

**MINUTES OF THE ENGINEERING COMMITTEE MEETING
OF THE RAINBOW MUNICIPAL WATER DISTRICT
MAY 6, 2015**

1. **CALL TO ORDER** – The Engineering Committee Meeting of the Rainbow Municipal Water District on May 6, 2015 was called to order by Vice Chairperson Brazier at 3:00 p.m. in the Board Room of the District, 3707 Old Highway 395, Fallbrook, CA 92028. Vice Chairperson Brazier, presiding.

2. **PLEDGE OF ALLEGIANCE**

3. **ROLL CALL:**

Present: Member Brazier
Member Taufer
Member Stitle
Member Prince
Member Rhyne
Member Kirkpatrick
Alternate Member Kennedy

Absent: Member Strapac

Also Present: Assistant Rubio

Mr. Kirby, Mr. Ratican, Dr. Robertson and Mr. Murray were the public members present.

4. **PUBLIC COMMENT RELATING TO ITEMS NOT ON THE AGENDA**

There were no public comments.

COMMITTEE ACTION ITEMS

*5. **APPROVAL OF MINUTES**

A. April 1, 2015

Mr. Taufer referred to page four of the minutes and asked for more detail regarding who Mr. Thead represented. Mr. Kennedy responded the minutes would be amended to identify Mr. Thead as the Vessels Family representative.

ACTION:

Moved by Member Stitle to approve the minutes as amended. Seconded by Member Mr. Taufer.

After consideration, the motion **CARRIED** by the following vote:

AYES: Member Brazier, Member Taufer, Member Prince, Member Rhyne, Member Stitle, Member Kirkpatrick and Alternate Kennedy.

NOES: None.

ABSTAINED: None.

ABSENT: Member Strapac.

6. DISCUSSION AND POSSIBLE ACTION REGARDING COMMITTEE APPOINTMENTS AND OTHER CHANGES TO COMMITTEE MEMBERSHIPS

Mrs. Brazier invited the members of the public interested in joining the Engineering Committee to introduce themselves. She mentioned Mr. Kirby had attended last month's meeting.

Mr. Kirby said he works for the Vallecitos Water District as the Inspection Supervisor and was interested in being involved with this District.

Mr. Ratican said he has been a Fallbrook resident since 1980. He was a retired Civil Engineer and became partial owner of an engineering firm prior to retirement.

Dr. Robertson said he was retired, although currently still teaching at ITT Tech in the areas of natural sciences and engineering. He holds a PHD in Engineering and a second honorary in Geology. He said as an environmental science teacher he was very interested in water. He served for 22 years as a city councilman for the City of Los Angeles. He pointed out he was very concerned with the lack of understanding coming from Sacramento. He mentioned he has been enjoying retirement for the past 12 years and is looking forward to getting involved with the committee.

Mr. Murray said he was a retired Systems Engineer and also had some construction experience.

Mr. Kennedy said he appreciated everyone's interest and for taking the time to come out.

ACTION:

Moved by Member Prince to recommend to the Board to appoint Mr. Kirby as a Member on the Engineering Committee. Seconded by Member Stitle.

After consideration, the motion **CARRIED** by the following vote:

AYES: Member Brazier, Member Taufer, Member Prince, Member Rhyne, Member Stitle, Member Kirkpatrick and Alternate Kennedy.

NOES: None.

ABSTAINED: None.

ABSENT: Member Strapac.

Mrs. Brazier called attention to chairmanship and policies regarding member absences. Mr. Kennedy said per the Administrative Code board members were allowed to take action regarding members having missed more than three meetings. He pointed out although the current Chairperson, Mr. Strapac has tried to attend these meetings he has been absent quite often. Mrs. Brazier asked for recommendations regarding the current chairperson position. Mr. Prince and Mr. Stitle suggested appointing a new chairperson. Mrs. Brazier asked for

volunteers for the chairperson position. Mr. Prince volunteered as chairperson with the understanding that Mrs. Brazier would remain as Vice Chairperson. He recommended moving Mr. Strapac to an alternate member. Mr. Kirby mentioned he would have no problem being the chairperson after his appointment.

