



ENGINEERING AND OPERATIONS COMMITTEE MEETING

Thursday, February 11, 2021
4:30 p.m.

1. Call meeting to order
2. Public communications to the Committee
3. Additional items arising after posting of agenda
4. RZ System
 - a. PFAS Treatment – Update
 - b. New Well – Update
 - c. General PFAS – Update
 - d. Vista Panorama Reservoir – Update
 - e. System Status Report
 - f. East & West Well – Pumping Level Information Attachment A
 - g. RZ Water Use – Monthly Report– Information Handout
5. WZ System
 - a. Santiago Aqueduct Committee Representation – Update
 - b. 6MG Reservoir Geotechnical Evaluation –
 - Project Update and Budget Amendment Attachment B
 - c. Peters Canyon Treatment Plant – No Update
 - d. OC-70 Meter Issue – Update
 - e. Walnut Turnout/Tustin – No Update
 - f. Andres Reservoir Treatment/Water Quality – Update
 - g. System Status Report
 - h. WZ Water Use – Monthly Report Handout
6. Sewer System
 - a. ID1 Capacity, Reliability, and Augmentation Project #1 – Update
 - b. Sewer Master Plan Addendum – Update
 - c. System Rehabilitation and Replacement – Update
 - 2021 ID1 Pipeline Rehabilitation (CIPP) Project Handout
 - d. Sewer Development Permits Attachment C
 - e. Sewer System Status
 - f. Spill Report – No spills in January
7. Joint
 - a. Personnel Changes
 - b. COVID19 – Update
 - c. AWIA Status Report – Update
 - d. Site Planning/Administration Building – Update
 - e. SCADA Replacement – Update
8. Fuel Modification Zones
9. Adjournment

NOTE: Pursuant to California Governor's Executive Order No. N-29-20, executed March 17, 2020, members of the Board of Directors may elect to attend this Regular Meeting by telephone or video conference due to concerns relative to COVID-19 Coronavirus and avoidance of public gatherings. **THERE WILL BE NO PUBLIC LOCATION TO ATTEND THIS BOARD MEETING IN PERSON.** The public may attend either telephonically by calling into, or by videoconference by logging into, the meeting at:

To Access the Meeting by Computer/Device:

<https://us02web.zoom.us/j/84242219395?pwd=eW45VnhpNG1ya2pxb1lrREJJQ0IMUT09>
or via short link <https://bit.ly/3jCih52>

To Access the meeting by Phone:

