

**ENGINEERING/OPERATIONS COMMITTEE RECAP  
MARCH 13, 2012**

**COMMITTEE MEMBERS PRESENT**

Mike Safranski, Committee Chair  
Ed Mandich, Committee Member

**STAFF PRESENT**

Don Chadd, General Manager  
Michael Perea, Special Projects Manager  
Kris Hanberg, Wastewater Supervisor  
Neil McKenna, Water Supervisor  
Bob Beck, Maintenance Supervisor

**PUBLIC PRESENT**

No members of the public were present.

**CALL THE MEETING TO ORDER**

Committee Chair Safranski called the Engineering/Operational Committee Meeting to order at 7:00 a.m.

**VISITOR PARTICIPATION**

There was no visitor participation

**ORAL COMMUNICATION**

There were no comments

**COMMITTEE MEMBER COMMENTS**

Director Safranski commented about the newspaper article concerning copper pipes and the developer allegations to Santa Margarita Water District (SMWD) and Moulton Niguel Water District (MNWD).

**REPORT FROM THE GENERAL MANAGER**

Mr. Don Chadd, General Manager, noted that Mrs. Teichman was not at work and he would be taking the minutes.

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### PROJECT MANAGEMENT

#### **ITEM NO. 1A) STATUS UPDATE RELATING TO THE BAKER REGIONAL WATER TREATMENT FACILITY**

Mr. Hector Ruiz, District Engineer, advised the March 8, 2012 Baker Regional Water Treatment Facility Committee meeting was cancelled. Mr. Ruiz advised the engineering design is at 100% and that Irvine Ranch Water District (IRWD) is investigating a variance due to the solids handling; this cost will come to the Board. Mr. Ruiz advised the revised bid is pushed out perhaps 3 to 6 months. TCWD's "go/no go" would be in the 3<sup>rd</sup> or 4<sup>th</sup> quarter.

**The Engineering/Operational Committee received and filed the status update. No action required.**

#### **ITEM 1B) STATUS UPDATE RELATING TO THE ALTERNATE RAW WATER TRANSMISSION LINE (ARWTL) (16-inch Raw Water Transmission Line Serrano Creek Crossing Alternate Route – PW79)**

Mr. Ruiz advised the District has had formal discussions with FEMA. Mr. Chadd advised the alternate route along the service road is the route the District will pursue if project is delayed by FEMA.

**The Engineering/Operational Committee received information presented. No action required.**

#### **ITEM NO. 1C) STATUS REPORT AND POSSIBLE ACTION RELATING TO DOVE RESERVOIR/TRABUCO RESERVOIR INTER-TIE AND TRABUCO HIGHLANDS PRESSURE REDUCING STATIONS PROJECT**

Mr. Ruiz advised he held a community meeting at Brookseed to review the project. Mr. Ruiz advised Contractor submittals are being reviewed. Mr. Ruiz advised Pressure Reducing Valve (PRV) deliveries are pending. Mr. Ruiz stated Contractor is considering horizontal drilling at the Brookseed gate location. Contractor will "pot hole" within the next two weeks.

**The Engineering/Operational Committee received the information presented. No action required.**

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### ITEM NO. 1D) STATUS UPDATE AND POSSIBLE ACTION RELATING TO THE DRAFT SADDLE CREST SUB-AREA MASTER PLAN

Mr. Ruiz advised that Staff has completed their review and the draft is ready for Board review and approval. Mr. Ruiz recommended it go before the Board for approval. The Committee agreed.

**The Engineering/Operational Committee received the information presented. Forward to the Board. (Action Calendar).**

### ITEM NO. 1E) STATUS UPDATE AND POSSIBLE ACTION RELATING TO ON-GOING ENGINEERING PROJECTS

1. Golf Club Lift Station Upgrades/Rehabilitation

Mr. Ruiz stated there is no new information to report.

2. Shadow Rock Detention Basin Facility Project

Mr. Ruiz advised the funding agreement is pending.

3. Reservoir Analysis

Mr. Ruiz advised the analysis is continuing.

4. Other Projects

Mr. Ruiz advised there are no other projects to discuss at this time.

**The Engineering/Operational Committee received the information presented. No action Required.**

### ITEM NO. 1F) STATUS UPDATE AND POSSIBLE ACTION REGARDING ACTIVE DEVELOPMENTS

1. Skyridge Homes (85 DUs)

Mr. Ruiz advised the developer is currently in discussions with the Santa Margarita Water District (SMWD) for supply of potable water.

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2. Oaks at Trabuco

Mr. Ruiz advised the District has received odor complaints. Mr. Ruiz advised this is the Developers issue to resolve.

3. Fieldstone

Mr. Ruiz advised water and wastewater inspectors have noted good work by the Contractor.

4. Other Active Developments

There was no other active developments discussed

**The Engineering/Operational Committee received the Status update provided. No Action required.**

### ITEM NO. 1G) WATER SYSTEM STATUS UPDATE

Mr. Neil McKenna, Water Supervisor provided the February 2012 status update.

#### Source Water Production

1. The water treatment plant production totaled 138acre feet.
2. The Trabuco Creek Water Treatment Facility produced 13 acre feet.
3. The average daily demand was 4.9 acre feet, or 2.5 cfs.
4. The demand for the District was 153 acre feet.

#### Projects and Repairs

1. Water Department Personnel started the Groundwater Treatment Facility.
2. Water Department Personnel have been working with Maintenance Department Personnel on SCADA System upgrades.

**The Engineering/Operational Committee received the status updates. No action required.**

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### **ITEM NO. 1H) WASTEWATER SYSTEM STATUS UPDATE**

Mr. Kris Hanberg, Wastewater Supervisor, provided the February 2012 status update

#### **Robinson Ranch Wastewater Treatment Plant**

1. The reclaimed water production totaled 54 acre feet.
2. The recycled water demand was 32 acre feet.
3. Dove Lake had 9.9 feet of freeboard.
4. The reclaimed water reservoir had 2.0 feet of freeboard.
5. The District pumped a total of 0 acre feet from Dove Lake.
6. The Dry Season Water Recovery Project produced 6.0 acre feet.
7. There was 17.0 acre feet pumped to SMWD's Portola Basin.

#### **Projects**

1. Wastewater Department Personnel cleaned the Backwash and Processed Water Wet Wells.
2. Wastewater Department Personnel cleaned the chlorine contact chamber.
3. Wastewater Department Chief Plant Operator conducted a tour of the WWTP for local Daisy Troop 1701.

**The Engineering/Operational Committee received the status update. No action required.**

### **ITEM NO. 1I) FEBRUARY 2012 OPERATIONAL REPORT REVIEW**

Mr. Chadd advised the information is there for review and there are no anomalies to report.

### **ITEM NO. 1J) ENGINEERING/OPERATIONAL COMMITTEE MEETING RECAP**

No changes were made to the February 7, 2012 Engineering/Operational recap.

**The Engineering/Operational Committee recommended that the Board receive and file the February 7, 2012 Engineering/Operational Committee Meeting Recap. (Consent Calendar).**

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**ITEM NO. 1K) OTHER MATTERS/REPORTS**

There were no other matters or reports discussed at the Committee meeting.

**ADJOURNMENT**

Committee Chair Safranski adjourned the March 13, 2012 Engineering/Operational Committee Meeting at 7:35 a.m.