



**SPECIAL MEETING  
OF THE  
CACHUMA OPERATION AND MAINTENANCE BOARD**

**Monday, January 10, 2022  
1:00 P.M.**

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**BY TELECONFERENCE**

**NOTICE:** Pursuant to California Government Code sections 54953(b)(1), (b)(2), (e)(1) and (e)(3) (AB 361), members of the Cachuma Operation & Maintenance Board (COMB) Board of Directors, staff, and members of the public will participate in this meeting electronically by video and/or teleconference, as described below.

**HOW TO OBSERVE THE MEETING**

Members of the public may observe the meeting as set forth below.

**Join via video conference:**

<https://us02web.zoom.us/j/81610464542?pwd=eIVjTVNLTUFMRUJCQTBZTHVsT2Z2dz09>

Passcode: 146418

**Join via teleconference:**

US: +1 669 900 6833 Conference ID: 816 1046 4542 Passcode: 146418

**HOW TO MAKE A PUBLIC COMMENT**

Any member of the public may address the Board on any subject within the jurisdiction of the Board of Directors. The total time for this item will be limited by the President of the Board. The Board is not responsible for the content or accuracy of statements made by members of the public. No action will be taken by the Board on any Public Comment item.

**By Video:** Those observing the meeting by video may make comments during designated public comment periods using the “raise hand” feature. Commenters will be required to unmute their respective microphone when providing comments.

**By Telephone:** Those observing the meeting by telephone may make comments during the designated public comment periods by pressing \*9 on the key pad to indicate such interest. Commenters will be prompted to press \*6 to unmute their respective telephone when called upon to speak.

**AMERICANS WITH DISABILITIES ACT**

In compliance with the Americans with Disabilities Act, if you need special assistance to review agenda materials or participate in this meeting, please contact the Cachuma Operation and Maintenance Board office at (805) 687-4011 at least 48 hours prior to the meeting to enable the Board to make reasonable arrangements.

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**SPECIAL MEETING  
OF THE  
CACHUMA OPERATION AND MAINTENANCE BOARD**

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**Monday, January 10, 2022**

**1:00 P.M.**

**AGENDA**

**NOTICE:** This Meeting shall be conducted through remote access as authorized and in accordance with Government Code section 54953 and the California Governor's Executive Order's N-08-21, N-15-21 and as amended by AB 361.

1. **CALL TO ORDER, ROLL CALL**
2. **PUBLIC COMMENT** *(In accordance with Government Code Section 54954.3, every notice for a special meeting shall provide an opportunity for members of the public to directly address the legislative body concerning any item that has been described in the notice for the meeting before or during consideration of that item.)*
3. **RESOLUTION NO. 742 – CONFIRMATION OF LOCAL EMERGENCY - ACKNOWLEDGEMENT OF GOVERNOR NEWSOM'S DECLARED STATE OF EMERGENCY (HEALTH AND SAFETY)**  
Action: Recommend adoption by motion and roll call vote of the Board
4. **SOUTH COAST CONDUIT (SCC) REHABILITATION PROJECTS / EMERGENCY REPAIR WORK – CONSTRUCTION CONTRACT CHANGE ORDER**  
Action: Recommend approval by motion and roll call vote of the Board
5. **CACHUMA RESERVOIR CONDITIONS**  
Receive information on current Cachuma Reservoir conditions
6. **DIRECTORS' REQUESTS FOR AGENDA ITEMS FOR FUTURE MEETING**
7. **MEETING SCHEDULE**
  - **January 24, 2021 Regular Board Meeting at 1:00 P.M**
  - **Board Packages Available on COMB website [www.cachuma-board.org](http://www.cachuma-board.org)**
8. **COMB ADJOURNMENT**

#### NOTICE TO PUBLIC

**Posting of Agenda:** This agenda was posted at COMB's offices, located at 3301 Laurel Canyon Road, Santa Barbara, California, 93105 and on COMB's website, in accordance with Government Code Section 54954.2. The agenda contains a brief general description of each item to be considered by the Governing Board. The Board reserves the right to modify the order in which agenda items are heard. Copies of staff reports or other written documents relating to each item of business are on file at the COMB offices and are available for public inspection during normal business hours. A person with a question concerning any of the agenda items may call COMB's General Manager at (805) 687-4011.

**Written materials:** In accordance with Government Code Section 54957.5, written materials relating to an item on this agenda which are distributed to the Governing Board less than 72 hours (for a regular meeting) or 24 hours (for a special meeting) will be made available for public inspection at the COMB offices during normal business hours. The written materials may also be posted on COMB's website subject to staff's ability to post the documents before the scheduled meeting.

