



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

AGENDA

**THURSDAY, JULY 14, 2022
1:00 P.M.**

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

THIS MEETING WILL BE HELD PURSUANT TO GOVERNMENT CODE SECTION 54953(e)(1)(A), WHICH WAIVES CERTAIN BROWN ACT TELECONFERENCING REQUIREMENTS DURING A PROCLAIMED STATE OF EMERGENCY WHEN STATE OR LOCAL OFFICIALS HAVE IMPOSED OR RECOMMENDED MEASURES TO PROMOTE SOCIAL DISTANCING, AND ALLOWS SOME OR ALL OF THE MEMBERS OF THE ENGINEERING & OPERATIONS COMMITTEE TO ATTEND THIS MEETING TELEPHONICALLY OR VIA VIDEO CONFERENCE. MEMBERS OF THE PUBLIC WHO DO NOT WISH TO ATTEND IN PERSON ARE ENCOURAGED TO PARTICIPATE IN THE MEETING VIA WEB CONFERENCE USING THE BELOW CALL-IN AND WEBLINK INFORMATION. MEMBERS OF THE PUBLIC MAY ALSO PARTICIPATE IN THIS MEETING BY ATTENDING IN PERSON AT THE DISTRICT OFFICE LOCATED AT 990 E. MISSION RD., FALLBROOK, CA 92028.

Join Zoom Meeting

<https://us06web.zoom.us/j/89327811979?pwd=ejJLYjdJVFJQeC9rNktqMWM4dEhrdz09>

MEETING ID: 893 2781 1979

AUDIO PASSCODE: 697489

Dial by your location

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Find your local number: <https://us06web.zoom.us/j/89327811979?pwd=ejJLYjdJVFJQeC9rNktqMWM4dEhrdz09>

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 Board during the appropriate portion of the meeting. Please keep any written comments to 3 minutes.

REMOTELY MAKE COMMENTS DURING THE MEETING: The Board President will inquire prior to Board 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 Board President will inquire prior to Board 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. RECYCLED AIRVAC & DRAIN REPLACEMENT PROJECT CHANGE ORDER
- B. GREEN CANYON FORCE MAIN CHANGE ORDER
- C. WATER SUPPLY RELIABILITY PROJECT AMENDMENT
- D. UPDATE OF EMERGENCY DECLARATION FOR PIPELINE REPLACEMENTS

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.

July 11, 2022
Dated / Fallbrook, CA

/s/ Lauren Eckert
Executive Assistant/Board Secretary

M E M O

TO: Engineering and Operations Committee
FROM: Aaron Cook, Engineering Manager
DATE: July 14, 2022
SUBJECT: Recycled Airvac & Drain Replacement Project Change Order

Description

Request for authorization for additional costs on the Recycled Airvac & Drain Replacement Project.

Purpose

The Project consists of the replacement of air/vacuum release valves, isolation valves, and drains on the recycled main on Olive Hill and Winter Haven Roads. The project was awarded to CHI Construction. During construction, significant ground water was encountered at two locations, requiring additional excavation, dewatering, and paving. The extra effort cost the contractor \$68,904.71 in additional time and materials.

The original contract price was \$112,000. The total cost of change orders for changed conditions is \$68,904.71, bringing the total contracted project cost to \$180,904.71.

Budgetary Impact

The work will be completed within the Board authorized recycled water capital budget. No adjustment to the Board adopted authorization is required.

Recommended Action

That the Committee recommend to the Board approval of pending change order request for work performed by CHI Construction for the Recycled Airvac & Drain Replacement Project.

M E M O

TO: Engineering and Operations Committee
FROM: Aaron Cook, Engineering Manager
DATE: July 14, 2022
SUBJECT: Green Canyon Force Main Change Order

Description

Request for authorization for additional costs on the Green Canyon Force Main Replacement Project.

Purpose

The Green Canyon Force Main Replacement Project consists of approximately 1,400 linear feet of 4-inch PVC. The project was awarded to Blue Pacific Engineering and Construction. During construction, some changes were made and unforeseen conditions encountered.

- Pavement section in portions of South Mission Road was as much as 18" thick, which added effort to excavation and paving tasks.
- Encountered an 8" Sewer pipe and 30" Storm Drain pipe that were not shown on the plans which required additional utility locating and deeper force main install to avoid these existing utilities.
- Added 180 linear feet to replacement length, replacing an additional section of deteriorated pipe.
- Replaced existing fittings at the Green Canyon Lift Station for improved restraint.

The total change order costs are \$59,907.22.

The total planned for this project was \$350,000. The original contract price was \$248,000. The total cost of change orders for additional work and changed conditions is \$59,907.22, bringing the total contracted project cost to \$307,907.22.

Budgetary Impact

The work will be completed within the Board authorized waste water capital budget. No adjustment to the Board adopted authorization is required.

Recommended Action

That the Committee recommend to the Board approval of pending change order request for work performed by Blue Pacific Engineering and Construction for the Green Canyon Force Main Replacement Project.

M E M O

TO: Engineering and Operations Committee
FROM: Aaron Cook, Engineering Manager
DATE: July 14, 2022
SUBJECT: Water Supply Reliability Project Amendment

Description

Request for authorization for additional costs on the Water Supply Reliability Project.

Purpose

The objective of the Water Supply Reliability Project is to identify additional local water supplies in the Lower Santa Margarita River. The project establishes the design parameters of a future full scale project, including additional treatment required, regulatory compliance, construction and operating costs, and overall financial feasibility.

Currently the project is in the fourth month of piloting, which is scheduled to be complete on August 8th. A professional services agreement was awarded to the consulting engineering firm Hazen and Sawyer to design the pilot system and deliver the final feasibility results. District staff have been operating the pilot system, but have required more troubleshooting and technical assistance from the Hazen and Sawyer team than anticipated.

The total additional costs for professional services are \$53,295. The original agreement value was not to exceed \$748,000. With the additional services cost of \$53,295, the amended agreement amount will be \$798,295.

Budgetary Impact

The work will be completed within the Board authorized recycled water capital budget. No adjustment to the Board adopted authorization is required. The additional costs will be covered by the IRWM Grant that was awarded in January of 2020 for this project.

Recommended Action

That the Committee recommend to the Board approval of a professional services amendment for work performed by Hazen and Sawyer for the Water Supply Reliability Project.