



**ENGINEERING/OPERATIONAL COMMITTEE MEETING AGENDA  
TRABUCO CANYON WATER DISTRICT  
ADMINISTRATION FACILITY  
32003 DOVE CANYON DRIVE, TRABUCO CANYON, CA  
MAY 3, 2023 AT 7:00 AM**

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**COMMITTEE MEMBERS**

Michael Safranski, Committee Chair  
Stephen Dopudja, Committee Member  
Don Chadd, Committee Member Alternate

**DISTRICT STAFF**

Fernando Paludi, General Manager  
Michael Perea, District Secretary  
Lorrie Lausten, District Engineer  
Gary Kessler, Water System Superintendent  
Oscar Ulloa, Wastewater Superintendent  
Jason Stroud, Maintenance Superintendent

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**AGENDA NOTE:**

*Trabuco Canyon Water District (District) will make this Engineering/Operational Committee Meeting available by telephone audio as follows:*

**Telephone Audio:** 1 (669) 900-6833

**Access Code:** 973-7562-7682

*Persons desiring to monitor the Committee meeting agenda items may download the agenda and documents on the internet at [www.tcwd.ca.gov](http://www.tcwd.ca.gov). You may submit public comments by email to the Committee at [mperea@tcwd.ca.gov](mailto:mperea@tcwd.ca.gov). In order to be part of the record, emailed comments on meeting agenda items must be received by the District at the referenced e-mail address not later than 7:00 a.m. (PDT) on the day of the meeting.*

**CALL MEETING TO ORDER**

**VISITOR PARTICIPATION**

*Members of the public wishing to address the Committee regarding a particular item on the agenda are requested to submit public comments by email to the Committee at [mperea@tcwd.ca.gov](mailto:mperea@tcwd.ca.gov). The Committee Chair will call on the visitor following the Committee's discussion about the matter. Committees do not constitute a quorum of the Board of Directors and Committee Members cannot make decisions on matters. The Committee makes recommendations only to the Board of Directors. Members of the public will be given the opportunity to speak to the Committee prior to making a recommendation on the matter. For persons desiring to make verbal comments and utilizing a translator to present their comments into English reasonable time accommodations, consistent with State law, shall be provided. Please limit comments to three minutes.*

**ORAL COMMUNICATION**

*Members of the public who wish to make comment on matters not appearing on the agenda are requested to submit oral communication by email to the Committee at [mperea@tcwd.ca.gov](mailto:mperea@tcwd.ca.gov). Under the requirements of State Law, Directors cannot take action on items not identified on the agenda and will not make decisions on such matters. The Board President may direct District Staff to follow up on issues as may be deemed appropriate. For persons desiring to make verbal comments and utilizing a translator to present their comments into English reasonable time accommodations, consistent with State law, shall be provided. Please limit comments to three minutes.*

**COMMITTEE MEMBER COMMENTS**

**REPORT FROM THE GENERAL MANAGER**

TRABUCO CANYON WATER DISTRICT  
ENGINEERING/OPERATIONAL COMMITTEE MEETING AGENDA | MAY 3, 2023

**ENGINEERING MATTERS**

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**PRESENTER(S): FERNANDO PALUDI, GENERAL MANAGER  
MICHAEL PEREA, ASSISTANT GENERAL MANAGER  
LORRIE LAUSTEN, DISTRICT ENGINEER**

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

**RECOMMENDED ACTION:**

*Approve the following Engineering/Operational Committee Meeting Recap(s) and recommend that the Board receive and file same (Consent Calendar).*

1. April 5, 2023

**ITEM 2: TRABUCO CANYON WATER DISTRICT FISCAL YEAR 2023-24 CAPITAL IMPROVEMENT PROGRAM BUDGET**

**RECOMMENDED ACTION:**

*Committee to receive additional information at the time of the meeting.*

**ITEM 3: DEPARTMENT OF WATER RESOURCES EMERGENCY ACTION PLAN AND INUNDATION MAP DEVELOPMENT – DOVE AND TRABUCO DAMS**

**RECOMMENDED ACTION:**

*Committee to receive additional information at the time of the meeting.*

**ITEM 4: OTHER ENGINEERING AND OPERATIONS PROJECT UPDATES**

1. Golf Club Sewer Lift Station Improvements
2. Oaks at Trabuco Development
3. Dove Center Update
4. Rose and Lang Wells Groundwater Treatment Facility Fence Project
5. Other Projects

**RECOMMENDED ACTION:**

*Committee to receive project status updates at the time of the Committee Meeting.*

**OPERATIONAL MATTERS**

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**PRESENTER(S): GARY KESSLER, WATER SYSTEM SUPERINTENDENT  
OSCAR ULLOA, WASTEWATER OPERATIONS SUPERINTENDENT  
JASON STROUD, MAINTENANCE DEPARTMENT SUPERINTENDENT**

**ITEM 5: WATER SYSTEM UPDATES**

**RECOMMENDED ACTION:**

*Committee to receive system status updates. No action required.*



**TRABUCO CANYON WATER DISTRICT  
ENGINEERING/OPERATIONAL COMMITTEE MEETING AGENDA | MAY 3, 2023**

**ITEM 6: WASTEWATER SYSTEM UPDATES**

**RECOMMENDED ACTION:**

*Committee to receive system status updates. No action required.*

**ITEM 7: MAINTENANCE DEPARTMENT UPDATES**

**RECOMMENDED ACTION:**

*Committee to receive system status updates. No action required.*

**REGULATORY AND OTHER MATTERS**

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**ITEM 8: OTHER MATTERS/REPORTS**

**RECOMMENDED ACTION:**

*Hear Other Matters/Reports that may have arisen after the posting of the agenda.*

**ADJOURNMENT**

**AVAILABILITY OF AGENDA MATERIALS**

*Agenda exhibits and other writings that are disclosable public records distributed to all or a majority of the members of the Trabuco Canyon Water District Board of Directors in connection with a matter subject to discussion or consideration at an open meeting of the Board of Directors are available for public inspection at the Trabuco Canyon Water District Administrative Facility, 32003 Dove Canyon Drive, Trabuco Canyon, California (District Administrative Facility) or will be posted online on the District's website located at [www.tcwd.ca.gov](http://www.tcwd.ca.gov). If such writings are distributed to members of the Board less than 72 hours prior to the meeting, they will be available online at [www.tcwd.ca.gov](http://www.tcwd.ca.gov) at the same time as they are distributed to the Board Members, except that, if such writings are distributed immediately prior to or during the meeting, they will be posted online on the District's website located at [www.tcwd.ca.gov](http://www.tcwd.ca.gov).*

