

# AVILA BEACH COMMUNITY SERVICES DISTRICT

Post Office Box 309, Avila Beach, CA. 93424  
Meeting Room and Office – 100 San Luis Street, Avila Beach  
Telephone (805) 595-2664 FAX (805) 595-7623  
E-Mail [avilacsd@gmail.com](mailto:avilacsd@gmail.com)

## **SPECIAL BOARD MEETING** **3:00 PM Tuesday, December 13th, 2022**

**PURSUANT TO THE GOVERNOR'S EXECUTIVE ORDER N-29-20, STAFF AND  
PUBLIC MAY PARTICIPATE IN THIS MEETING VIA TELECONFERENCE AND/OR  
ELECTRONICALLY.**

**ZOOM MEETING: <https://us02web.zoom.us/j/4111787571>**

**Meeting ID: 411 178 7571**

**Password: No Password Required.**

**BY PHONE: 1-669-900-9128**

- 1. CALL TO ORDER: 3:00 P.M.**

### **OATH OF OFFICE FOR NEW BOARD MEMBER JOHN JANOWICZ**

- 2. ROLL CALL: Board Members:**

Pete Kelley, President  
Ara Najarian, Vice President  
Kristin Berry, Director  
Howie Kennett, Director  
John Janowicz, Director

- 3. PUBLIC COMMENT**

Members of the public wishing to comment or bring forward any items concerning District operations **which do not appear on today's agenda** may address the Board now. Please state name and address before addressing the Board and **limit presentations to 3 minutes**. State law does not allow Board action on items not appearing on the agenda.

- 4. INFORMATION AND DISCUSSION ITEMS**

#### County Reports

1. SLO County Sheriff Department
2. CalFire/County Fire Department

Reports on Attended Conferences, Meetings, and General Communications of District Interest

**5. CONSENT ITEMS:**

**These items are approved with one motion.** Directors may briefly discuss any item, or may pull any item, which is then added to the business agenda.

- A. Minutes of November 8<sup>th</sup>, 2022, Board Meeting
- B. Monthly Financial Review for November 2022
- C. General Manager and District Engineer Report
- D. Water and Wastewater Operations Reports for November, 2022

**6. DISCUSSION OF PULLED CONSENT ITEMS**

At this time, items pulled for discussion from the Consent Agenda, if any, will be heard.

**7. BUSINESS ITEMS:** Items where Board action is called for.

- A. Local Fire Code Update, Ordinance No. 2022-01  
(Action Required: Open Public Hearing for first reading of proposed Ordinance No. 2022-01 providing revisions to the District's Fire Code)
- B. Resolution No. 2022-12 Authorizing District staff to continue to Participate in San Luis Obispo County Desalination Executable Solution and Logistics (DESAL) Plan  
(Action Required: Receive Staff and Consider adoption of Resolution No. 2022 -12)

**8. COMMUNICATIONS/ CORESPONDENCE**

At this time, any Director, or Staff, may ask questions for clarification, make any announcements, or report briefly on any activities or suggest items for future agendas.

**9. ADJOURN**

**The next Special Meeting will be held on January 10<sup>th</sup>, 2023 at 3:00pm.**

Any writing or document pertaining to an open session item on this agenda which is distributed to a majority of the Board after the posting of this agenda will be available for public inspection at the time the subject writing or document is distributed. The writing or document will be available for public review in the District Administration Office, 100 San Luis Street, Avila Beach, CA during normal business hours. Consistent with the Americans with Disabilities Act and California Government Code Section 54954.2 requests for disability related modification or accommodation, including auxiliary aids or services may be made by a person with a disability who requires the modification or accommodation in order to participate at the above referenced public meeting by contacting the District at 805-595-2664.

**MINUTES OF REGULAR MEETING**  
**Avila Beach Community Services District**  
**Tuesday, November 8th, 2022**  
**1:00 P.M.**

**ZOOM MEETING: 411 178 7571**

**Meeting ID: <https://us02web.zoom.us/j/4111787571>**

**BY PHONE: 1-669-900-9128**

**1. CALL TO ORDER**

President Kelley called the meeting of the Board of Directors of the Avila Beach Community Services District, to order at 1:03 P.M. on the above date, in the Avila Beach Community Services District Building, 100 San Luis Street, Avila Beach, California.

**2. ROLL CALL**

|                                  |  |
|----------------------------------|--|
| Board Members Present via Zoom:  | None   |
| Board Members Present in Person: | Pete Kelley<br>Kristin Berry<br>Lynn Helenius<br>Ara Najarian<br>Howie Kennett |
| Board Members Absent:            | None   |

|                 |  |
|-----------------|--|
| Staff Present:  | Brad Hagemann, General Manager and District Engineer<br>Kristi Dibbern, Office Manager |
| FRM Operations: | Jeff Cedillos, FRM   |
| Legal Counsel:  | Not Present  |

**3. PUBLIC COMMENTS**

No Public Comment.

**4. INFORMATION AND DISCUSSION ITEMS**

**A. County Reports**

**Sheriff's Report:** Sheriff Stuart MacDonald reported 45 calls for service this month. Seven disturbances, 3 suspicious circumstances, 29 preventive patrol stops and one theft. A mountain lion was spotted along the base of the Bob Jones Trail at dusk near the golf course. Citizens of Avila spotted an armed police officer with a shotgun. The mountain lion left the area before any action was taken.

**Cal Fire:** Battalion Chief Paul Lee reported 45 calls for service this month, 27 were medically related. Grant money is rolling in to assist in the maintenance of trails and clearing from Shell Beach to Avila. Cal Fire has Davis Canyon, Long Canyon, and the second Lighthouse on the calendar for controlled burns at the end of the month, weather permitting. Chief Lee reminded the Board and public to check their smoke detectors. Detectors have a life expectancy of 8 years.

**B. Conferences, Meetings and General Communications.**

GM Hagemann reported the wastewater plant had several security alarms related to the door on the backup generator room. Jeff Cedillos reported that new alarm components were ordered and the security system will be upgraded to a commercial system by Great Western Alarm. This should prevent any future “false” alarms.

**5. CONSENT ITEMS**

Director Helenius made a motion to approve the Consent Items. It was seconded by Director Berry and passed with a roll call vote 5-0.

AYES: Lynn Helenius  
Kristin Berry  
Howie Kennett  
Ara Najarian  
Pete Kelley

NOES: None

ABSENT: None

**6. DISCUSSION OF PULLED CONSENT ITEMS:** None

**7. BUSINESS ITEMS:**

**A. Presentation of the FY 2021-22 Financial Audit**

Johnathan Abadesco from Fedak and Brown, LLC presented the Draft FY 2021 -22 Audit to the Board. Mr. Abadesco reported that their firm reported a “clean” audit, with no reportable actions. He noted that there were no difficulties performing the audit and expressed their appreciation to District staff in assisting with the Audit. The net position of the District increased by \$260,411. The total revenues decreased by \$79,341 and the expenses increased by \$52,339. The Board received the report and accepted the FY 2021-22 Audit “as is” with no changes. The motion was made by Director Najarian It was seconded by Director Helenius and passed with a roll call vote 5-0.

AYES: Ara Najarian  
Lynn Helenius  
Kristin Berry  
Howie Kennett  
Pete Kelley

NOES: None

ABSENT: None

**B. Renew Operation Agreement with Fluid Resource Management for 12 months.**

Staff recommended extending the O & M Services Agreement for another 12 months, with the understanding that once the MBR Unit becomes operational (April 2023) FRM will likely need additional Scope of Work to operate both plants. Once the MBR unit is operational any additional operational staff time will be compensated on a Time and Materials basis. The Board directed staff to plan on updating the Operations and Maintenance Scope of Work and soliciting bids for the Operations work prior to the beginning of the next contract cycle (November 1, 2023).

The motion was made by Director Helenius, seconded by Director Berry and passed with a roll call vote 5-0.

AYES: Lynn Helenius  
Kristin Berry  
Pete Kelley  
Howie Kennett  
Ara Najarian  
Pete Kelley

NOES: None

ABSENT: None

**C. Resolution No. 2022-11 Commending Lynn Helenius for her seven years of service to the Avila Beach CSD Board of Directors.**

Director Helenius was thanked for her years of service to the District and the community of Avila Beach. Mary Matakovich thanked her for always serving the community to the best of her abilities. The motion was made to adopt Resolution 2022-11 by Director Kelley, seconded by Director Berry, and passed with a roll call vote 5-0.

AYES: Pete Kelley  
Kristin Berry  
Howie Kennett  
Ara Najarian  
Lynn Helenius

NOES: None

ABSENT: None

**COMMUNICATIONS/CORRESPONDENCE.**

None

**ADJOURNMENT:** The meeting was adjourned at 2:31 P.M.

The next regular meeting of the Avila Beach Community Services District is scheduled for Tuesday, December 13th, 2022, at 1:00 PM at 100 San Luis Street, Avila Beach.

These minutes are not official nor a permanent part of the records until approved by the Board of Directors at their next meeting.

Respectfully submitted,


Brad Hagemann, PE  
General Manager



**AVILA BEACH**  
**COMMUNITY SERVICES DISTRICT**  
Post Office Box 309, Avila Beach, CA. 93424

**MEMORANDUM**

TO: Board of Directors

FROM: Brad Hagemann, General Manager 

DATE: December 14, 2022

SUBJECT: General Manager/District Engineer Report

**Zone 3 Advisory Committee and State Water Subcontractors Advisory Committee**

The Zone 3 Technical Advisory Committee last met on November 9, 2022. The agenda packet for the November 9<sup>th</sup> meeting is included as an attachment. The Zone 3 Advisory Committee last met on November 17, 2022. The agenda packet for the Advisory Committee meeting is also provided as an attachment. As of this writing, the Lopez reservoir is at 22.0 % of capacity with 10,850 AF in storage. We started the month of November with approximately 11,200 AF in storage. Rain accumulation at the Lake measuring station since July 1, 2022, is 7.8 inches. The early November storm added approximately 2 inches of rain and the early December storm blessed us with another 3 inches of rain. As noted on the attachments, we still anticipate hitting the 10,000 AF storage level shortly after the first of the year. However, if we continue with a relatively wet December, we may be able to hold off dipping below the 10,000 AF storage level.

On the State Water side, staff attended the November 4, 2022, State Water Subcontractors Advisory Committee meeting. The agenda packet for that meeting is provided as an attachment for your information. Let me know if you have any questions.

**Wastewater Treatment Plant Project Status Report**

During the month of November the Fluid Resources Management contracting crew focused on completing the MBR “fit-up” work, which basically includes connecting the various electrical and plumbing systems within the MRR system. Hartzell Construction crews continued with grading and basing the areas that will be paved, installation of the new electrical conduit and preparing the pads for the new electrical switchgear. The major milestones for December include forming and pouring the concrete storm water drainage swale and putting down new asphalt paving for the interior of the WWTP. Delivery of the electrical switchgear components and the back-up generator remain as the critical components for completion of the project. The vendors have advised us that the delivery dates have moved up a few weeks. They expect the equipment to be delivered starting in late January through early February. We are optimistic that the project will be ready for start-up by mid to late March, 2023.

**The ABCSD was featured in the December 2022 issue of Avila Beach Life**

At the request of the Avila Beach Life publishers, I provided an article about the District for their Community Spotlight section. I provided a brief overview of the District’s roles and responsibilities and provided a few photos and an update on the WWTP Improvement Project.

**RWQCB Climate Change Readiness Assessment**

I received the attached letter from the Regional Water Quality Control Board regarding the completion of a Climate Change Readiness Assessment Report. The letter was sent to all the WWTPs in the Central Coast Region that discharge to surface waters. I also attended a presentation sponsored by the RWQCB that discussed their intended purpose and objectives for Assessment Report. Water Board staff requested the report to be completed by mid-December. They noted that completion of the Assessment is not mandatory, but they encouraged dischargers to submit the Assessment as soon as staffing availability allows.

**ZONE 3  
TECHNICAL ADVISORY COMMITTEE  
Wednesday November 9, 2022  
9:00 - 11:00 am**

**Agenda**

Phone line: +1 (646) 749-3122

Access Code: 617-462-197

**OR**

Webinar: <https://global.gotomeeting.com/join/617462197>

|  |               |
|--|---------------|
| <b>1. Announcements</b>  | All           |
| <b>2. General Operations and Water Report</b> <ul style="list-style-type: none"> <li>• Summary Notes – October</li> <li>• Monthly Operations Report – October</li> <li>• Agency Stored Water – October</li> <li>• Lopez Storage Projections – October</li> </ul> | David         |
| <b>3. Current Reservoir Conditions</b>   | Kyle (Verbal) |
| <b>4. Capital Projects Update</b>  | David         |
| <b>5. LRRP</b> <ul style="list-style-type: none"> <li>• 2018 Amendment – Was never adopted</li> </ul>  | David         |
| <b>6. Unplanned Capitol Project Funding</b> <ul style="list-style-type: none"> <li>• Sodium Hypo Tank (Failing), PAX, and Sodium Chlorite</li> <li>• ~\$520,000 to replace all three</li> </ul>  | David         |
| <b>7. Cloud Seeding</b> <ul style="list-style-type: none"> <li>• Validation Study with SB County - DRI was the winning bidder</li> <li>• Should Zone 3 consider joining the study?</li> <li>• 2021 Runoff Increase Estimates</li> </ul>                          | David         |
| <b>8. Future Agenda items?</b> <ul style="list-style-type: none"> <li>• Project Updates</li> <li>• HCP/Instream Studies</li> <li>• Zone 3 Boundary Change</li> </ul>   | All           |

Attachments:

- A. Summary Notes - October
- B. Lopez Monthly Operations Report – October
- C. Agency Stored Water
- D. Lopez Storage Projections Chart – October
- E. Capital Projects Update
- F. 2018 LRRP Amended and Restated
- G. NVIRO Tank Replacement Quote
- H. DRI Proposal
- I. Cloud Seeding Runoff Increase Estimates

***Next Meeting Date: December 14, 2022***



## ZONE 3

### TECHNICAL ADVISORY COMMITTEE

WEDNESDAY October 12, 2022 (9:00-11:00 AM)

Via GotoMeeting

#### SUMMARY NOTES – DRAFT

Attendees via GoTo Meeting: Shane Taylor (Arroyo Grande), Ben Fine (Pismo Beach), Greg Ray (Grover Beach), Will Clemens (OCSD), Brad Hagemann (ABCSD), Jim Garing, John Wallace, Vard Ikeda (SMMWC), David Spiegel (PW Dept), Megan Schotborgh (PW Dept.), Francesca Devlin (PW Dept)

#### 1. Announcements

- **Contract Changes**
  - Will announces that Oceano has approved its Zone 3 contract; Pismo Beach, Arroyo Grande have also been approved; Greg states Grover Beach contract went to Council.
- **Central Coast Blue**
  - Ben announces that Central Coast Blue is now an entity in and of itself; Arroyo Grande, Grover Beach, and Pismo Beach have all adopted the JPA.
- **City of Pismo Beach & LRDM Lawsuit**
  - Lawsuit was settled; Pismo Beach now has the full 1,240 AF of State Water back in their possession.

#### 2. General Operations and Water Supply Report

- David Spiegel reviewed the Monthly Operations Report.
  - Greg states Grover Beach received 20% reduction in contract deliveries and using Surplus/Carry-Forward water; states that with the 20% reduction mandate, Grover Beach is getting about 5%. Greg states that there aren't any other options, aside from using ground water, but doesn't believe it's the best decision to preserve ground-water health.
  - David states that once in the LRRP and 20% reductions are made, it's on each agency to make the changes within their jurisdictions to accommodate it; the LRRP doesn't prohibit Carry-Forward usage, but to extend the life of the reservoir as stated in the LRRP, the only way to do so is not using Carry-Forward water.
    - David believes the County has never come to a point of needing to shut off a turn out to an agency once all entitlement and carry-forward is used, and therefore force ground-water pumping. However, David could do so under the LRRP.
  - John has inquired about a long-range plan or joint JPA for if/when the reservoir crashes, and what steps will be taken to supply water to everyone once we're approaching minimum pull.
  - Jim provides background; the philosophy in Zone 3, was that because Lake Lopez was seen as a wasting asset, the thought was always to use Lopez water first, and then resort to ground water if necessary.
- David Spiegel reviewed the Lopez Storage Projections.
  - The 10,000 AF trigger point was pushed about approximately 8-10 days due to early October rainfall, which resulted in just enough rain for the soil to absorb all of it.

#### 3. Current Reservoir Conditions

- David Spiegel reported the Elevation = 459.28 ft, Storage = 11,524 AF @ 23% Capacity, rainfall to date since July 1, 2022 is 2.62 in, WTP at 2.6 MGD, SWP at 1.9 MGD, Downstream Releases = 1.9 MGD.

#### 4. Capital Projects Updates

- **Tesla Battery Storage (No Change)**
  - Doing Startup testing to be prepared for PGE approval of plan to operate (PTO)
  - Budget – Free
- **Spillway Assessment and Investigation (No Change)**
  - Consultant is preparing response to DSOD workplan comments. Draft response expected by 9/16/22.
  - Remainder of project ~ minimum of \$300,000
- **Geotechnical Testing & Seismic Alternatives Study of Terminal Reservoir Dam**
  - DSOD completed workplan review process.
  - Final workplan under GEI review.
  - Budget ~\$500,000
- **Lopez WTP Safety Upgrades (No Change)**
  - Staff are looking into additional consultants to do a lifeline system within the membrane building.
  - Multiple consultants have reviewed the project, but none have quoted the project.
  - Budget ~\$53,000
- **Cathodic Protection Repair Project (No Change)**
  - Preparing BID documents
  - Submitted encroachment permit applications
  - Obtained authorization from the Board of Supervisors to advertise the project
  - Plan to advertise the project by the end of October.
  - Need Additional \$160,000 this fiscal year
  - Budget ~\$449,933
- **Equipment Storage Building**
  - Bids came in significantly over budget. Installing an equipment storage building is currently infeasible.
  - Budget ~\$90,000
- **CO2 Injection System (No Change)**
  - Construction plans at 100%, going out to bid in the next few weeks
  - Budget ~\$256,000
- **Sludge Bed Curtain Wall Rehabilitation (No Change)**
  - ~\$50,000 per initial quote
- **Chlorine Dioxide Bulk Storage Tank**
  - PO issued for equipment
  - Tank delivery between 09/30/22 – 10/14/22
  - Budget ~\$47,308.51

#### 5. Downstream Releases

- Downstream releases are currently set at 1.9 MGD, which is the minimum flow we are “loosely” required to release; in the event we hit 10,000 AF trigger point, we will have already released the 1,020 AF for this year, per the LRRP. At this point in the year, we have released 1,100.81 AF down the creek. David believes that per Environmental groups involved, valves at the base of the dam cannot be shut off to stop downstream releases, as this could bring about lawsuits.