**Public Comment:** Any member of the public may address the Board on any subject within the jurisdiction of the Board that is not scheduled for as an agenda item before the Board. The total time for this item will be limited by the President of the Board. The Board is not responsible for the content or accuracy of statements made by members of the public. No action will be taken by the Board on any Public Comment item.

**Americans with Disabilities Act:** in compliance with the Americans with Disabilities Act, if you need special assistance to review agenda materials or participate in this meeting, please contact the Cachuma Operation and Maintenance Board office at (805) 687-4011 at least 48 hours prior to the meeting to enable the Board to make reasonable arrangements.

**Note:** If you challenge in court any of the Board's decisions related to the listed agenda items you may be limited to raising only those issues you or someone else raised at any public hearing described in this notice or in written correspondence to the Governing Board prior to the public hearing.

# CACHUMA OPERATION & MAINTENANCE BOARD

## BOARD MEMORANDUM

Date:	January 10, 2022
Submitted by:	Janet Gingras

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**SUBJECT:** Resolution No. 742 – Confirmation of Local Emergency – Ratification of Governor Newsom’s Declared State of Emergency (Health and Safety)

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**RECOMMENDATION:**

The Board of Directors adopt Resolution No. 742 pursuant to the requirements of AB 361 allowing the current meeting, and subsequent Board meetings that occur within the next 30 days up to February 10, 2022 be held virtually in compliance with applicable state law.

**DISCUSSION:**

On March 4, 2020, Governor Gavin Newsom declared a state of emergency to exist due to the COVID-19 pandemic and its impact on human health and safety. Governor Newsom issued Executive Order N-29-20 which allows local agencies to meet virtually rather than in-person while still complying with state open-meeting laws (e.g., Brown Act), using videoconferencing technology to decrease meeting attendees’ potential exposure to COVID-19. The pandemic still persists and the declared state of emergency remains in place. COMB has met successfully and in compliance with the Brown Act using a commercial videoconferencing platform and providing for public access.

The Executive Order N-29-20 waiver of Brown Act meeting requirements expired on September 30, 2021. Assembly Bill 361 (Open meetings: state and local agencies: teleconferences) was signed into law on September 16, 2021 and, effective October 1<sup>st</sup>, applies to local agencies intending to meet virtually in the interest of reducing COVID-19 exposure. AB 361 requires public agencies to regularly review and find an ongoing need to hold public meetings by teleconference. Accordingly, COMB must make the following findings by majority vote within 30 days of holding a meeting by teleconference for the first time under AB 361, then every 30 days thereafter. The requirements that allow the board to meet virtually are: a) a governor-declared state of emergency is in effect; and b) a majority of the board must vote that, as a result of the emergency, meeting in person would present imminent risk to the health or safety of attendees.

**LEGAL CONCURRENCE:**

Legal counsel has reviewed Resolution No. 742.

**LIST OF EXHIBITS:**

1. Resolution No. 742
2. Santa Barbara County Public Health Press Release

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**RESOLUTION NO. 742**

**A RESOLUTION OF THE GOVERNING BOARD OF THE CACHUMA OPERATION AND MAINTENANCE BOARD ACKNOWLEDGING A LOCAL EMERGENCY, ACKNOWLEDGING THE PROCLAMATION OF A STATE OF EMERGENCY BY GOVERNOR NEWSOM'S ORDER DATED MARCH 4, 2020 AND RE-AUTHORIZING REMOTE TELECONFERENCE MEETINGS OF THE LEGISLATIVE BODIES OF THE CACHUMA OPERATION AND MAINTENANCE BOARD FOR THE PERIOD JANUARY 10, 2022 THROUGH FEBRUARY 10, 2022 PURSUANT TO BROWN ACT PROVISIONS**

**Recitals**

**WHEREAS**, the Cachuma Operation & Maintenance Board (“COMB”) is a joint powers authority and public entity, organized and existing in the County of Santa Barbara in accordance with Government Code Section 6500 *et seq.*, and operating pursuant to the 1996 Amended and Restated Agreement for the Establishment of a Board of Control to Operate and Maintain the Cachuma Project - Cachuma Operation And Maintenance Board, dated May 23, 1996 (“Amended and Restated Agreement”), as amended by an Amendment to the Amended and Restated Agreement made effective September 16, 2003, and a Second Amendment to the Amended and Restated Agreement made effective November 20, 2018 (collectively the “Joint Powers Agreement”); and