**COMPLIANCE WITH THE REQUIREMENTS OF CALIFORNIA GOVERNMENT CODE SECTION 54954.2**

*In compliance with California law and the Americans with Disabilities Act, if you need special disability-related modifications or accommodations, including auxiliary aids or services in order to participate in the meeting, or if you need the agenda provided in an alternative format, please contact the District Secretary at (949) 858-0277, at least 48 hours in advance of the scheduled Board meeting. Notification at least 48 hours prior to the meeting will assist the District in making reasonable arrangements to accommodate your request. The Board Meeting Room is wheelchair accessible.*



**TRABUCO CANYON WATER DISTRICT  
ENGINEERING/OPERATIONAL COMMITTEE MEETING | MAY 3, 2023**

**ADMINISTRATIVE MATTERS**

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

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**RECOMMENDED ACTION:**

*Approve the following Engineering/Operational Committee Meeting Recap(s) and recommend that the Board receive and file same (Consent Calendar):*

1. *April 5, 2023 Committee Meeting*

**CONTACTS (staff responsible): PALUDI/PEREA/SANGI**



## TRABUCO CANYON WATER DISTRICT ENGINEERING/OPERATIONAL COMMITTEE MEETING RECAP | APRIL 5, 2023

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### **DIRECTORS PRESENT**

Mike Safranski, Committee Chair  
Stephen Dopudja, Committee Member

### **STAFF PRESENT**

Fernando Paludi, General Manager  
Michael Perea, Assistant General Manager  
Lorrie Lausten, District Engineer  
Karen Warner, Principal Accountant  
Gary Kessler, Water Superintendent  
Oscar Ulloa, Wastewater Superintendent  
Phil Serpas, CMMS Administrator  
Lisa Sangi, Executive Assistant

### **PUBLIC PRESENT**

Tori Yokoyama, Hazen and Sawyer

### **CONSULTANT VIA CONFERENCE CALL**

Scott Arends, Hazen and Sawyer

### **CALL MEETING TO ORDER**

Director Safranski called the April 5, 2023 Engineering/Operational Committee Meeting to order at 7:00 a.m.

### **VISITOR PARTICIPATION**

No comments were received.

### **ORAL COMMUNICATION**

No comments were received.

### **COMMITTEE MEMBER COMMENTS**

No comments were received.

### **REPORT FROM THE GENERAL MANAGER**

Mr. Paludi reported the District's Trabuco Creek Groundwater Treatment Facility is currently providing treated groundwater at approximately 600 gpm.

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

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Mr. Paludi presented the Engineering/Operational Committee Meeting Recap for Committee review in accordance with the agenda.

**MOTION:** Approve the Engineering/Operational Committee Meeting Recap and recommended that the Board receive and file the same (Consent Calendar) – Director Dopudja

**SECOND:** Director Safranski

**TRABUCO CANYON WATER DISTRICT  
ENGINEERING/OPERATIONAL COMMITTEE MEETING RECAP | APRIL 5, 2023**

**AYES:** Directors Dopudja & Safranski  
**NOES:** None  
**ABSTAIN:** None  
**MOTION PASSED/FAILED:** Passed 2 – 0

**ITEM 2: DOVE DAM OUTLET REPAIR ALTERNATIVES EVALUATION**

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Mr. Paludi presented this matter for Committee review, and he provided a brief review of the previous repairs to the Dove Dam Outlet Structure (facility). Mr. Paludi reported that District staff contracted with Hazen to perform an evaluation of proposed alternative solutions to the facility. Mr. Arends delivered a PowerPoint presentation to the Committee which provided an overview of the evaluation of alternative repair scenarios. Discussion occurred concerning certain proposed repair options and related costs. Director Dopudja suggested District staff consider a design-build solution for this project. Discussion occurred concerning certain proposed solutions for displacement of captured water to perform the repairs and the preferred recommended repair alternative. Mr. Paludi commented that this capital improvement project is included in the proposed rate model, and that District staff will evaluate any potential grant funding opportunities to assist with this project.

**MOTION:** The Committee recommended forwarding this matter to the Board for informational purposes.

**ITEM 3: DIMENSION WATER TREATMENT PLANT OFFICE IMPROVEMENTS**

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Ms. Lausten provided an update on this project, and she mentioned that the District received two proposals that were both close in price. Mr. Paludi commented on the separate site work would be done by District staff. Ms. Lausten highlighted the proposed construction plans, and she indicated the value engineered changes to the original project. Discussion occurred concerning forwarding this matter to the Board of Directors for discussion without a recommendation from the Committee.

**MOTION:** The Committee recommended forwarding this matter for Board discussion only (Action Calendar).  
**SECOND:** Director Dopudja  
**AYES:** Directors Dopudja & Safranski  
**NOES:** None  
**ABSTAIN:** None  
**MOTION PASSED/FAILED:** Passed 2 - 0

**ITEM 4: GOLF CLUB SEWER LIFT STATION PROPOSED PROJECT BYPASS SOLUTION**

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Mr. Paludi presented this matter for Committee review, and he reported that the District previously withdrew the initial bid plans for this project to evaluate the proposed bypass solution. Ms. Lausten reported that District staff has worked with JIG Engineering to prepare the proposed project bypass solution during the entire project period to allow for wet well and other planned improvements. Ms. Lausten indicated that the updated bypass solution would include a secondary wet well option to avoid a sanitary sewer overflow which would increase the project by approximately \$400K with total project engineer’s estimate of \$1.5M.

**MOTION:** None – Informational item only.

**ITEM 5: OTHER ENGINEERING AND OPERATIONS PROJECT UPDATES**

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1. **Orange County Public Works (OCPW) Proposed Trabuco Creek Road Drainage Improvements Project –**  
Mr. Perea presented this matter for Committee consideration, and he reported this matter was previously discussed with the Committee more than three years ago. Mr. Perea provided an update on the OCPW project which impacts the District’s lower Porter Property, and he reviewed the options with the Committee and

**TRABUCO CANYON WATER DISTRICT  
ENGINEERING/OPERATIONAL COMMITTEE MEETING RECAP | APRIL 5, 2023**

OCPW's timeline. Mr. Perea reported that OCPW is requesting an encroachment easement from the District as opposed to an easement for this project, and that OCPW plans to turn over any portion of the structure that crossed over/into District property back to the District upon completion. The Committee did not agree with OCPW's proposal and directed District staff to work with general counsel to respond to OCPW.

