

**TRABUCO CANYON WATER DISTRICT  
ENGINEERING/OPERATIONAL COMMITTEE MEETING RECAP  
APRIL 1, 2015**

---

**DIRECTORS PRESENT**

Edward Mandich, Committee Chair  
Stephen Dopudja, Committee Member

**STAFF PRESENT**

Hector Ruiz, General Manager  
Lorrie Lausten, Engineer  
Kris Hanberg, Wastewater Department Superintendent  
Gary Kessler, Water Department Chief Plant Operator  
Bob Beck, Maintenance Department Superintendent  
Lisa Carmouche, Administrative Assistant

**PUBLIC PRESENT**

There were no members of the public present.

**CALL MEETING TO ORDER**

Mr. Mandich called the April 1, 2015, Engineering/Operational Committee Meeting to order at 7:00 AM.

**VISITOR PARTICIPATION**

No comments were received.

**ORAL COMMUNICATION**

No comments were received.

**COMMITTEE MEMBER COMMENTS**

Mr. Mandich had no comments.

Mr. Dopudja had no comments.

**REPORT FROM THE GENERAL MANAGER**

Mr. Ruiz reported the following matters:

- Mr. Ruiz mentioned that District staff is scheduled to participate in the AlertOC countywide system test on April 7, 2015 at 3:00 PM. District staff will be responding to calls from 3 to 6 pm.

## **ENGINEERING/OPERATIONAL COMMITTEE MEETING RECAP**

**APRIL 1, 2015**

- Mr. Ruiz mentioned that District staff is currently reviewing the newly updated labor compliance rules. Mr. Ruiz added that District staff has established a Risk Management Team, and reviewed this matter with District General Legal Counsel and its insurer ACWA/JPIA.

### **ITEM 1: ENGINEERING/OPERATIONAL COMMITTEE MEETING RECAP**

---

Mr. Ruiz presented the March 4, 2015, Engineering/Operational Committee Meeting Recap for Committee review. There were no comments received.

#### **RECOMMENDED ACTION**

The Committee recommended that the Board receive and file the March 4, 2015, Engineering/Operational Committee Meeting Recap (Consent Calendar).

### **ITEM 2: DIMENSION WATER TREATMENT PLANT – CLEARWELL TANK REPLACEMENT**

---

Mr. Ruiz provided a status update on this project, and commented that the project is on schedule. Ms. Lausten presented photos of the project for Committee review, and mentioned that the Metropolitan Water District of Southern California (MET) shutdown scheduled for next week has been cancelled. Discussion occurred concerning project timeline for completion and valve replacement.

#### **RECOMMENDED ACTION**

The Committee received the status update, no action taken.

### **ITEM 3: SHADOW ROCK DETENTION BASIN FACILITY PROJECT**

---

Mr. Ruiz provided a status update on this project, and presented project status photos for Committee review. Discussion occurred concerning facility design and project challenges. Mr. Ruiz mentioned that the Southern California Edison (SCE) power pole installation is scheduled for Friday, April 3<sup>rd</sup>, and that the facility discharge connection is scheduled for the week of April 20, 2015. Discussion occurred concerning coordination with Trabuco Highlands Community Association (THCA) and the City of Rancho Santa Margarita for the discharge pipeline connection, and the timeline for facility start up; Mr. Ruiz mentioned that District staff is planning for a start up date of April 20, 2015. Discussion occurred concerning hydroseeding the project site per agreement requirements and the possibility of a groundbreaking ceremony. Mr. Ruiz mentioned that District staff is planning to coordinate with a public relations firm to plan a groundbreaking ceremony in May or June, and that more information concerning this matter will be presented at the Board Meeting for review.

#### **RECOMMENDED ACTION**

The Committee received the status update, no action taken.

### **ITEM 4: ALTERNATE RAW WATER TRANSMISSION LINE - PW79**

---

Mr. Ruiz provided a status update on this project, and reviewed the project schedule with the Committee, and mentioned that District staff received the County of Orange Encroachment Permit. Mr. Ruiz added that Tetra Tech (Consultant) has mobilized for the onsite potholing and site survey. Mr. Ruiz mentioned that he has contacted SCE concerning the planned onsite potholing and site survey, but has not received a response concerning the matter. Mr. Ruiz added that the Notice to Proceed has

**ENGINEERING/OPERATIONAL COMMITTEE MEETING RECAP  
APRIL 1, 2015**

been submitted to Integra Realty Resources for appraisal services. Discussion occurred concerning the appraisal process and timeline for completion. Mr. Ruiz mentioned that the Federal Emergency Management Agency (FEMA) has formally approved the District's project timeline extension to March, 2016. Discussion occurred concerning the FEMA approval process and project timeline for completion.

**RECOMMENDED ACTION**

The Committee received the status update, no action taken.

**ITEM 5: BAKER WATER TREATMENT FACILITY**

---

Mr. Ruiz provided a status update on this project, and mentioned that the Project Committee for March 12, 2015 was cancelled, and is scheduled to meet on April 9, 2015. Mr. Ruiz mentioned that Irvine Ranch Water District has a planned tour of the facility for elected officials scheduled for June 23, 2015.

**RECOMMENDED ACTION**

The Committee received the status update, no action taken.