- The approach moving forward would be to prorate the remaining of the water year for the downstream release.
- Under the LRRP, once 10,000 AF is met in the reservoir, this amounts to approximately 85-90 AF each month. Once the 10,000 AF trigger is met, we could potentially reduce to 90 AF each month for the remainder of the water year and avoid retroactively going to the beginning of the water year and shutting valves off.
- Jim states that in-flow most likely still needs to be released, per original water permits, as it is believed you cannot go below in-flow at anytime during the year.

## **6. Board Items for 10/18/2022**

- **State Water**

- Pertains to 1,000 AF water exchange with CCWA for emergency water; has proposed guidelines regarding how we would vet who needs water and how much.

- **Cloud Seeding**

- Presuming the Board of Supervisor's approves the contract with Santa Barbara County, the program would begin December 1, and cloud seeding events can take place after December 1. Aerial and ground-based seeding were locked in for this year, and each subsequent year will be planned and seeded accordingly.

## **7. Future Agenda Items**

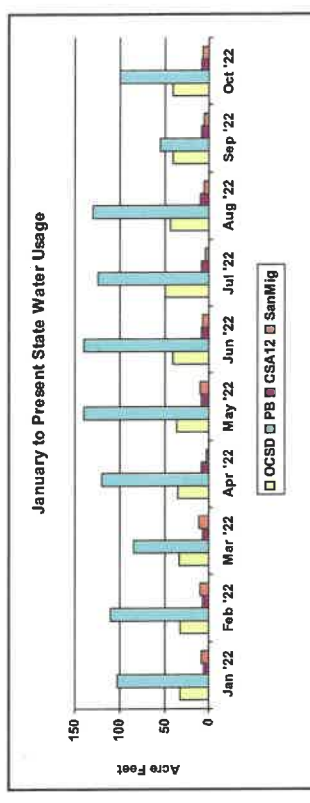
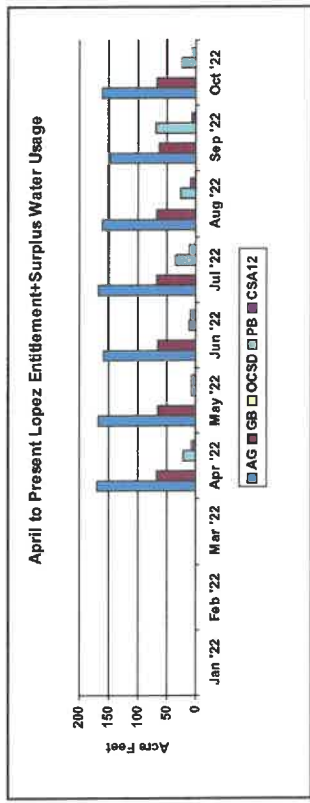
- Now that contracts are in place, Will would like to request an Agency Initiated Exchange; this would entail opening SWP deliveries and providing it to non-SWP entities, and each agency's delivered water would go into Lopez Storage.
  - David states that if agencies are delivering SWP elsewhere, it needs to be tracked and ensure water is put into storage accounts appropriately.

**Next Meeting November 9, 2022**

# San Luis Obispo County Flood Control and Water District Zone 3 - Lopez Project - Monthly Operations Report October, 2022

| Contractor    | Lopez Water Deliveries |                                  |                   |                         |                  |             |             |                |              |             |                |              |
|---------------|------------------------|----------------------------------|-------------------|-------------------------|------------------|-------------|-------------|----------------|--------------|-------------|----------------|--------------|
|               | Entl.                  | This Month                       |                   |                         | April to Present |             |             | Total          |              |             |                |              |
|               |                        | Surplus Water Requested Declared | Surplus Requested | Surplus Available Water | Usage            | Entitlement | Surplus     | Usage          | Entitlement  | Surplus     | Usage          |              |
| Arroyo Grande | 1832                   | 742.00                           | 742.00            | 2574                    | 160.53           | 8.8%        | 0.0%        | 1133.95        | 61.9%        | 0.0%        | 1133.95        | 44.1%        |
| Oceano CSD    | 242.4                  | 375.00                           | 375.00            | 617                     | 0.00             | 0.0%        | 0.0%        | 0.00           | 0.0%         | 0.00        | 0.00           | 0.0%         |
| Grover Beach  | 640                    | 204.00                           | 204.00            | 844                     | 66.87            | 10.4%       | 0.0%        | 460.26         | 71.9%        | 0.0%        | 460.26         | 54.5%        |
| Pismo Beach   | 713.6                  | 1048.00                          | 1048.00           | 1762                    | 23.82            | 3.3%        | 0.0%        | 193.28         | 27.1%        | 0.0%        | 193.28         | 11.0%        |
| CSA 12        | 196                    | 230.00                           | 230.00            | 426                     | 6.18             | 3.2%        | 0.0%        | 52.49          | 26.8%        | 0.0%        | 52.49          | 12.3%        |
| San Miguelito |                        |                                  |                   |                         |                  |             |             |                |              |             |                |              |
| <b>Total</b>  | <b>3624</b>            | <b>2599.00</b>                   | <b>2599.00</b>    | <b>6223</b>             | <b>257.40</b>    | <b>7.1%</b> | <b>0.0%</b> | <b>1839.98</b> | <b>50.8%</b> | <b>0.0%</b> | <b>1839.98</b> | <b>29.6%</b> |

| Contractor    | State Water Deliveries |               |                     |                |                    |       |                     |                |              |                     |                |
|---------------|------------------------|---------------|---------------------|----------------|--------------------|-------|---------------------|----------------|--------------|---------------------|----------------|
|               | Annual Request         | This Month    |                     |                | January to Present |       |                     | Total          |              |                     |                |
|               |                        | Usage         | % of Annual Request | SWP Deliveries | Change in Storage  | Usage | % of Annual Request | SWP Deliveries | Usage        | % of Annual Request | SWP Deliveries |
| Arroyo Grande | 750                    | 41.14         | 5.5%                |                | 390.66             | 52.1% |                     | 1108.91        | 89.4%        |                     | 160.53         |
| Oceano CSD    | 1240                   | 100.00        | 8.1%                |                |                    |       |                     | 80.33          | 83.7%        |                     | 41.14          |
| Grover Beach  | 96                     | 8.50          | 8.9%                |                |                    |       |                     | 71.92          | 59.9%        |                     | 66.87          |
| Pismo Beach   | 120                    | 7.72          | 6.4%                |                |                    |       |                     | 1651.82        | 74.9%        |                     | 123.82         |
| CSA 12        | 2206                   | 157.36        | 7.1%                | 0              | -157.36            |       |                     | 71.92          | 59.9%        |                     | 14.68          |
| San Miguelito |                        |               |                     |                |                    |       |                     |                |              |                     | 7.72           |
| <b>Total</b>  | <b>2206</b>            | <b>157.36</b> | <b>7.1%</b>         | <b>0</b>       | <b>-157.36</b>     |       |                     | <b>1651.82</b> | <b>74.9%</b> | <b>1737.00</b>      | <b>414.76</b>  |



Note: Deliveries are in acre-feet. One acre foot = 325, 850 gallons or 43, 560 cubic feet. Safe yield is 8,730 acre-ft

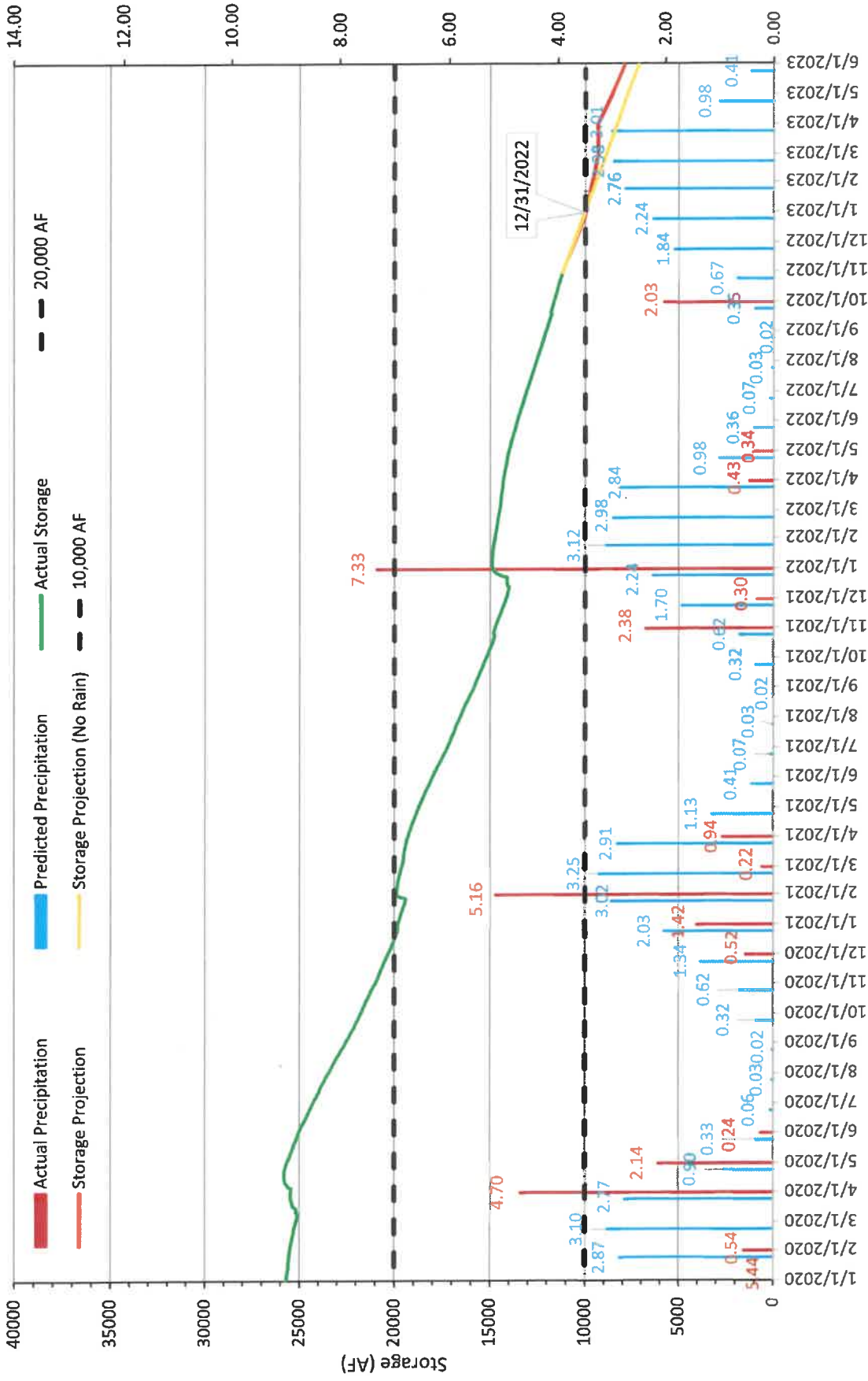
"Year to Date" is January to present for State water, April to present for Lopez deliveries, and July to present for rainfall.

| Lopez Dam Operations                     | This Month | Year to Date |
|--|------------|--------------|
| Lake Elevation (full at 522.37 feet)     | 458.39     |              |
| Storage (full at 49200 acre feet)        | 11213      |              |
| Rainfall                                 | 0          | 2.62         |
| Downstream Release (4200 acre feet/year) | 187.2      | 1288.01      |
| Spillage (acre feet)                     | 0          | 0.00         |

Comments:  
 1) Oceano supplied water to Canyon Crest via Arroyo Grande's Edna turn out. A total of 1.77 AF delivered to Canyon Crest. was added to Oceano's water usage this month and 1.77 AF was subtracted from Arroyo Grande's usage this month.  
 2) Lopez Water Deliveries are now operated under the Low Reservoir Response Plan (LRRP). On July 21, 2022 AC endorsed a 20% entitlement reduction (retroactive to April 2022) in anticipation of reaching the 10,000 AF trigger of the LRRP. Entitlements shown represent a 20% reduction.  
 3) Surplus water shown is actually "Carry Over" water as designated in the LRRP.  
 4) On April 2022, the County presented the Stored State Water minus evaporation losses dating back to the January 1, 2015 water recharacterization. On December 31, 2021 the calculated Stored State Water minus evaporation losses was 659.82 AF. Evaporation losses will be presented annually.

| Stored Surplus Water Amounts [AF] |   |                                      |                                      |
|-----------------------------------|---|--------------------------------------|--------------------------------------|
|                                   | Surplus Available<br>Water Year 2021-2022 | Surplus Used<br>Water Year 2021-2022 | Stored Water<br>Water Year 2022-2023 |
| Arroyo Grande                     | 807                                       | 32.4                                 | 774.6                                |
| Oceano CSD                        | 107                                       | 0.0                                  | 107.0                                |
| Grover Beach                      | 282                                       | 69.0                                 | 213.0                                |
| Pismo Beach                       | 314                                       | 0.0                                  | 314.0                                |
| CSA-12                            | 86  | 0.0                                  | 86.0                                 |
| San Miguelito                     | 0   | 0.0                                  | 0.0                                  |

# LOPEZ RESERVOIR STORAGE PROJECTION



Date

**Notes:**  
 Reservoir Storage = Current Storage + Inflow - Outflow  
 Outflow = Agency Usage + Downstream Releases  
 Agency Usage: is based on 2010-2021 average monthly deliveries  
 Predicted Inflow: is dependent on the predicted rainfall obtained from longrangeweather.com  
 Inflow is affected by antecedent soil conditions and factored into the model. Rainstorms will produce less inflow during the dry months than during the rainy season when the soil is saturated.  
 The Storage Projection Model is based on a polynomial regression (concave in shape). The (concave) Storage Projection Graph will fall below the (linear) Storage Projection with No Rain Graph during months of low predicted rainfall.



## ZONE 3 Lopez Project

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San Luis Obispo County Flood Control and Water Conservation District

**TO:** Zone 3 Technical Advisory Committee

**FROM:** David Spiegel, PE

**DATE:** November 9, 2022

**SUBJECT:** Zone 3 Projects Update

### Project Updates:

- Tesla Battery Storage (No Change)
  - Doing Startup testing to be prepared for PGE approval of plan to operate (PTO)
  - Budget – Free
- Spillway Assessment and Investigation (No Change)
  - Consultant is preparing response to DSOD workplan comments. Draft response expected by 9/16/22.
  - Remainder of project ~ minimum of \$300,000
- Geotechnical Testing & Seismic Alternatives Study of Terminal Reservoir Dam (No Change)
  - DSOD completed workplan review process.
  - Final workplan under GEI review.
  - Budget ~\$500,000
- Lopez WTP Safety Upgrades (No Change)
  - Staff are looking into additional consultants to do a lifeline system within the membrane building.
  - Multiple consultants have reviewed the project, but none have quoted the project.
  - Budget ~\$53,000
- Cathodic Protection Repair Project
  - Preparing BID documents
  - Submitted encroachment permit applications
  - Obtained authorization from the Board of Supervisors to advertise the project
  - Plan to advertise the project by the end of October.
  - Need Additional \$160,000 this fiscal year
  - Budget ~\$449,933
- Equipment Storage Building (To Be Cancelled)
  - Bids came in significantly over budget. Installing an equipment storage building is currently infeasible.



## ZONE 3 Lopez Project

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San Luis Obispo County Flood Control and Water Conservation District

- Budget ~\$90,000
- CO2 Injection System (No Change)
  - Construction plans at 100%, going out to bid in the next few weeks
  - Budget ~\$256,000
- Sludge Bed Curtain Wall Rehabilitation (No Change)
  - ~\$50,000 per initial quote
- Chloride Dioxide Bulk Storage Tank (No Change)
  - PO issued for equipment
  - Tank delivery between 9/30/22 – 10/14/22
  - Budget ~\$47,309.51

### **Completed Projects**

- Lopez Water Treatment Plant Rack 1 Membrane Replacement





## ZONE 3 ADVISORY COMMITTEE

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San Luis Obispo County Flood Control and Water Conservation District

### AGENDA

Thursday, November 17, 2022 6:30 P.M.

City of Arroyo Grande Council Chambers

300 East Branch Street, Arroyo Grande, California 93420

**Phone line:** +1 (872) 240-3412

**Access Code:** 931-623-109

**OR**

**Webinar:** <https://global.gotomeeting.com/join/931623109>

- I. CALL TO ORDER AND ROLL CALL
- II. PUBLIC COMMENT  
This is an opportunity for members of the public to address the Committee on items that are not on the Agenda
- III. APPROVAL OF MEETING MINUTES
  - A. August 11, 2022 Special Meeting – [Attachment 1](#)
- IV. APPROVAL OF 2023 MEETING SCHEDULE – [Attachment 2](#)
- V. OPERATIONS REPORT
  - A. Water Plant Operations, Reservoir Storage, Downstream Releases - [Verbal Update](#)
  - B. Projected Reservoir Levels – [Attachment 3](#)
  - C. September & October Monthly Operations Report – [Attachment 4](#)
- VI. INFORMATION ITEMS
  - A. 1st Quarter Budget Status – [Attachment 5](#)
  - B. Cloud Seeding Update – [Verbal Update](#)
- VII. CAPITAL PROJECTS UPDATE
  - A. Bi-Monthly Update – [Attachment 6](#)
- VIII. ACTION ITEMS (No Subsequent Board of Supervisors Action Required)
- IX. ACTION ITEMS (Board of Supervisors Action is Subsequently Required)
  - A. Endorse Budget Adjustment to Fund Tank Replacement Project – [Attachment 7](#)
- X. FUTURE AGENDA ITEMS
- XI. COMMITTEE MEMBER COMMENTS

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Next Regular Meeting is Tentatively Scheduled for  
January 19, 2023 at 6:30 PM at City of Grover Beach Council Chambers  
Agendas accessible online at [www.slocounty.ca.gov/pw/zone3](http://www.slocounty.ca.gov/pw/zone3)

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**SAN LUIS OBISPO COUNTY FLOOD CONTROL  
AND WATER CONSERVATION DISTRICT  
ZONE 3 ADVISORY COMMITTEE  
DRAFT MEETING MINUTES  
THURSDAY August 11, 2022**

**I. Call to Order and Roll Call** – The Zone 3 Advisory Committee Meeting was called to order at 6:32 PM at the City of Grover Beach by Daniel Rushing. County Public Works Utilities Division Engineer and Secretary to the Advisory Committee, Jill Ogren, called roll. Quorum was present. Members in attendance were:

- Marcia Guthrie, City of Pismo Beach
- Shirley Gibson, Oceano Community Services District
- Daniel Rushing, City of Grover Beach
- Brad Hagemann, Community Services District 12
- Ron Reilly, Member at Large
- Vard Ikeda, Agriculture Member

**II. Public Comment** – This is an opportunity for members of the public to address the Committee on items that are not on the Agenda. No public comment.