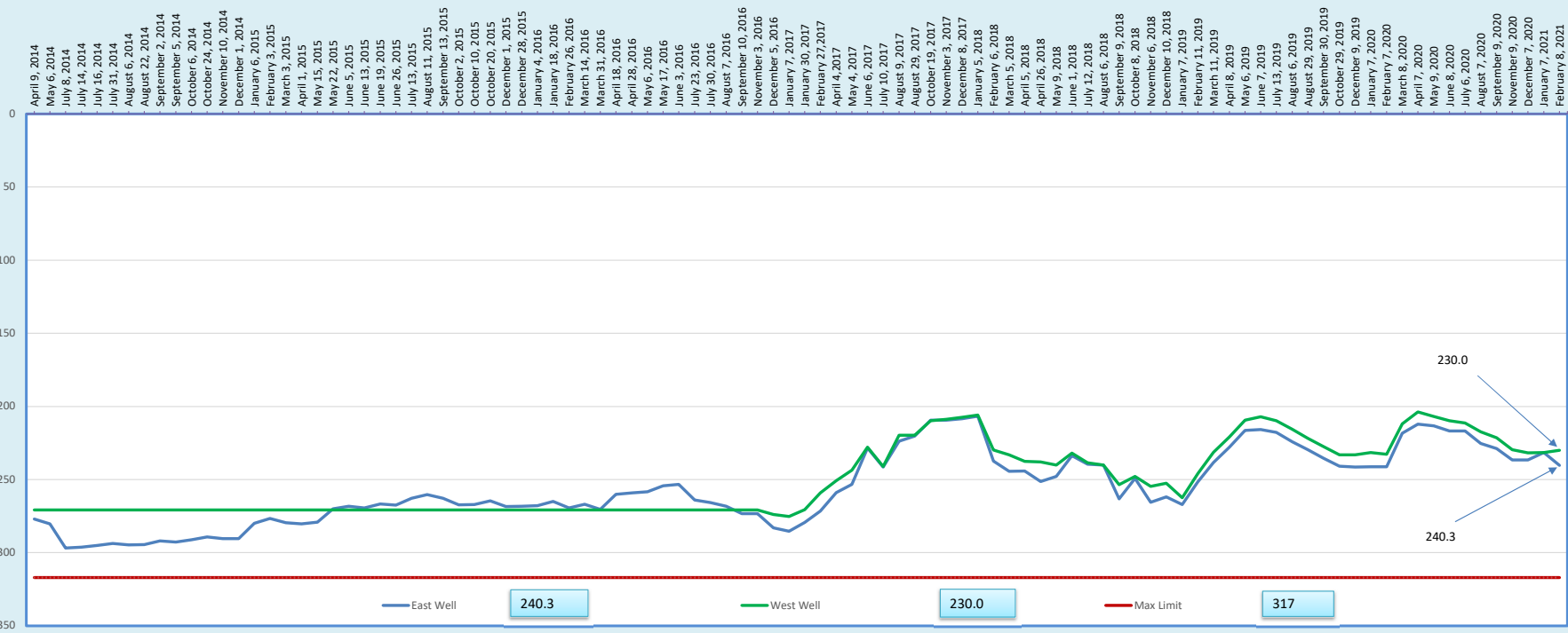
Dial: (669) 900-6833

Meeting ID: 842 4221 9395 Passcode: 117952

Members of the public may (i) e-mail comments to Sylvia Prado at sprado@eocwd.com up to 30 minutes before the Board meeting; (ii) submit a speaker request via the on-line chat feature at the beginning of the meeting prior to Item 3; or (iii) verbally indicate their desire to comment during the time designated on the agenda, and the comments shall either be heard by or read to the Board, as applicable. Members of the public wishing to attend the meeting that require other reasonable modifications or accommodation to facilitate such attendance should contact Ms. Prado at (714) 538-5815 or the e-mail provided above at least twenty-four (24) hours before the meeting to make such request.

Availability of agenda materials: Agenda exhibits and other writings that are disclosable public records distributed to all or a majority of the members of the East Orange County Water District Operations & Engineering Committee in connection with a matter subject to discussion or consideration at an open meeting of the Operations & Engineering Committee are available for public inspection in the District's office, 185 McPherson Road, Orange, California ("District Office"). If such writings are distributed to members of the Committee less than 72 hours prior to the meeting, they will be available via phone or email request to Ms. Sylvia Prado at (714) 538-5815 or sprado@eocwd.com.

East Well & West Well Pumping Water Levels





MEMO

TO: ENGINEERING AND OPERATIONS COMMITTEE
FROM: GENERAL MANAGER
SUBJECT: 6 MG PETERS CANYON RESERVOIR – GEOTECHNICAL EVALUATION PROJECT UPDATE AND BUDGET AMENDMENT
DATE: FEBRUARY 11, 2020

BACKGROUND

On December 15, 2020, during a routine inspection of the 6 MG Peters Canyon Reservoir, staff observed cracks in the CMU wall on the South and West sides of the reservoir. Due to the potential for slope failure and to ensure public health, safety, and District property were protected, staff contacted G3 Soilworks (G3) and authorized them under emergency basis to inspect the reservoir and embankment, install crack monitors, and develop a scope of work to perform an evaluation. G3 had installed monitoring wells in 2016, had recent knowledge of the site and subsurface conditions, and was available to respond quickly. Following the site visit, G3 recommended survey of the site to identify any abnormalities in the embankment and surrounding slopes. Staff contacted Sun Engineering (Sun) and awarded them a contract, in the amount of \$6,900.00, to complete a high-resolution Light Detection and Ranging (Lidar) survey of the reservoir (interior and exterior), the embankment, and the surrounding slopes on the South and West.

At a special meeting of the Engineering and Operations Committee on December 23, 2020, staff notified the Committee of the cracks, reviewed the actions taken to date, and reviewed G3's proposed scope of work for the geologic/geotechnical evaluation, in the amount of \$98,194.50. The Committee supported staff's recommendation to move forward with the evaluation and award a contract to G3. Subsequent to the meeting, staff decided it was in the District's best interest to continue the investigation with another firm due to G3's limited experience with dams and other factors. After considering a few firms, staff selected AECOM and awarded a contract to them under emergency basis in the amount of \$89,790.00. G3 had incurred costs in the amount of \$12,035.30 prior to the change.

FISCAL IMPACT

Funds in the amount of \$110,000.00 would be transferred from WZ Reserve Funds to Account 71038E1, 6MG Peters Canyon Reservoir Geotechnical Evaluation.

RECOMMENDATION

That the Committee recommend the Board amend the Wholesale Zone Capital Improvement Program Budget by adding Account 71038E1- 6MG Peters Canyon Reservoir Geotechnical Evaluation in the amount of \$110,000.