ACTION:

Moved by Member Stitle to appoint Mr. Prince as Chairperson, move Mr. Strapac to Alternate Member and remove Mr. Kennedy as Alternate Member. Seconded by Member Taufer.

After consideration, the motion CARRIED by the following vote:

AYES: Member Brazier, Member Taufer, Member Prince, Member Rhyne, Member Stitle, Member Kirkpatrick and Alternate Kennedy.

NOES: None.

ABSTAINED: None.

ABSENT: Member Strapac.

7. DISCUSSION AND POSSIBLE ACTION REGARDING MITIGATION BANK

Mrs. Kirkpatrick provided a copy of the letter received by the Conservation Land Group regarding the proposed term sheet between San Luis Rey Downs Enterprises, LLC (SLRDE) and the District. She pointed out the letter was concerning the Moosa Creek Mitigation Bank's Phase 1 portion east of Old River Road. She said SLRDE was seeking to execute an agreement for Phase 1 by June 30, 2015.

Mrs. Kirkpatrick explained the San Luis Rey Golf Course has been closed for approximately eight months and was in the process of being converted into a mitigation bank. She said the District has sewer and water lines running through the golf course protected by easements. She mentioned the District has been in negotiations for several months regarding widening and/or possibly quitclaiming the easements. She said specific to Phase 1 the following terms were being proposed:

Easement #22: RMWD to quitclaim this sewer line easement that has never been utilized (termination language included in this easement document: "This easement shall cease and terminate one year after cessation of use for the purpose specified"). The area of the easement is approximately 0.13 acres.

Easement #23: SLRDE to increase the width of the water line easement from 10' to 20'. The increase area is approximately 0.16 acres. RMWD to allow SLRDE to complete a shallow scrape within a small portion of the easement area during project construction.

Easement #26: SLRDE to increase the width of the sewer line easement from 15' to 20'. The increase area is approximately 0.24 acres. No grading is necessary within the easement area.

Mrs. Kirkpatrick said the above terms were reasonable. Mr. Kennedy said widening the easements would be a benefit to the District. He mentioned the District could potentially negotiate some land for a new location of the lift station. Discussion ensued.

Mr. Kennedy noted no action would be recommended regarding Phase 2.

ACTION:

Moved by Member Stitle to recommend approval of Phase 1 to quitclaim easement item number 22 in exchange for easement increases of item numbers 23 and 26, and for SLRDE to prepare the documents to properly locate RMWD main lines. Seconded by Member Prince.

After consideration, the motion CARRIED by the following vote:

AYES: Member Brazier, Member Taufer, Member Prince, Member Rhyne, Member Stitle, Member Kirkpatrick and Alternate Kennedy.

NOES: None.

ABSTAINED: None.

ABSENT: Member Strapac.

8. MASTER PLAN UPDATE

Mr. Kennedy said prior to discussing the master plan update he would like to discuss the water supply situation. He pointed out the direction coming down from the State does not reflect the current supplies here. He mentioned the District's water supply for FY 2016 has 100% supply including the 15% cut for agriculture users. He said there are a lot of issues surrounding the State's issuance of cut backs without recognizing those Districts that are prepared as opposed to the ones that have not prepared for the drought. He noted over the last 20 years, the San Diego region has invested nearly \$3B in projects designed to mitigate the risk related on the dependence for imported water. He pointed out San Diego now gets only a small amount of water from the Sierras. He said transfers from the Imperial Irrigation District, which are comprised of conserved water from canal lining and fallowing of farmland make up over 30% of the water supply. He mentioned when the Carlsbad Desalination Plant comes online later this year it will add another 7 to 10% more water supply.

He said the District would not place water reductions on customers at this time; only recommend customers conserve where possible. He mentioned only the AG customers will be required to cut back by 15%. Discussion ensued.

