



FALLBROOK PUBLIC UTILITY DISTRICT
MEETING OF THE ENGINEERING & OPERATIONS COMMITTEE

AGENDA

MONDAY, APRIL 18, 2022
9:00 A.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

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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 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. REQUEST FOR APPROVAL TO SELL SURPLUS PROPERTY
- B. GUM TREE PIPELINE REPLACEMENT PROJECT CHANGE ORDER
- C. BOARD NOTIFICATION OF EMERGENCY DECLARATION FOR PIPE REPAIR ON IVY ST, MINNESOTA AVE, ALVARADO ST, VIA ARROYO, AND ALTA VISTA
- D. WATER SHORTAGE CONTINGENCY PLAN DISCUSSION

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.

April 14, 2022
Dated / Fallbrook, CA

/s/ Lauren Eckert
Executive Assistant/Board Secretary

M E M O

TO: Engineering and Operations Committee
FROM: Kevin Collins, Purchasing/Warehouse/Fleet Supervisor
DATE: April 18, 2022
SUBJECT: Request for Approval to Sell Surplus Property

Description

Consider sale of surplus land owned by the District.

Purpose

The District owns properties that are not being used and no future use is anticipated. Selling these unused properties would bring in one time revenue and eliminate maintenance needs for those sites.

State law, specifically The Surplus Land Act, dictates the steps needed for public agencies to sell properties. This process requires the Board of Directors to declare the selected properties as surplus land. A notice of availability must be sent to other public agencies to give them an opportunity to purchase the property. If there is an interested agency, the District must enter into good faith negotiations to determine a mutually satisfactory sales price and terms. If there is no interest in the notice, the land can be sold on the public market.

The Engineering and Operations Committee previously encouraged staff to identify specific parcels for declaration as surplus land to be sold. The following three parcels were identified:

- 102-30-039 – 2.4 acre parcel with easement for access to land conservancy property. There are no District facilities on the property.
- 105-49-215 – 2.5 acre parcel with a District pipeline along the south edge of the property. Otherwise, there are no District facilities on the property. Historically, the property was owned for a future reservoir that is no longer needed.
- 101-45-014 – 1.1 acre parcel that was previously the De Luz Irrigation District office and was leased to the fire department until last year. The facilities are in disrepair and the cost to rehabilitate them is higher than the value of the property to the District.

All three parcels are in areas designated Rural Residential by the County General Plan.

Budgetary Impact

Property sales would result in a one-time revenue source.

Recommended Action

That the committee recommend to the Board to declare the parcels surplus land and authorize District staff to proceed with the sales process.

M E M O

TO: Engineering and Operations Committee
FROM: Aaron Cook, Engineering Manager
DATE: April 18, 2022
SUBJECT: Gum Tree Pipeline Replacement Project Change Order

Description

Request for authorization for additional costs on the Gum Tree Pipeline Replacement project.

Purpose

The Gum Tree Pipeline Replacement Project consists of approximately 1,600 linear feet of 20" cement mortar lined and coated steel pipe on a primary transmission main between Red Mountain Reservoir and a majority of the District's service area. The project was awarded in March 2021 to SRK Engineering and is nearing completion after long procurement delays. During construction various challenges and unforeseen conditions have resulted in the need for additional work. Early in the installation, alignment changes requiring additional fittings and thrust blocks were made to navigate the crossing of a steep gully. The value of these changes was within staff authorization limits so they were authorized by District staff at the time. More recently, sections of the replaced abandoned pipeline slated for removal were found to contain asbestos on the coating and required additional effort for proper hazardous waste removal. Also, with the recent rain it was evident that additional erosion control was needed on the steep graded sections of the alignment. Change order costs include:

Previously Approved CO	Pipeline Alignment Changes	\$39,982.04
Pending CO Request	Asbestos Removal/Disposal	\$13,355.42
Pending CO Request	Erosion Control	\$5,591.77

Budgetary Impact

No budgetary impact. The additional costs will be covered by the approved capital budget for pipeline replacement projects. The total planned for this project was \$480,000. The original contract price was \$428,500. The total cost of change orders for additional work and changed conditions is \$57,360.21, bringing the total contracted project cost to \$485,860.21. While slightly over plan, additional capital funds will not be needed due to other projects being completed under budget.

Recommended Action

That the Committee recommend to the Board approval of pending change orders requests for work performed by SRK Engineering.