**ITEM 6: OTHER ENGINEERING AND OPERATIONS PROJECTS**

---

1. Aerobic Digester Sludge/Decant Pump Replacement

Mr. Ruiz provided a status update on this project, and mentioned that District staff is currently reviewing as-built information with wastewater operations and will begin preliminary design of the pump station. Mr. Ruiz added that more information will be presented at the next Committee Meeting.

2. Administrative Facility Parking Lot Resurfacing and Restriping

Mr. Ruiz provided a status update on this project, and mentioned that that the project is scheduled to be completed before the District's Water Awareness Event on May 30, 2015. Discussion occurred concerning Labor Compliance updated regulations and project impacts.

3. Trabuco Dam, V-Ditch Repairs

Mr. Ruiz presented this project for Committee review, and mentioned that the Capital Improvement Project was originally scheduled as a B project, but that District staff recommends prioritizing the project. Mr. Hanberg mentioned that the matter was discussed by the State Division of Dam Safety representative during the recent annual inspection, and that a recommendation for the repair was made at that time. Ms. Lausten mentioned that bids for the repair work have been obtained and reviewed. Mr. Ruiz added that additional information will be presented to the Committee the following month.

4. Other Projects

Mr. Ruiz commented there were no other engineering and operations projects.

**RECOMMENDED ACTION**

The Committee received the status update(s), no action taken.

**ENGINEERING/OPERATIONAL COMMITTEE MEETING RECAP  
APRIL 1, 2015**

**ITEM 7: SKYRIDGE DEVELOPMENT (84 DUs)**

---

Mr. Ruiz provided a status update on this development, and mentioned that District staff has submitted the Conditional Will Serve Letter to the Developer, but the District has not received the Developer deposit and required fees. Mr. Ruiz added that District staff is currently coordinating with Santa Margarita Water District (SMWD) on the development of a Memorandum of Understanding or a letter of commitment and DRAFT Developer Agreement. Discussion occurred concerning the current status of the development.

**RECOMMENDED ACTION**

The Committee received the status update, no action taken.

**ITEM 8: ACTIVE DEVELOPMENTS**

---

1. Summerfield Homes, County of Orange – Tract 15800 (5 DUs | WSL)

Mr. Ruiz commented that there was no update on this development.

2. Plano Trabuco Development, William Lyon Homes, Inc., City of Rancho Santa Margarita (36 unit triplex building design)

Mr. Ruiz commented that there was no update on this development.

3. Oaks at Trabuco, County of Orange (9 DUs | WSL)

Mr. Ruiz commented that there was no update on this development.

4. Other Active Developments

Mr. Ruiz commented there were no other developments for discussion.

**RECOMMENDED ACTION**

The Committee received the status update, no action taken.

**ITEM 9: WATER SYSTEM STATUS**

---

Mr. Kessler presented the Water System Status Update through March, 2015, and reported on the following matters:

- Water Department staff converted three older style dry barrel fire hydrants to wet barrel fire hydrants; one on Lambrose Canyon Road and two on Hunky Dory Drive.
- Water Department staff repaired an emergency 8” pipeline break at St. Michaels Abbey.
- Water Department staff repaired a 1” service line leak on Sycamore Canyon Drive.

Mr. Kessler provided an updated Monthly Water System Operations Summary report for March, 2015, for Committee review. Discussion occurred concerning the District’s total potable water demand and the development of the Consumer Confidence Report.

**ENGINEERING/OPERATIONAL COMMITTEE MEETING RECAP  
APRIL 1, 2015**

**RECOMMENDED ACTION**

The Committee received the status update, no action taken.

**ITEM 10: WASTEWATER SYSTEM STATUS**

---

Mr. Hanberg presented the Wastewater System Status Update through March, 2015, and reported on the following matters:

- Wastewater Department staff re-painted the purple recycled water lines at the Robinson Ranch WWTP and on the access road.
- Wastewater Department staff completed weed abatement at the Dove Creek Pump Station and Shadow Rock Detention Basin Facility.
- Wastewater Department staff assisted the Administration Department in collecting files from the Dimension Water Treatment Plant file storage container.
- Mr. Hanberg reported Wastewater Operations staff coordinated with SMWD and Irvine Ranch Water District on the emergency repair of a sewer spill on El Toro Road. Mr. Hanberg added that approximately 1,200 gallons of sewage was spilled due to a failed pipeline saddle.

Mr. Hanberg provided an updated Monthly Recycled Water System Operations Summary for March, 2015, for Committee review. Discussion occurred concerning the District's Sewer System Management Plan reporting process.

**RECOMMENDED ACTION**

The Committee received the status update, no action taken.

**ITEM 11: OTHER MATTERS/REPORTS**

---

Mr. Ruiz commented on the following matters:

- Mr. Ruiz mentioned that District staff is scheduled to discuss the State Water Board emergency regulations and the District's Conservation Ordinance at the Communities of Rancho (CAR) Meeting on April 7, 2015. Discussion occurred concerning planned reductions in potable water irrigation from the State Water Board and irrigation water management.
- Mr. Ruiz mentioned that District staff is scheduled to meet with Dove Canyon Golf Course management to discuss reductions to potable water irrigation.
- Discussion occurred concerning drought communication efforts; Mr. Ruiz highlighted the scheduled AlertOC exercise, the possibility of a special mailer reviewing conservation measures, and planned Homeowner Association turf removal projects in the District's service area.

**ADJOURNMENT**

Mr. Mandich adjourned the April 1, 2015, Engineering/Operational Committee Meeting at 7:52 AM.