Mr. Kennedy said one of the first items tasked during the Master Plan process was to determine whether to build a wastewater treatment system. He said the District needed to determine whether to treat wastewater and if it was treated what would be the options with the recycled water. He mentioned one of the considerations when treating wastewater was where to store the recycle water. He stated the regional board requires 84 days of storage during wet weather. He said based on recent calculations the District would require 170 MG of storage space for which Beck Reservoir could be useful. He went over the summary of treatment alternatives as provided in four scenarios:

No Project Scenario: The District continues full wastewater service through Oceanside under the current agreement.

Scenario #1: District constructs 0.9 mgd treatment facility near the District Office site.

Scenario #2: District constructs 1.5 mgd treatment facility at PS#1 site.

Scenario #3: District constructs 1.5 mgd treatment facility near District Office site and PS#1 pumps back to plant.

Scenario #4: District construct 1.6 mgd treatment facility near District Office, with PS#1 and PS#2 pumped back to plant.

He pointed out based on the evaluation of the scenarios it appears Scenario #3 provides the greatest revenue potential at the lowest overall cost to the District. Discussion ensued.

He mentioned the cost of building a treatment facility could be offset through grant money, meter offset fees and depending on the timing 95-1. He said if the North River Road pipeline project was cancelled and a deal could be negotiated with Oceanside there would be enough revenue to cover the cost of the treatment facility. Discussion ensued.

He said the Master Plan should be completed by this summer.

9. SR 76 SEWER CONNECTION UPDATE

Mrs. Kirkpatrick provided a brief summary of the Highway 76 realignment project. She said Caltrans was upsizing the sewer line from Mission Road near River Village to Gird Road from a 12" to an 18" line. She mentioned there will be a traffic light installed on Via Monserate. She said there will be two lanes on each side of the 76 Highway with a concrete barrier. She noted a bridge would be built to go over the aqueduct due to CWA direction. She mentioned there would also be upgrades to the Park n' Ride area.

Mrs. Kirkpatrick stated the District would like to install four 36" casings perpendicular to the highway for future use. She said the benefit to adding the casing would be to avoid asking Caltrans for permission to cut across the highway. Mrs. Brazier asked about the cost. Mrs. Kirkpatrick responded the cost would be approximately \$500K for four casings. Mr. Kennedy reiterated these casings would be a great asset for future use. Discussion ensued.

ACTION:

Moved by Member Stitle to recommend to the Board to install the four casings. Seconded by Member Prince.

After consideration, the motion CARRIED by the following vote:

AYES: Member Brazier, Member Taufer, Member Prince, Member Rhyne, Member Stitle, Member Kirkpatrick and Alternate Kennedy.

NOES: None.

ABSTAINED: None.

ABSENT: Member Strapac.

10. GROUNDWATER STUDY UPDATE

Mr. Kennedy said the ground water study for the San Luis Rey Basin covers a large part of VCMWD, small part of FPUD and the District. He pointed out the main goal of the study was to identify within this basin what water rights the District had based on return water flow. He explained State law allows water districts who import water into a basin to have the right to extract the water based on the fact it was imported water return flow. He noted if the water was not used the District would have to provide an 18 month notice to customers owning wells that the District would start using its water rights. He noted between VCMWD, FPUD and the District there was about 10K AF of water to be claimed. He explained the various options to treat the water. Discussion ensued.

11. LIST OF SUGGESTED AGENDA ITEMS FOR THE NEXT SCHEDULED ENGINEERING COMMITTEE MEETING

The following agenda items were suggested: Committee Appointments, Review the time and day of the Engineering Committee Meetings, Master Plan Update and the Morro Tank Update.

12. ADJOURNMENT

ACTION:

The meeting was adjourned with a motion made by Member Brazier and seconded by Member Prince to June 3, 2015 at 3:00 p.m.

The meeting adjourned at 4:38 p.m.

Helen Brazier, Committee Vice Chairperson

Dawn M. Washburn, Board Secretary