**2. Trabuco Creek Groundwater Treatment Plant Fencing Improvements Update –**

Ms. Lausten provided an update on this project, and she presented a handout which presented an alternative location image which included the split-rail vinyl fence that extend across District property. Discussion occurred concerning facility access challenges and maintenance responsibilities.

**3. Other Projects –**

Mr. Paludi provided a brief update on the damaged v-ditch owned and operated by Dove Canyon Master Association (DCMA), and he reported that District staff has prepared a written response concerning the District's position on the V-ditch failure.

Mr. Paludi provided a brief update on the Saddleback Meadows development, and he reported that District met with the Developer to discuss the development system requirements, including the onsite potable water reservoir. Mr. Paludi added that District staff will present a draft Conditional Will Serve letter to the Board for review.

**MOTION:** None – Informational item only.

**ITEM 6: WATER SYSTEM UPDATES**

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Mr. Kessler reviewed the projects and repairs for the prior month, and he reported that Water Operations staff has completed the following tasks:

1. Successfully started the Trabuco Creek Groundwater Treatment Facility (GWTF) on March 24, 2023 and is currently supplementing demand at 450 gpm (approximately 1 CFS).
2. Worked with Ferreira Construction to repair an 8" water main on Inverary in the Dove Canyon community.
3. Worked with the Maintenance Department to repair a broken air vacuum breaker behind CVS in the Trabuco Marketplace.
4. Completed the Unregulated Contaminant Monitoring Requirement 5 (UCMR5) [*EPA requirement*] and Annual Vulnerability Assessment [*State requirement*] sampling at both the treatment facilities.
5. Prepared Customer Confidence Report (CCR) data for annual customer notification [*State requirement*].

Mr. Kessler presented the Water System Summary for Committee review, and he provided updates on the GWTF production and certain facility equipment upgrades.

**MOTION:** None – Informational item only.

**ITEM 7: WASTEWATER SYSTEM UPDATES**

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Mr. Ulloa reviewed the projects and repairs for the prior month, and he reported that Wastewater Operations staff had completed the following tasks:

1. Quarterly cleaning of wet wells at lift stations.
2. Quarterly inspections of commercial grease interceptors.
3. Completed quarterly sampling for Robinson Ranch Wastewater Treatment Plant (WWTP).

**TRABUCO CANYON WATER DISTRICT  
ENGINEERING/OPERATIONAL COMMITTEE MEETING RECAP | APRIL 5, 2023**

4. Removed 15HP submersible pump from wet well at WWTP for tank cleaning.
5. Installed all new building signage to comply with fire department inspections.
6. Replaced a section of the influent 12” pipe to the SBR tanks at the WWTP.

Mr. Ulloa presented the Recycled Water System Summary for Committee review. Discussion occurred concerning the Shadow Rock Detention Basin Pump Station and system operation.

**MOTION:** None – Informational item only.

**ITEM 8: MAINTENANCE DEPARTMENT UPDATES**

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Mr. Perea reviewed the projects and repairs for the prior month, and he reported that Maintenance staff completed the following tasks:

**Water Operations**

1. Worked with Mr. Crane (service provider) to install well pumps/motors at the Trabuco Creek GWTF.
2. Worked with Flo-Services (service provider) to perform vibration testing on the backwash pump at the Dimension Water Treatment Plant.
3. Completed oil changes on the four electrical motors at Ridgeline Booster Pump Station.

**Wastewater Operations**

1. Replaced solenoids on the waste line valves in the SBR dry pit at the WWTP.
2. Worked with Duthie Power (service provider) to perform preventative maintenance on emergency backup power generators.
3. Cleaned out and re-organized the storage sheds at WWTP for parts storage.

**District Fleet Upgrades**

1. Vehicle oil changes on #18 F150, #23 Toyota Tacoma, #19 Ford Escape (#19 sent to Ford dealer for recall repairs).
2. Installed new toolboxes on two vehicles (#1 Toyota Tundra and #25 Toyota Tundra).
3. Windshield replacement and MAF sensor on vehicle #14 F250.
4. Completed the regulatory BIT program.
5. Replaced the tires on vehicle #8 F250 and #14 F250.
6. Installed a new emergency light bar on vehicle #15 Toyota Tacoma.

**MOTION:** None – Informational item only.

**ITEM 9: OTHER MATTERS/REPORTS**

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Mr. Perea introduced the District’s new SCADA/CMMS Administrator Mr. Phil Serpas to the Committee, and he reported that Mr. Serpas transitioned from the Water Operations department. Mr. Perea added that the District will backfill the vacant water operator position in the near future.

**MOTION:** None – Informational item only.

**ADJOURNMENT**

Director Safranski adjourned the April 5, 2023 Engineering/Operational Committee Meeting at 8:56 a.m.



**TRABUCO CANYON WATER DISTRICT  
ENGINEERING/OPERATIONAL COMMITTEE MEETING | MAY 3, 2023**

**ENGINEERING MATTERS**

**ITEM 2: TRABUCO CANYON WATER DISTRICT FISCAL YEAR 2023-24 CAPITAL IMPROVEMENT PROGRAM BUDGET**

District staff prepares a list of proposed projects for the upcoming fiscal year to recommend a Capital Improvement Program (CIP) budget to the Board of Directors. For the past year, Staff has worked with their consultant, Hazen Sawyer (Hazen) to prepare a Condition Assessment and Master Plan (Plan) which will provide a roadmap for the District’s infrastructure needs. The result of this Plan is a robust list of CIP recommendations. Staff has analyzed Hazen’s report and worked to provide a CIP budget for FY 23/24 for committee consideration, as follows:

