



ENGINEERING AND OPERATIONS COMMITTEE MEETING

RAINBOW MUNICIPAL WATER DISTRICT
Wednesday, July 3, 2019
Engineering and Operations Committee Meeting - Time: 3:00 p.m.

District Office 3707 Old Highway 395 Fallbrook, CA 92028

Notice is hereby given that the Engineering and Operations Committee will be holding a regular meeting beginning at 3:00 p.m. on Wednesday, July 3, 2019.

AGENDA

- 1. CALL TO ORDER
2. PLEDGE OF ALLEGIANCE
3. ROLL CALL: Flint Nelson (Chair) Timothy Prince (Vice Chair)
Members: Tom Taufer Helene Brazier
Robert Marnett Mick Ratican
Harry Stitle
4. SEATING OF ALTERNATES
5. ADDITIONS/DELETIONS/AMENDMENTS TO THE AGENDA (Government Code §54954.2)
6. PUBLIC COMMENT RELATING TO ITEMS NOT ON THE AGENDA (Limit 3 Minutes)

COMMITTEE ACTION ITEMS

- 7. COMMITTEE MEMBER COMMENTS
\*8. APPROVAL OF MINUTES
A. May 1, 2018
9. PRESENTATION REGARDING H&A SPACE PLANNING FOR DISTRICT HEADQUARTERS
10. PRESENTATION REGARDING DEVELOPMENT OF DISTRICT HEADQUARTERS SITE
11. DISCUSSION AND POSSIBLE RECOMMENDATION REGARDING EASEMENTS FOR DISTRICT FACILITIES ON PRIVATE PROPERTY NEAR GIRD ROAD
12. UPDATE ON MISCELLANEOUS PIPELINE REPLACEMENT PROJECT
13. OPERATIONS DEPARTMENT PRESENTATION

14. UPDATE ON PRESSURE REDUCING STATION REPLACEMENT SCHEDULE
15. UPDATE ON CAPITAL IMPROVEMENT PROGRAM SCHEDULE AND COST STRUCTURE
16. LIST OF SUGGESTED AGENDA ITEMS FOR THE NEXT SCHEDULED ENGINEERING AND OPERATIONS COMMITTEE MEETING
17. ADJOURNMENT

**ATTEST TO POSTING:**

  
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**For:** Carl Rindfleisch  
Secretary of the Board

6-19-19 @ 3:00 p.m.  
\_\_\_\_\_  
Date and Time of Posting  
Outside Display Cases

**MINUTES OF THE ENGINEERING AND OPERATIONS COMMITTEE MEETING  
OF THE RAINBOW MUNICIPAL WATER DISTRICT  
MAY 1, 2019**

1. **CALL TO ORDER** – The Engineering and Operations Committee Meeting of the Rainbow Municipal Water District on May 1, 2019 was called to order by Chairperson Nelson at 3:00 p.m. in the Board Room of the District, 3707 Old Highway 395, Fallbrook, CA 92028. Chairperson Nelson, presiding.

2. **PLEDGE OF ALLEGIANCE**

3. **ROLL CALL:**

**Present:** Member Prince, Member Stitle, Member Taufer, Member Brazier, Member Ratican, Member Marnett, Member Nelson.

**Also Present:** General Manager Kennedy, District Engineer Strapac, Associate Engineer Powers, Operations Manager Gutierrez, Water Operations Superintendent Walker, Engineering Tech Rubio.

No public members were present.

4. **SEATING OF ALTERNATES**

None.

5. **ADDITIONS/DELETIONS/AMENDMENTS TO THE AGENDA (Government Code §54954.2)**

Mr. Kennedy stated Item 9 would be deleted.

6. **PUBLIC COMMENT RELATING TO ITEMS NOT ON THE AGENDA (Limit 3 Minutes)**

None.

**COMMITTEE ACTION ITEMS**

7. **COMMITTEE MEMBER COMMENTS**

None.

\*8. **APPROVAL OF MINUTES**

A. April 3, 2019

**Motion:** Approve the minutes as written.

**Action:** Approve, Moved by Member Brazier, Seconded by Member Stitle.

**Vote:** Motion passed (summary: Ayes = 7)

**Ayes:** Member Nelson, Member Prince, Member Brazier, Member Marnett, Member Ratican, Member Stitle, Member Taufer.

**9. DISCUSSION AND POSSIBLE ACTION REGARDING THE JADE ENCROACHMENT AND EASEMENT**

Agenda item deleted.