M E M O

TO: Engineering and Operations Committee
FROM: Kevin Collins, Purchasing/Warehouse/Fleet Supervisor
DATE: April 18, 2022
SUBJECT: Board notification of emergency declaration for pipe repair on Ivy St, Minnesota Ave, Alvarado St, Via Arroyo, and Alta Vista

Description

California Public Contract Code Section 22050 authorizes special contracting procedures in case of an emergency; the General Manager may take immediate action required by the emergency to procure the necessary equipment, services, and supplies for those purposes, without giving notice for bids. However, the GM must report to the Board of Directors at its next meeting the reasons justifying why the emergency will not permit a delay resulting in competitive solicitation for bids and why the action is necessary to respond to the emergency.

Purpose

Due to numerous leaks in damaged pipeline on sections of Ivy St, Minnesota Ave, Alvarado St, Via Arroyo and Alta Vista, an agreement was made with SRK Engineering, the pipeline contractor already under contract for the Gum Tree Pipeline Replacement, to additionally service these sites. The District has agreed to provide materials for the emergency replacements while the contractor charges for labor under the District's standard time and materials agreement. The total length of pipe to be replaced will be approximately 2,000 linear feet, with pipe sizes ranging from 6-inch to 12-inch diameter.

Budgetary Impact

The estimated cost of these repairs will be \$440,000. The costs will be covered by the capital budget pipeline replacement funds. Because of procurement delays on planned pipeline replacement projects, unused capital funds are available to prioritize these emergency replacements within the approved budget.

Recommended Action

The committee notify the Board that the emergency declaration declared by the General Manager has resulted in the construction work as documented above.

M E M O

TO: Engineering & Operations Committee
FROM: Jack Bebee, General Manager
DATE: April 18, 2022
SUBJECT: Water Shortage Contingency Plan Discussion

Description

After another year of below average winter precipitation, continued drought conditions throughout the western United States are further stressing regional water supplies, including the State Water Project and the Colorado River, two integral sources of water for the Southern California region. While regional investments in storage and supply diversification have secured water supplies in the short term, continued drought conditions may lead to mandatory restrictions if voluntary actions do not result in lower water demands.

On March 28th, 2022 the Governor of California signed *Executive Order N-7-22* declaring a regional state of emergency caused by current drought conditions that calls on Californians to voluntarily reduce water use by 20 percent to protect the State's available water resources. The order urges "all Californians to strive to limit summertime water use and to use water more efficiently indoors and out". The order also directs Department of Water Resources staff to consider advancing the timeline for water purveyors to submit the novel "supply and demand assessment" (June 1st 2022), adopt emergency regulations defining "non-functional turf", and prioritize planning and development of water supply projects that will increase the State's drought resiliency.

The District's *Water Shortage Response Program (Administrative Code, Article 17)* identifies practical conservation measures that are in place at all times (*Normal Conditions*), and contains six levels to aid the District's response to water shortage conditions. Prohibitions of end use are identified as well as other stipulations of shortage responses (sections 17.8.0-17.2 are attached to this memo).

A "Water Shortage Response Level 1 – Water Shortage Notice" (in place at this time) increases public education and outreach regarding conservation programs, practical conservation measures and provides the Board discretion to consider and implement drought rates. Together these measures are designed to promote a consumer demand reduction of up to ten percent (10%). A year to date demand reduction of 9% has been achieved by FPUD ratepayers from July 2021 to March 2022 (relative to July 2020 to March 2021).

A "Water Shortage Response Level 2 – Water Shortage Watch" further increases public education and outreach regarding conservation programs. In addition, the District will suspend all annexations to the District service area, except under some

circumstances. Together these measures are designed to promote a consumer demand reduction of up to twenty percent (20%).

District conservation programs include rebates for water saving irrigation devices and appliances through www.socalwatersmart.com, education resources available at saveourwater.com, and the District's automated metering system, which enables ratepayers to track and review their water use through a web based customer portal. Common sense conservation measures include eliminating irrigation runoff onto hardscape or roadways and the timely repair of water leaks. When runoff or other violations of District code are observed or reported, District staff communicates directly with FPUD account holders to ensure that issues are addressed in a timely manner. If implemented, drought rates escalate normal rates based on factors established in the 2017 Rate Study.