| <b>Item</b>             | <b>Name</b>                                      | <b>Project Basis</b>            | <b>Amount</b>      |
|-------------------------|--|---------------------------------|--------------------|
| <b><u>PROJECT</u></b>   |  |                                 |                    |
| 1                       | Golf Club SLS Improvement                        | End of Service Life             | \$1,800,000        |
| 2                       | DWTP Office & Storage                            | Safety/End of Service Life      | \$350,000          |
| 3                       | SCADA System Upgrades FY 2223                    | Reliability/End of Service Life | \$400,000          |
| 4                       | WWTP Hoffman Blower Building Rehab               | Reliability                     | \$400,000          |
| 5                       | 10" Pipeline Replacement - Cooks to Harris Grade | Reliability                     | \$250,000          |
| 6                       | Chiquita FY23/24                                 | Contract Agreement              | \$178,000          |
| 7                       | Dove/Robinson Ranch Recycled BPS                 | End of Service Life             | \$100,000          |
| 8                       | Heritage SLS Rehab                               | End of Service Life             | \$100,000          |
| 9                       | PSPS Transfer Switch Upgrade-Water               | Reliability                     | \$60,000           |
| 10                      | PSPS Transfer Switch Upgrade-Sewer               | Reliability                     | \$60,000           |
| 11                      | WWTP SCADA/Fiber Optic Upgrade                   | End of Service Life             | \$130,000          |
| 12                      | El Toro Force Main Discharge Valve Replacements  | Reliability/End of Service Life | \$79,000           |
| 13                      | DWTP Vault Improvement                           | Safety                          | \$75,000           |
| 14                      | Recycled PRV Vault Improvements - Dove Canyon    | End of Service Life             | \$200,000          |
| <b>Sub-Total</b>        |  |                                 | <b>\$4,182,000</b> |
| <b><u>EQUIPMENT</u></b> |  |                                 |                    |
| 15                      | Fleet  | General Maintenance             | \$130,000          |
| 16                      | Pump Replacements - Sewer                        | End of Service Life             | \$50,000           |
| 17                      | Pump Replacements - Water                        | End of Service Life             | \$50,000           |
| <b>Sub-Total</b>        |  |                                 | <b>\$230,000</b>   |
| <b><u>PROGRAM</u></b>   |  |                                 |                    |
| 18                      | PRV - Water                                      | General Maintenance             | \$20,000           |
| 19                      | Valve Replacements - Water                       | General Maintenance             | \$30,000           |
| 20                      | Wet Well Recoating                               | General Maintenance             | \$30,000           |
| 21                      | Manhole Recoating                                | General Maintenance             | \$20,000           |
| <b>Sub-Total</b>        |  |                                 | <b>\$100,000</b>   |
| <b>Total FY 23/24</b>   |  |                                 | <b>\$4,512,000</b> |

**FUNDING SOURCE:**

General Fund

**FISCAL IMPACT**

\$4,512,000

**TRABUCO CANYON WATER DISTRICT  
ENGINEERING/OPERATIONAL COMMITTEE MEETING | MAY 3, 2023**

**RECOMMENDED ACTION(S):**

*Committee to receive project status updates at time of the Committee Meeting*

**EXHIBIT(S):**

None

**CONTACTS (staff responsible): PALUDI/LAUSTEN**

**TRABUCO CANYON WATER DISTRICT  
ENGINEERING/OPERATIONAL COMMITTEE MEETING | MAY 3, 2023**

**ENGINEERING MATTERS**

**ITEM 3: DEPARTMENT OF WATER RESOURCES EMERGENCY ACTION PLAN AND INUNDATION MAP DEVELOPMENT – DOVE AND TRABUCO DAMS**

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The Oroville spillway incident, which began February 7, 2017, called attention to the need for inundation maps and emergency action plans (EAPs) for dams and critical appurtenant structure. Before the incident, an inundation map and associated EAP existed for the potential failure of the Oroville Dam; however, an inundation map and EAP did not exist for the potential failure of the emergency spillway, which is considered a critical appurtenant structure. This prompted the passing of SB92, effective July 1, 2017, requiring dam owners to prepare and submit inundation maps for the dam, as well as any critical appurtenant structures to the California Department of Water Resources (DWR) Department of Safety of Dams (DSOD), except for low-hazard class dams. After approval of the inundation maps, EAPs are completed and submitted to the Governor’s Office of Emergency Services (CalOES) for approval.

The District is responsible for two dams, Trabuco and Dove Canyon, both of which have been classified as “High Hazard” based on the dam’s downstream hazard classification. In October 2017, the District contracted with Dudek to prepare the inundation maps and EAP’s. This process required multi-agency coordination, to include DWR, DSOD, CalOES, Orange County Fire Authority, Orange County Sheriff, MWDOC-WEROC, Orange County Parks, Orange County Public Works, and the City of Rancho Santa Margarita. The approved inundation maps can be found on DWR’s website and are included as Exhibit 2. The maps were approved by DWR in March 2019 and the EAP’s were approved by CalOES in April 2023.

EAPs are to be reviewed and updated annually. Inundation maps must update every 10 years, or sooner if there is (1) a significant modification to the dam or a critical appurtenant structure as determined by the Department of Water Resources, Division of Safety of Dams, or (2) a significant change to downstream development that involves people or property.

**FUNDING SOURCE:**

General Fund

**FISCAL IMPACT**

\$80,372

**ENVIRONMENTAL COMPLIANCE:**

Not Applicable

**RECOMMENDED ACTION(S):**

*Committee to receive project status updates at time of the Committee Meeting*

**EXHIBIT(S):**

1. Inundation Maps and Emergency Action Plans Fact Sheet.
2. TCWD’s Inundation Maps.

**CONTACTS (staff responsible): PALUDI/LAUSTEN**



## Dam Owner Inundation Maps and Emergency Action Plans

### About Inundation Maps

An inundation map shows flooding that could result from a sudden hypothetical failure of a dam or its related structure(s). Inundation maps, when paired with dam owners' Emergency Action Plans, inform emergency planning and response by helping to estimate the extent and depth of potential flooding, and by identifying at-risk areas and resources in advance of the floodwaters arriving.

California Water Code requires owners of all dams in DSOD's jurisdiction (except for dams classified with a "Low" downstream hazard potential) to prepare inundation maps for their dam and related structures. This includes dams owned by public agencies, private organizations, and individual landowners. Inundation maps must be updated a minimum of every 10 years from the map preparation date; anytime there are significant modifications to the dam or its related structures; and when there are changes to downstream development or terrain.

Dam owners are required to submit inundation maps to DSOD for review and approval. After DSOD approves an inundation map(s), the dam owner must submit their approved map(s) with their Emergency Action Plan to the Governor's Office of Emergency Services (Cal OES) for review and approval. The review of inundation maps by DSOD and the review Emergency Action Plans by Cal OES are entirely separate processes.