**WHEREAS**, the Member Agencies of COMB are the Goleta Water District, the City of Santa Barbara, the Montecito Water District, and the Carpinteria Valley Water District; and

**WHEREAS**, COMB operates and maintains Cachuma Project facilities pursuant to a Transfer of Operation and Maintenance Contract with the United States Bureau of Reclamation; and

**WHEREAS**, COMB is committed to preserving and nurturing public access and participation in meetings of the Board of Directors; and

**WHEREAS**, all meetings of the COMB Governing Board are open and public, as required by the Ralph M. Brown Act (Cal. Gov. Code sections 54950 – 54963)(“Brown Act”), so that any member of the public may attend, participate and watch COMB’s governing body conduct its business; and

**WHEREAS**, the Brown Act, Government Code section 54953(e), makes provisions for remote teleconferencing participation in meetings by members of a legislative body, without compliance with the requirements of Government Code section 54953(b)(3), subject to the existence of certain conditions; and

**WHEREAS**, a required condition is that a state of emergency is declared by the Governor pursuant to Government Code section 8625, proclaiming the existence of conditions of disaster or of extreme peril to the safety of persons and property within the State caused by conditions as described in Government Code section 8558; and

**WHEREAS**, it is further required that State or local officials have imposed or recommended measures to promote social distancing, or, the governing body determines that meeting in person would present risks to the health and safety of attendees; and

**WHEREAS**, on March 4, 2020, Governor Gavin Newsom proclaimed a State of Emergency to exist in California due to the threat of COVID-19; despite sustained efforts, the virus, and its variants, continues to spread and has impacted nearly all sectors of California; and

**WHEREAS**, on September 5, 2021, the Santa Barbara County Health Officer issued Order 2021-10.4, requiring face coverings in all public indoor settings in response to the rise in SARS-CoV-2 Delta Variant; and

**WHEREAS**, effective October 5, 2021, the Santa Barbara County Health Officer issued Order 2021-10.5, extending the requirement for face coverings in all public indoor settings in response to the rise in SARS-CoV-2 Delta Variant; and

**WHEREAS**, on October 25, 2021, the COMB Governing Board adopted Resolution No. 735, finding that the requisite conditions exist for the legislative bodies of COMB to conduct remote teleconference meetings without compliance with section 54953(b)(3); and

**WHEREAS**, on November 4, 2021, the Santa Barbara County Health Officer issued Order 2021-10.6, extending the requirement for face coverings in all public indoor settings in response to the rise in SARS-CoV-2 Delta Variant; and

**WHEREAS**, on December 3, 2021, the Santa Barbara County Health Officer issued Order 2021-10.7, superseding and replacing Health Officer Order No. 2021-10.6, extending the requirement for face coverings in all public indoor settings in response to the rise in SARS-CoV-2 Delta and Omicron Variants; and

**WHEREAS**, effective January 2, 2022, the Santa Barbara County Health Officer issued Order 2021-10.8, superseding and replacing Health Officer Order No. 2021-10.7, extending the requirement for face coverings in all public indoor settings in response to the rise in SARS-CoV-2 Delta and Omicron Variants; and

**WHEREAS**, as a consequence of the local emergency, the COMB Governing Board does hereby find that meeting in person would pose risks to the health or safety of attendees; and

**WHEREAS**, the COMB Governing Board does hereby find that COMB shall continue to conduct its meetings without compliance with paragraph (3) of subdivision (b) of Government Code section 54953, as authorized by subdivision (e) of section 54953, and that such legislative bodies shall comply with the requirements to provide the public with access to meetings as prescribed in paragraph (2) of subdivision (e) of section 54953; and

**WHEREAS**, all meeting agendas, meeting dates, times and manner in which the public may participate in the public meetings of COMB and offer public comment by telephone or internet-based services options, including video conference, are posted on the COMB website and physically within COMB's jurisdictional boundaries.

**WHEREAS**, the COMB Governing Board adopted virtual meeting protocols on April 9, 2020, which includes options for public participation.

