



ENGINEERING AND OPERATIONS COMMITTEE MEETING

RAINBOW MUNICIPAL WATER DISTRICT

Wednesday, May 1, 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, May 1, 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. April 3, 2019

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

10. MISCELLANEOUS PIPELINE UPDATE AND POSSIBLE ADDITIONS TO PROJECT

11. VIA ARARAT DESIGN PROJECT UPDATE

12. PRELIMINARY ENVIRONMENTAL IMPACT REPORT UPDATE

13. RECORD OF SURVEY UPDATE

14. OPERATIONS REVIEW

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

ATTEST TO POSTING:



For: Carl Rindfleisch
Secretary of the Board

4-24-19 @ 1:30 p.m.

Date and Time of Posting
Outside Display Cases

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**MINUTES OF THE ENGINEERING AND OPERATIONS COMMITTEE MEETING
OF THE RAINBOW MUNICIPAL WATER DISTRICT
APRIL 3, 2019**

1. **CALL TO ORDER** – The Engineering and Operations Committee Meeting of the Rainbow Municipal Water District on April 3, 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, Wastewater Superintendent Zuniga, Project Manager Johnson, Engineering Tech Rubio.

 No public members were present.
4. **SEATING OF ALTERNATES**

 None.
5. **ADDITIONS/DELETIONS/AMENDMENTS TO THE AGENDA (Government Code §54954.2)**

 None.

Returned from Agenda Item Number 9.

Mr. Nelson asked to add Record of Survey after Agenda Item Number 12 for discussion.

Motion: Add agenda item for Record of Survey after Item Number 12.

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

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

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

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

Mr. Kennedy provided a brief update on the Beck Reservoir Inundation Map. He said the District was notified by the State of California that the reservoir could be placed in an inoperable state and not require the preparation of an inundation map. He mentioned the District was waiting on clarification from the State prior to proceeding.

***7. APPROVAL OF MINUTES**

A. March 6, 2019

Motion: Approve the minutes as written.

Action: Approve, Moved by Member Stittle, Seconded by Member Ratican.

Vote: Motion passed (summary: Ayes = 6, Noes = 0, Abstain = 1).

Ayes: Member Prince, Member Stittle, Member Brazier, Member Ratican, Member Marnett, Member Nelson.

Abstain: Member Taufer.

8. JADE EASEMENTS AND VARIANCE UPDATE

Mr. Strapac said the title report with plotted easements was received today (4/3/19), although it has not been reviewed. Mr. Nelson stated this item would be postponed for next month.

9. ABM UPDATE

Mr. Kennedy stated this matter was a closed session item with the Board. He pointed out the public information was that the District sent ABM a settlement offer, which followed the terms of the contract. He mentioned ABM requested a meeting to go over the offer and asked that a Board Member be present. Discussion ensued.

Mr. Nelson asked to return to Agenda Item Number 5.

10. MISCELLANEOUS PIPELINE REPLACEMENT UPDATE

Mr. Strapac said the survey has been completed. He mentioned the design plans were about 35% completed.

Mr. Kennedy said the planned improvements on Gopher Canyon would benefit by adding an extension. Mr. Strapac mentioned there were two gaps that needed to be addressed. Mr. Kennedy said by filling the gaps it would improve hydraulic connectivity. Discussion ensued.

11. ARARAT UPDATE

Mr. Strapac stated the Via Ararat design plans were completed and being reviewed by a District Consultant and Mr. Ratican. He mentioned staff was still waiting on one easement. Mr. Stittle asked if there was any reason the property owner would object to the easement. Mr. Strapac responded no. He continued as a matter of fact, the District would be adding three fire hydrants on the road, which would benefit the property owner. Discussion ensued.

12. PROGRAMMATIC ENVIRONMENTAL IMPACT REPORT (PEIR) UPDATE

Mr. Strapac said staff conducted interviews with the top three ranking firms – ESA, Rincon, and Helix. He said the panel was comprised of Mr. Lim, Community Development Director of the City of Solana Beach, Mrs. Johnson and himself. He said of the three firms Helix Environmental

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scored the highest. He mentioned the proposed fees have not been reviewed due to the need to negotiate some changes in the Scope. Discussion ensued.

12A. RECORD OF SURVEY UPDATE

Mr. Strapac said the District's Record of Survey has been submitted to the County of San Diego. He pointed out a gap that the surveyor would need to address and correct. He mentioned the lots were created by deeds. He explained a deed transfers the property and a record of survey defines the property. He said there had never been a map completed for the District parcels, resulting in the need to set monuments. Discussion ensued.

13. OPERATIONS PRESENTATION - WASTEWATER

Mr. Gutierrez provided a presentation on the Wastewater Services. He described the responsibilities of the Wastewater staff. He mentioned there were four staff members including a supervisor. He continued there was a total of 87 miles of sewer line (gravity/forcemain), eight lift stations, 1,643 manholes and 17 smart covers.

Mr. Gutierrez presented pictures of District manholes located in the middle of the creek. He explained the manhole lids contain holes to allow the system to breath, although rain and creek water enters the system through those holes. He pointed out the extra water entering the system was costing the District money. He said the use of plugs and rain pans were being strategically placed on the manhole covers throughout the District in areas with infiltration and intrusion of water. He stated by placing plugs and rain pans on the manholes pumping and treatment costs were reduced, as well as preventing spills.

Mr. Gutierrez stated Wastewater Services dealt with the following regulatory agencies on a regular basis:

- Sanitary Sewer Maintenance Plan (SSMP)
- San Diego County Region Water Board
- San Diego County Health Department
- Cal-OES-Spills>1,000 or entry to storm drain
- Air Pollution Control District (APCD)
- California Integrated Water Quality Control System (CIWQS)-Spills/monthly

Mr. Gutierrez pointed out this small Wastewater Services team was required to keep up with the same amount of regulatory work that larger agencies were required to maintain.

Mr. Gutierrez discussed smaller in-house projects as follows:

- Manhole Lining
- Cured in Place Pipe (CIPP) of 583 feet under I-15
- Clean & TV from Hwy 76 to Stallion on N. River Road
- School House Lift Station-Design Review
- Thoroughbred Equalization Basin-Design Review

Mr. Gutierrez said another expertise component of the Wastewater Services was confined space entry. He explained all the safety and documentation requirements for this process. He mentioned that Wastewater staff train with local fire fighters in a collaborative effort to learn from one another.

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Mr. Gutierrez said the Wastewater Services maintain a schedule for cleaning the sewer gravity lines with the District's equipment truck. Discussion ensued.

Mr. Gutierrez introduced Mr. Zuniga the Wastewater Superintendent, a 26-year staff member, to assist in answering any technical questions.

Mr. Gutierrez said the District has 17 smart cover devices that alert the District of water rising in a manhole sending an alert prior to a sewer spill. He stated there were two that measure flow. He mentioned a conversation with Mr. Kennedy to evaluate the positions of the devices and whether to add more in order to pin point where the extra flows were coming from in the system. Discussion ensued.

14. 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
- Pipeline Design Update
- Pressurized Water Main Rehabilitation
- Operations Presentation

15. ADJOURNMENT

Meeting adjourned at 4:50 p.m. to May 1, 2019.

Flint Nelson, Committee Chairperson

Dawn M. Washburn, Board Secretary