A link to approved inundation maps is posted on DSOD's webpage: <https://fmds.water.ca.gov/maps/damim/>

### Public Safety is the Foundation of DSOD's Independent Dam Oversight

The California Water Code entrusts dam safety regulatory authority to the California Department of Water Resources' Division of Safety of Dams (DSOD). DSOD provides oversight of the design, construction, and maintenance of approximately 1,250 non-federally owned dams within its jurisdiction. DSOD inspects jurisdictional dams to assess if the dams and their related structures (e.g. gated spillways, saddle dams, etc.) are safe for continued use and performing as intended. After inspection and review, DSOD may direct dam owners to make necessary repairs.

DSOD conducts independent engineering analyses to validate proposed designs of dam repairs, alterations, enlargements, new dam construction, and removals that are submitted by dam owners or their consultants. DSOD reevaluates existing dams as changes in the state-of-practice occur that could impact dam safety. When necessary, DSOD may immediately direct a dam owner to implement remedial means necessary to protect life and property; or DSOD may impose a reservoir restriction that limits the reservoir's water surface level until repairs or remediation work is completed.

## About Emergency Action Plans

State law requires dam owners to develop an Emergency Action Plan for each of their dams based on DSOD-approved inundation maps.

The California Water Code and Government Code entrusts the Governor's Office of Emergency Services (Cal OES) to review and approve dam owner Emergency Action Plans. Dam owners must submit their Emergency Action Plans to Cal OES for approval by deadlines that are based on the dam's downstream hazard classification. In the absence of an approved map by the deadline, dam owners are encouraged to develop and submit a draft Emergency Action Plan to Cal OES. Emergency Action Plans must be updated a minimum of every 10 years; when there are significant modifications to the dam or its related structures; and when there are significant changes to downstream development that involves people and property.

An Emergency Action Plan is a dam owner's formal plan that identifies potential emergency conditions at a dam and specifies actions to be followed to minimize loss of life and property damage. It includes information that dam owners use to notify local emergency management officials and state and federal dam safety regulators.

The dam owners' Emergency Action Plan must be developed in consultation with the local public safety agencies that may be affected by a dam incident. The resulting plan and the dam owner's approved inundation map informs local jurisdictions as they plan for all types of dam incidents, including failure of a dam; and helps local, state, and federal agencies ensure effective dam incident emergency response.

Real-life dam incidents do not necessarily imitate the assumptions in the hypothetical failure scenario that are used to develop inundation map(s). When an incident occurs, emergency management agencies conduct local emergency operations based on the scenario at hand.

Dam owners' Emergency Action Plans are not publicly posted because they contain critical infrastructure information and other sensitive information.

***Emergency action plans that are produced by dam owners do not direct local emergency response. Only local emergency management agencies have the authority to plan and execute local emergency operations.***

For more information please visit:

<https://water.ca.gov/Programs/All-Programs/Division-of-Safety-of-Dams>

<https://www.caloes.ca.gov/cal-oes-divisions/hazard-mitigation/dam-safety-planning-division>

Castaic Dam





**LEGEND**

--- 1 --- POINT OF REFERENCE

TRABUCO RESERVOIR DAM FAILURE INUNDATION BOUNDARY

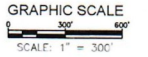
- NOTES:**
- FLOOD WAVE ARRIVAL TIME - TIME FROM INITIATION OF DAM FAILURE UNTIL THE WATER SURFACE ELEVATION INCREASES BY 1 FT.
  - ELEVATIONS IN HYDRAULIC MODEL CORRESPOND TO NAVD '1988.
- ASSUMPTIONS:**
- INITIAL FLOW CONDITIONS - TRABUCO CANYON WSE = 1274.5 FT AMSL
  - ASSUMED INITIAL CONDITION - DOVE CANYON DAM WSE = 1090.00 FT AMSL
  - BREACH OCCURS DUE TO PIPING FAILURE AT ELEVATION 1251.5 FT AMSL
  - NO DOWNSTREAM FLOW CONTRIBUTIONS CONSIDERED
  - NO INFILTRATION IN AFFECTED AREAS

**NOTE:**

THE INUNDATION AREA SHOWN ON THIS MAP REPRESENTS AN EXTREMELY RARE EVENT. PUBLICATION OF THIS MAP IS NOT INTENDED TO REFLECT IN ANY WAY UPON THE INTEGRITY OF TRABUCO RESERVOIR DAM. ALL WATER DEPTHS, TRAVEL TIMES, AND INUNDATED AREAS SHOWN ON THIS MAP ARE APPROXIMATE. THE INUNDATION MAP HAS BEEN PREPARED IN ACCORDANCE WITH SOUND ENGINEERING PRACTICES AND THE ANALYSIS HAS BEEN PERFORMED CORRECTLY TO THE BEST OF ENGINEER'S KNOWLEDGE.

**TRABUCO RESERVOIR  
HYPOTHETICAL SUNNY DAY DAM FAILURE**

| POINT OF REFERENCE | FLOOD ARRIVAL TIME (MIN) | DISTANCE TO DAM (FT) | DISTANCE TO DAM (MI) | MAXIMUM WATER DEPTH (FT) | MAXIMUM VELOCITY (FPS) |
|--------------------|--------------------------|----------------------|----------------------|--------------------------|------------------------|
| 1                  | 4                        | 600                  | 0.12                 | 16.10                    | 20.10                  |
| 2A                 | 8                        | 1900                 | 0.36                 | 7.54                     | 13.88                  |
| 2B                 | 8                        | 1600                 | 0.30                 | 9.25                     | 8.12                   |
| 3                  | 12                       | 3300                 | 0.63                 | 3.12                     | 6.64                   |
| 4                  | 16                       | 4080                 | 0.77                 | 2.25                     | 8.89                   |
| 5                  | 20                       | 4380                 | 0.83                 | 1.37                     | 7.79                   |
| 6                  | 24                       | 5170                 | 0.98                 | 1.68                     | 8.75                   |
| 7                  | 30                       | 6190                 | 1.17                 | 2.04                     | 7.88                   |
| 8                  | 45                       | 9550                 | 1.81                 | 4.50                     | 8.73                   |



DSOD DAM No. 2030.002  
 NATIONAL DAM No. CA01241  
 COUNTY OF ORANGE  
 MODEL SIMULATION DATE: 3/12/2019  
 MAP PREPARATION DATE: 3/27/2019

| NO | BY | DATE | REVISIONS | DATE | APP. |
|----|----|------|-----------|------|------|
|    |    |      |           |      |      |

**DUDEK**  
 27372 CALLE ARROYO  
 SAN JUAN CAPISTRANO, CA 92675  
 949.450.2525 Fax 905.963.3074



SCALE: AS SHOWN  
 DESIGNED: JS  
 DRAWN: LT/JC  
 CHECKED: JS  
 DATE: MAR 27, 2019  
 JOB NO.: 11042

**TRABUCO RESERVOIR DAM  
 SUNNY DAY FAILURE**

**INUNDATION MAP**

TRABUCO CANYON WATER DISTRICT, CA.