**III. Information Items**

**A. Sample Resolution for Virtual Meetings** – Jill Ogren provided a sample resolution for virtual meetings.

**IV. Action Items (No Subsequent Board of Supervisors Action Required)**

**A.** Motion to approve virtual meetings – *Member Gibson motions approval to pursue virtual meetings when possible, while utilizing resolutions in place, and Member Reilly seconded.* Jill Ogren called roll. *Motion passed.*

**V. Action Items (No Subsequent Board of Supervisors Action Required)**

**A.** Endorse execution of Amended and Restated Water Supply Contracts – *Member Guthrie motions to endorse the execution of Amended and Restated Water Supply Contracts between the San Luis Obispo County Flood and Water Conservation District and the Zone 3 Contractors, and adoption of the associated Negative Declaration Member Hagemann seconded.* Jill Ogren called roll. *Motion passed.*

**VI. Action Items (Board of Supervisors Action is Subsequently Required)**

**XI. Committee Member Comments**

**Meeting Adjourned at 7:00 PM**

Respectfully Submitted,

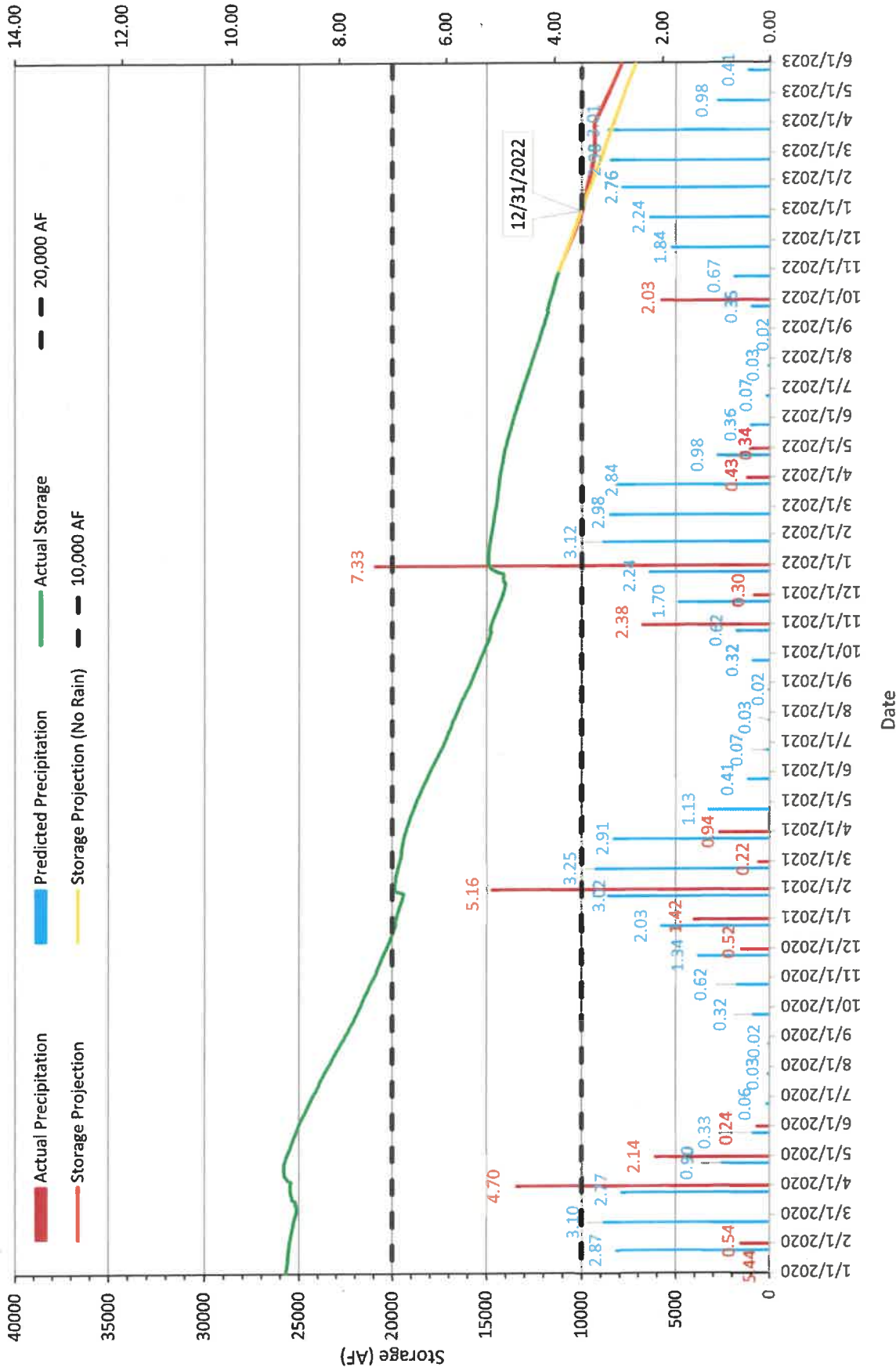
Amber Cordova  
County of San Luis Obispo Department of Public Works



**ZONE 3 - LOPEZ PROJECT**  
**ADVISORY AND TECHNICAL ADVISORY COMMITTEES**  
**2023 MEETING SCHEDULE**

| <b>Date</b>  | <b>Group</b>                       | <b>Location</b>                               | <b>Purpose</b>   |
|--------------|------------------------------------|---|--|
| Jan 11, 2023 | Technical Advisory Committee (TAC) | GoToMeeting, 9:00 AM                          | Discuss proposed FY 23/24 budget   |
| Jan 19, 2023 | Advisory Committee                 | Grover Beach, 6:30 PM<br>154 S. Eighth Street | Distribute proposed FY 23/24 budget  |
| Feb 8, 2023  | TAC                                | GoToMeeting, 9:00 AM                          | Distribute proposed FY 23/24 budget  |
| Mar 8, 2023  | TAC                                | GoToMeeting, 9:00 AM                          | Budget discussion/recommendation; present estimated surplus water quantity available in 23/24  |
| Mar 16, 2023 | Advisory Committee                 | Arroyo Grande, 6:30 PM<br>215 E. Branch St    | Present 2 <sup>nd</sup> quarter budget status; present proposed FY23/24 budget; endorse FY23/24 budget; present estimated surplus water quantity available in WY 23/24 |
| Apr 12, 2023 | TAC                                | GoToMeeting, 9:00 AM                          | Present actual surplus water quantity available in WY 23/24  |
| May 10, 2023 | TAC                                | GoToMeeting, 9:00 AM                          |  |
| May 18, 2023 | Advisory Committee                 | Pismo Beach, 6:30 PM                          | 3 <sup>rd</sup> Quarter Budget Status  |
| Jun 14, 2023 | TAC                                | GoToMeeting, 9:00 AM                          |  |
| Jul 12, 2023 | TAC                                | GoToMeeting, 9:00 AM                          |  |
| Jul 20, 2023 | Advisory Committee                 | Oceano CSD, 6:30 PM<br>1655 Front Street      | Officer Rotations  |
| Aug 9, 2023  | TAC                                | GoToMeeting, 9:00 AM                          |  |
| Sep 13, 2023 | TAC                                | GoToMeeting, 9:00 AM                          | Request Water Delivery Schedule - due Oct 1  |
| Sep 21, 2023 | Advisory Committee                 | Grover Beach, 6:30 PM<br>154 S. Eighth Street | 4 <sup>th</sup> Quarter Budget Status;   |
| Oct 11, 2023 | TAC                                | GoToMeeting, 9:00 AM                          |  |
| Nov 8, 2023  | TAC                                | GoToMeeting, 9:00 AM                          | Discuss proposed Capital Improvement Projects for next FY  |
| Nov 16, 2023 | Advisory Committee                 | Arroyo Grande, 6:30 PM<br>215 E. Branch St    | 1 <sup>st</sup> Quarter Budget Status; Set next year's meeting dates   |
| Dec 13, 2023 | TAC                                | GoToMeeting, 9:00 AM                          | Distribute Water Delivery Schedule by Jan 1  |

# LOPEZ RESERVOIR STORAGE PROJECTION



**Notes:**

Reservoir Storage = Current Storage + Inflow - Outflow

Outflow = Agency Usage + Downstream Releases

Agency Usage: is based on 2010-2021 average monthly deliveries

Predicted Inflow: is dependent on the predicted rainfall obtained from longrangeweather.com

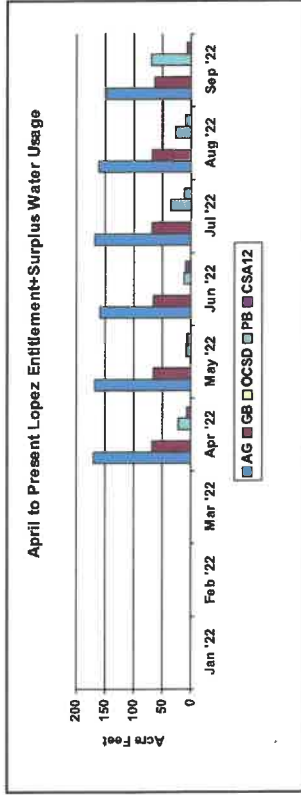
Inflow is affected by antecedent soil conditions and factored into the model. Rainstorms will produce less inflow during the dry months than during the rainy season when the soil is saturated.

The Storage Projection Model is based on a polynomial regression (concave in shape). The Storage Projection Graph will fall below the Storage Projection with No Rain Graph during months of low predicted rainfall.



## San Luis Obispo County Flood Control and Water District Zone 3 - Lopez Project - Monthly Operations Report September, 2022

| Contractor    | Lopez Water Deliveries |                        |                   |                       |               |             |             |             |                |              | State Water Deliveries |             |                |              |             |             |                |               |                     |                   |                |                     |              |                     |                                   |
|---------------|------------------------|------------------------|-------------------|-----------------------|---------------|-------------|-------------|-------------|----------------|--------------|------------------------|-------------|----------------|--------------|-------------|-------------|----------------|---------------|---------------------|-------------------|----------------|---------------------|--------------|---------------------|-----------------------------------|
|               | April to Present       |                        |                   |                       |               | This Month  |             |             |                |              | January to Present     |             |                |              |             | This Month  |                |               |                     |                   |                |                     |              |                     |                                   |
|               | Emtl.                  | Surplus Water Declared | Surplus Requested | Total Available Water | Entitlement   | Surplus     | Usage       | %           | Usage          | %            | Entitlement            | Surplus     | Usage          | %            | Usage       | %           | Annual Request | Usage         | % of Annual Request | Change in Storage | SWP Deliveries | % of Annual Request | Usage        | % of Annual Request | Total Water Deliveries This Month |
| Arroyo Grande | 1832                   | 742.00                 | 742.00            | 2574                  | 148.62        | 8.1%        | 0.00        | 0.0%        | 0.00           | 0.0%         | 973.42                 | 53.1%       | 0.00           | 0.0%         | 0.00        | 0.0%        | 750            | 41.74         | 5.6%                | 349.52            | 46.6%          | 349.52              | 46.6%        | 41.74               |                                   |
| Oceano CSD    | 242.4                  | 375.00                 | 375.00            | 617                   | 0.00          | 0.0%        | 0.00        | 0.0%        | 0.00           | 0.0%         | 0.00                   | 0.0%        | 0.00           | 0.0%         | 0.00        | 0.0%        | 1240           | 55.00         | 4.4%                | 1008.91           | 81.4%          | 1008.91             | 81.4%        | 62.53               |                                   |
| Grover Beach  | 640                    | 204.00                 | 204.00            | 844                   | 62.53         | 9.8%        | 0.00        | 0.0%        | 393.39         | 61.5%        | 0.00                   | 0.0%        | 393.39         | 61.5%        | 0.00        | 0.0%        | 96             | 71.83         | 74.8%               | 71.83             | 74.8%          | 71.83               | 74.8%        | 14.98               |                                   |
| Pismo Beach   | 713.6                  | 1048.00                | 1048.00           | 1762                  | 70.50         | 9.9%        | 0.00        | 0.0%        | 169.46         | 23.7%        | 0.00                   | 0.0%        | 169.46         | 23.7%        | 0.00        | 0.0%        | 120            | 8.50          | 8.9%                | 64.20             | 53.5%          | 64.20               | 53.5%        | 5.68                |                                   |
| CSA 12        | 196                    | 230.00                 | 230.00            | 426                   | 6.48          | 3.3%        | 0.00        | 0.0%        | 46.31          | 23.6%        | 0.00                   | 0.0%        | 46.31          | 23.6%        | 0.00        | 0.0%        | 2206           | 110.92        | 5.0%                | 1494.46           | 67.7%          | 1494.46             | 67.7%        | 399.05              |                                   |
| San Miguelito |                        |                        |                   |                       |               |             |             |             |                |              |                        |             |                |              |             |             |                |               |                     |                   |                |                     |              |                     |                                   |
| <b>Total</b>  | <b>3624</b>            | <b>2599.00</b>         | <b>2599.00</b>    | <b>6223</b>           | <b>288.13</b> | <b>8.0%</b> | <b>0.00</b> | <b>0.0%</b> | <b>1582.58</b> | <b>43.7%</b> | <b>0.00</b>            | <b>0.0%</b> | <b>1582.58</b> | <b>25.4%</b> | <b>0.00</b> | <b>0.0%</b> | <b>2206</b>    | <b>110.92</b> | <b>5.0%</b>         | <b>144</b>        | <b>33.08</b>   | <b>1494.46</b>      | <b>67.7%</b> | <b>1737.00</b>      |                                   |
|               |                        |                        |                   |                       |               |             |             |             |                |              |                        |             |                |              |             |             |                |               |                     |                   |                |                     |              |                     | <b>3902.36</b>                    |
|               |                        |                        |                   |                       |               |             |             |             |                |              |                        |             |                |              |             |             |                |               |                     |                   |                |                     |              |                     |                                   |

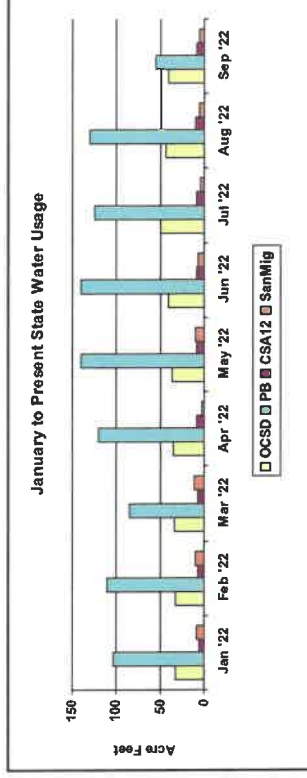


Note: Deliveries are in acre-feet. One acre foot = 325, 850 gallons or 43, 560 cubic feet. Safe yield is 8,730 acre-ft

| Lopez Dam Operations                     | This Month | Year to Date |
|--|------------|--------------|
| Lake Elevation (full at 522.37 feet)     | 459.8      |              |
| Storage (full at 49200 acre feet)        | 11686      |              |
| Rainfall                                 | 2.62       | 2.62         |
| Downstream Release (4200 acre feet/year) | 185.36     | 1100.81      |
| Spillage (acre feet)                     | 0          | 0.00         |

**Comments:**

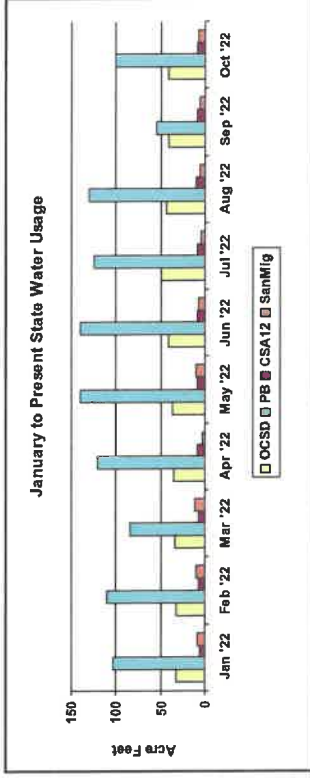
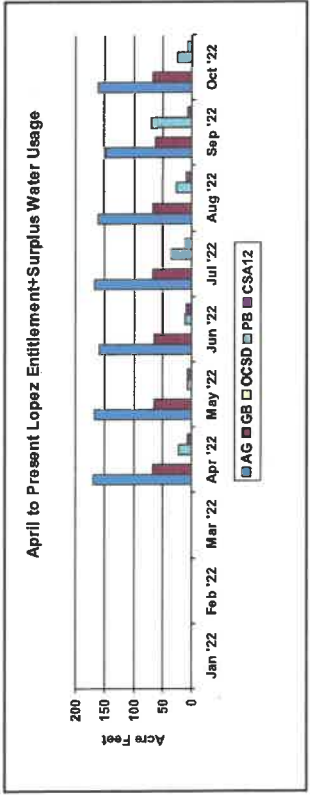
- Oceano supplied water to Canyon Crest via Arroyo Grande's Edna turn out. A total of 1.71 AF delivered to Canyon Crest was added to Oceano's water usage this month and 1.71 AF was subtracted from Arroyo Grande's usage this month.
- Lopez Water Deliveries are now operated under the Low Reservoir Response Plan (LRRP). On July 21, 2022 AC endorsed a 20% entitlement reduction (retrospective to April 2022) in anticipation of reaching the 10,000 AF trigger of the LRRP. Entitlements shown represent a 20% reduction.
- Surplus water shown is actually "Carry Over" water as designated in the LRRP.
- On April 2022, the County presented the Stored State Water minus evaporation losses dating back to the January 1, 2015 water recharacterization. On December 31, 2021 the calculated Stored State Water minus evaporation losses was 659.82 AF. Evaporation losses will be presented annually.



