing and tracking KPIs is to provide a performance measurement system that gives management the ability to analyze data, make better decisions, and improve the organization. District KPIs are largely focused on Capital Improvement Projects (CIP), Preventative Maintenance (PM), leak response, and regulatory compliance.

Recommended Action

This is an information item. No action needed.