

**MINUTES OF THE ENGINEERING AND OPERATIONS COMMITTEE MEETING  
OF THE RAINBOW MUNICIPAL WATER DISTRICT  
AUGUST 1, 2018**

1. **CALL TO ORDER** – The Engineering and Operations Committee Meeting of the Rainbow Municipal Water District on August 1, 2018 was called to order by Chairperson Prince at 3:00 p.m. in the Board Room of the District, 3707 Old Highway 395, Fallbrook, CA 92028. Chairperson Prince, presiding.

2. **PLEDGE OF ALLEGIANCE**

3. **ROLL CALL:**

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

**Also Present:** General Manager Kennedy, District Engineer Strapac, Associate Engineer Powers, Engineering Tech. Rubio, Interim Operations Manager Gerdes, C&M Superintendent Maccarrone.

**Absent:** Alternate Kirby, Member Ratican.

There were seven members of the public present.

4. **SEATING OF ALTERNATES**

Mr. Nelson was invited to take a voting seat.

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

Mr. Kennedy said Item 10 would be deleted and there would only be a partial update to Item 13.

6. **PUBLIC COMMENT RELATING TO ITEMS ON THE AGENDA**

There were no comments.

**COMMITTEE ACTION ITEMS**

**\*7. APPROVAL OF MINUTES**

A. June 6, 2018

B. July 11, 2018

**Motion:** Approve the June 6, 2018 minutes as written.

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

**Vote:** Motion passed unanimously.

**Ayes: Member Prince, Member Stitle, Member Taufer, Member Brazier, Member Robertson, Member Marnett, Alternate Nelson**

**Motion: Approve the July 11, 2018 minutes as written.**

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

**Vote: Motion passed unanimously.**

**Ayes: Member Prince, Member Stitle, Member Taufer, Member Brazier, Member Robertson, Member Marnett, Alternate Nelson**

## **8. DISCUSSION AND POSSIBLE ACTION REGARDING SEWER MITIGATED NEGATIVE DECLARATION FOR LIFT STATION #1, SRIDHAR SADASIVAN OF KENNEDY-JENKS TO PRESENT**

Mr. Powers provided a brief introduction of the Lift Station 1 Replacement Project. He said replacing Lift Station 1 would increase the sewer capacity to meet the current development demand. He pointed out part of the process would require a mitigated negative declaration study. He introduced Mr. Sadasivan from Kennedy-Jenks to provide a presentation on the status of the project.

Mr. Sadasivan provided a brief overview of the project. He stated the Lift Station 1 Replacement Project was phased with several design packages that would be implemented within the next several years. He said the improvements associated with the project were adding a pump station at Golf Green Estates, and an equalization basin to handle peak flows. He pointed out two new lift stations at Thoroughbred and Schoolhouse would be constructed in addition to seven new sewer mains. Discussion ensued.

Mr. Kennedy pointed out the sewer system was being sized to handle all the current projects paid into the system; new developments that have not paid capacity fees would be required to fund any new improvement requirements.

Mr. Sadasivan said the intent was to have the California Environmental Quality Act (CEQA) document ready for public review soon. He introduced Ms. Dramko from Helix Environmental Planning to provide a summary of the CEQA process. Ms. Dramko said she has been analyzing the environmental impacts of the entire project. She mentioned general environmental, and biological analysis were conducted. She identified project design features that were not mitigation measures, although incorporated as part of the project to reduce any potential impacts, such as:

- Trenchless Construction – Pipelines suspended from bridges (Moosa Creek and SLR River), Jack and Bore.
- Construction fencing/flagging along Old River Road near drainages.
- Construction traffic control plan.
- Construction dust control measures.
- Stormwater Pollution Prevention Plan (SWPPP)

Ms. Dramko provided a brief overview of the environmental documents identified as the Mitigated Negative Declaration (MND) in compliance with the CEQA. She explained with the incorporation of mitigation measures there would be no impacts associated with the project. She pointed out the MND was supported by the initial study, which covered 17 environmental topics. She said in addition to the project design features there were four areas of mitigation still required as follows:

- Biological Resources: Pre-con Nest and Sensitive Bird Surveys, Construction noise levels limited to 60 dBA if present.
- Cultural Resources: Archeological and Native American Monitoring Plan, Procedures for unanticipated discovery of cultural and paleontological resources.
- Hazards: HAZ-1 - Sewage Lift Station Safety Features.
- Noise: Construction noise limits are 70 dBA. Lift Station noise limits are 50 dBA daytime / 45 dBA nighttime.