"Year to Date" is January to present for State water, April to present for Lopez deliveries, and July to present for rainfall.

# San Luis Obispo County Flood Control and Water District Zone 3 - Lopez Project - Monthly Operations Report October, 2022

| Contractor           | Lopez Water Deliveries |                        |                   |                       |                   |               |               |                    |                |              | State Water Deliveries               |               |                     |                    |                   |              |                     |                |
|----------------------|------------------------|------------------------|-------------------|-----------------------|-------------------|---------------|---------------|--------------------|----------------|--------------|--------------------------------------|---------------|---------------------|--------------------|-------------------|--------------|---------------------|----------------|
|                      | April to Present       |                        |                   |                       | This Month        |               |               | January to Present |                |              | This Month                           |               |                     | January to Present |                   |              |                     |                |
|                      | Entl.                  | Surplus Water Declared | Surplus Requested | Total Available Water | Entitlement Usage | Entitlement % | Surplus Usage | Surplus %          | Total Usage    | Total %      | Annual Request                       | Usage         | % of Annual Request | SWP Deliveries     | Change in Storage | Usage        | % of Annual Request | SWP Deliveries |
| Arroyo Grande        | 1832                   | 742.00                 | 742.00            | 2574                  | 160.53            | 8.8%          | 0.00          | 0.0%               | 1133.95        | 44.1%        | 750                                  | 41.14         | 5.5%                |                    | 390.66            | 52.1%        |                     | 160.53         |
| Oceano CSD           | 242.4                  | 375.00                 | 375.00            | 617                   | 0.00              | 0.0%          | 0.00          | 0.0%               | 0.00           | 0.0%         | 1240                                 | 100.00        | 8.1%                |                    | 1108.91           | 89.4%        |                     | 41.14          |
| Grover Beach         | 640                    | 204.00                 | 204.00            | 844                   | 66.87             | 10.4%         | 0.00          | 0.0%               | 460.26         | 54.5%        | 96                                   | 80.33         | 83.7%               |                    |                   |              |                     | 66.87          |
| Pismo Beach          | 713.6                  | 1048.00                | 1048.00           | 1762                  | 23.82             | 3.3%          | 0.00          | 0.0%               | 193.28         | 11.0%        | 120                                  | 7.72          | 6.4%                |                    | 71.92             | 59.9%        |                     | 123.82         |
| CSA 12               | 196                    | 230.00                 | 230.00            | 426                   | 6.18              | 3.2%          | 0.00          | 0.0%               | 52.49          | 12.3%        | 2206                                 | 157.36        | 7.1%                | 183                | 25.64             | 74.9%        | 1920.00             | 7.72           |
| <b>San Miguelito</b> | <b>3624</b>            | <b>2599.00</b>         | <b>2599.00</b>    | <b>6223</b>           | <b>257.40</b>     | <b>7.1%</b>   | <b>0.00</b>   | <b>0.0%</b>        | <b>1839.98</b> | <b>29.6%</b> | <b>Last Month Stored State Water</b> | <b>157.36</b> | <b>7.1%</b>         | <b>183</b>         | <b>25.64</b>      | <b>74.9%</b> | <b>1920.00</b>      | <b>414.76</b>  |
| <b>Total</b>         |                        |                        |                   |                       |                   |               |               |                    |                |              | <b>This Month Stored State Water</b> | <b>902.36</b> |                     |                    |                   |              | <b>928.00</b>       |                |



Note: Deliveries are in acre-feet. One acre foot = 325, 850 gallons or 43, 560 cubic feet. Safe yield is 8,750 acre-ft

| Lopez Dam Operations                     | This Month | Year to Date |
|--|------------|--------------|
| Lake Elevation (full at 522.37 feet)     | 458.39     | -63.98       |
| Storage (full at 49200 acre feet)        | 11213      | 22.8%        |
| Rainfall                                 | 0          | 2.62         |
| Downstream Release (4200 acre feet/year) | 187.2      | 1288.01      |
| Spillage (acre feet)                     | 0          | 0.00         |

"Year to Date" is January to present for State water, April to present for Lopez deliveries, and July to present for rainfall.

**Comments:**

- Oceano supplied water to Canyon Crest via Arroyo Grande's Edna turn out. A total of 1.77 AF delivered to Canyon Crest was added to Oceano's water usage this month and 1.77 AF was subtracted from Arroyo Grande's usage this month.
- Lopez Water Deliveries are now operated under the Low Reservoir Response Plan (LRRP). On July 21, 2022 AC endorsed a 20% entitlement reduction (retroactive to April 2022) in anticipation of reaching the 10,000 AF trigger of the LRRP. Entitlements shown represent a 20% reduction.
- Surplus water shown is actually "Carry Over" water as designated in the LRRP.
- On April 2022, the County presented the Stored State Water minus evaporation losses dating back to the January 1, 2015 water recharacterization. On December 31, 2021 the calculated Stored State Water minus evaporation losses was 659.82 AF. Evaporation losses will be presented annually.



**COUNTY OF SAN LUIS OBISPO**  
**Department of Public Works**  
 John Diodati, *Director*

**November 17, 2022**

**MEMORANDUM**

**TO:** Flood Control Zone 3 Advisory Committee  
**FROM:** Megan Schotborgh, Accountant  
**SUBJECT:** Flood Control Zone 3, First Quarter Budget Status, Fiscal Year 2022-23

**Recommendation**

The item to be received and filed.

**Summary**

Attached please find a comparison of the budget to actual expenses for the first quarter of fiscal year 2022-23. The \$7.7M budget is broken into three categories: Routine Operations & Maintenance, Non-Routine Operations & Maintenance, and Capital Outlay. At the end of the first quarter, 11% of the total annual budget has been expended.

| Total Budget | Expenses through Q1 | Balance Available | % of Budget Expended |
|--------------|---------------------|-------------------|----------------------|
| 7,726,013    | 887,671             | 6,838,342         | 11%                  |

**Routine O&M:** This category has a budget of \$4.6M dollars. At the end of the first quarter, 18% of the annual budget has been expended, resulting in approximately \$3.76M available for the remainder of the year. Expenses in this category are on target with budgeted levels.

| Total Budget | Expenses through Q1 | Balance Available | % of Budget Expended |
|--------------|---------------------|-------------------|----------------------|
| 4,623,290    | 854,846             | 3,768,444         | 18%                  |

**Non-Routine O&M:** This category has a budget of approximately \$1.8M. At the end of the first quarter, 1% of the annual budget has been expended, resulting in an available balance of roughly \$1.75M for the remainder of the year. Most of the items in this category have had budget carried forward from the prior year in order to continue work on them.

| Total Budget | Expenses through Q1 | Balance Available | % of Budget Expended |
|--------------|---------------------|-------------------|----------------------|
| 1,812,008    | 17,985              | 1,754,023         | 1%                   |

**Capital Outlay:** This category has a budget of almost \$1.29M. At the end of the first quarter, expenses were 1% of the annual budget, resulting in approximately \$1.27M available for the remainder of the year. Unspent budget from the prior year has been carried forward for several projects and accounts for the majority of this category's budget.

| Total Budget | Expenses through Q1 | Balance Available | % of Budget Expended |
|--------------|---------------------|-------------------|----------------------|
| 1,290,715    | 14,840              | 1,275,875         | 1%                   |

**Other Agency Involvement/Impact**

The agencies involved: City of Arroyo Grande, City of Grover Beach, City of Pismo Beach, Oceano Community Services District, and County Service Area 12. Subcontractors of CSA 12 include Port San Luis Harbor District and Avila Beach Community Services District.

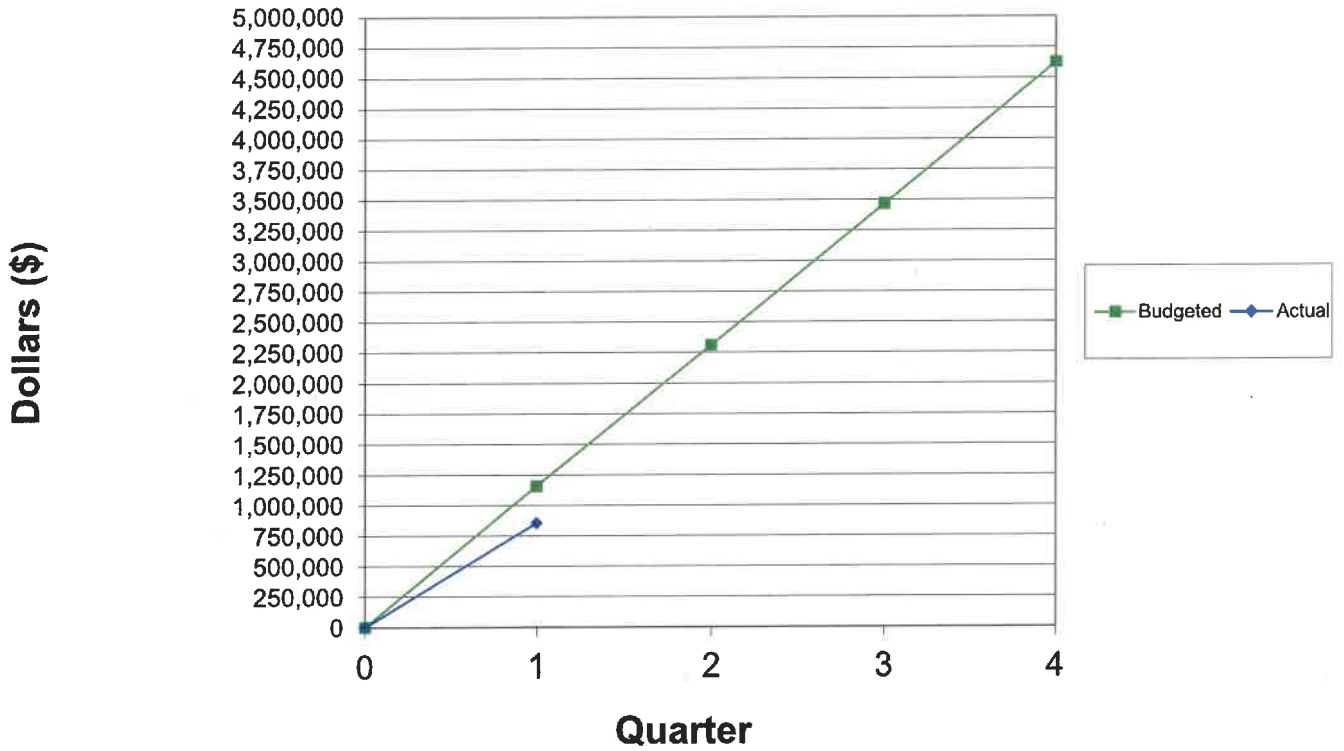
**Financial Consideration**

All agencies are current on their payments. The revised billings for FY 2021-22 will be mailed along with the 2<sup>nd</sup> installment of the FY 2021-22 billings by the end of the month. Payments are due January 1, 2023.



Zone 3 Budget Status  
1st Quarter FY22/23

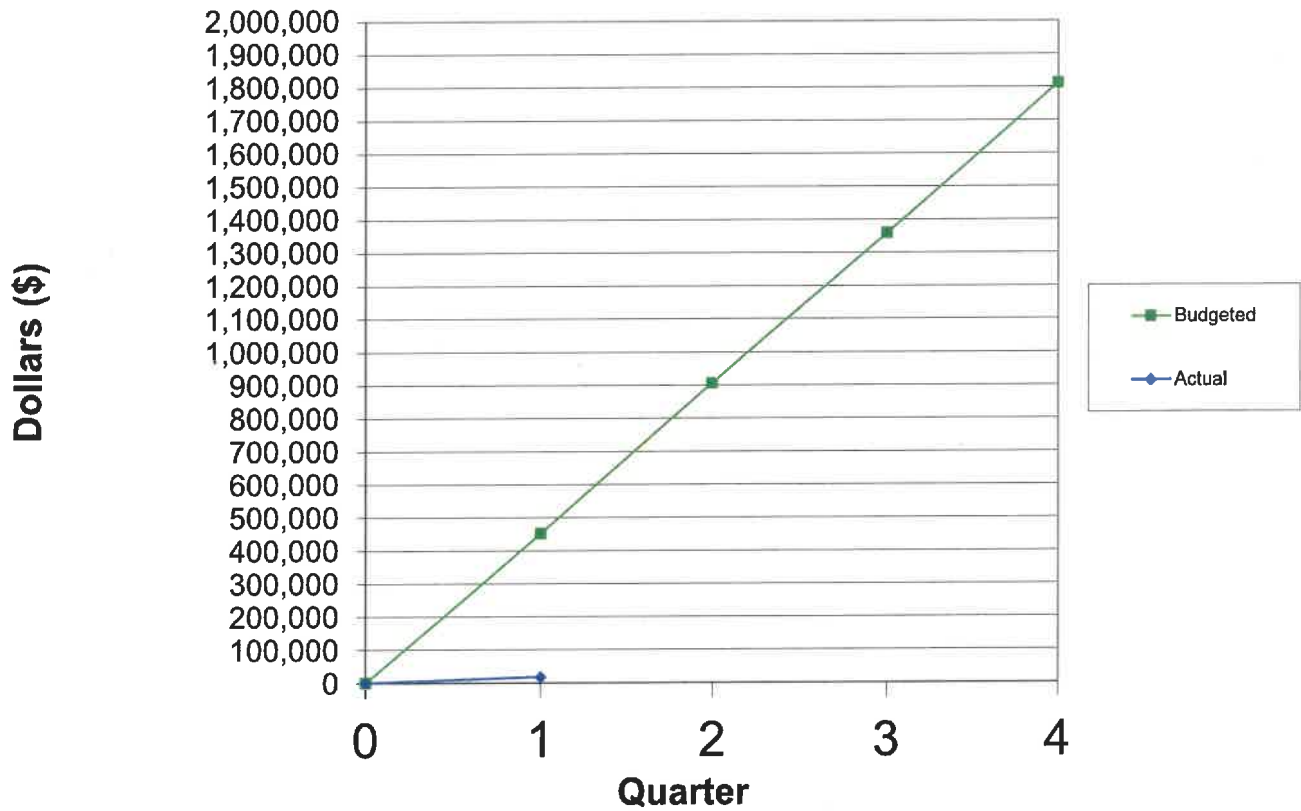
## Routine Operation and Maintenance



| O&M Routine Category                    | Total Budget     | 1st Quarter      | 2nd Quarter      | 3rd Quarter      | 4th Quarter      | Total            | Total Exp as % of Budget | Total Balance Avail |
|---|------------------|------------------|------------------|------------------|------------------|------------------|--------------------------|---------------------|
| Labor Hours                             | 22,728           | 4,694            | -                | -                | -                | 4,694            | 21%                      |                     |
| Chemicals - Water Treatment Plant       | \$ 494,790       | \$ 88,821        | \$ -             | \$ -             | \$ -             | \$ 88,821        | 18%                      | \$ 405,969          |
| Water Quality Testing - Treatment Plant | -                | 14,543           | -                | -                | -                | 14,543           | 0%                       | (14,543)            |
| Electricity - Water Treatment Plant     | 303,429          | 89,248           | -                | -                | -                | 89,248           | 29%                      | 214,181             |
| All Other Costs - Water Treatment Plant | 1,908,423        | 404,001          | -                | -                | -                | 404,001          | 21%                      | 1,504,422           |
| Terminal                                | 290,954          | 24,780           | -                | -                | -                | 24,780           | 9%                       | 266,174             |
| Main Dam                                | 415,260          | 58,300           | -                | -                | -                | 58,300           | 14%                      | 356,960             |
| Other                                   | 1,210,434        | 175,153          | -                | -                | -                | 175,153          | 14%                      | 1,035,281           |
| <b>Expenses</b>                         |                  | <b>854,846</b>   | <b>-</b>         | <b>-</b>         | <b>-</b>         | <b>854,846</b>   | <b>18%</b>               | <b>3,768,444</b>    |
| <b>Budget</b>                           | <b>4,623,290</b> | <b>1,155,823</b> | <b>1,155,823</b> | <b>1,155,823</b> | <b>1,155,823</b> | <b>4,623,294</b> |                          |                     |
| <b>Variance (over)/under</b>            |                  | <b>300,977</b>   | <b>1,155,823</b> | <b>1,155,823</b> | <b>1,155,823</b> | <b>3,768,444</b> |                          |                     |
| <b>% Variance</b>                       |                  | <b>26%</b>       | <b>100%</b>      | <b>100%</b>      | <b>100%</b>      |                  |                          |                     |