**NOW, THEREFORE, IT IS HEREBY RESOLVED** by the COMB Governing Board, as follows:



1. Recitals. The Recitals set forth above are true and correct and are incorporated into this Resolution by this reference.
2. Proclamation of Local Emergency. The Governing Board hereby acknowledges the Santa Barbara County Health Officer's Orders 2021-10.4, and 2021-10.8, regarding a local emergency that COVID-19 has caused, and will continue to cause, conditions of peril to the safety of persons within COMB that are likely to be beyond the control of services, personnel, equipment, and facilities of COMB.
3. Risks to Health and Safety of Attendees. The Governing Board hereby determines that meeting in person would present risks to the health and safety of attendees.
4. Acknowledgment of Governor's Proclamation of a State of Emergency. The Governing Board hereby acknowledges the Governor of the State of California's Proclamation of State of Emergency, effective as of its issuance date of March 4, 2020.
5. Remote Teleconference Meetings. COMB staff are hereby authorized and directed to take all actions necessary to carry out the intent and purpose of this Resolution including, conducting open and public meetings in accordance with Government Code section 54953(e) and other applicable provisions of the Brown Act.
6. Effective Date of Resolution. This Resolution shall take effect on January 10, 2022, and shall be effective until the earlier of (i) February 10, 2022, or such time the Governing Board adopts a subsequent resolution in accordance with Government Code section 54953(e)(3) to extend the time during which the legislative bodies of COMB may continue to teleconference without compliance with paragraph (3) of subdivision (b) of section 54953.

**ADOPTED** by the COMB Governing Board on January 10, 2022, by the following roll call votes:

AYES:

NOES:

ABSENT:

ABSTAINED:

**APPROVED:**

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President of the Governing Board

**ATTEST:**

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Secretary of the Governing Board

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**PRESS RELEASE**  
**January 3, 2022**

**News Media Contact**  
Jackie Ruiz, MPH  
Public Information Officer  
(805) 896-1057 (cell)  
[jacruz@sbcpd.org](mailto:jacruz@sbcpd.org)

**UPDATED COVID-19 ISOLATION AND QUARANTINE GUIDANCE  
TO ALIGN WITH CDPH**

**(SANTA BARBARA, Calif.)** – The Santa Barbara County Public Health Department has updated their COVID-19 isolation and quarantine guidance to align with [new guidance from the California Department of Public Health \(CDPH\)](#). This guidance does not apply to health care personnel. Changes of note include:

- Updated isolation and quarantine recommendations for the general public are now in alignment with timeframe recommendations from the Centers for Disease Control and Prevention (CDC).
- Additional mitigation measures, including testing to exit isolation and quarantine and improved masking are included.
- Clarification that fully-vaccinated persons who are booster-eligible, but have not yet received their booster dose are now recommended to quarantine.

Persons Who Test Positive for COVID-19 (Isolation)	Recommended Action
Everyone, regardless of vaccination status, previous infection or lack of symptoms.	<ul style="list-style-type: none"> <li>• Stay home for at least 5 days.</li> <li>• Isolation can end after day 5 if symptoms are not present or are resolving <b>and</b> a diagnostic specimen* collected on day 5 or later tests negative.</li> <li>• If unable to test or choosing not to test, and symptoms are not present or are resolving, isolation can end after day 10.</li> <li>• If fever is present, isolation should be continued until fever resolves.</li> <li>• If symptoms, other than fever, are not resolving continue to isolate until symptoms are resolving or until after day 10.</li> <li>• Wear a well-fitting mask around others for a total of 10 days, especially in indoor settings (see Section below on masking for additional information)</li> </ul> <p>*Antigen test preferred.</p>

**-MORE-**

Persons Who are Exposed to Someone with COVID-19 (Quarantine)	Recommended Action
<ul style="list-style-type: none"> <li>• Unvaccinated**; OR</li> </ul>	<ul style="list-style-type: none"> <li>• Stay home for at least 5 days, after your last contact with a person who has COVID-19.</li> </ul>

<ul style="list-style-type: none"> <li>Vaccinated and booster-eligible** but have <b>not</b> yet received their booster dose.</li> </ul> <p>**Includes persons previously infected with SARS-CoV-2, including within the last 90 days.</p> <p>(See <a href="#">Appendix</a> for definition of booster-eligible)</p>	<ul style="list-style-type: none"> <li>Test on day 5.</li> <li>Quarantine can end after day 5 if symptoms are not present <b>and</b> a diagnostic specimen collected on day 5 or later tests negative.</li> <li>If unable to test or choosing not to test, and symptoms are not present, quarantine can end after day 10.</li> <li>Wear a well-fitting mask around others for a total of 10 days, especially in indoor settings (see Section below on masking for additional information)</li> <li>If testing positive, follow isolation recommendations above.</li> <li>If symptoms develop, test and stay home.</li> </ul>
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Persons Who are Exposed to Someone with COVID-19 (No Quarantine)	Recommended Action
<ul style="list-style-type: none"> <li>Boosted; OR</li> <li>Vaccinated, but not yet booster-eligible.</li> </ul> <p>(See <a href="#">Appendix</a> for definition of booster-eligible)</p>	<ul style="list-style-type: none"> <li>Test on day 5.</li> <li>Wear a well-fitting mask around others for 10 days, especially in indoor settings (see Section below on masking for additional information)</li> <li>If testing positive, follow isolation recommendations above.</li> <li>If symptoms develop, test and stay home.</li> </ul>

