



FALLBROOK PUBLIC UTILITY DISTRICT
MEETING OF THE ENGINEERING & OPERATIONS COMMITTEE

AGENDA

WEDNESDAY, OCTOBER 16, 2024
1:00 P.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/86832187155?pwd=0RqKDcRVC9rooRAQAX8YO2KZLB1dbC.1>

**MEETING ID: 868 3218 7155
AUDIO PASSCODE: 913270**

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/kvRWv7LrC>

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-D)

- A. AWARD OF RATTLESNAKE TANK SITE IMPROVEMENT PROJECT
- B. PIPELINE AND VALVE REPLACEMENT – CONTRACTOR PREQUALIFICATION PROGRAM
- C. REQUEST FOR TEMPORARY SEWER SERVICE AGREEMENT FOR APN 123-010-64
- D. LAKE SKINNER HYDROLOGY STUDY

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.

October 11, 2024
Dated / Fallbrook, CA

/s/ Lauren Eckert
Executive Assistant/Board Secretary

MEMO

TO: Engineering & Operations Committee
FROM: Aaron Cook, Engineering Manager
DATE: October 16, 2024
SUBJECT: Award of Rattlesnake Tank Site Improvement Project

Description

Request for Board approval to award the Rattlesnake Tank Site Improvement Project to the lowest responsive bidder.

Purpose

Rattlesnake Tank is a 3.5 million gallon steel reservoir that was installed in the 1950’s. The tank itself is in good condition, but the site around the tank is in need of significant improvements due to erosion and storm water issues around the site. The project primarily consists of slope stabilization measures, regrading and adding a ring footing around the tank, and installing storm water drainage infrastructure. District staff prepared the design package for the project and solicited for general contractor construction bids. Bid opening was October 8, 2024. Five bids were received. A summary of the bid results is below:

Company Name	Bid Amount
NMN Construction	\$818,000
Shaw Equipment	\$821,000
PK Mechanical	\$840,000
Metro Builders	\$1,165,407
HPS Mechanical	\$1,232,943

NMN Construction was the apparent lowest responsible bidder at \$818,000. NMN Construction has not performed work for the District in the past, but has 30 years of experience successfully completing work of a similar nature for public agencies throughout Southern California.

Budgetary Impact

The work will be completed within the Board authorized total capital budget.

Recommended Action

That the Committee recommend to the Board award of the Rattlesnake Tank Site Improvements Project to the lowest responsible bidder, NMN Construction for \$818,000.

M E M O

TO: Engineering & Operations Committee
FROM: Aaron Cook, Engineering Manager
DATE: October 16, 2024
SUBJECT: Pipeline & Valve Replacement – Contractor Prequalification Program

Description

Introduction of the District's new pipeline and valve replacement contractor prequalification program.

Purpose

Pipeline and valve replacement is a primary component of the District's capital improvement program. In order to meet long term pipeline replacement goals, the District has been increasing the rate of pipeline replacement efforts. Larger pipeline projects are installed by contractors. To ensure quality work, staff initiated a contractor prequalification program. Prequalification packages from interested contractors were due on September 11, 2024. Twelve contractors submitted completed questionnaires, and after review, all twelve met the requirements for pre-qualification. The approved contractors are:

Filanc	CCL Contracting, Inc.
EJ Meyer Co	PK Mechanical Systems, Inc
SRK Engineering Inc.	Gentry General Engineering, Inc.
TK Construction	GCI Construction, Inc.
Bali Construction, Inc.	Southland Paving, Inc.
Norstar Plumbing and Engineering, Inc.	J.W. Fowler Co.

Over the next year, notices inviting bids for planned pipeline and valve replacement projects will be issued to this list of pre-qualified contractors. Each year, the pre-qualification process will be re-opened to allow for additional contractors to be evaluated and added to the list.

Budgetary Impact

No budgetary impact.

Recommended Action

No recommended action – for information only.

MEMO

TO: Engineering & Operations Committee
FROM: Aaron Cook, Engineering Manager
DATE: October 16, 2024
SUBJECT: Request for Temporary Sewer Service Agreement for APN 123-010-64

Description

To request the Board approve a Temporary Sewer Service Agreement (TSSA) between Calhoun Family Living Trust and the Fallbrook Public Utility District to allow a sewer service lateral to be remote from the owner’s property.

Purpose

The property owner for parcel 123-010-64, also owns the adjacent parcel where the nearest existing sewer main is located. The private sewer lateral will be crossing their own property to the subject parcel. The owner is required to record an easement for any future property owner. In the event the sewer collection system were expanded in the future, adding infrastructure on the south side of the parcel, the property owner would be required to connect to that future main line.

The attached figure shows the parcel and the location of the private easement where the lateral will cross the adjacent property.