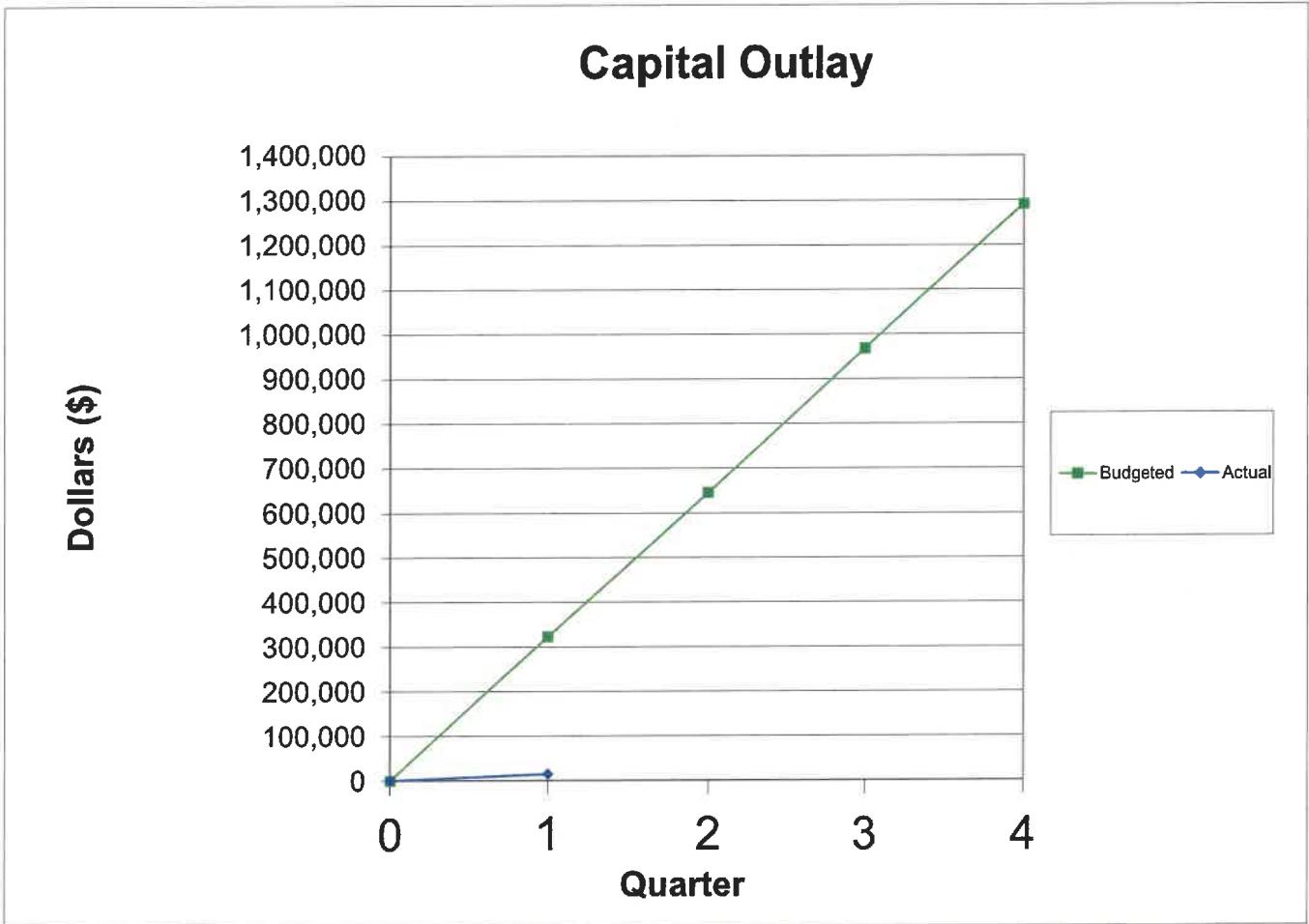
Zone 3 Budget Status  
1st Quarter FY22/23

### Non-Routine Operation and Maintenance



| O&M Non Routine Category                          | Total Budget     | 1st Quarter    | 2nd Quarter    | 3rd Quarter    | 4th Quarter    | Total            | Total Exp as % of Budget | Total Balance Avail |
|---|------------------|----------------|----------------|----------------|----------------|------------------|--------------------------|---------------------|
| Lopez Water Rights #HCP                           | \$ 324,159       | \$ 13,687      | \$ -           | \$ -           | \$ -           | \$ 13,687        | 4%                       | \$ 310,472          |
| Cathodic Protection Maint                         | -                | \$ -           | -              | -              | -              | -                | 0%                       | -                   |
| Geotech Test/Seismic Alt Study Terminal Dam       | 540,941          | 3,739          | -              | -              | -              | 3,739            | 1%                       | 537,202             |
| Safety Upgrades to WTP                            | -                | -              | -              | -              | -              | -                | 0%                       | -                   |
| Replace Obsolete Hach Turbidimeters               | -                | -              | -              | -              | -              | -                | 0%                       | -                   |
| Water Treatment Alternatives Study                | -                | -              | -              | -              | -              | -                | 0%                       | -                   |
| Risk Assessment Fault Zone Left Abutment          | -                | -              | -              | -              | -              | -                | 0%                       | -                   |
| Cloud Seeding Program                             | 493,574          | 559            | -              | -              | -              | 559              | 0%                       | 493,015             |
| Domestic Tank Repair                              | -                | -              | -              | -              | -              | -                | 0%                       | -                   |
| Spillway Physical Investigation                   | 413,334          | -              | -              | -              | -              | -                | 0%                       | 413,334             |
| Contr to FC General AG Creek Subbasin             | -                | -              | -              | -              | -              | -                | 0%                       | -                   |
| 552TEMP03 Replace Stem Wall Sludge Bed 2 Expenses | 40,000           | 17,985         | -              | -              | -              | 17,985           | 1%                       | 1,754,023           |
| <b>Budget</b>                                     | <b>1,812,008</b> | <b>453,002</b> | <b>453,002</b> | <b>453,002</b> | <b>453,002</b> | <b>1,812,008</b> |                          |                     |
| <b>Variance (over)/under</b>                      |                  | <b>435,017</b> | <b>453,002</b> | <b>453,002</b> | <b>453,002</b> | <b>1,794,023</b> |                          |                     |
| <b>% Variance</b>                                 |                  | <b>96%</b>     | <b>100%</b>    | <b>100%</b>    | <b>100%</b>    |                  |                          |                     |

Zone 3 Budget Status  
1st Quarter FY22/23



| Capital Outlay Projects                | Total Budget | 1st Quarter | 2nd Quarter | 3rd Quarter | 4th Quarter | Total     | Total Exp as % of Budget | Total Balance Avail |
|--|--------------|-------------|-------------|-------------|-------------|-----------|--------------------------|---------------------|
| Improved Boat Access at Tenn Res       | \$ -         | \$ -        | \$ -        | \$ -        | \$ -        | \$ -      |                          | \$ -                |
| Equip Storage Garage Design            | -            | 872         | -           | -           | -           | 872       | 0%                       | (872)               |
| Fireflow Tank Repair                   | 295,674      | -           | -           | -           | -           | -         | 0%                       | 295,674             |
| Cathodic Protection Units 1-3          | 495,456      | 3,341       | -           | -           | -           | 3,341     | 1%                       | 492,115             |
| Dump Trailer                           | -            | -           | -           | -           | -           | -         | 0%                       | -                   |
| ATV, Polaris                           | -            | -           | -           | -           | -           | -         | 0%                       | -                   |
| New Water Treatment Barge              | -            | -           | -           | -           | -           | -         | 0%                       | -                   |
| Upgrade EQ Pump                        | 17,623       | -           | -           | -           | -           | -         | 0%                       | 17,623              |
| Carbon Dioxide Injection System        | 133,933      | -           | -           | -           | -           | -         | 0%                       | 133,933             |
| WTP-Membrance Filter Modules (2 Racks) | 348,029      | 10,627      | -           | -           | -           | 10,627    | 3%                       | 337,402             |
| Expenses                               |              | 14,840      | -           | -           | -           | 14,840    | 1%                       | 1,275,875           |
| Budget                                 | 1,290,715    | 322,679     | 322,679     | 322,679     | 322,679     | 1,290,715 |                          |                     |
| Variance (over)/under                  |              | 307,839     | 322,679     | 322,679     | 322,679     | 1,275,875 |                          |                     |
| % Variance                             |              | 95%         | 100%        | 100%        | 100%        |           |                          |                     |



## ZONE 3 Lopez Project

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San Luis Obispo County Flood Control and Water Conservation District

**TO:** Zone 3 Advisory Committee

**FROM:** David Spiegel, PE

**DATE:** November 17, 2022

**SUBJECT:** Zone 3 Projects Update

**Project Updates:**

- Tesla Battery Storage (No Change)
  - Doing Startup testing to be prepared for PGE approval of plan to operate (PTO)
  - Budget – Free
- Spillway Assessment and Investigation (No Change)
  - Consultant is preparing response to DSOD workplan comments. Draft response expected by 9/16/22.
  - Remainder of project ~ minimum of \$300,000
- Geotechnical Testing & Seismic Alternatives Study of Terminal Reservoir Dam (No Change)
  - DSOD completed workplan review process.
  - Final workplan under GEI review.
  - Budget ~\$500,000
- Lopez WTP Safety Upgrades (No Change)
  - Staff are looking into additional consultants to do a lifeline system within the membrane building.
  - Multiple consultants have reviewed the project, but none have quoted the project.
  - Budget ~\$53,000
- Cathodic Protection Repair Project (No Change)
  - Preparing BID documents
  - Submitted encroachment permit applications
  - Obtained authorization from the Board of Supervisors to advertise the project
  - Plan to advertise the project by the end of October.
  - Need Additional \$160,000 this fiscal year
  - Budget ~\$449,933
- Equipment Storage Building (To Be Cancelled)
  - Bids came in significantly over budget. Installing an equipment storage building is currently infeasible.



## ZONE 3 Lopez Project

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San Luis Obispo County Flood Control and Water Conservation District

- Budget ~\$90,000
- CO2 Injection System (No Change)
  - Construction plans at 100%, going out to bid in the next few weeks
  - Budget ~\$256,000
- Sludge Bed Curtain Wall Rehabilitation (No Change)
  - ~\$50,000 per initial quote
- Chloride Dioxide Bulk Storage Tank (No Change)
  - PO issued for equipment
  - Tank delivery between 9/30/22 – 10/14/22
  - Budget ~\$47,309.51

### **Completed Projects**

- Lopez Water Treatment Plant Rack 1 Membrane Replacement



**COUNTY OF SAN LUIS OBISPO**  
**Department of Public Works**  
John Diodati, *Director*

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**August 11, 2022**

**TO:** Flood Control Zone 3 Advisory Committee

**FROM:** David Spiegel, Public Works - Utilities Division Engineer

**SUBJECT:** Zone 3 Budget Adjustment

### **Recommendation**

It is recommended that the Zone 3 Advisory Committee endorse the budget adjustment to fund the Sodium Hypochlorite, Sodium Chlorite, and the PAX tank replacements.

### **Discussion**

In May of 2022 the Sodium Hypochlorite tank was being cleaned by Staff at the Lopez Water Treatment Plant. Staff discovered what looked like fiberglass in the tank while washing it down and found additional material in the strainers downstream. This has been confirmed to be fiberglass from the wall of the tank. On October 13, 2022 Staff noticed a substance at the base of the tank and testing confirmed the liquid to be Sodium Hypochlorite. The tank is now leaking. The District reached out to a couple tank suppliers and received a quote to replace all three tanks. This quote came back at \$520,000. Most of the cost is in removing all the appurtenances in and around the tanks to facilitate removal and replacement of the tanks. The PAX tank and Sodium Chlorite tank are not leaking at this time but due to the cost to remove all the appurtenances, the District believes replacing the two other tanks at the same time would be prudent.

Zone 3 AC has two options to fund this project under a midyear Budget Adjustment:

1. District Designated Reserves
  - a. Do not replenish or get additional funds
  - b. Available Budget \$558,805
2. Operating Reserves
  - a. Agencies fund operating reserves during the normal budget process and are typically held around 50% of the Operating budget
  - b. Currently at 45% and would be reduced to 38% (~\$2.9m in Operating Reserves)



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**County of San Luis Obispo Department of Public Works**

County Govt Center, Room 206 | San Luis Obispo, CA 93408 | (P) 805-781-5252 | (F) 805-781-1229  
pwd@co.slo.ca.us | slocounty.ca.gov









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## **Notice of Meeting**

### **STATE WATER SUBCONTRACTORS ADVISORY COMMITTEE**

SAN LUIS OBISPO COUNTY FLOOD CONTROL AND WATER CONSERVATION DISTRICT

Friday, November 4, 2022 – 10:00 to 11:30 AM

County Government Center, Rm. D361

1055 Monterey Street, San Luis Obispo, CA 93408

For agenda packet attachments and more information: <https://www.slocounty.ca.gov/Departments/Public-Works/Committees-Programs/State-Water-Project-and-Subcontractors-Advisory-Co.aspx>

**Chair:** Ben Fine (Pismo Beach)

**Vice Chair:** Brad Hagemann (Avila Beach CSD)

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## **AGENDA**

1. **Call to Order** – Roll Call & Quorum Count
2. **Public Comment** *(For matters within the Committee's jurisdiction. May be limited to three minutes each.)*
3. **Review of Last Meeting's Minutes** – Approve minutes from September 2022.
4. **Reports from the District** – for Information Only
  - A. Water Supply & Operations Report
  - B. CCWA Transfer Update & Review of *Draft Guidelines for Allocation of Emergency SWP Water*
  - C. Continued Discussion on District's Unsubscribed Allocation
  - D. Update on Contract Extension
  - E. Update on Delta Conveyance Project
5. **Committee Action Items** – None
6. **Future Agenda Items**
7. **Date of Next Meeting:** SWSAC Regular Meeting -- Jan 6, 2023, at 10:00 AM.
8. **Adjournment**

### Attachments

1. Agenda Item 3 – Draft Minutes – September 2022
2. Agenda Item 4.A – Staff Report
3. Agenda Item 4.B – Draft Guidelines for Allocation of Emergency SWP Water
4. Agenda Item 7 – Draft 2023 Calendar

**CONTACT:** Please contact SWSAC Secretary, Wes Thomson, with any questions: [wthomson@co.slo.ca.us](mailto:wthomson@co.slo.ca.us) or (805) 781-5252.

*All Americans with Disabilities Act (ADA) accommodations shall be promptly reviewed and resolved.* Persons who require accommodations for any audio, visual or other disability to review an agenda, or to participate in the meeting per the ADA, are encouraged to request such accommodation 48 hours in advance of the meeting.

**The purpose of the Committee** is, "to monitor all aspects of this agreement and related agreements and to advise the governing bodies of District and Contractor on the functioning of this agreement and related agreements, and to recommend to the governing bodies of District and Contractor any modifications to said agreements that may, from time to time, be appropriate."  
(Art. 31, Water Supply Agreement, 1992)

County Gov't Center, Rm. D361  
Friday, September 2, 2022

**MINUTES (DRAFT)**  
**STATE WATER SUBCONTRACTORS ADVISORY COMMITTEE**

Chair: Ben Fine  
Vice Chair: Brad Hagemann (absent)  
Secretary: Wes Thomson

The following action minutes are listed as they were acted upon by the State Water Subcontractors Advisory Committee (SWSAC) and as listed on the Regular Meeting agenda for **September 2, 2022**, together with staff reports and related documents attached thereto and incorporated therein by reference.

1. Call to Order & Roll Call (Quorum Count)

Call to order at approx. 10:00 AM; a quorum was established. B. Fine serving as chair.

2. Public Comment

Will Clemens noted that the Zone 3 (Lopez) Contractors are preparing to go to their boards for approval of an amendment to their contract with the District. Given the low storage conditions at Lopez Reservoir, he said that Oceano CSD intends to maximize SWP water deliveries (within their "Table A" amount) and add to their storage at Lopez through a District-coordinated exchange of SWP water for Lopez water.

B. Fine commented that Central Coast Blue was awarded a \$14.1 million grant.

Jeff Edwards asked if infrastructure changes would be needed to facilitate the exchange of SWP water for Lopez water and when these changes would become effective. W. Thomson briefly explained how the District accounts for SWP and Lopez water deliveries. Kate Ballantyne noted that no infrastructure improvements are needed, and timing-wise – since the District Board approved, once everyone in Zone 3 signs, the amendment will become effective.

Dan Heibel added that the City of Morro Bay received a grant for \$9.3 million from the Bureau of Reclamation Title 16 Recycled Water Program to fund the indirect potable reuse portions of Morro Bay's new "WRF" (water reclamation facility) program.

B. Fine expressed appreciation for County staff who supported the effort to bring about the contract changes for Zone 3 (Lopez).

D. Heibel commented that the agencies should be exploring groundwater banking or alternative storage opportunities for State Water could help minimize spill losses at San Luis Reservoir and preserve that water for future use during dry periods.

3. Review of Last Meeting's Minutes

Committee approved draft SWSAC minutes from March, May, and July 2022 "as-is."



4. Reports from the District – for Information Only

A. Water Supply & Operations Report

W. Thomson gave an update on the current water supply. No significant changes from what was reported in July; report highlighted “stored water” status showing that most subcontractors have exhausted or will have used up most of their storage by the end of the year.

B. Emergency Water Concept – Update on Proposed Transfer with CCWA

W. Thomson and K. Ballantyne reiterated concept discussed at the last meeting and provided opportunity for continued discussion on the topic. Staff will present this to the District Board on October 18, 2022 and expects the transfer with CCWA to be complete by early 2023. This is the first time using the water management tools and we’re learning a lot along the way – how to do this in the future and see how to possibly streamline the process that will shorten its timeline. For non-SWP Subcontractors that have an emergency need, the District intends to deliver the water to the County (a Subcontractor) and then the County would develop contracts to transfer the water to those in need – which expands access to the emergency water and maintains consistency with respect to the “like contract” clause in the Subcontractors’ water service agreement (Article 32). This approach also allows the District board to control how costs are managed. The District could potentially deliver SWP water to any agency connected to the existing SWP infrastructure, using CCWA’s capacity. However, the 1,000 AF is only for emergency use, based on qualifying need and showing evidence of implemented conservation measures.

C. Continued Discussion on Subcontracts & District’s Unsubscribed Allocation

W. Thomson reiterated what was discussed at the last meeting and provided opportunity for continued discussion on the topic. W. Thomson noted that subcontractors are currently 42% of the District’s State water “Table A” contract and that the District (taxpayers) are financially responsible for the remaining share. K. Ballantyne reiterated that now is the time for subcontractors to start having the discussions about increasing their drought buffer if that is something they are interested in, and formal letters will be sent out soon (by end of year).

There was a question about studies that show there is additional capacity in the Coastal Branch and whether there is there a plan to work with CCWA to make more water available to SLO Count. K. Ballantyne answered that the Water Management Tools Amendment has allowed for the 1,000 AF emergency contract as a first step towards increasing access to State Water. W. Thomson noted that for SLO County, the primary constraint in increasing State Water is at the CCWA water treatment plant, which limits our ability to take advantage of that extra capacity within the Coastal Branch pipeline.

D. Update on Contract Extension

W. Thomson reported that the District Board approved the Contract Extension amendment so that DWR can implement these contract changes in 2024. He reiterated that the amendment objective is long-term SWP cost stabilization, and it secures the long-term supply for the District.

E. Update on Delta Conveyance Project

W. Thomson reported that the draft EIR was released on July 27, 2022, and the overall effort is still on budget and schedule. District staff are preparing to take a recommendation to the District Board on October 18, 2022 – recommending that it continue with the preliminary planning (i.e., commit to years 3 & 4 of the 4-year planning effort) – to keep the door open to enable consideration on long-term participation in 2024/25. There haven't been any updated cost projections since 2020 – but an updated cost/benefit analysis will be completed after the design is further along and a “preferred alternative” has been identified at the end of the environmental review process. W. Thomson reiterated that the project's main objective is to protect the SWP's ability to deliver water. Staff presented a review of the project's general components and anticipated schedule and cost.

