

**MINUTES OF THE ENGINEERING COMMITTEE MEETING
OF THE RAINBOW MUNICIPAL WATER DISTRICT
NOVEMBER 4, 2015**

1. **CALL TO ORDER** – The Engineering Committee Meeting of the Rainbow Municipal Water District on November 4, 2015 was called to order by Chairperson Prince at 3:01 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 Brazier
Member Murray
Member Kirby
Member Ratican
Member Taufer
Member Stittle
Alternate Robertson
Alternate Kirkpatrick

Absent: None

Also Present: General Manager Kennedy
Director Walker
Assistant Rubio

Public members present were Ms. Rhyne, Mr. Marmett, Mr. Olivier and Mr. Bilson.

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

Mr. Walker mentioned the District needed a bigger parking lot. Ms. Kirkpatrick responded the bid would be out soon.

COMMITTEE ACTION ITEMS

*5. **APPROVAL OF MINUTES**
A. October 7, 2015

Action:

Moved by Member Brazier to approve the minutes as written. Seconded by Member Prince.

After consideration, the motion CARRIED by the following vote:

AYES: Member Prince, Member Brazier, Member Taufer, Member Stitle, Member Murray, Member Ratican, Member Lee, Member Robertson, and Alternate Member Kirkpatrick.
NOES: None
ABSTAINED: None
ABSENT: None

Discussion went to Item #7.

6. RAW WATER FEASIBILITY

Mrs. Kirkpatrick said a few months ago growers in the south zone approached the District regarding the possibility of providing raw water to lower the cost of the water. The District contracted with J.C. Heden and Associates to evaluate the feasibility of potentially obtaining raw water and treated water from the City of Oceanside's Weese Water Treatment Plant (WTP) including the probable costs. She mentioned the driver for providing raw water for growers was the quality and the costs. She provided a copy of the Feasibility Report and referred to the exhibits displaying the proposed raw water supply pipeline and storage facilities. She said another part of the report was to review the feasibility of getting treated water from the WTP. She mentioned during CWA shutdowns the District installs an emergency pump near the WTP to acquire treated water while the treated water aqueduct was shutdown.

Mr. Kennedy said the District uses expensive temporary pumping during shutdowns to ensure the south zone has water. He mentioned by using the treated water from the WTP it would improve the District's capacity. Mrs. Kirkpatrick pointed out that the scope in the Water Master Plan includes reviewing the District's system reliability, which was in line with the Feasibility Report. Discussion ensued.

Mr. Kennedy provided a cost analysis report he prepared to calculate an appropriate return on investment for constructing the facilities to provide lower cost water to the growers. He pointed out there were certain risks associated with a project this small that would not benefit all the ratepayers or lower the dependence on imported water. He mentioned although the project was feasible the question was how the District would recover the funds. Discussion ensued.

Action:

Moved by Member Lee after consideration by the Engineering Committee regarding this project the consensus was to only recommend to go forward when the growers return with a valid plan on how to fund the project. Seconded by Member Stitle.

AYES: Member Prince, Member Brazier, Member Taufer, Member Stitle, Member Murray, Member Ratican, Member Lee, Member Roberson, and Alternate Member Kirkpatrick.
NOES: None
ABSTAINED: None
ABSENT: None

7. REWATER

Mrs. Kirkpatrick said per Director Walker's recommendation the District invited Rewater Systems to provide a presentation. She introduced Mr. Bilson the owner of Rewater Systems who would be leading the presentation. He said there was a less than 50% chance there would be wet weather and regardless there would still be the need to import water. He said if the plumbing for apartments or houses was connected correctly to collect grey water it would provide a large amount of water. He explained grey water consisted of showers, tubs, bathrooms, sinks and laundry water, excluding kitchen and toilet water. He described how the system processed the grey water through a tank, controllers, pumps, filters and out to the irrigation lines. He stated the Rewater systems were for new construction. Discussion ensued.

Mr. Kennedy requested information regarding a public agency that received SRF loans to fund this type of program. Discussion ensued.

Discussion returned to Item #6.

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

The following items were suggestions for the next scheduled Engineering Committee meeting:

- Strategic Planning Mission Statement – Matrix
- Update on the San Luis Rey Ground Water

9. ADJOURNMENT

Action:

Moved by Member Brazier to adjourn. Seconded by Member Murray.

Timothy Prince, Committee Chairperson

Dawn M. Washburn, Board Secretary