Ms. Dramko briefly went over the schedule for the next steps. She anticipates the final Initial Study/MND to be ready for the October 2018, Board Meeting.

Mr. Nelson asked if there was a negative declaration would there be an expiration date. Ms. Dramko responded not technically, however, if conditions change beyond what was analyzed an addendum could be prepared. Mr. Nelson asked what if there was a State Regulation change would there be an expiration date. Ms. Dramko responded no, the Initial Study/MND would be grandfathered in.

Mr. Kennedy said copies of the Initial Study/MND would be available for review electronically on the District and the State Clearinghouse websites. Discussion ensued.

## **9. DISCUSSION AND POSSIBLE ACTION REGARDING SEVENTH-DAY ADVENTIST PROPERTY LEASE AT BECK FOR THE PLACEMENT OF A TRAILER WITH A RADIO TRANSMITTER**

Mr. Strapac said staff was contacted by the Seventh-Day Adventist to lease District property at Beck for the placement of a trailer with a radio transmitter. Mr. Strapac stated the District did not have a current policy in place regarding leasing procedures. He said this item was brought to the committee for discussion. Mr. Kennedy mentioned these types of requests are few and normally dealt with on a case by case basis.

Mr. Kennedy asked about the CEQA requirements on this request. Mr. Strapac pointed out that the antenna would be on a trailer. Mr. Robertson expressed concerns with the visual aspects of the antenna and in addition, on how it would affect pacemakers.

Ms. Dramko was asked about the process for CEQA. She recommended asking for an exemption. Mr. Kennedy stated the District would be the lead agency, although the applicant would be responsible for obtaining all approvals and contacting the appropriate environmental review agency at their own cost. Discussion ensued.

Mr. Robertson said leasing District land that would cause the District problems should be avoided. Ms. Brazier agreed that this request could cause issues with the surrounding customers.

Mr. Brownlow representative of the Seventh-Day Adventist provided a brief explanation of the proposed antenna location. He said the NE corner of Beck Reservoir was selected because it complies with FCC requirements, for which he confirmed having a license. He described the location of the proposed placement of the mobile antenna and mentioned it would be self-contained. He said a 20'x20' footprint was required that would be fenced in to keep the radio equipment safe. The following additional information was provided, and discussion ensued:

- Low power transmitter
- 12 meters high
- 99 mhz
- Broadcast intermittently
- 39 watts
- New location provides triple coverage

Mr. Kennedy said the District's goal was to maximize the use of its assets to benefit the rate payers, such as leasing the land for cell towers. He pointed out per government codes, the Board would have to appraise the land, to determine the correct amount to charge the applicant, CEQA approvals would have to be obtained all at the cost of the applicant. He continued zoning would also have to be approved by the County and in addition, there were some potential challenges with the surrounding neighbors. He suggested looking at the Sumac location as an alternative. Discussion ensued.

Ms. Brazier asked if all the District's leased properties have been evaluated to ensure they were priced correctly. Mr. Kennedy responded it was currently being reviewed and he could recommend a report be submitted to the Board within the next couple of months.

Mr. Kennedy said the District was sympathetic concerning the applicant's situation, although the District has constraints regarding what can be done with public land and funds. Discussion ensued.

Mr. Strapac said in summary the District would need an environmental review, appraisal and zoning determination prior to going forward. Mr. Powers said SDG&E easements would also have to be reviewed.

Mr. Kennedy apologized for appearing too obstructionist; Ms. Brazier added it was being accountable. Mr. Strapac said this item would be brought back to the committee when the Seventh-Day Adventist provided all the required documents.