F. Update on Committee Membership

W. Thomson welcomed new members and noted position changes.

- Greg Kwolek and Damaris Hanson from the City of Morro Bay
- Brian McAlister from Cuesta College
- Allene Villa and Shirley Gibson from Oceano CSD have swapped positions
- Geoff English from SMMWC

5. Committee Action Items – None

6. Future Agenda Items

K. Ballantyne asked whether Friday meetings still work for everyone or if a different day/time is preferred. Using a doodle poll was suggested as a way to find the best time.

7. Date of Next Meeting – SWAC Regular Meeting – November 4, 2022, at 10:00 AM.

B. Fine adjourned the meeting at approximately 11:05 AM.



**TO: State Water Subcontractors Advisory Committee**  
**FROM: Wes Thomson, Utilities Division Engineer**  
**DATE: November 4, 2022**  
**SUBJECT: SWP Water Supply Report**

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### **SWP DELIVERY REPORT**

**Attachment 1** is the monthly summary of State Water Project (SWP) deliveries through September 2022 for the 2022 SWP "Water Year" (Jan 1, 2022 – Dec 31, 2022).

### **2022 SCHEDULED DELIVERIES VS. STORED WATER SUMMARY**

**Attachment 2** summarizes the current 2022 delivery schedule for District Subcontractors and reports the new supply for 2022 based on DWR's 5% "Table A" water allocation and shows the District's stored water needed to meet requested Subcontractor deliveries for October through December 2022. This delivery schedule and storage analysis assumes the 5% allocation will hold for the remainder of the year.

As reiterated in the September 2 report, this is the third year of drought conditions.

- Subcontractors **in red** have exhausted the stored water reserved for them.
- Subcontractors **highlighted in yellow** are on track to use the remaining stored water set aside for them by the end of the year.

### **ATTACHMENTS**

1. SWP Delivery Report (thru Sept. 2022)
2. 2022 Deliveries vs. Stored Water (Sept/Oct 2022)



## 2022 STATE WATER DELIVERIES (DRAFT)

-- Actual deliveries thru Sept 2022 --

|                              | JAN          | FEB          | MAR          | APR          | MAY          | JUN          | JUL          | AUG        | SEP        | OCT      | NOV      | DEC      | TOTAL         |
|------------------------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|------------|------------|----------|----------|----------|---------------|
| SHANDON TO CSA 16            | 0.0          | 0.0          | 0.0          | 0.0          | 0.0          | 0.0          | 0.0          | 0.0        | 0.0        | 0        | 0        | 0        | 0.0           |
| CHORRO V. TO CMC             | 27.6         | 29.7         | 33.5         | 30.5         | 34.1         | 28.2         | 32.9         | 35.9       | 32.5       | 0        | 0        | 0        | 285.0         |
| County Ops                   | 29.3         | 31.5         | 35.6         | 32.4         | 36.1         | 29.9         | 34.9         | 38.1       | 34.5       | 0        | 0        | 0        | 302.3         |
| Cuesta                       | 13.9         | 15.0         | 16.9         | 15.4         | 17.2         | 14.2         | 16.6         | 18.2       | 16.4       | 0        | 0        | 0        | 143.9         |
| City of Morro Bay            | 87.2         | 86.8         | 102.0        | 100.7        | 99.6         | 102.7        | 112.6        | 104.8      | 101.5      | 0        | 0        | 0        | 897.8         |
| LOPEZ TO City of Pismo Beach | 103.9        | 110.0        | 85.0         | 120.0        | 140.0        | 140.0        | 125.0        | 130.0      | 55.0       | 0        | 0        | 0        | 1008.9        |
| Oceano CSD                   | 33.1         | 32.2         | 34.6         | 35.7         | 36.7         | 41.7         | 49.1         | 44.5       | 41.7       | 0        | 0        | 0        | 349.5         |
| San Miguelito MWC            | 7.8          | 9.5          | 11.3         | 2.8          | 9.3          | 7.8          | 4.5          | 5.6        | 5.7        | 0        | 0        | 0        | 64.2          |
| Avila Beach CSD              | 4.8          | 5.0          | 6.0          | 6.0          | 6.0          | 6.0          | 6.0          | 7.0        | 6.0        | 0        | 0        | 0        | 52.8          |
| Avila Valley MWC             | 1.0          | 1.0          | 1.0          | 2.0          | 2.0          | 2.0          | 2.0          | 2.0        | 2.0        | 0        | 0        | 0        | 15.0          |
| San Luis Coastal USD         | 0.10         | 0.39         | 0.50         | 0.50         | 0.50         | 0.50         | 0.50         | 0.50       | 0.50       | 0        | 0        | 0        | 3.99          |
| <b>TOTAL</b>                 | <b>308.7</b> | <b>321.1</b> | <b>326.5</b> | <b>346.0</b> | <b>381.5</b> | <b>373.0</b> | <b>384.1</b> | <b>387</b> | <b>296</b> | <b>0</b> | <b>0</b> | <b>0</b> | <b>3123.5</b> |

Note: 1. Deliveries based on CCWA monthly delivery reporting and subcontractor request.

2. All delivery values reported are in volumetric units of acre-feet (AF).

## 2022 STATE WATER REQUESTS

|                              | JAN        | FEB        | MAR        | APR        | MAY        | JUN        | JUL        | AUG        | SEP        | OCT        | NOV        | DEC        | TOTAL       | Oct-Dec     |
|------------------------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|-------------|-------------|
| SHANDON TO CSA 16            | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0           | 0           |
| CHORRO V. TO CMC             | 33         | 33         | 33         | 33         | 33         | 33         | 33         | 33         | 33         | 33         | 33         | 33         | 396         | 99          |
| County Ops                   | 35         | 35         | 35         | 35         | 35         | 35         | 35         | 35         | 35         | 35         | 35         | 35         | 420         | 105         |
| Cuesta                       | 17         | 17         | 17         | 17         | 17         | 17         | 17         | 17         | 17         | 17         | 17         | 17         | 200         | 50          |
| City of Morro Bay            | 100        | 100        | 100        | 100        | 100        | 100        | 100        | 100        | 100        | 100        | 100        | 100        | 1200        | 300         |
| LOPEZ TO City of Pismo Beach | 105        | 110        | 85         | 120        | 140        | 140        | 125        | 130        | 55         | 100        | 70         | 60         | 1240        | 230         |
| Oceano CSD                   | 62.5       | 62.5       | 62.5       | 62.5       | 62.5       | 62.5       | 62.5       | 62.5       | 62.5       | 62.5       | 62.5       | 62.5       | 750         | 187.5       |
| San Miguelito MWC            | 7          | 7          | 10         | 12         | 13         | 13         | 13         | 12         | 9          | 9          | 7          | 8          | 120         | 24          |
| Avila Beach CSD              | 5          | 5          | 6          | 6          | 6          | 6          | 6          | 7          | 6          | 6          | 6          | 5          | 70          | 17          |
| Avila Valley MWC             | 1.0        | 1.0        | 1.0        | 2.0        | 2.0        | 2.0        | 2.0        | 2.0        | 2.0        | 2.0        | 1.0        | 2.0        | 20          | 5           |
| San Luis Coastal USD         | 0.50       | 0.50       | 0.50       | 0.50       | 0.50       | 0.50       | 0.50       | 0.50       | 0.50       | 0.50       | 0.50       | 0.50       | 6           | 1.5         |
| <b>TOTAL</b>                 | <b>366</b> | <b>371</b> | <b>350</b> | <b>388</b> | <b>409</b> | <b>409</b> | <b>394</b> | <b>399</b> | <b>320</b> | <b>365</b> | <b>332</b> | <b>323</b> | <b>4422</b> | <b>1019</b> |

Note: Assumes District can supply 100% of requested delivery, to meet requests that exceed current DWR allocation\*.

\*Current DWR "Table A" allocation = 5%

## 2022 SWP Delivery vs. Estimated Stored Water

SLO COUNTY FC&WCD  
SEPT / OCT 2022

| SUMMARY OF PROJECTED 2022 DELIVERY                     |        |
|--|--------|
| District's Stored Water at SLR <sup>3</sup> , 1/1/2022 | 12,402 |
| Scheduled Delivery for 2022                            | 4,422  |
| 2022 SWP "Table A" Allocation at 5%                    | 1,250  |
| Estimated Stored Water Needed                          | 3,172  |

|   |              |
|---|--------------|
| Proposed Emergency Transfer w- CCWA           | 1,000        |
| <b>Projected Stored Water at SLR for 2023</b> | <b>8,230</b> |
| >> Excluding 1,000 AF Emergency Allocation    | 7,230        |

### CONTRACTS SUMMARY

### 2022 DELIVERY SCHEDULE SUMMARY<sup>1</sup>

| SUBCONTRACTOR        | Water Service Amount (WSA) | Drought Buffer (DB) | WSA + DB | STORED CARRYOVER <sup>2</sup> WATER (1/1/2022) | "2022" WATER ALLOCATED AT 5% | WATER DELIVERED <sup>1</sup> (THRU SEPT 2022) | ESTIMATED STORED CARRYOVER <sup>2</sup> REMAINING (10/1/2022) | SCHEDULED DELIVERY REMAINING (OCT-DEC 2022) |
|----------------------|----------------------------|---------------------|----------|--|------------------------------|---|---|---|
| CSA 16 (Shandon)     | 100                        | 0                   | 100      | 74   | 5                            | 0   | 74  | 0   |
| <i>Subtotal</i>      | 100                        | 0                   | 100      | 74   | 5                            | 0   | 74  | 0   |
| CMC                  | 400                        | 400                 | 800      | 0  | 40                           | 285.0   | 0   | 99  |
| County Ops Center    | 425                        | 425                 | 850      | 0  | 42.5                         | 302.3   | 0   | 105   |
| Cuesta College       | 200                        | 200                 | 400      | 0  | 20                           | 143.9   | 0   | 50  |
| City of Morro Bay    | 1,313                      | 2,290               | 3,603    | 534  | 180.2                        | 897.8   | 0   | 300   |
| <i>Subtotal</i>      | 2,338                      | 3,315               | 5,653    | 534  | 283                          | 1,629.0                                       | 0   | 554   |
| City of Pismo Beach  | 1,240                      | 1,240               | 2,480    | 0  | 124                          | 1008.9  | 0   | 230   |
| Oceano CSD           | 750                        | 750                 | 1,500    | 595  | 75                           | 349.5   | 320.6   | 188   |
| San Miguelito MWC    | 275                        | 275                 | 550      | 165  | 27.5                         | 64.2  | 128.2   | 24  |
| Avila Beach CSD      | 100                        | 100                 | 200      | 51   | 10                           | 52.8  | 8.2   | 17  |
| Avila Valley MWC     | 20                         | 20                  | 40       | 0  | 2                            | 15.0  | 0   | 5   |
| San Luis Coastal USD | 7                          | 7                   | 14       | 1.3  | 0.7                          | 3.99  | 0   | 1.5   |
| <i>Subtotal</i>      | 2,392                      | 2,392               | 4,784    | 812  | 239                          | 1,494.5                                       | 457   | 465   |
| Total Subcontracted  | 4,830                      | 5,707               | 10,537   | 1,420  | 527                          | 3,123.5                                       | 531   | 1,019                                       |

### District's "Table A" Allocation (AFY) 25,000

|                                     |        |     |
|-------------------------------------|--------|-----|
| Total "Table A" Subcontracted (AFY) | 10,537 | 42% |
| "Unsubscribed" Allocation (AFY)     | 14,463 | 58% |

### NOTES

- Water volumes reported in units of acre-feet; delivered water based on latest DRAFT report.
- Stored carryover water is District water from previous years, stored at SLR, set aside informally for Subcontractors.
- SLR = San Luis Reservoir, a SWP storage facility.

October 18, 2022

# Proposed Guidelines for Allocation of Emergency State Water Project (SWP) Water

## **BACKGROUND**

These guidelines are intended to support the Flood Control and Water Conservation District (District) in administering emergency SWP water allocations to address qualifying human health and safety needs within the County of San Luis Obispo. Included are criteria that will be evaluated (1) to prioritize which agencies are eligible to receive emergency SWP water, (2) to quantify the minimum amount of water needed to meet the domestic supply, fire protection, and sanitation needs of a population, and (3) to determine charges based on cost recovery (including administrative costs).

## **PRIORITY OF USE & QUALIFICATIONS**

During a time in which there is an existing State or County-declared emergency in effect, the District may issue a notification that emergency water is available and then determine a reasonable schedule for receiving and evaluating requests for allocations of the water, consistent with the stated priorities and qualifying conditions in these guidelines. The District intends to utilize the State Water Subcontractors Advisory Committee (SWSAC) meetings to provide notifications and status updates on emergency SWP water needs and deliveries.

### **Priority of Use**

1. District Subcontractors<sup>1</sup> with a qualifying need.
  - a. Qualifying criteria must be demonstrated through supporting documentation for the District to validate a qualifying need for emergency water. The quantity allocated by the District shall be based on consideration of all supplies available to address the qualifying need. During the period of allocation, the supply will be tracked and reported monthly.
  
2. Local agencies (and water purveyors) within the District (Non-SWP subcontractors) with a qualifying need.
  - a. If the emergency needs of the Subcontractors are met, and there is additional supply available for the given delivery year, then the District may consider the allocation of the emergency supply to address the qualifying needs of non-SWP Subcontractors

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<sup>1</sup> Eleven local agencies (Subcontractors) contract with the District for delivery of treated SWP water, referred to as their Water Service Amount; additional "Table A" is reserved as Drought Buffer. District Subcontractors include CSA 16 (Shandon), City of Morro Bay, California Men's Colony, County of San Luis Obispo, Cuesta College, City of Pismo Beach, Oceano CSD, San Miguelito Mutual Water Co., Avila Beach CSD, Avila Valley Mutual Water Co., San Luis Coastal Unified School District.

State Water Project (SWP) / San Luis Obispo County  
Flood Control and Water Conservation District

within the District. The same qualifying criteria and allocation considerations for the Subcontractors apply.

### **Qualification Criteria**

#### **1. Emergency Declarations**

- a. Is a State or County declared drought emergency in effect and applicable to this agency? Has the local agency board declared a local water supply emergency?
- b. Has the local agency implemented response actions consistent with the level of demand reduction targeted by the State or County?
- c. Are the response actions appropriate for the quantity of water requested (i.e., is the demand reduction target reflective of the supply shortfall)?

#### **2. Water Shortage Contingency Plan (WSCP) Implementation**

- a. The agency requesting emergency supply should be operating under an adopted WSCP or have an adopted drought management plan with identifiable triggers and specified actions to achieve a level of demand reduction appropriate for dealing with a temporary supply/demand imbalance.
- b. The District shall consider the level of demand reduction triggered and may require additional substantiating information from an agency to confirm the implementation of the WSCP or drought management plan.

#### **3. Status of Local Supply Options**

- a. Consider Local Supply Status: What is the status/condition of other local water sources? (Is the groundwater basin in overdraft or at a point where there is an increased risk of seawater intrusion? What is the status of local surface water storage supplies for the agency?)
- b. Has the requesting agency implemented local supply contingency measures (e.g., Lopez Low Reservoir Response Plan)?
- c. If there is a change in conditions, those changes could trigger an end to the emergency supply delivery.

### **Emergency Water Transfer Option: Limitations, Timing, and Environmental & Regulatory Considerations**

- a. Contract Limitations: Delivery of emergency SWP water allocations may require a water transfer (short-term, temporary), which is dependent on the available treatment and delivery capacity and subject to District Board approval, in addition to the existing contract provisions of the District's master contract<sup>2</sup> with DWR, the District's water treatment agreement with CCWA<sup>3</sup>, and the District's SWP

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<sup>2</sup> The master contract secured the District's annual "Table A" water benefit of up to 25,000 acre-feet from the California Department of Water Resources' (DWR) State Water Project (SWP).

<sup>3</sup> The District's 1992 master water treatment agreement with the Central Coast Water Authority (CCWA) provides for treatment of all SWP water delivered to the District via DWR's Coastal Branch pipeline.

State Water Project (SWP) / San Luis Obispo County  
Flood Control and Water Conservation District

- subcontracts. Additional agreements may also be required to permit the transfer option.
- b. Water Transfer Timing: For qualifying transfers, the emergency water delivery under a transfer agreement must be completed in one year or less (“short-term”).
  - c. Legal and Regulatory Compliance: District staff shall review all terms and conditions of any proposed transfer for consistency with California State Water Board regulations and the California Water Code and confirm that the transfer complies with all applicable laws and regulations in effect at the time it is brought to the District Board for approval.
  - d. Environmental Review: District staff shall review the proposed transfer and consider if a CEQA determination is required.

**DETERMINATION OF ALLOCATION, SCHEDULE & COST**

**Allocation of Emergency SWP Water**

1. Purpose of Use & Determination of Minimum Quantity Needed
  - a. Emergency SWP water shall only be used to meet “human health and safety” water needs within an agency’s service area for that calendar year, which includes domestic supply, fire protection, and sanitation purposes.
  - b. The minimum<sup>4</sup> quantity needed to meet “human health and safety” needs shall be based on the 55 gallons per capita per day (gpcd) standard set by DWR in their Notice to SWP Contractors<sup>5</sup> for the 2022 SWP initial allocation (12/1/2021), consistent with State Water Resources Control Board emergency regulations at the time these guidelines were proposed for adoption by the District. Any changes to this standard by DWR may be adopted by the District.
  - c. The District may require additional substantiating information from an agency to confirm the requested emergency SWP water needs. Calculations and re-calculations are subject to confirmation by the District.
  - d. Consistent with Article 10b (“Temporary Shortages; Delivery Priorities”) of the District’s subcontracts, which allows for the District to apportion on some other basis than in proportion to the Water Service Amount, if such basis is required to meet minimum demands for domestic supply, fire protection, or sanitation during the year.
2. Available Emergency SWP Water Supply
  - a. The District’s available emergency SWP water supply, for a given calendar year, shall be an amount set aside from the District’s stored “Article 56C Carryover” water<sup>6</sup>, which is unused “Table A” water from previous years stored at San Luis Reservoir, and for which there is treatment and delivery capacity available to deliver it within the District.

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<sup>4</sup> Consistent with Article 10b (“Temporary Shortages; Delivery Priorities”) of the District’s subcontracts, which allows for the District to apportion on some other basis than in proportion to the Water Service Amount, if such basis is required to meet minimum demands for domestic supply, fire protection, or sanitation during the year.

