



**FALLBROOK PUBLIC UTILITY DISTRICT
MEETING OF THE ENGINEERING & OPERATIONS COMMITTEE**

AGENDA

**TUESDAY, AUGUST 11, 2026
9:00 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.

Join Zoom Meeting

<https://us06web.zoom.us/j/85447955556?pwd=4Yk5RHWD5sZppOFH6RLXTcaWBTWqeX.1>

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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.

REMOTELY 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–C)

- A. PROCUREMENT OF TWO IXOM SOLAR MIXERS FOR RED MOUNTAIN RESERVOIR
- B. REQUEST THE COMMITTEE SUPPORT THE PURCHASE OF ONE NEW 7 YARD DUMP TRUCK FROM VELOCITY TRUCK CENTERS
- C. ENGINEERING AND OPERATIONS KEY PERFORMANCE INDICATORS

III. ADJOURNMENT OF MEETING

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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 6, 2026
Dated / Fallbrook, CA

/s/ Lauren Eckert
Executive Assistant/Board Secretary

M E M O

TO: Engineering & Operations Committee
FROM: Carl Quiram, Operations Manager
DATE: August 11, 2026
SUBJECT: Procurement of Two IXOM Solar Mixers for Red Mountain Reservoir

Description

Water quality management at Red Mountain Reservoir has become increasingly challenging due to operational changes resulting from sustained high reservoir levels caused by an abundance of CPEN water during recent wet winters. The District contracted with Trussell Technologies, an area expert in water quality management, to assist with diagnosing the issues and developing a Long-Term Management Plan for the reservoir.

As part of this effort, Trussell Technologies provided recommendations and evaluated potential strategies to support long-term water quality management at Red Mountain Reservoir.

Purpose

As part of the District's ongoing efforts to maintain and improve water quality at Red Mountain Reservoir, staff recommends the addition of two IXOM Solar Mixers. The reservoir currently operates with two IXOM SB5000 mixers that will be configured to improve conditions within the lower hypolimnetic zone near the bottom of the reservoir.

The two proposed IXOM SB10000 mixers will be configured to manage the upper epilimnetic water column, helping reduce the potential for algae blooms and the accumulation of odor-causing nutrients. The combined operation of all four mixers will provide improved circulation and support long-term water quality stability.

Budgetary Impact

Funding for this project was included in the Capital Improvement Program for Fiscal Year 2026-27. The purchase and implementation of the two IXOM Solar Mixers will be completed within the approved capital budget.

Recommended Action

Staff recommends that the Engineering & Operations Committee recommend to the Board approval of the purchase of two IXOM Solar Mixers from IXOM at a cost of \$144,836.

M E M O

TO: Engineering & Operations Committee
FROM: Kevin Collins, Purchasing/Warehouse/Fleet Supervisor
DATE: August 11, 2026
SUBJECT: Request the Committee Support the Purchase of One New 7 Yard Dump Truck from Velocity Truck Centers

Description

This request is to purchase one new 7 Yard Dump Truck from Velocity Truck Centers to replace unit 1128 per the Fleet and Heavy Equipment Replacement Plan.

Purpose

As part of the criteria developed for the Fleet and Heavy Equipment Replacement Plan, and to maintain compliance with CARB regulations, FPUD staff budgeted the replacement of dump truck #1128, a 2009 Freightliner, for fiscal year 2027. On 7/8/26, FPUD staff sent out a Request for Proposals (RFP) to four equipment vendors, with only one response received from Velocity Truck Centers in the amount of \$176,391.88.

Budgetary Impact

This vehicle will be purchased within the FPUD authorized total capital improvement budget for fiscal year 2027.

Recommended Action

The E&O Committee recommend to the full Board of Directors that staff purchase one 7 Yard Dump Truck from Velocity Truck Centers in the amount of \$176,391.88.

M E M O

TO: Engineering & Operations Committee
FROM: Aaron Cook, Engineering Manager
DATE: August 11, 2026
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.