**LEGEND**

--- 1 --- POINT OF REFERENCE

DOVE RESERVOIR DAM FAILURE INUNDATION BOUNDARY

- NOTES:**
1. FLOOD WAVE ARRIVAL TIME - TIME FROM INITIATION OF DAM FAILURE UNTIL THE WATER SURFACE ELEVATION INCREASES BY 1 FT.
  2. ELEVATIONS IN HYDRAULIC MODEL CORRESPOND TO HAVD 1986.
- ASSUMPTIONS:**
1. INITIAL FLOW CONDITIONS - DOVE CANYON WSE = 1090.0 FT AMSL
  2. BREACH OCCURS DUE TO PIPING FAILURE AT ELEVATION 1061.5 FT AMSL
  3. NO DOWNSTREAM FLOW CONTRIBUTIONS CONSIDERED
  4. NO INFILTRATION IN AFFECTED AREAS

**NOTE:**

THE INUNDATION AREA SHOWN ON THIS MAP REPRESENTS AN EXTREMELY RARE EVENT. PUBLICATION OF THIS MAP IS NOT INTENDED TO REFLECT IN ANY WAY UPON THE INTEGRITY OF DOVE RESERVOIR DAM. ALL WATER DEPTHS, TRAVEL TIMES, AND INUNDATED AREAS SHOWN ON THIS MAP ARE APPROXIMATE. THE INUNDATION MAP HAS BEEN PREPARED IN ACCORDANCE WITH SOUND ENGINEERING PRACTICES AND THE ANALYSIS HAS BEEN PERFORMED CORRECTLY TO THE BEST OF ENGINEER'S KNOWLEDGE.

**TRABUCO RESERVOIR  
HYPOTHETICAL SUNNY DAY DAM FAILURE**

| POINT OF REFERENCE | FLOOD ARRIVAL TIME (MIN) | DISTANCE TO DAM (FT) | DISTANCE TO DAM (MI) | MAXIMUM WATER DEPTH (FT) | MAXIMUM VELOCITY (FPS) |
|--------------------|--------------------------|----------------------|----------------------|--------------------------|------------------------|
| 1                  | 10                       | 3330                 | 0.63                 | 15.24                    | 28.93                  |
| 2                  | 20                       | 10590                | 2.01                 | 12.85                    | 22.76                  |
| 3                  | 30                       | 17170                | 3.25                 | 13.47                    | 23.94                  |
| 4                  | 40                       | 22150                | 4.20                 | 7.76                     | 16.43                  |
| 5                  | 50                       | 27230                | 5.16                 | 8.27                     | 16.55                  |
| 6                  | 60                       | 31280                | 5.92                 | 5.42                     | 11.42                  |

DSOD DAM No. 790.000  
 NATIONAL DAM No. CA01248  
 COUNTY OF ORANGE  
 MODEL SIMULATION DATE: 3/5/2019  
 MAP PREPARATION DATE: 3/27/2019

| NO | BY | DATE | REVISIONS | DATE | APP. |
|----|----|------|-----------|------|------|
|    |    |      |           |      |      |
|    |    |      |           |      |      |
|    |    |      |           |      |      |

**DUDEK**  
 37373 CALLE ARROYO  
 SAN JUAN CAPISTRANO, CA 92575  
 949 450 2151 Fax 949 963 2074

SCALE: AS SHOWN  
 DESIGNED: JS  
 DRAWN: LT/JC  
 CHECKED: JS  
 DATE: MAR 27, 2019  
 JOB NO.: 11042

**DOVE CANYON RESERVOIR DAM SUNNY DAY FAILURE  
 INUNDATION MAP**  
 TRABUCO CANYON WATER DISTRICT, CA.

**TRABUCO CANYON WATER DISTRICT  
ENGINEERING/OPERATIONAL COMMITTEE MEETING | MAY 3, 2023**

**ENGINEERING MATTERS**

**ITEM 4: OTHER ENGINEERING AND OPERATIONS PROJECT UPDATES**

---

1. Golf Club Sewer Lift Station Improvements
2. Oaks at Trabuco Development
3. Dove Center Update
4. Rose and Lang Wells Groundwater Treatment Facility Fence Project
5. Other Projects

**RECOMMENDED ACTION:**

*Committee to receive project status updates at time of the Committee Meeting.*

**EXHIBIT(S):**

None

**CONTACTS (staff responsible): PALUDI/PEREA/LAUSTEN**



**TRABUCO CANYON WATER DISTRICT  
ENGINEERING/OPERATIONAL COMMITTEE MEETING | MAY 3, 2023**

**OPERATIONAL MATTERS**

**ITEM 5: WATER SYSTEM UPDATES**

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The following is a brief report of the water system for **March 2023**.

**Projects and Repairs**

Water Operations staff performed and/or completed the following tasks and projects:

1. Replaced two fire hydrants in Dove Canyon and Santiago Estates communities.
2. Replaced a residential potable water service curb stop on Briarcliff in the Dove Canyon community.
3. Repaired a potable water system blow off at Trabuco Marketplace.
4. Replaced a Pressure Reducing Valve (PRV) transducer on High Country Road.
5. Repaired the altitude valve at Rose Reservoir.
6. Repaired a potable water service leak on Wakonda in the Dove Canyon community.
7. Removed an air vacuum breaker and relocated a sample test port at the Dimension Water Treatment Plant (DWTP).
8. Continued to work with TESCO Controls and Hydrotech Electric to keep GWTF running.

**Monthly Water System Operations Summary**

The Monthly Water System Operations Summary is attached for the Committee's review. Any anomalies will be presented at the time of the Engineering/Operational Committee Meeting.