<sup>5</sup> [https://water.ca.gov/-/media/DWR-Website/Web-Pages/Programs/State-Water-Project/Management/SWP-Water-Contractors/Files/NTC-21-07\\_2022-SWP-Initial-Allocation-Minimum-Human-Health-and-Safety\\_120121.pdf](https://water.ca.gov/-/media/DWR-Website/Web-Pages/Programs/State-Water-Project/Management/SWP-Water-Contractors/Files/NTC-21-07_2022-SWP-Initial-Allocation-Minimum-Human-Health-and-Safety_120121.pdf)

<sup>6</sup> As defined in the District’s master contract with DWR for SWP water.

- b. Availability of the emergency SWP water supply is subject to a determination by the District that delivery of the supply will not adversely impact SWP operations or harm other SWP Contractors<sup>7</sup> or the District's Subcontractors.

### **Scheduling of Emergency SWP Water Delivery**

#### **1. Allocation Timing and General Conditions**

- a. The emergency SWP supply shall be allocated on the calendar year basis and be consistent with DWR's timing for SWP delivery accounting and operations (January through December) in accordance with Article 12 of the District's master SWP water supply contract with DWR, which governs the SWP priorities, amount, times, and rates of deliveries to the District and SWP Contractors.
- b. The District will need to coordinate with recipients of the emergency SWP supply, consistent with existing terms and conditions of the District's subcontracts, to establish a delivery schedule that does not adversely impact local SWP operations along the Coastal Branch.
- c. General Delivery Scheduling Conditions: Refer to Article 8 and Article 10 of the Subcontractors' water supply agreement for details on the water service terms and conditions for SWP delivery scheduling, use of facilities, water shortages, and delivery priorities.

### **Cost Considerations for Emergency SWP Water Charges**

The District shall determine charges for the costs of the emergency SWP water based on cost recovery (including administration costs), consistent with Article 14 of the District's SWP subcontracts and the District's master SWP water supply contract with DWR. This applies to SWP Subcontractors, and as a guiding principle, for how the District will determine reasonable cost compensation for the emergency SWP water, the use of facilities, and for power costs to deliver the water under a transfer agreement.

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<sup>7</sup> The District is one of 29 public water agencies that have a long-term SWP water supply contract with the California Department of Water Resources (DWR); these agencies are collectively referred to as the SWP Contractors.



**PUBLIC MEETINGS**

# 2023 SWSAC CALENDAR (*DRAFT*)

## STATE WATER SUBCONTRACTORS ADVISORY COMMITTEE (SWSAC)

SWSAC meets every other month (starting in Jan.) on the first Friday at 10:00 AM

*DRAFT FOR SWSAC REVIEW, 11/4/2022*

|  |   |                             |
|--|---|-----------------------------|
| <u>JAN</u><br>SWSAC – Jan 6<br><br><i>*Annual election of Chair &amp; Vice Chair</i> | <u>FEB</u>  | <u>MAR</u><br>SWSAC – Mar 3 |
| <u>APR</u>   | <u>MAY</u><br>SWSAC – May 5   | <u>JUN</u>                  |
| <u>JUL</u><br>SWSAC – Jul 7  | <u>AUG</u><br><br><i>* Request for 2024 water delivery schedules.</i> | <u>SEP</u><br>SWSAC – Sep 1 |
| <u>OCT</u>   | <u>NOV</u><br>SWSAC – Nov 3   | <u>DEC</u>                  |

**\*Meeting logistics are subject to change.** Please contact County Public Works at 805-781-5252 or [pwd@co.slo.ca.us](mailto:pwd@co.slo.ca.us) for confirmation of date, location & time.





Central Coast Regional Water Quality Control Board

November 7, 2022

Bradley Hagemann  
General Manager  
Avila Beach Community Services District  
100 San Luis Street,  
Avila Beach, CA 93424  
Email: [hagemann.associates@gmail.com](mailto:hagemann.associates@gmail.com)

*Sent via electronic mail only*

To Bradley Hagemann:

**TRANSMITTAL OF CLIMATE CHANGE READINESS ASSESSMENT FOR MUNICIPAL WASTEWATER TREATMENT FACILITIES IN THE CENTRAL COAST REGION**

Climate change is shifting precipitation and temperature patterns, exacerbating extreme weather events, and causing impacts such as drought, sea level rise, flooding, coastal erosion, wildfires, landslides, and heat waves. These conditions have significant implications for wastewater collection, treatment, and discharge operations.

Through the adoption of new and updated NPDES permits, the Central Coast Water Board is in the process of requiring dischargers to develop and implement climate adaptation plans. However, the Central Coast Water Board recognizes that planning for climate change is complex and requires time and resources. The readiness assessment is a tool designed to facilitate this process by helping facilities 1) understand climate change projections and their vulnerabilities and 2) assess their preparedness to respond and comply with new climate adaptation permit requirements.

By December 16, 2022, please complete the attached climate change readiness assessment (Attachment C for coastal facilities and Attachment D for inland facilities) to inform and support climate adaptation and mitigation strategies that are protective of wastewater infrastructure, public health, and the environment.

In completing the readiness assessment, please consider the entire wastewater system network, which includes all facilities and associated infrastructure, such as the treatment works, influent and effluent storage, collection and conveyance systems, discharge outfalls, pump stations, access roads, control systems, power lines, backup power

generators and fuel storage facilities, etc., necessary to provide ongoing operations and prevent unauthorized discharges.

We appreciate your cooperation. Participating agencies should identify one point of contact to respond to the assessment. Please fill out the attached assessment electronically and save it as a PDF file upon completion. Final readiness assessments should be emailed to [Amanda.christophe@waterboards.ca.gov](mailto:Amanda.christophe@waterboards.ca.gov).

## **BACKGROUND**

With this readiness assessment, the Central Coast Water Board aims to better understand climate adaptation actions already undertaken and planned by dischargers and encourage future actions based on site-specific conditions. We also intend to use the data to inform future NPDES permit requirements that will best support climate adaptation and mitigation for critical wastewater infrastructure to protect water quality, beneficial uses, and public health. The Central Coast Water Board strongly encourages dischargers to complete this assessment, as doing so will give us the best data and information to tailor future permit requirements to facilities' needs, resources, and capacities.

The Central Coast Water Board does not intend that completing the assessment will require dischargers to engage outside services or develop new climate adaptation plans. Dischargers may rely on existing climate change planning, supplemented by online tools and resources (provided in Attachment B) as necessary, to complete the assessment. For example, cities and counties may already have climate adaptation and resiliency strategies in general plans, local hazard mitigation plans, or local coastal plans. The Central Coast Water Board encourages dischargers to cite (include hyperlink if applicable) and summarize any planning documents, vulnerability studies, etc. that are relevant to their wastewater infrastructure.

## **USE OF DATA**

Dischargers who complete the readiness assessment will receive a tailored readiness assessment Report from the Central Coast Water Board. The report will evaluate the facility's preparedness to adapt to climate risks and will provide relevant guidance, resources, and assistance to prioritize next step actions to increase readiness and regulatory compliance with new and future NPDES permit requirements.

The Central Coast Water Board may use the information to study and report on climate adaptation trends for wastewater treatment facilities in the Central Coast region, as well as other reasonable purposes consistent with the agency's regulatory jurisdiction. Any questions about data use can be directed to Amanda Christophe at [Amanda.christophe@waterboards.ca.gov](mailto:Amanda.christophe@waterboards.ca.gov) or (805) 594-6197.

## RESOURCES

Attachment B includes curated climate adaptation tools and resources to help Dischargers complete the assessment and provides climate science and adaptation strategies that dischargers may use in the future.

Central Coast Water Board NPDES staff will host a climate change readiness assessment workshop to engage with dischargers, provide a general overview of the readiness assessment, and address any questions or concerns. The workshop will be held virtually. Water Board staff will reach out via email with further details and reminders for those interested in attending.

**Central Coast Water Board staff is available to assist dischargers with any questions regarding the assessment, the resources included in Attachment B, or other aspects of climate adaptation planning. Assistance can include individual meetings, calls, or questions via email.**

Any questions or requests for assistance regarding the readiness assessment, accessing up to-date climate projections, or locating other relevant resources should be directed to Amanda Christophe at [Amanda.christophe@waterboards.ca.gov](mailto:Amanda.christophe@waterboards.ca.gov) or (805) 594-6197.

Any general questions regarding this letter should be directed to Leah Lemoine at [Leah.Lemoine@waterboards.ca.gov](mailto:Leah.Lemoine@waterboards.ca.gov) or (805) 549-3159.

Sincerely,



for Matthew T. Keeling  
Executive Officer

ECM: 206888

### Attachments:


1. Attachment A – Recipient List
2. Attachment B – Climate Change Adaptation Tools & Resources
3. Attachment C – Climate Change Readiness Assessment for Coastal Facilities  
[external PDF]
4. Attachment D – Climate Change Readiness Assessment for Inland Facilities  
[external PDF]

r:\rb3\shared\civicspark\2022\projects\climate change questionnaire\climate change readiness assessment transmittal letter .docx

**AVILA BEACH**  
**COMMUNITY SERVICES DISTRICT**  
Post Office Box 309, Avila Beach, CA 93424

**MEMORANDUM**

TO: Board of Directors

FROM: Brad Hagemann, General Manager 

DATE: December 13th, 2022

SUBJECT: Monthly Financial Review for November

**Recommendation:**

Receive and file report.

**Overall Monthly Summary**

During the month of November, the District deposited \$135,856.56 and incurred \$441,993.58 in expenses (cash basis). Expenses were well above normal due to the following: The District paid \$205,817 for our first annual loan payment (the Harbor District will be reimbursing the District approximately \$67,900 for their share); We paid FRM \$127,000 this month, that included 3 months of O & M expenses (approximately \$66,000) and we had several invoices for relatively expensive WWTP maintenance and repair projects (chlorine contact chamber repair) that we completed and paid in November; and finally during the month, we paid \$60,000 in engineering support invoices for work that was completed over the last several months at the WWTP project. Monthly operation expenses were otherwise with the normal range.

Income included \$80,700.23 in monthly water and sewer fees. Deposits from County Taxes this month totaled \$53,788.81. We anticipate that monthly tax revenue for December will be approximately \$150,000.

Detailed financial reports including a Balance Sheets, Deposits by Fund, Checks by Fund and Profit and Loss Sheets are provided for your information for the month of November.

**Utility Service Billing**

The District billed approximately \$79,827.97 in water and sewer service charges in November. Customer Rate Assistance reduced billing charges to the District in the amount of \$872.26.

**Operation and Maintenance**

The statement for November from Fluid Resource Management (FRM) is attached.

|   | <u>Nov 22</u>     |
|---|-------------------|
| <b>Ordinary Income/Expense</b>                |                   |
| <b>Income</b>                                 |                   |
| 4000 · Income Summary                         |                   |
| 4010 · Operating Revenue                      | 80,700.23         |
| 4012 · Solid Waste Franchise Fee              | 1,165.52          |
| 4030 · County Taxes                           | 53,788.81         |
| 4050 · Harbor Charges                         |                   |
| 4052 · Front Street Lighting                  | 245.12            |
| 4053 · WWTP O&M                               | 45,007.00         |
| <b>Total 4050 · Harbor Charges</b>            | <u>45,252.12</u>  |
| <b>Total 4000 · Income Summary</b>            | <u>180,906.68</u> |
| <b>Total Income</b>                           | <u>180,906.68</u> |
| <b>Gross Profit</b>                           | 180,906.68        |
| <b>Expense</b>                                |                   |
| 5100 · Merchant Credit Card Fees              |                   |
| 5110 · Amex                                   | 11.00             |
| 5120 · Chase Paymentech                       | 460.29            |
| 5140 · Invoice Cloud                          | 435.82            |
| <b>Total 5100 · Merchant Credit Card Fees</b> | <u>907.11</u>     |
| 5200 · Payroll Expenses                       |                   |
| 5210 · Gross Wages                            |                   |
| 5211 · Regular Pay                            | 3,358.21          |
| 5012 · Holiday Pay                            | 446.52            |
| 5014 · Sick Pay                               | 0.00              |
| 5016 · Vacation Pay                           | 0.00              |
| <b>Total 5210 · Gross Wages</b>               | <u>3,804.73</u>   |
| 5230 · Payroll Taxes                          | 66.77             |
| 5240 · Health & Medical Exp.                  |                   |
| 5242 · Health Ins / Other                     | 800.00            |
| <b>Total 5240 · Health &amp; Medical Exp.</b> | <u>800.00</u>     |
| 5250 · PERS Company Pd Expense                |                   |
| 5256 · PERS Co Pd Kristi                      | 237.80            |
| <b>Total 5250 · PERS Company Pd Expense</b>   | <u>237.80</u>     |

Avila Beach Community Services District  
Profit & Loss  
November 2022

|   | <u>Nov 22</u>     |
|---|-------------------|
| 5280 · Payroll Administration & Misc.             | 114.32            |
| <b>Total 5200 · Payroll Expenses</b>              | <b>5,023.62</b>   |
| <b>6000 · Administrative Overheads</b>            |                   |
| 6102 · Accounting                                 | 1,020.00          |
| 6115 · Bank Service Charges                       | 60.00             |
| 6135 · Legal                                      | 46.00             |
| 6140 · Office Supplies & Postage                  |                   |
| 6142 · Postage & Shipping                         | 582.28            |
| 6143 · Supplies, Office                           | 430.53            |
| <b>Total 6140 · Office Supplies &amp; Postage</b> | <b>1,012.81</b>   |
| 6150 · Rate Assistance                            | 872.26            |
| 6170 · Website                                    | 200.00            |
| <b>Total 6000 · Administrative Overheads</b>      | <b>3,211.07</b>   |
| <b>6500 · Operating Expenses</b>                  |                   |
| 6503 · Chemicals                                  | 4,527.79          |
| 6505 · Contract Labor O & M                       | 63,856.14         |
| 6506 · Contract Labor GM                          | 10,950.00         |
| 6507 · Contract Labor Civil Engineer              | 7,800.00          |
| 6520 · Equipment Repair & Maint.                  |                   |
| 6522 · Equip. Rep. & Maint-Avila & HD             | 29,283.75         |
| 6524 · Equip. Rep. & Maint. Avila Only            | 40.00             |
| <b>Total 6520 · Equipment Repair &amp; Maint.</b> | <b>29,323.75</b>  |
| 6525 · Fat Oil & Grease (FOG)                     | 99.25             |
| 6535 · Insurance P/L                              | 2,034.74          |
| 6540 · Lab Tests                                  | 6,356.00          |
| 6542 · Maintenance                                | 260.00            |
| 6550 · Operating Supplies                         | 41.47             |
| 6555 · Permits & Fees                             | 1,064.00          |
| 6565 · Regulatory Compliance                      | 1,318.08          |
| 6580 · Solids Handling                            | 1,942.13          |
| 6585 · Telephone / Internet                       | 312.30            |
| 6590 · Utilities                                  | 4,322.93          |
| 6500 · Operating Expenses - Other                 | 351.64            |
| <b>Total 6500 · Operating Expenses</b>            | <b>134,560.22</b> |
| <b>Total Expense</b>                              | <b>143,702.02</b> |
| <b>Net Ordinary Income</b>                        | <b>37,204.66</b>  |

|  | <u>Nov 22</u>            |
|--|--------------------------|
| <b>Other Income/Expense</b>                        |                          |
| <b>Other Income</b>                                |                          |
| 7200 · Non-Operating Income                        |                          |
| 7220 · CIP Harbor                                  | 24,661.00                |
| <b>Total 7200 · Non-Operating Income</b>           | <u>24,661.00</u>         |
| <b>Total Other Income</b>                          | 24,661.00                |
| <b>Other Expense</b>                               |                          |
| 8200 · Non-Operating Expenses                      |                          |
| 8230 · Capital Purchases in Prog Sani              |                          |
| 8245 · WWTP Improvement Project                    |                          |
| 8245g · WWTP Cannon CM Services                    | 7,259.71                 |
| 8245d · WWTP Wallace Group Enginee...              | 56,531.83                |
| 8245e · WWTP Construction                          | 33,753.55                |
| 8245f · WWTP Loan Admin Fees                       | 1,200.00                 |
| <b>Total 8245 · WWTP Improvement Project</b>       | <u>98,745.09</u>         |
| <b>Total 8230 · Capital Purchases in Prog Sani</b> | <u>98,745.09</u>         |
| <b>Total 8200 · Non-Operating Expenses</b>         | <u>98,745.09</u>         |
| <b>Total Other Expense</b>                         | <u>98,745.09</u>         |
| <b>Net Other Income</b>                            | <u>-74,084.09</u>        |
| <b>Net Income</b>                                  | <u><u>-36,879.43</u></u> |



Avila Beach Community Services District  
**Balance Sheet**  
As of November 30, 2022

|                                      | <u>Nov 30, 22</u>   |
|--------------------------------------|---------------------|
| <b>ASSETS</b>                        |                     |
| <b>Current Assets</b>                |                     |
| <b>Checking/Savings</b>              |                     |
| 1000 · Cash Summary                  |                     |
| 1005 · Customer Cash                 | 145.19              |
| 1008 · Petty Cash                    | 45.48               |
| 1010 · Pacific Premier Checking      | 765,623.09          |
| 1050 · LAIF                          | 3,903,397.55        |
| 1060 · US Bank MM WWTP               | 796,242.24          |
| <b>Total 1000 · Cash Summary</b>     | <u>5,465,453.55</u> |
| <b>Total Checking/Savings</b>        | 5,465,453.55        |
| <b>Accounts Receivable</b>           |                     |
| 1200 · *Accounts Receivable          | 192,161.00          |
| <b>Total Accounts Receivable</b>     | <u>192,161.00</u>   |
| <b>Other Current Assets</b>          |                     |
| 1250 · Receivables                   |                     |
| 1255 · Interest Receivable           | 3,166.38            |
| 1270 · Taxes Receivable              | 30,262.80           |
| 1280 · Water & Sewer Billings        | 125,446.34          |
| <b>Total 1250 · Receivables</b>      | <u>158,875.52</u>   |
| 1400 · Prepaid Summary               |                     |
| 1410 · Prepaid Insurance             | 14,290.68           |
| <b>Total 1400 · Prepaid Summary</b>  | <u>14,290.68</u>    |
| <b>Total Other Current Assets</b>    | <u>173,166.20</u>   |
| <b>Total Current Assets</b>          | 5,830,780.75        |
| <b>Fixed Assets</b>                  |                     |
| 1600 · Fixed Assets & Acc. Depr.     |                     |
| 1605 · Office Equipment              |                     |
| 1606 · Copier Samsung 2012           | 8,233.58            |
| 1609 · Office Equipment Accum Depr   | -8,233.58           |
| <b>Total 1605 · Office Equipment</b> | <u>0.00</u>         |