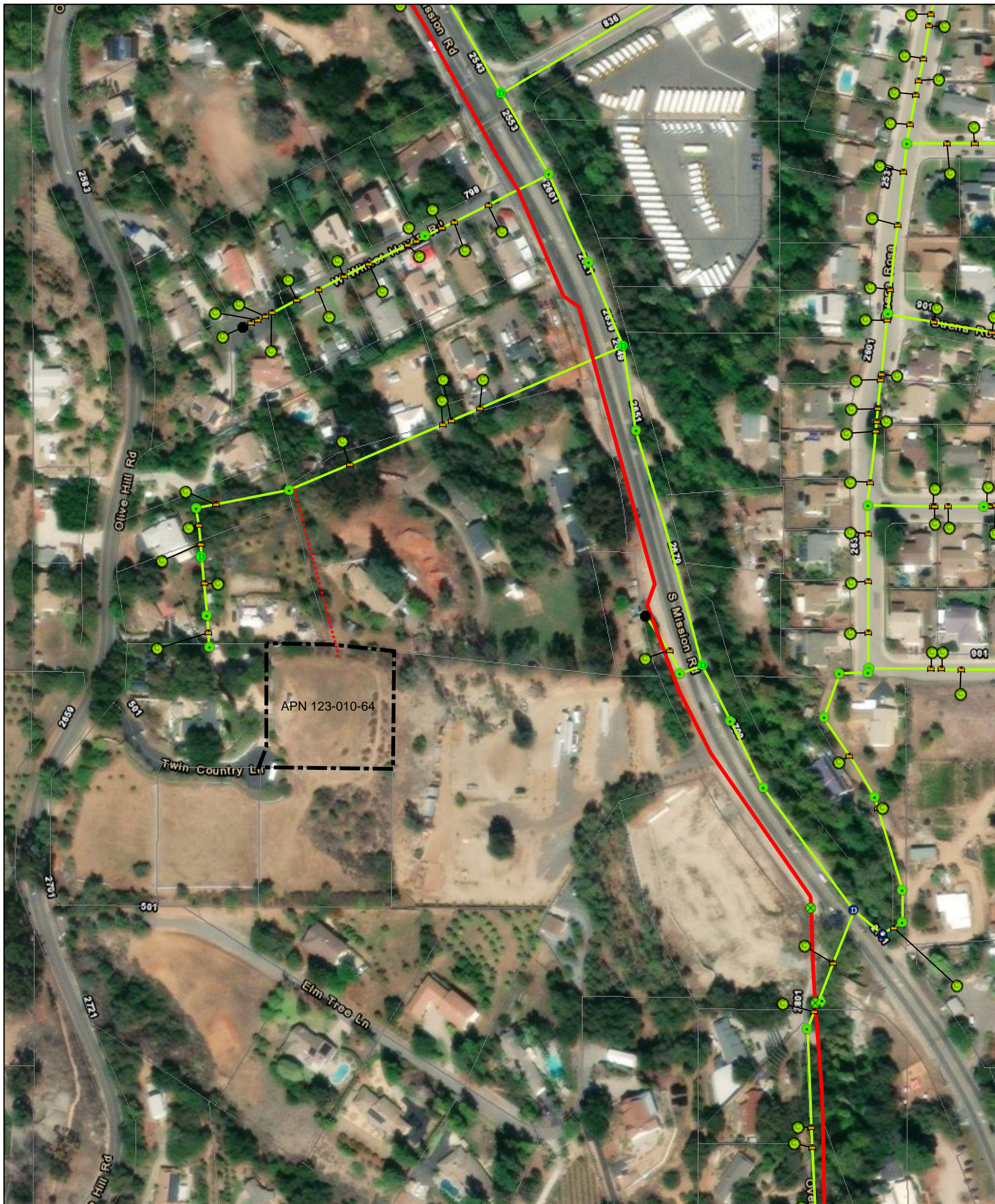
Budgetary Impact

None

Recommended Action

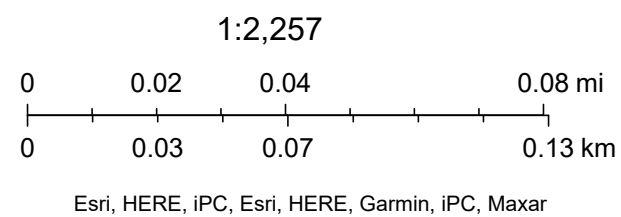
That the Committee recommend to the Board authorizing of a Temporary Sewer Service Agreement between the Fallbrook Public Utility District and Calhoun Family Living Trust.

Calhoun TSSA



10/10/2024, 1:41:59 PM

- | | | |
|----------------------|--------------|---------------|
| World Transportation | DROP | SEWER LATERAL |
| MANHOLE | CLEANOUT | SEWER MAIN |
| SMART COVER AND DROP | SEWER AIRVAC | FORCE |
| SMART COVER | SEWER VALVE | GRAVITY |
| DISTRICT CO | WYE | FPUD PARCELS |
| MANHOLE | | |



M E M O

TO: Engineering & Operations Committee
FROM: Carl Quiram, Operations Manager
DATE: October 16, 2024
SUBJECT: Lake Skinner Hydrology Study

Purpose

To award a Hydrology Study and Conceptual runoff model for Lake Skinner to study the loss of runoff over the past 12 years.

Background

Lake Skinner is a manmade lake constructed by Metropolitan Water District (MWD) to impound potable water for treatment at the Lake Skinner Advanced Water Treatment Plant. When MWD built the dam, to create the lake, there was a court settlement (1247-SD-C) approved on May 8, 1963, which assured Fallbrook Utility District water rights into the future. Following the court settlement there was an MOU developed between MWD and Fallbrook, which addressed how Fallbrook would receive its allocated runoff from storm events. Over the years, FPUD & MWD have tried various methods to measure runoff into the lake. The historical graph (2005 to present) in Attachment 1 shows that from 2005 to 2011, the diversions to Fallbrook were fairly regular. Since then, there has only been one diversion in 2019; despite the fact that there had been large precipitation events. For the past two winters, we have received very above normal precipitation, but no surface water runoff has been noted. FPUD engaged the Watermaster, for the Santa Margarita Watershed, to look at the situation with MWD and the District. The Watermaster staff (Tech Memo dated 8-21-24) concluded that the ground water table has dropped due to the installation of residential wells up gradient in the watershed. During the review of that TM it was concluded that a more in depth hydrologic review would be in order.

Budgetary Impact

The work will be completed within the existing budget.

Recommended Action

That the Committee recommends the Board of Directors approve the General Manager to sign an agreement with Stetson Engineers not to exceed \$84,750 to perform the required work. MWD will reimburse the District for 50% of the costs.

Attachment A