**RECOMMENDED ACTION:**

*Committee to receive system status updates. No action required.*

**EXHIBITS**

1. Monthly Water System Operations Summary

**CONTACTS (staff responsible): PEREA/KESSLER**



**TRABUCO CANYON WATER DISTRICT  
MONTHLY WATER SYSTEM OPERATIONS SUMMARY - 2023**

| <b>System Demands**</b>                 |  |       |      |  |  |  |  |  |  |  |  |  |  |
|---|--|-------|------|--|--|--|--|--|--|--|--|--|--|
| AF/Day                                  | 3.0  | 4.0   | 2.8  |  |  |  |  |  |  |  |  |  |  |
| Daily Average, CFS                      | 1.5  | 2.0   | 1.4  |  |  |  |  |  |  |  |  |  |  |
| <b>Other Water Deliveries/Purchases</b> |  |       |      |  |  |  |  |  |  |  |  |  |  |
| Ridgeline (DWTP Delivery)               | 85.2   | 103.0 | 8.9  |  |  |  |  |  |  |  |  |  |  |
| El Toro (Interconnection Purchase)      | 0.0  | 0.0   | 0.0  |  |  |  |  |  |  |  |  |  |  |
| Baker WTP (CSC Delivery)                | 115.0  | 108.0 | 55.2 |  |  |  |  |  |  |  |  |  |  |
| Portola Hills (Wholesale Purchase)      | 8.0  | 8.4   | 6.9  |  |  |  |  |  |  |  |  |  |  |
| Skyridge (Wholesale Purchase)           | 1.5  | 1.5   | 1.6  |  |  |  |  |  |  |  |  |  |  |
| * Usage estimated                       | ** Excludes Operational use, losses, and supplement to Recycled Water Reservoir (RW) |       |      |  |  |  |  |  |  |  |  |  |  |

**TRABUCO CANYON WATER DISTRICT  
ENGINEERING/OPERATIONAL COMMITTEE MEETING | MAY 3, 2023**

**OPERATIONAL MATTERS**

**ITEM 6: WASTEWATER SYSTEM UPDATES**

The following is a brief report of the wastewater system for **April 2023**.

**Projects and Repairs**

Wastewater Operations staff performed and/or completed the following tasks and projects:

1. Cleaned Bell Canyon Lift Station wet well.
2. Assisted TESCO Controls with VFD repairs at Dove Recycled Pump Station.
3. Assisted with Department Safety of Dams (DSOD) Dam inspections at Trabuco Dam and Dove Canyon Dam.
4. Performed weed abatement at Robinson Ranch Wastewater Treatment Plant (WWTP).
5. Replaced a submersible pump at Santiago Canyon Lift Station.

**Sewer System Management Plan (SSMP) Report**

*The purpose of the program is to communicate on a regular basis with the public on the development, implementation, and performance of TCWD’s SSMP. Status updates on the work and type of work performed on the sewer system will be provided, including sewer line and manhole cleaning, system repairs, lift station cleaning, and updates from satellite facilities:*

| <b>Sewer System Management Plan (SSMP) Monthly Update</b> |               |
|---|---------------|
| Total Sewer Line, Feet*                                   | 212,045       |
| <b>Total Sewer Line Cleaned (Ft) – Month</b>              | <b>10,273</b> |
| Total Sewer Line Cleaned (Ft) – Cleaning Cycle            | 72,128        |
| Cleaning Cycle Period (Mos.) [Start date: 9/1/22]         | 7             |
| <b>Total Sewer Line Cleaned, %</b>                        | <b>34%</b>    |
| The Oaks at Trabuco – Pumping Frequency for the Month     | 12            |
| O’Neill Park Sewer System Status                          | Ok            |
| O’Neill Park Sewer System Repairs                         | None          |
| SSMP Quarterly Report – <i>Next Quarterly Report</i>      | 2Q 2023       |
| SSMP Program Audit – <i>Next Audit Report**</i>           | February 2024 |

*\*This amount includes the OC Parks-owned O’Neill Park sewer system the District is contracted to clean.*

*\*\*Periodic internal audits shall be conducted, at a minimum every two years, with reports kept on file. The audit shall focus on evaluating the effectiveness of the SSMP and TCWD’s compliance with the mandatory elements of TCWD’s SSMP:*

**Monthly Recycled Water System Operations Summary**

The Monthly Recycled Water System Operations Summary is attached for the Committee’s review. Any anomalies will be presented at the time of the Engineering/Operational Committee Meeting.

**RECOMMENDED ACTION:**

*Committee to receive system status updates. No action required.*

**EXHIBITS**

1. Monthly Recycled Water System Operations Summary

**CONTACTS (staff responsible): PEREA/ULLOA**

**TRABUCO CANYON WATER DISTRICT | NON-DOMESTIC WATER SYSTEM SUMMARY - 2023**

| <b>RECYCLED WATER SUPPLY</b>          |        |         |         |         |     |     |     |     |     |     |     |     |     |       |               |
|---------------------------------------|--------|---------|---------|---------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-------|---------------|
|                                       | MAX    | JAN     | FEB     | MAR     | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | TOTAL | FIVE YEAR AVG |
| WWTP Reclaimed Water Production, AF   | 78.3   | 58.6    | 37.8    | 34.6    |     |     |     |     |     |     |     |     |     | 130.9 | 529.1         |
| Reclaimed Reservoir Level, FT         | 1274.5 | 1,273.0 | 1,274.0 | 1,272.5 |     |     |     |     |     |     |     |     |     | -     | -             |
| Reclaimed Reservoir Free Board, FT    | 25.5   | 1.5     | 0.5     | 2.0     |     |     |     |     |     |     |     |     |     | -     | -             |
| Reclaimed Reservoir Storage, AF       | 145.5  | 135.7   | 139.3   | 132.1   |     |     |     |     |     |     |     |     |     | -     | -             |
| Supplemental Domestic Water Added, AF | N/A    | 0.0     | 0.0     | 0.0     |     |     |     |     |     |     |     |     |     | 0.0   | 35.5          |

