

**MINUTES OF THE ENGINEERING COMMITTEE MEETING
OF THE RAINBOW MUNICIPAL WATER DISTRICT
JUNE 5, 2012**

1. CALL TO ORDER – The Engineering Committee Meeting of the Rainbow Municipal Water District on June 5, 2012 was called to order by Chairperson Saxon at 3:02 p.m. in the Board Room of the District, 3707 Old Highway 395, Fallbrook, CA 92028. Chairperson, Saxon presiding.

2. PLEDGE OF ALLEGIANCE

3. ROLL CALL:

Present: Member Brazier
Member Fekete
Member Taufer
Member Saxon
Member Strapac
Member Prince
Alternate Roth

Absent: Member Rhyne

Also Present: General Manager Seymour, Assistant General Manager / District Engineer Lee, Associate Engineer Plonka, Customer Service Manager Atilano and Assistant Rubio

There was one public member present Mr. Jeff Heden from J.C. Heden and Associates.

4. PUBLIC COMMENT RELATING TO ITEMS NOT ON THE AGENDA

Mr. Saxon said Mr. Strapac would be late to the meeting.

COMMITTEE ACTION ITEMS

***5. APPROVAL OF MINUTES**

A. May 1, 2012

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 Brazier, Member Fekete, Member Taufer, Member Saxon,
Member Prince and Alternate Roth.

NOES: None.

ABSTAINED: None.

ABSENT: Member Rhyne. Member Strapac

6. DISCUSSION AND POSSIBLE ACTION REGARDING ALTERNATIVE WATER SUPPLY STUDY (W/PRESENTATION BY JC HEDEN & ASSOCIATES)

Mr. Lee requested differing Agenda Item 6 until Mr. Strapac arrived.

Mr. Heden said he would provide a brief progress report regarding what has been done since he received the Notice to Proceed on April 19, 2012. He said his team was on schedule and have conducted a baseline analyzes of initial fact finding and literature review. He said subsequent tasks included water agency demands projected over the years. Mr. Strapac asked if these projections took into account the possible increases as a result of providing a water system with lower priced water which would encourage planting more groves. Mr. Heden said the projections were strictly based on the San Diego County General Plan. He said he used the historical construction data provided by the District, but could look into applying newer construction data. Mr. Lee pointed out modern construction would be more water efficient than historical construction and it would be best to apply this factor. Mr. Heden said he could add a second table to reflect this difference. Discussion ensued.

Mr. Taufer asked how the District boundaries would be broken up in terms of storage and distribution of current and future needs. Mr. Lee responded by looking at areas that had the potential to be served by alternate water supplies in proximity to the sources.

Mr. Strapac asked about the possibility of using Beck Reservoir to store raw water. Mr. Lee said in his position Beck Reservoir was too large to maintain as a potable water reservoir. He mentioned the possibility of the District converting Beck Reservoir into a raw water reservoir by treating it for domestic use in addition to providing raw water for irrigation would require a treatment plant. Mr. Heden said he was not aware the District was considering installing a raw water treatment plant. He said it was easier running a water treatment plant than a sewer plant. Discussion ensued.

Mr. Heden said he would provide a 30% Report by July 16, 2012. He said based on the water needs assessment the District has a demand of 18,461 acre feet for 2010 and a projected water demand of 24,000 acre feet for 2030. Mr. Lee mentioned the peak was near 30,000 acre feet.

Mr. Saxon asked if the possible consolidation with FPU D should be considered in the study in regards to sharing resources. Mr. Lee responded there was limited potential to share recycled water from the Morro Hills area as well as potable water in the Red Mountain zone. He mentioned Mr. Heden has communicated with FPU D in the process of conducting this study.

Mr. Heden said the Water Rights Attorney reviewed the San Luis Rey and other areas for water rights. He mentioned the attorney's overview of California water rights and potential opportunities would be included in the report. He said he would also be investigating raw

water alternatives, Ordnance 95-1 history, reclaimed water and other areas. Discussion ensued.

Mr. Saxon suggested notifying the customers of this study to obtain feedback. Mr. Lee recommended waiting until the 30% report was received.

7. DISCUSSION AND POSSIBLE ACTION REGARDING WATER POLICY UPDATE

Mr. Lee said due to other critical projects requiring his attention he was not able to perform any work on the Water Policy. He said in the near future he would return his focus on the Water Policy once the critical projects were completed.

8. DISCUSSION AND POSSIBLE ACTION REGARDING 2012/2013 CIP

Mr. Lee provided a handout with the proposed CIP Projects for 2012/2013. He provided the following project information:

- Morro Reservoir Rehabilitation Project should only have \$380K left on the project by the end of June 2012. The reservoir was currently being filled which was a 20 day process. This project should be completed and activated by early July 2012.
- Morro Reservoir Chloramine Injection System should begin in July 2012 and be completed by late September or early October 2012.
- Highway 76 Realignment Project will be transitioning from water to sewer at the Interstate 15 interchange. There was \$1M budgeted for FY12/13 and \$1.3M for FY13/14.
- Pala Mesa Reservoir Project should be completed by late October or early November 2012. There was \$1.5M budgeted for FY12/13.
- Tarek Terrace Water Line Replacement a small project which received high ratings from the CIP review committee last year. There was \$120K budgeted for FY12/13.
- Gird to Monserate Hill Water Line Project has been deferred for next year.
- Wrightwood to Cottontail Water Line Project has been deferred for next year.
- Beck Reservoir Rehabilitation has been deferred until the consolidation study with FPUD was completed. The potential of sharing resources through the Red Mountain reservoir could defer the rehabilitation of Beck Reservoir.
- Lift Station 2 Outfall Line currently preparing a Request for Proposal to hire a design team for this project.
- Lift Station1 Replacement Project planning to complete project within the year.

Action:

Moved by Member Brazier to take the Proposed 12/13 CIP Projects to the Budget and Finance Committee and then to the Board for approval. Seconded by Member Fekete.

After consideration, the motion CARRIED by the following vote:

AYES: Member Brazier, Member Fekete, Member Taufer, Member Saxon,
Member Prince and Alternate Roth.
NOES: None.
ABSTAINED: None.
ABSENT: Member Rhyne. Member Strapac

9. DISCUSSION AND POSSIBLE ACTION REGARDING ENGINEERING UPDATE

Mr. Lee provided the following Engineering Updates:

- Highway 76 widening in regards to District facilities they are wrapping up the effort Westside and focusing on the Eastside. The work consists of widening and relocating District pipelines.
- Morro Reservoir Chloramine Injection System Project was awarded to Falcon General Engineering. A preconstruction meeting will be scheduled within two weeks. The chloramination injection system mixes chlorine and ammonia together to make chloramine providing longer retention time, which provides cleaner and healthier water. Project completion scheduled for October 2012.
- Morro Reservoir Rehabilitation is currently being filled with hypo chlorinated water and will be tested for residuals.
- Pala Mesa Tank wrapping has been completed. Currently performing site facility work and due for completed in October 2012.

Mr. Strapac arrived at 3:28 p.m.

- Beck Reservoir will be fully permitted and operational according to the Division of Safety and Dams by the end of June 2012. The State Department of Health mandated the District to take Beck Reservoir out of service due to the fact it was an untreated reservoir. Once Pala Mesa Tank was completed Beck Reservoir will be taken out of service.
- LS#2 should be completed by the end of June 2012.

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

Mr. Lee suggested the following agenda item for the next Engineering Committee meeting:

- Consolidation Discussion

11. ADJOURNMENT

The meeting adjourned at 4:13 p.m.

Kurt Saxon, Committee Chairperson

Dawn M. Washburn, Board Secretary