## **10. REVIEW OF PIPELINE RELOCATION REQUEST FOR PROPOSAL**

This item was deleted.

## **11. DISCUSSION AND POSSIBLE ACTION REGARDING ON-CALL LAND SURVEYING SERVICES CONTRACTS**

Mr. Strapac said an RFP was sent out for on-call land surveying services and six proposals were received. He mentioned after evaluating the proposals the top three would be contacted to negotiate a two to three-year contract with options to extend. He explained as the District identifies work a request would be sent out to the three consultants to provide a cost to perform the services and based on cost and availability the District would select the consultant. He said in the RFP it was mentioned that the contracts would be recommended to the Board for a not to exceed amount of \$50K. Discussion ensued.

**Motion: Recommend to the Board to proceed with the process to approve the top three on-call land surveying services contracts.**

**Action: Approve, Moved by Member Robertson, Seconded by Alternate Nelson.**

**Vote: Motion passed unanimously.**

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

**12. DISCUSSION REGARDING VIA VERA AND DESIGN-BUILD OF APPROXIMATELY 20 PRESSURE REDUCING STATIONS**

Mr. Strapac said currently there were pressure stations identified by the Operations staff as being problematic to work in. He explained a way to solve the problem quickly and efficiently would be to find a contractor willing to make uniform pressure reducing stations “premanufactured dog-house” units for the District. He said the District has contacted EFI that was willing to work on design and pricing based on quantity. The following advantages of the design-build pressure stations were mentioned:

- Reduction of confined spaces
- Low maintenance
- Standard parts
- Better pricing
- Lower customer claims
- Easy to install
- Easy access for repairs
- Protected from the elements
- Increase staff safety

Mr. Kennedy said currently Mr. Strapac was working on a scope with EFI prior to going forward with the full procurement process. He pointed out the District Operators identified 20 as high priority out of the 70 pressure stations. Discussion ensued.

Mr. Nelson asked could the procurement of these pressure stations be considered sole source and how would the District ensure price protection. Mr. Kennedy replied based on experience of bidding out a similar requirement there were not able to find other companies with the same capabilities and the pricing was extremely high. He continued the District could test the current market and send out a request for qualifications from firms for part professional service and part fabrication. Discussion ensued.

**13. TANK FALL PROTECTION UPDATE**

Mr. Kennedy provided a brief update regarding obtaining competitive pricing for this project based on the committee’s previous advice. He said due to the specialized type of work, he only found one other contractor that was willing to review the plans and provide a quote. Discussion ensued.

He noted that the Pala Mesa Tank does not use the welded steel railing instead it has stainless steel cable with support posts, which could be a less expensive option to consider.

**14. DISCUSSION AND POSSIBLE ACTION REGARDING PRE-PROCUREMENT OF PRE-MANUFACTURED PRESSURE REDUCING STATIONS**

Discussion on this item was included with Item 12.

**15. DISCUSSION REGARDING POTABLE PIPE SYSTEM CORROSION PROTECTION**

Mr. Powers said HDR prepared a Condition Assessment Report, which has been discussed in previous committee meetings. He pointed out the main findings from the report identified higher probability failures in pipelines that exist in high corrosive soils and high-pressure zones combined.

He mentioned some of the solutions to the high-pressure reduction were already discussed. He said currently the District was evaluating where cathodic protection would be beneficial. He said a project to evaluate where in the District cathodic protection would provide added value by extending the life of the pipelines, in addition to implementing cathodic protection when encountering the pipe. He continued the first part of this project would be when these pipelines were exposed District staff would drop in an anode as added protection. He said a second part of the project would be to investigate areas that would benefit from anodes and other methods of cathodic protection. Discussion ensued.

Mr. Kennedy stated an RFQ would be sent out for this specialized field of work.

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

The following agenda items were suggested:

- Tank Fall Protection Update
- PRS Update
- ABM Update
- Corrosion Protection RFQ Update
- Sewer Flow Monitoring
- Operations Update

**17. ADJOURNMENT**

The meeting adjourned at 5:04 p.m.

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**Timothy Prince, Committee Chairperson**

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**Dawn M. Washburn, Board Secretary**