| <b>RECYCLED WATER SYSTEM DEMAND</b>      |              |             |              |              |            |            |            |            |            |            |            |            |             |               |              |
|--|--------------|-------------|--------------|--------------|------------|------------|------------|------------|------------|------------|------------|------------|-------------|---------------|--------------|
| NON DOMESTIC WATER USER                  | ALLOC. AF    | 8%<br>JAN   | 17%<br>FEB   | 25%<br>MAR   | 33%<br>APR | 42%<br>MAY | 50%<br>JUN | 58%<br>JUL | 67%<br>AUG | 75%<br>SEP | 83%<br>OCT | 92%<br>NOV | 100%<br>DEC | TOTAL         | ALLOC. %     |
| Dahlia Court                             | 8.2          | 0.07        | 0.1          | 0.0          |            |            |            |            |            |            |            |            |             | 0.22          | 2.6%         |
| Dove Canyon Golf Course                  | 106.7        | 0.29        | 5.9          | 0.2          |            |            |            |            |            |            |            |            |             | 6.46          | 6.1%         |
| Dove Canyon Master Association           | 279.3        | 0.28        | 1.1          | 0.1          |            |            |            |            |            |            |            |            |             | 1.48          | 0.5%         |
| Robinson Ranch                           | 80.2         | 0.25        | 1.4          | 0.3          |            |            |            |            |            |            |            |            |             | 1.92          | 2.4%         |
| Trabuco Highlands                        | 159.7        | 2.25        | 5.9          | 0.1          |            |            |            |            |            |            |            |            |             | 8.21          | 5.1%         |
| City of RSM                              | 0.1          | 0.00        | 0.03         | 0.00         |            |            |            |            |            |            |            |            |             | 0.03          | 21.5%        |
| Construction Water                       | N/A          | 0.00        | 0.0          | 0.0          |            |            |            |            |            |            |            |            |             | 0.00          | N/A          |
| Sakaida Nursery                          | 1.1          | 0.00        | 0.0          | 0.0          |            |            |            |            |            |            |            |            |             | 0.00          | 0.0%         |
| SMWD                                     | N/A          | 41.74       | 40.6         | 7.7          |            |            |            |            |            |            |            |            |             | 90.09         | N/A          |
| TY Nursery                               | 17.9         | 0.00        | 0.05         | 0.0          |            |            |            |            |            |            |            |            |             | 0.05          | 0.3%         |
| <b>TOTAL, AF</b>                         | <b>653.2</b> | <b>44.9</b> | <b>55.1</b>  | <b>8.4</b>   |            |            |            |            |            |            |            |            |             | <b>108.45</b> | <b>16.6%</b> |
| <b>PERCENTAGE OF NDW ALLOCATION/YEAR</b> |              | <b>6.9%</b> | <b>15.3%</b> | <b>16.6%</b> |            |            |            |            |            |            |            |            |             |               |              |

**TOTAL ANNUAL AVG. NDW AVAILABLE\*\* 774.36**

| <b>URBAN RUNOFF CAPTURE AND REUSE</b>  |                   |       |       |       |     |     |     |     |     |     |     |     |     |       |               |
|--|-------------------|-------|-------|-------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-------|---------------|
| DISTRICT FACILITY                      |                   | JAN   | FEB   | MAR   | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | TOTAL | FIVE YEAR AVG |
| Shadow Rock Detention Basin Production |                   | 0.15  | 0.00  | 0.00  |     |     |     |     |     |     |     |     |     | 0.15  | 14.2          |
| Dove   Tick Creek Production*          | <i>Dry Season</i> | 0.0   | 0.0   | 0.0   |     |     |     |     |     |     |     |     |     | 0.0   | 58.8          |
|  | TCWD Portion      | 0.0   | 0.0   | 0.0   |     |     |     |     |     |     |     |     |     | 0.0   | -             |
|  | SMWD Portion      | 0.0   | 0.0   | 0.0   |     |     |     |     |     |     |     |     |     | 0.0   | -             |
| Dove Lake Water Pumped                 |                   | 0.0   | 0.0   | 0.0   |     |     |     |     |     |     |     |     |     | 0.0   | 185.8         |
| Dove Lake Free Board, Ft               |                   | 0.0   | 0.0   | 0.0   |     |     |     |     |     |     |     |     |     | -     | -             |
| Dove Lake Storage, AF                  |                   | 180.0 | 180.0 | 180.0 |     |     |     |     |     |     |     |     |     | -     | -             |
| Total Rainfall, In.                    |                   | 8.1   | 2.1   | 10.3  |     |     |     |     |     |     |     |     |     | 20.4  | 14.7          |

\* SMWD share of Dove/Tick Pump Station Dry Season Water is 50% of production.

\*\* Based on 5-Year Average Reclaimed Water Reservoir Base Supply & Recycled Water Production

**TRABUCO CANYON WATER DISTRICT  
ENGINEERING/OPERATIONAL COMMITTEE MEETING | MAY 3, 2023**

**OPERATIONAL MATTERS**

**ITEM 7: MAINTENANCE DEPARTMENT UPDATES**

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The following is a brief report of work completed by Maintenance staff for **April 2023**.

**Projects and Repairs**

Maintenance staff performed and/or completed the following tasks and projects:

**Water Operations**

1. Worked with Water Operations to remove sump pump at Trabuco Creek GWTF.

**Wastewater Operations**

1. Rented a Bobcat track steer and accessories to perform weed abatement at Robinson Ranch WWTP.
2. Worked with Operations to install a new pump at Santiago SLS.
3. Worked with Operations and Hydrotech Electric to troubleshoot a failed Hoffman Blower. Discovered the power supply wires were split and causing the fuse to blow. Repaired and restored the blower.
4. Worked with pump vendor to repair pumps at Golf Club SLS and O'Neill SLS.

**District Fleet Upgrades & Other Projects**

1. Ordered new Heavy Duty Equipment Trailer (FY 2022-23 CIP Project).
2. Oil change and tire replacement on vehicle no. 4.
3. Started AQMD Emergency Diesel Emission Report.
4. Worked with vendor for District-wide Fire Extinguisher service.
5. Prepared for Water Awareness Day event.

**RECOMMENDED ACTION:**

*Committee to receive system status updates. No action required.*

**EXHIBITS**

None

**CONTACTS (staff responsible): PEREA/STROUD**

**TRABUCO CANYON WATER DISTRICT  
ENGINEERING/OPERATIONAL COMMITTEE MEETING | MAY 3, 2023**

**REGULATORY AND OTHER MATTERS**

**ITEM 8: OTHER MATTERS/REPORTS**

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Other Matters/Reports from the General Manager and/or District staff may be provided at the time of the Engineering/Operational Committee Meeting.

**RECOMMENDED ACTION:**

*Hear Other Matters/Reports that may have arisen after the posting of the agenda.*

**EXHIBITS**

None

**CONTACTS (staff responsible): PALUDI/PEREA**