January 2021 - Sewer Connection & Wholesale Connection Permits

| Connection Address | Type of Development | Permit No | APN | Date Issued | Regional CFCC (OCSD) Fees | Local Capacity Chage Fees | Inspection Fees | Total Sewer | Wholesale Connection Meter Fees | Water District | Total |
|---|---------------------|-----------|------------|-------------|---------------------------|---------------------------|--------------------|---------------------|---------------------------------|----------------|---------------------|
| 1381 Peacock Hill Dr., Santa Ana 92705 | SFR | 20-21 | 503-361-20 | 1/6/2021 | \$ - | \$ - | \$ - | \$ - | \$ - | GSWC | \$ - |
| 12670 Greenwald Ln. Santa Ana, CA 92705 | ADU | 20-86 | 393-111-31 | 1/11/2021 | \$ 398.00 | \$ 415.04 | \$ - | \$ 813.04 | \$ - | EOCWD | \$ 813.04 |
| 10531 Ridgeway Dr., Santa Ana, CA 92705 | Septic Conversion | 20-87 | 503-701-01 | 1/7/2021 | \$ 4,973.00 | \$ 2,437.00 | \$ 800.00 | \$ 8,210.00 | \$ - | GSWC | \$ 8,210.00 |
| 13702 Saigon Ln. Santa Ana, CA 92705 | ADU | 20-92 | 395-553-02 | 1/14/2021 | \$ - | \$ 351.90 | \$ - | \$ 351.90 | \$ - | Tustin | \$ 351.90 |
| 1436 Kenneth Dr. Tustin, CA 92780 | ADU | 20-95 | 103-341-16 | 1/12/2021 | \$ - | \$ 2,196.42 | \$ 800.00 | \$ 2,996.42 | \$ - | Tustin | \$ 2,996.42 |
| 2252 Liane Lane, Santa Ana, CA 92705 | SFR | 20-96 | 104-621-14 | 1/26/2021 | \$ - | \$ - | \$ 800.00 | \$ 800.00 | \$ - | Tustin | \$ 800.00 |
| 11371 Cielo Place Santa Ana, CA 92705 | SFR | 21-01 | 502-052-01 | 1/19/2021 | \$ 1,939.00 | \$ - | \$ - | \$ 1,939.00 | \$ - | GSWC | \$ 1,939.00 |
| 10144 Rangeview Dr., Santa Ana, 92705 | SFR | 21-02 | 503-121-05 | 1/21/2021 | \$ - | \$ - | \$ - | \$ - | \$ - | GSWC | \$ - |
| 13131 Prospect Ave. Santa Ana, CA 92705 | SFR | 21-07 | 395-212-26 | 1/29/2021 | \$ 1,939.00 | \$ - | \$ - | \$ 1,939.00 | \$ - | Tustin | \$ 1,939.00 |
| Totals | | | | | \$ 9,249.00 | \$ 5,400.36 | \$ 2,400.00 | \$ 17,049.36 | \$ - | | \$ 17,049.36 |

January 2021 - In the Pipeline

| Connection Address | Type of Development | Permit No | APN | Water District | Permit Status |
|---|----------------------------|-----------|---------------------------|----------------|---|
| 9922 Newport Blvd, Santa Ana, 92705 | New Construction - 16 SFRs | | VTM No. 18062 | GSWC | Waiting for 3rd submittal |
| 9801 Brier Lane, Santa Ana, 92705 | New Construction - 5 SFRs | | 503-321-01, 503-321-02 | GSWC | Waiting for 3rd submittal |
| 13011-13051 Newport Ave, Tustin, 92780 | Commercial (Remediation) | 19-69 | 401-221-25 | Tustin | Waiting for confirmation of indemnification |
| 1182 Wass St. Tustin 92780 | SFR- ADU | 19-71 | 501-081-09 | Tustin | Pending customer permit payment |
| 12233 Circula Panorama, Santa Ana, 92705 | SFR - New Construction | 19-78 | 094-191-09 | EOCWD | Pending Response from Customer (Fire Flow) |
| 1472 Kenneth Dr. Tustin, 92780 | ADU | 20-47 | 105-341-23 | Tustin | Pending confirmation from customer |
| 1531 Martingale Place, Santa Ana, CA 92705 | ADU | 20-94 | 503-422-24 | GSWC | Pending Customer Signature |
| 14971 Holt Ave. Tustin, CA 92780 | Commercial | 21-03 | 401-292-12 | Tustin | Pending Customer Signature |
| 1911 Beverly Glen Dr. Santa Ana, CA 92705 | SFR | 21-04 | 104-631-05 | Tustin | Pending Customer Signature |
| 13862 Gimbert Lane, Santa Ana, CA 92705 | SFR | 21-05 | 395-572-01 | Tustin | Pending Customer Signature |
| 18812 & 11802 E. Center Ave. Orange, CA 92869 | SFR | 21-06 | 383-271-06 | Orange | Pending Revised Plans |
| 13321 Fairmont Way, Santa Ana, CA 92705 | SFR | 21-08 | 395-252-39 | Tustin | Pending Customer Signature |