**10. MISCELLANEOUS PIPELINE UPDATE AND POSSIBLE ADDITIONS TO PROJECT**

Mr. Strapac said during the design review District staff identified additional gaps within the waterlines on Gopher Canyon, which would be useful to connect during the pipeline relocation. He mentioned the estimate for the additional consulting fees had not been obtained yet. He said closing the gaps in the system would provide increased north to south connectivity, improve fire flow, and overall system operations. Mr. Kennedy added by closing the gaps it would provide a better network within the Districts' water system, as well as increasing customer reliability and it would avoid having to use three separate CWA connections. Discussion ensued.

Mr. Strapac said this was a CIP project, installing 12-inch pipe, adding approximately 2,000 feet. Mr. Kennedy said the funding was available under the CIP for the additional design and construction work. He mentioned this would be a change order to the current contract. Discussion ensued.

**11. VIA ARARAT DESIGN PROJECT UPDATE**

Mr. Strapac said the project should be out to bid by the end of the week. He mentioned the bid documents would be uploaded to the District's website and the Construction Bidboard. He said the bids were due by June 3, 2019. Mr. Kennedy stated the construction work should take approximately four months. Discussion ensued.

**12. PRELIMINARY ENVIRONMENTAL IMPACT REPORT UPDATE**

Mr. Strapac said based on the consultant interviews it was discovered that there was a hybrid PEIR that could be used along with the District's PEIR, which would provide a cost saving to the District. He said the proposed consultant was asked to provide a revised cost estimate to include a hybrid PEIR, in addition to the District's Headquarters in the studies. Discussion ensued.

Mr. Stitle asked when the PEIR has been approved when would it expire. Mr. Kennedy responded he was unsure, although he believed the duration could be described in the PEIR.

Mr. Nelson asked about the scope, schedule and budget. Mr. Stapac responded possibly having a June 2019 award, if he received the revised scope and cost estimate from the consultant by mid-May 2019.

**13. RECORD OF SURVEY UPDATE**

Mr. Strapac said he met with Mr. Mathe the Surveyor for the County of San Diego to review the Record of Survey. He said Mr. Mathe recommended going forward with recording the Record of Survey and address the issue with **solving the gap problem after the Record of Survey is recorded**. He pointed out when the chain of title was received it would clarify if there was an error in the older deeds that created the gap **that should not be there in which case it would go away**. He mentioned the District could also have adverse possession rights. He said the normal process would be to have the District's attorney locate the original sub-divider (if they still exist) to determine if that gap was intentional. He mentioned if the original sub-divider was not located then

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the District would proceed with a Quiet Title action; meaning a judge would be presented with the problem and the judge would erase it legally. He pointed out this process would be expensive approximately \$25K. Discussion ensued.

Mr. Kennedy asked if the District could request eminent domain on the gap. Mr. Strapac responded yes. Discussion ensued.

#### **14. OPERATIONS REVIEW**

Mr. Gutierrez provided a presentation on the Water Operations Services. He introduced Mr. Walker the Water Operations Superintendent. He said Water Operations was responsible for the water quality, ordering water, managing pressure stations, maintaining pump stations and storage facilities. He pointed out there were nine staff members responsible for providing service to three reservoirs, thirteen tanks and seven pump stations. He discussed the following items:

##### Water Quality:

- Pull 22 water quality samples mandated by the state.
- Prepare monthly and annual reports for the State Water Resource Control Board.
- Prepare the annual Consumer Confidence Report.
- Respond to water quality complaints.

##### Ordering Water:

- Water is ordered from the SDCWA. It can be ordered three times a day at 8:00 a.m., 2:00 p.m. and 8:00 p.m. based on previous demands, weather forecasts, and current operations. Staff are required to check water levels every day year-round.
- Adjust tank and reservoir levels to meet demands. Mitigate impact of the SDCWA annual shutdowns.
- Four staff plus the Superintendent and the Operations Manager verify water ordering.
- The Supervisory Control Automated Data Acquisition computer program is used to monitor and control the water system.

##### Manage Pressure Stations:

- Maintain and operate 75 pressure stations.
- Work with Engineering to identify new locations for additional pressure stations.
- Work with Engineering and Construction to install new pressure stations.

##### Maintain and Operate Pump Stations and Storage Facilities:

- Suez Contract – provides maintenance of the tanks.
- Staff maintain pumps and motors. The repairs are out sourced.
- Staff maintain control valves.
- Coordinate with Engineering for pump station rehabilitation and re-builds.

**15. LIST OF SUGGESTED AGENDA ITEMS FOR THE NEXT SCHEDULED ENGINEERING AND OPERATIONS COMMITTEE MEETING**

- Jade Easements and Variance Update
- Misc. Pipeline Replacement Update
- Via Ararat Update
- PEIR Update
- HQ Site Development
- Operations Presentation

**16. ADJOURNMENT**

Meeting adjourned at 4:25 p.m. to June 5, 2019.

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**Flint Nelson, Committee Chairperson**

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**Dawn M. Washburn, Board Secretary**