According to the Centers for Disease Control and Prevention, people with COVID-19 have had a wide range of symptoms reported – ranging from mild symptoms to severe illness. Symptoms may appear 2-14 days after exposure to the virus. People with these symptoms may have COVID-19: fever or chills, cough, shortness of breath or difficulty breathing, fatigue, muscle or body aches, headache, new loss of taste or smell, sore throat, congestion or runny nose, nausea or vomiting, and diarrhea.

More details regarding this isolation and quarantine guidance can be found [here](#). Community members are urged to follow these recommendations as closely as possible. For information about COVID-19 vaccination, testing, and other prevention measures, please visit <https://publichealthsb.org>.

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**Stay Connected:**

County Public Health: [www.PublicHealthSBC.org](http://www.PublicHealthSBC.org), [Twitter](#) and [Facebook](#)

County of Santa Barbara: [www.CountyofSB.org](http://www.CountyofSB.org), [Twitter](#), [Facebook](#)

2-1-1 Call Center: Dial 211 if calling from within the county; or call (800) 400-1572 if calling from outside the area.

# CACHUMA OPERATION & MAINTENANCE BOARD

## BOARD MEMORANDUM

Date:	January 10, 2022
Submitted by:	Joel Degner
Approved by:	Janet Gingras

**SUBJECT:**     **South Coast Conduit (SCC) Rehabilitation Projects / Emergency Repair Work – Construction Contract Change Order**

**RECOMMENDATION:**

The Board review the staff report on the emergency construction work for repair and rehabilitation of various South Coast Conduit infrastructure improvement projects completed in November and December 2021 and approve and authorize the General Manager to execute a change order in the amount of \$36,200 with Cushman Contracting Corporation (CCC) increasing the contract from \$249,560 to \$285,760, and close out the contract.

**SUMMARY:**

The Board approved a contract with Cushman Contracting to complete Schedule (F) Air Vacuum Air Release (AVAR) / Blow-Off (BO) replacement work in October 2020 for Fiscal Year (FY) 2020-21. Included in the contract were additional rehabilitation projects for the replacement of Carpinteria Reservoir stem extensions, the Ortega 24” gate valve replacement, replacement of Summerland County Yard turnout, and emergency and miscellaneous repairs (See Table 1).

**Table 1.** Contract Cost Summary

Item	Description	Cushman Contract	Final Costs	Difference
1	Mobilization	\$10,410	\$10,410	0
2	Air-Vac/ Blowoff Upgrades - 352+07, 874+00, 900+15, 902+96)	\$73,725	\$70,725	-\$3000
3	Blowoff Upgrade (804+24)	\$26,875	\$26,875	0
4	Carpinteria Reservoir Valve #11, #12, #13 Extension Replacement	\$20,240	\$20,240	0
5	Ortega Valve #1 Replacement	\$11,300	0	-\$11,300
6	Summerland Turnout Replacement	\$32,935	\$32,935	0
7	Emergency/Miscellaneous Repairs (T&M)	\$75,000	\$75,000	0
8	<i>Additional Emergency Repairs (T&amp;M)</i>		\$50,500	\$50,500
<b>Total</b>		<b>\$249,560</b>	<b>\$285,760</b>	<b>\$36,200</b>

Items 1, 2, and 3 of the contract were completed in FY 2020-21. A portion of Item 7 funding (\$55k) was utilized to rehabilitate the Goleta West Conduit in April 2021 with the remaining funds (\$20k) used for emergency work on the rehabilitation of items 4 and 6 in FY 2022 (November and December 2021). Items (4, 5, and 6) required shutdowns and were delayed as shutdowns were unable to be scheduled in FY 2020-21. COMB was able to coordinate shutdowns with the affected Member Agency and Cushman Contracting completed items 4 and 6 in November and December 2021. However, unforeseen issues arose during the construction of the work for Item 4 and 6 which required emergency, out of scope repairs to be conducted.

