

**MINUTES OF THE ENGINEERING COMMITTEE MEETING
OF THE RAINBOW MUNICIPAL WATER DISTRICT
January 5, 2010**

1. **CALL TO ORDER** – The Engineering Committee Meeting of the Rainbow Municipal Water District on January 5, 2010 was called to order by Chairperson Saxon at 2:03 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 Walson

Absent: Alternate Vornberger
Member Irvine
Member Strapac

Also Present: Dave Seymour, General Manager, Brian Lee, District Engineer, and Chuck Sneed, Operations Manager.

Public attendees were Maureen Rhyne, Rua Petty, and Jack Griffiths.

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

No public comments.

COMMITTEE ACTION ITEMS

*5. **APPROVAL OF MINUTES**

A. November 3, 2009

Action:

Moved by Member Brazier to approve the minutes. Seconded by Member Taufer.

After consideration, the motion CARRIED by the following vote:

AYES: Member Brazier, Member Fekete, Member Taufer and Member Saxon.

NOES: None.

ABSTAINED: None.

ABSENT: Alternate Vornberger, Member Irvine, Member Walson and Member Strapac.

6. DISCUSSION AND POSSIBLE ACTION REGARDING Q3 PIPELINE FAILURE AND ENGINEERING REPORT

Mr. Lee provided an outline and map of the San Luis Rey River crossings. He pointed out that of the five water lines four are not operable and there was only one line that provided water across the river not including East Vista Way, which was too small. He said the Moosa 14" line was the main operable line that served as a central feed for the south and Morro zones. He said the District focus was on lines NN and Q3.

Mr. Petty asked whether there was any research conducted on the causes for the failures on the other lines. He said it appeared that when Q-3 was repaired previously it was a low budgeted repair and he would like the quality of the new line replacing Q3 to last at least 30 years. Mr. Seymour said that two lines were washed out in a large storm back in 1991 and it was decided by the Board they were too costly to replace. Mr. Petty asked whether there were FEMA funds available to pay for the repairs at the time. Mr. Seymour said FEMA funds were used although the funds were not sufficient to replace the line with a higher quality one.

Mr. Griffiths asked what was the maximum rate of transfer and how long they lasted. Mr. Lee said an analysis could be taken from a model to obtain an estimate.

Mr. Lee would like to approve an inspection of Q-3 to determine the condition and the requirements to return the pipeline to service. He said once the results of the inspection are evaluated the District would know what options would be available for the pipeline as far as repairing or replacement. Mr. Saxon asked what lines are absolutely required and are not just backups. Mr. Lee responded that Line NN and Q3 are needed for system operation.

Mr. and Mrs. Walson arrived at 2:30 p.m.

Mr. Saxon asked if the initial low budget consisted of a repair or replacement of the pipeline. Mr. Seymour said the plans showed two options for replacement by boring and casing or directional drilling. He said that directional drilling was selected. Discussion ensued.

Action:

Moved by Member Fekete to recommend to the Board to inspect pipeline Q3. Seconded by Member Brazier.

After consideration, the motion CARRIED by the following vote:

AYES: Member Brazier, Member Fekete, Member Taufer, Member Walson and Member Saxon.
NOES: None.
ABSTAINED: None.
ABSENT: Alternate Vornberger, Member Irvine, and Member Strapac.

7. DISCUSSION AND POSSIBLE ACTION REGARDING MORRO RESERVOIR REHABILITATION

Mr. Lee provided a copy of draft Change Order No. 4 and explained how it would bring the project up to date. He said the additional professional services and associated fees required to accomplish the work effort was estimated to be \$159,000 for the design and bid period phases and \$223,000 for the construction phase, for an increase of \$382,000 to the existing professional services contract. Mr. Walson asked what was causing the increased costs. Mr. Lee replied Storm Water Pollution Prevention Plan requirements, increased labor rates and additional manhours have increased since it started initially 4 years ago.

Mr. Saxon was concerned with the construction management costs and he would like to see some competitive bids. Mr. Lee pointed out that this contract was made competitive in 2006. He said that he may receive other competitive bids although the cost to the District for time, effort, delays, and associated expenses would have to be taken into consideration. He mentioned the initial delay of the project was caused by the District and not the consultant. Mr. Seymour emphasized the District was increasing the amount of hours. Mr. Saxon requested a cost breakdown be provided by the consultant for committee review. Mr. Walson requested a week for the committee to review the cost breakdown and provide questions to Mr. Lee. Discussion ensued.

Action:

Moved by Member Walson for the Committee Members to review the material and forward questions to Mr. Lee by the end of the week. Mr. Lee would forward the answers with sufficient time prior to the next committee meeting. Seconded by Member Brazier.

After consideration, the motion CARRIED by the following vote:

AYES: Member Brazier, Member Fekete, Member Taufer, Member Saxon and Member Walson.
NOES: None.
ABSTAINED: None.
ABSENT: Alternate Vornberger, Member Irvine and Member Strapac.

8. DISCUSSION AND POSSIBLE ACTION REGARDING WATER INNOVATIONS POWER AND TECHNOLOGY MEMORANDUM OF UNDERSTANDING

Item deferred to next committee meeting.

9. DISCUSSION AND POSSIBLE ACTION REGARDING PUMP STATION SWITCH GEAR AWARD OF CONTRACT

Mr. Lee announced Falcon Construction had the apparent low bid in the amount of \$216,112. He said District staff performed the evaluation and they were found to be competent with no reason to reject the bid. He would like the committee's support to recommend to the Board the award to Falcon Construction. Discussion ensued.

Action:

Moved by Member Brazier to support recommendation to the Board to award the contract to Falcon. Seconded by Member Taufer.

After consideration, the motion CARRIED by the following vote:

AYES: Member Brazier, Member Fekete, Member Taufer, Member Saxon and member Walson.
NOES: None.
ABSTAINED: None.
ABSENT: Alternate Vornberger, Member Irvine and Member Strapac.

10. DISCUSSION AND POSSIBLE ACTION REGARDING 2010 ENGINEERING COMMITTEE GOALS

Mr. Lee would like to include an asset management program to assist in maintaining the CIP for short and long term budget plans. He summarized the definition of the program to be "planning for failure". He said next month he would bring in another consultant to provide a presentation on an asset management program. Discussion ensued.

Mr. Fekete suggested preparing a mission statement to make informed engineering decisions based on facts involving costs past and present, and recognition of capital improvement or scheduled maintenance funding.

Mr. Lee mentioned staff would be updating the Urban Water Management Plan, which was due by December 2010. Mr. Saxon suggested obtaining comments from the committee members. Discussion ensued.

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

Mrs. Walson would like to be added as an Alternate to the Engineering Committee. Mr. Lee would provide project updates, continuation to Item 7, and arrange an Asset Management presentation.

12. ADJOURNMENT

Action:

**Moved by Member Saxon to adjourn the Engineering Committee Meeting at 3:59 p.m.
Seconded by Member Walson.**

After consideration, the motion CARRIED by the following vote:

AYES: Member Brazier, Member Fekete, Member Taufer, Member Saxon and Member Walson.
NOES: None.
ABSTAINED: None.
ABSENT: Alternate Vornberger, Member Irvine and Member Strapac.

Kurt Saxon, Committee Chairperson

Dawn M. Washburn, Board Secretary