Recommended Action

That the Committee recommend that the Board take the Governor's executive order under advisement as more detailed State guidance regarding non-functional turf, regulatory mandates and further developments in regional conservation program outreach and expansion comes to fruition. At this time, the Committee recommends that the Board directs District staff to prepare for a Board declaration of a "Water Shortage Response Level 2 – Water Shortage Watch". Upon this future declaration, public announcement would be made on all FPUD water bills, physical posting in the District lobby, on the District website and social media outlets, and by publication in the Village News. Given the voluntary nature of the state's order to reduce water use by 20 percent, and the District's expanding educational approach to promoting water conservation, the Committee does not recommend that the Board implement drought rates.

Sec. 17.8.0 NORMAL CONDITIONS.

During a Normal Condition, customers are required to use water wisely and to practice water conservation measures so that water is not wasted. All water withdrawn from District facilities shall be put to reasonable beneficial use. District water users shall comply with the following water use prohibitions and conservation measures at all times:

1. Do not wash down paved surfaces, including but not limited to sidewalks, driveways, parking lots, tennis courts, or patios, except when it is necessary to alleviate safety or sanitation hazards.
2. Eliminate water waste resulting from inefficient landscape irrigation, such as runoff, low head drainage, or overspray, etc. Similarly, stop water flows onto non-targeted areas, such as adjacent property, non-irrigated areas, hardscapes, roadways, or structures.
3. Irrigate residential and commercial landscape before 10 a.m. and after 6 p.m. only, unless using drip irrigation.
4. Use a hand-held hose equipped with a positive shut-off nozzle or bucket to water landscaped areas, including trees and shrubs located on residential and commercial properties that are not irrigated by a landscape irrigation system.
5. Irrigate nursery and commercial grower's products before 10 a.m. and after 6 p.m. only. Watering is permitted at any time with a hand-held hose equipped with a positive shut-off nozzle, a bucket, or when a drip/micro-irrigation system/ equipment is used. Irrigation of nursery propagation beds is permitted at any time. Watering of livestock is permitted at any time.
6. Use re-circulated water to operate ornamental fountains.
7. Wash vehicles using a bucket and a hand-held hose with positive shut-off nozzle, mobile high pressure/low volume wash system, or at a commercial site that re-circulates (reclaims) water on-site. Avoid washing during hot conditions when additional water is required due to evaporation.
8. The irrigation with potable water of ornamental turf on public street medians is prohibited.
9. The application of potable water to outdoor landscapes during or within 48 hours of measurable rainfall is prohibited
10. The irrigation with potable water of landscapes outside of newly constructed homes and buildings in a manner inconsistent with

regulations or other requirements established by the County of San Diego's Landscape Ordinance.

11. Serve and refill water in restaurants and other food service establishments only upon request.
12. Offer guests in hotels, motels, and other commercial lodging establishments the option of not laundering towels and linens daily.
13. Repair all water leaks within five (5) days of notification by the Fallbrook Public Utility District unless other arrangements are made with the General Manager.
14. Use recycled or non-potable water for construction purposes when available.

During a Water Shortage Response Levels 1-6 condition, the water conservation measures and water use restrictions established by this Article 17 are mandatory and violations are subject to criminal, civil, and administrative penalties and remedies as specified in this Article."

Sec. 17.8.1 WATER SHORTAGE RESPONSE LEVEL 1 – WATER SHORTAGE NOTICE CONDITION.

During a Level 1 Water Shortage Notice condition, the District will increase its public education and outreach efforts to emphasize increased public awareness of the need to implement water conservation practices to ensure that no water is wasted, and increase enforcement of prohibitions of end use to promote a consumer demand reduction of up to ten percent (10%).

All persons using District water shall comply with Normal Conditions water conservation practices during a Level 1 Water Shortage Watch, as identified in Sec. 17.8.0.

Sec. 17.8.2 WATER SHORTAGE RESPONSE LEVEL 2 – WATER SHORTAGE WATCH CONDITION.

During a Level 2 Water Shortage Watch condition, the District will increase its public education and outreach efforts to emphasize increased public awareness of the need to implement water conservation practices to ensure that no water is wasted, and promote a consumer demand reduction of up to twenty percent (20%).

All persons using District water shall comply with Normal Conditions and Level 1 Water Shortage Notice water conservation practices during a Level 2 Water Shortage Watch, as identified in Sec. 17.8.0 and 17.8.1. Additionally, upon declaration of a Level 2 Water Shortage Watch condition, the District will suspend consideration of annexations to its service area except under the following circumstances:

1. The applicant provides substantial evidence of an enforceable commitment that water demands for the project will be offset prior to the provision of a new water meter(s) to the satisfaction of Fallbrook Public Utility District.