Item 5 shutdown will not be able to be conducted until late Fall/Winter 2022 and will need to be contracted separately in a subsequent contract. The emergency repair work was approved by COMB engineering staff and the General Manager on a T&M (emergency) basis. The approval of daily work reports were executed per the contract and are described in more detail in the following section. Overall, the existing contract value was increased by \$36,200 to cover the additional costs of the new valves and the emergency repair work.

## **BACKGROUND:**

### ***Emergency Replacement of Carpinteria Reservoir Valves***

The stem extensions which operate the valves in the Carpinteria Reservoir were corroded and in need of replacement. The three submerged valves in the reservoir allow Carpinteria Reservoir to be isolated into two separate bays. Normally, Carpinteria Reservoir is drained into Carpinteria Creek during the cleaning process. However, the Bureau of Reclamation is currently in re-consultation with National Marine Fisheries Service on the Cachuma Project and releases into Southern Steelhead critical habitat have been suspended until re-consultation is completed. COMB and CVWD staff were able to collaborate with the adjacent land owner to pump the water that normally is drained into Carpinteria Creek into a 900,000 gallon irrigation reservoir nearby. (Note: the water was owned by CVWD) COMB staff rented two 4" submersible pumps, a generator, and 800 feet of 6" aluminum piping from Rain for Rent to transport the water from Carpinteria Reservoir to the adjacent irrigation reservoir. The water was then put to beneficial use for agricultural purposes. The Carpinteria Reservoir was able to be drained and cleaned during the week of December 6<sup>th</sup> to 10<sup>th</sup>, 2021 with no discharges to Carpinteria Creek.

Once the reservoir was drained, it was found that all three submerged valves were heavily corroded, inoperable, and unable to be repaired. On 12/8, Cushman Contracting Corporation was able to locate three new 24" butterfly valves to replace the old, inoperable valves. COMB staff transported the valves the morning of 12/9 from Riverside, CA and the valves were installed by mid-day on 12/10. The valve installation required the mobilization of additional equipment and construction staff than previously anticipated in the scope of work to replace the stem extensions. The new valves contain low alloy steel actuators that should be replaced with stainless steel actuators during the next reservoir cleaning cycle to prevent issues with corrosion.

### ***Emergency Leak Management and Outlet Flange repair - Summerland County Yard Turnout***

Montecito Water District's (MWD) Summerland County Yard turnout was inactive due to an inoperable meter. The lateral consists of two valves, a meter, and an air vent. All components of the lateral needed to be replaced during a shutdown as the valves could not isolate the meter without excessive leakby. COMB staff planned a short shutdown with the City of Santa Barbara, MWD, and CVWD staff. Cushman Contracting began preliminary excavation of the turnout on Friday, November 12<sup>th</sup>. A leak was encountered on the lateral as the excavation neared the lateral piping (The turnout vaults always contained water historically prior to the project, but it was assumed it was due to a high groundwater table). The leak was attributed to a crack in the pipe and once uncovered was flowing between 20 to 30 gpm. The schedule for the shutdown from Ortega Reservoir to Toro Canyon was accelerated by one day and began on Sunday, November 14<sup>th</sup> by COMB staff. Cushman Contracting was able to excavate out the lateral on Monday, November 15<sup>th</sup>. The original plan was to place a new valve on the outlet flange immediately off of the South Coast Conduit. However, the flange on the conduit was heavily corroded and unable to be used. The steel beneath the flange was mortar coated and in good condition. A much deeper excavation and larger trench shoring box was required to allow a welder access all the way around the outlet nozzle to weld on a new flange. Cushman Contracting prepped the site for welding, set up a pump system to manage the leakby, removed the old flange, welded on a new flange by 7 PM on November 15<sup>th</sup>. With the conduit isolated with a new valve, the South Coast Conduit was able to be refilled, tested, and placed back into service. Cushman Contracting completed the rest of the turnout replacement per the contract.

## **FISCAL IMPACTS:**

The total cost of the contract was increased by \$36,200 from \$249,560 to \$285,760. The current fiscal year operating budget contains funding for the increase in costs due to the emergency repair work.

## SUMMERLAND TURNOUT EMERGENCY REPAIR PHOTOS



Corroded Steel Flange on SCC Outlet



Crack in Original Cast Iron Turnout Piping



Welding a new flange on the South Coast Conduit and installing a new isolation valve for turnout

**CARPINTERIA RESERVOIR EMERGENCY VALVE REPLACEMENT PHOTOS**



Corroded actuator on existing, inoperable valve



Corroded extensions compared to new extensions



Installing new valves



New valves operational