Avila Beach Community Services District  
Balance Sheet  
As of November 30, 2022

|   | Nov 30, 22    |
|---|---------------|
| <b>1610 · Fixed Asset -Office &amp; Admin.</b>      |               |
| 1612 · Office Furniture cost                        | 4,526.21      |
| 1614 · Office Furniture Accum Dep.                  | -4,526.21     |
| <b>Total 1610 · Fixed Asset -Office &amp; Ad...</b> | 0.00          |
| <b>1620 · Fixed Assets - Sanitary</b>               |               |
| 1622 · Land   | 60,314.10     |
| 1626 · Collection Assets                            |               |
| 1627 · Collection Assets Cost                       | 1,318,875.26  |
| 1628 · Collect Assets Accum Depr                    | -593,752.02   |
| <b>Total 1626 · Collection Assets</b>               | 725,123.24    |
| 1630 · Disposal Equipment                           |               |
| 1631 · Disposal Equip Cost                          | 611,174.66    |
| 1632 · Disposal Equip Accum Depr                    | -376,478.88   |
| <b>Total 1630 · Disposal Equipment</b>              | 234,695.78    |
| 1634 · Other Equipment                              |               |
| 1634a · Other Equipment Cost                        | 6,973.40      |
| <b>Total 1634 · Other Equipment</b>                 | 6,973.40      |
| 1635 · Treatment Plant                              |               |
| 1636 · Treatment Plant Original                     | 105,000.00    |
| 1637 · Treatment Plant Addition                     | 2,049,098.30  |
| 1638 · Treatment Plant Accum Dep                    | -1,318,518.37 |
| <b>Total 1635 · Treatment Plant</b>                 | 835,579.93    |
| 1642 · Treatment Equipment                          |               |
| 1643 · Treatment Equip Cost                         | 1,087,410.54  |
| 1644 · Treatment Equip Accum D...                   | -787,343.49   |
| 1642 · Treatment Equipment - Oth...                 | 205,485.61    |
| <b>Total 1642 · Treatment Equipment</b>             | 505,552.66    |
| <b>Total 1620 · Fixed Assets - Sanitary</b>         | 2,368,239.11  |
| <b>1650 · Fixed Assets - Water</b>                  |               |
| 1652 · Equipment                                    |               |
| 1653 · Equipment Cost                               | 21,136.28     |
| 1654 · Equipment Accum Depr                         | -21,136.28    |
| <b>Total 1652 · Equipment</b>                       | 0.00          |

Avila Beach Community Services District  
**Balance Sheet**  
As of November 30, 2022

|   | <u>Nov 30, 22</u>          |
|---|----------------------------|
| <b>1656 · Distribution Assets</b>                 |                            |
| 1657 · Distribution Assets Cost                   | 1,270,572.25               |
| 1658 · Dist Assets Accum Depr                     | <u>-724,007.77</u>         |
| <b>Total 1656 · Distribution Assets</b>           | <u>546,564.48</u>          |
| <b>Total 1650 · Fixed Assets - Water</b>          | 546,564.48                 |
| <b>1680 · Structures - Fixed Asset</b>            |                            |
| 1681 · Structures GFAAG - Sani & FA               | 82,207.29                  |
| 1682 · Gen / Fire Accum Dep                       | <u>-54,626.21</u>          |
| <b>Total 1680 · Structures - Fixed Asset</b>      | 27,581.08                  |
| <b>1690 · Construction in Progress</b>            | <u>599,761.81</u>          |
| <b>Total 1600 · Fixed Assets &amp; Acc. Depr.</b> | <u>3,542,146.48</u>        |
| <b>Total Fixed Assets</b>                         | 3,542,146.48               |
| <b>Other Assets</b>                               |                            |
| 1800 · Deferred Outflows of Resources             | <u>26,376.00</u>           |
| <b>Total Other Assets</b>                         | <u>26,376.00</u>           |
| <b>TOTAL ASSETS</b>                               | <u><u>9,399,303.23</u></u> |
| <b>LIABILITIES &amp; EQUITY</b>                   |                            |
| <b>Liabilities</b>                                |                            |
| <b>Current Liabilities</b>                        |                            |
| <b>Accounts Payable</b>                           |                            |
| 2100 · Accounts Payable                           | <u>189,519.83</u>          |
| <b>Total Accounts Payable</b>                     | 189,519.83                 |
| <b>Other Current Liabilities</b>                  |                            |
| 2200 · Payroll Liabilities                        |                            |
| 2201 · Accrued Payroll                            | 2,095.00                   |
| 2260 · Vacation Payable                           | 2,661.92                   |
| 2262 · Sick Pay Accrued                           | 1,381.88                   |
| 2250 · PERS Liability                             | <u>475.60</u>              |
| <b>Total 2200 · Payroll Liabilities</b>           | 6,614.40                   |

1:31 PM  
12/07/22  
Accrual Basis

Avila Beach Community Services District  
**Balance Sheet**  
As of November 30, 2022

|                                       | <u>Nov 30, 22</u>          |
|---------------------------------------|----------------------------|
| 2300 · Deposits Held                  |                            |
| 2303 · Water Deposits Held            | 6,430.00                   |
| Total 2300 · Deposits Held            | <u>6,430.00</u>            |
| Total Other Current Liabilities       | <u>13,044.40</u>           |
| Total Current Liabilities             | 202,564.23                 |
| Long Term Liabilities                 |                            |
| 2400 · Net Pension Liability          | 136,917.00                 |
| 2450 · U.S. Bank Loan WWTP            | 2,814,183.01               |
| 2500 · Deferred Inflows of Resources  | 5,752.00                   |
| Total Long Term Liabilities           | <u>2,956,852.01</u>        |
| Total Liabilities                     | 3,159,416.24               |
| Equity                                |                            |
| 3900 · Retained Earnings              | 7,148,342.43               |
| Net Income                            | <u>-908,455.44</u>         |
| Total Equity                          | <u>6,239,886.99</u>        |
| <b>TOTAL LIABILITIES &amp; EQUITY</b> | <b><u>9,399,303.23</u></b> |

**Avila Beach Community Services District**  
**Deposits by Fund**  
**November 2022**

12/07/22

| Type                   | Date       | Memo   | Split                  | Amount     | Balance    |
|------------------------|------------|--|------------------------|------------|------------|
| <b>General / Admin</b> |            |  |                        |            |            |
| Deposit                | 11/07/2022 | TCF FY 23 OCT ME - IMPR # 1 - Gen . 70, Water .25, Lights .... | 1010 · Pacific Prem... | -18,935.08 | -18,935.08 |
| Total General / Admin  |            |  |                        | -18,935.08 | -18,935.08 |
| <b>Lights</b>          |            |  |                        |            |            |
| Deposit                | 11/07/2022 | TCF FY 23 OCT ME - IMPR # 1 - Gen . 70, Water .25, Lights .... | 1010 · Pacific Prem... | -1,352.51  | -1,352.51  |
| Total Lights           |            |  |                        | -1,352.51  | -1,352.51  |
| <b>Sanitary</b>        |            |  |                        |            |            |
| Deposit                | 11/01/2022 | Sani Rec   | 1010 · Pacific Prem... | -452.54    | -452.54    |
| Deposit                | 11/01/2022 | Rate Assistance  | 1010 · Pacific Prem... | 15.00      | -437.54    |
| Deposit                | 11/01/2022 | Other 1  | 1010 · Pacific Prem... | 0.00       | -437.54    |
| Deposit                | 11/01/2022 | Other 2  | 1010 · Pacific Prem... | 0.00       | -437.54    |
| Deposit                | 11/02/2022 | Sani Rec   | 1010 · Pacific Prem... | -1,189.75  | -1,627.29  |
| Deposit                | 11/02/2022 | Rate Assistance  | 1010 · Pacific Prem... | 4.73       | -1,622.56  |
| Deposit                | 11/02/2022 | Other 1  | 1010 · Pacific Prem... | 0.00       | -1,622.56  |
| Deposit                | 11/02/2022 | Other 2  | 1010 · Pacific Prem... | 0.00       | -1,622.56  |
| Deposit                | 11/03/2022 | Sani Rec   | 1010 · Pacific Prem... | -1,067.87  | -2,690.43  |
| Deposit                | 11/03/2022 | Rate Assistance  | 1010 · Pacific Prem... | 26.42      | -2,664.01  |
| Deposit                | 11/03/2022 | Other 1  | 1010 · Pacific Prem... | 0.00       | -2,664.01  |
| Deposit                | 11/03/2022 | Other 2  | 1010 · Pacific Prem... | 158.47     | -2,505.54  |
| Deposit                | 11/04/2022 | Sani Rec   | 1010 · Pacific Prem... | -3,054.13  | -5,559.67  |
| Deposit                | 11/04/2022 | Rate Assistance  | 1010 · Pacific Prem... | 4.73       | -5,554.94  |
| Deposit                | 11/04/2022 | Other 1  | 1010 · Pacific Prem... | 0.00       | -5,554.94  |
| Deposit                | 11/04/2022 | Other 2  | 1010 · Pacific Prem... | -5.52      | -5,560.46  |
| Deposit                | 11/05/2022 | Sani Rec   | 1010 · Pacific Prem... | -98.67     | -5,659.13  |
| Deposit                | 11/05/2022 | Rate Assistance  | 1010 · Pacific Prem... | 0.00       | -5,659.13  |
| Deposit                | 11/05/2022 | Other 1  | 1010 · Pacific Prem... | 0.00       | -5,659.13  |
| Deposit                | 11/05/2022 | Other 2  | 1010 · Pacific Prem... | 0.00       | -5,659.13  |
| Deposit                | 11/06/2022 | Sani Rec   | 1010 · Pacific Prem... | -37.51     | -5,696.64  |
| Deposit                | 11/06/2022 | Rate Assistance  | 1010 · Pacific Prem... | 0.00       | -5,696.64  |
| Deposit                | 11/06/2022 | Other 1  | 1010 · Pacific Prem... | 0.00       | -5,696.64  |
| Deposit                | 11/06/2022 | Other 2  | 1010 · Pacific Prem... | 0.00       | -5,696.64  |
| Deposit                | 11/07/2022 | Sani Rec   | 1010 · Pacific Prem... | -6,266.49  | -11,963.13 |
| Deposit                | 11/07/2022 | Rate Assistance  | 1010 · Pacific Prem... | 0.00       | -11,963.13 |

**Avila Beach Community Services District  
Deposits by Fund  
November 2022**

12/07/22

| Type    | Date       | Memo  | Split                  | Amount     | Balance    |
|---------|------------|---|------------------------|------------|------------|
| Deposit | 11/07/2022 | Other 1   | 1010 · Pacific Prem... | 0.00       | -11,963.13 |
| Deposit | 11/07/2022 | Other 2   | 1010 · Pacific Prem... | 0.00       | -11,963.13 |
| Deposit | 11/07/2022 | TCF FY 23 OCT ME - Waste                                      | 1010 · Pacific Prem... | -26,738.69 | -38,701.82 |
| Deposit | 11/08/2022 | Sani Rec  | 1010 · Pacific Prem... | -1,193.49  | -39,895.31 |
| Deposit | 11/08/2022 | Rate Assistance   | 1010 · Pacific Prem... | 37.50      | -39,857.81 |
| Deposit | 11/08/2022 | Other 1   | 1010 · Pacific Prem... | 0.00       | -39,857.81 |
| Deposit | 11/08/2022 | Other 2   | 1010 · Pacific Prem... | -42.23     | -39,900.04 |
| Deposit | 11/09/2022 | Sani Rec  | 1010 · Pacific Prem... | -954.25    | -40,854.29 |
| Deposit | 11/09/2022 | Rate Assistance   | 1010 · Pacific Prem... | 0.00       | -40,854.29 |
| Deposit | 11/09/2022 | Other 1   | 1010 · Pacific Prem... | 0.00       | -40,854.29 |
| Deposit | 11/09/2022 | Other 2   | 1010 · Pacific Prem... | 0.00       | -40,854.29 |
| Deposit | 11/10/2022 | Sani Rec  | 1010 · Pacific Prem... | -2,326.03  | -43,180.32 |
| Deposit | 11/10/2022 | Rate Assistance   | 1010 · Pacific Prem... | 47.78      | -43,132.54 |
| Deposit | 11/10/2022 | Other 1   | 1010 · Pacific Prem... | 0.00       | -43,132.54 |
| Deposit | 11/10/2022 | Other 2   | 1010 · Pacific Prem... | 167.65     | -42,964.89 |
| Deposit | 11/10/2022 | Community Park Restrooms 9/29 - 10/27/22                      | 1010 · Pacific Prem... | -364.69    | -43,329.58 |
| Deposit | 11/10/2022 | 11/10/22 Booked Separately Community Park Restroom 9/29 - ... | 1010 · Pacific Prem... | 364.69     | -42,964.89 |
| Deposit | 11/11/2022 | Sani Rec  | 1010 · Pacific Prem... | -26.69     | -42,991.58 |
| Deposit | 11/11/2022 | Rate Assistance   | 1010 · Pacific Prem... | 0.00       | -42,991.58 |
| Deposit | 11/11/2022 | Other 1   | 1010 · Pacific Prem... | 0.00       | -42,991.58 |
| Deposit | 11/11/2022 | Other 2   | 1010 · Pacific Prem... | 0.00       | -42,991.58 |
| Deposit | 11/12/2022 | Sani Rec  | 1010 · Pacific Prem... | -79.09     | -43,070.67 |
| Deposit | 11/12/2022 | Rate Assistance   | 1010 · Pacific Prem... | 0.00       | -43,070.67 |
| Deposit | 11/12/2022 | Other 1   | 1010 · Pacific Prem... | 0.00       | -43,070.67 |
| Deposit | 11/12/2022 | Other 2   | 1010 · Pacific Prem... | 0.00       | -43,070.67 |
| Deposit | 11/14/2022 | Sani Rec  | 1010 · Pacific Prem... | -3,701.34  | -46,772.01 |
| Deposit | 11/14/2022 | Rate Assistance   | 1010 · Pacific Prem... | 13.05      | -46,758.96 |
| Deposit | 11/14/2022 | Other 1   | 1010 · Pacific Prem... | 0.00       | -46,758.96 |
| Deposit | 11/14/2022 | Other 2   | 1010 · Pacific Prem... | -77.15     | -46,836.11 |
| Deposit | 11/15/2022 | Sani Rec  | 1010 · Pacific Prem... | -1,055.89  | -47,892.00 |
| Deposit | 11/15/2022 | Rate Assistance   | 1010 · Pacific Prem... | 0.00       | -47,892.00 |
| Deposit | 11/15/2022 | Other 1   | 1010 · Pacific Prem... | 0.00       | -47,892.00 |
| Deposit | 11/15/2022 | Other 2   | 1010 · Pacific Prem... | 0.00       | -47,892.00 |
| Deposit | 11/16/2022 | Sani Rec  | 1010 · Pacific Prem... | -615.40    | -48,507.40 |
| Deposit | 11/16/2022 | Rate Assistance   | 1010 · Pacific Prem... | 33.87      | -48,473.53 |
| Deposit | 11/16/2022 | Other 1   | 1010 · Pacific Prem... | 0.00       | -48,473.53 |

**Avila Beach Community Services District**  
**Deposits by Fund**  
**November 2022**

12/07/22

| Type    | Date       | Memo            | Split                  | Amount     | Balance    |
|---------|------------|-----------------|------------------------|------------|------------|
| Deposit | 11/16/2022 | Other 2         | 1010 · Pacific Prem... | -77.15     | -48,550.68 |
| Deposit | 11/17/2022 | Sani Rec        | 1010 · Pacific Prem... | -788.76    | -49,339.44 |
| Deposit | 11/17/2022 | Rate Assistance | 1010 · Pacific Prem... | 17.46      | -49,321.98 |
| Deposit | 11/17/2022 | Other 1         | 1010 · Pacific Prem... | 0.00       | -49,321.98 |
| Deposit | 11/17/2022 | Other 2         | 1010 · Pacific Prem... | -200.69    | -49,522.67 |
| Deposit | 11/18/2022 | Sani Rec        | 1010 · Pacific Prem... | -11,676.88 | -61,199.55 |
| Deposit | 11/18/2022 | Rate Assistance | 1010 · Pacific Prem... | 51.70      | -61,147.85 |
| Deposit | 11/18/2022 | Other 1         | 1010 · Pacific Prem... | 0.00       | -61,147.85 |
| Deposit | 11/18/2022 | Other 2         | 1010 · Pacific Prem... | 0.00       | -61,147.85 |
| Deposit | 11/19/2022 | Sani Rec        | 1010 · Pacific Prem... | -9.79      | -61,157.64 |
| Deposit | 11/19/2022 | Rate Assistance | 1010 · Pacific Prem... | 0.00       | -61,157.64 |
| Deposit | 11/19/2022 | Other 1         | 1010 · Pacific Prem... | 0.00       | -61,157.64 |
| Deposit | 11/19/2022 | Other 2         | 1010 · Pacific Prem... | 0.00       | -61,157.64 |
| Deposit | 11/21/2022 | Sani Rec        | 1010 · Pacific Prem... | -551.93    | -61,709.57 |
| Deposit | 11/21/2022 | Rate Assistance | 1010 · Pacific Prem... | 0.00       | -61,709.57 |
| Deposit | 11/21/2022 | Other 1         | 1010 · Pacific Prem... | 0.00       | -61,709.57 |
| Deposit | 11/21/2022 | Other 2         | 1010 · Pacific Prem... | 0.00       | -61,709.57 |
| Deposit | 11/22/2022 | Sani Rec        | 1010 · Pacific Prem... | -1,355.47  | -63,065.04 |
| Deposit | 11/22/2022 | Rate Assistance | 1010 · Pacific Prem... | 0.00       | -63,065.04 |
| Deposit | 11/22/2022 | Other 1         | 1010 · Pacific Prem... | 0.00       | -63,065.04 |
| Deposit | 11/22/2022 | Other 2         | 1010 · Pacific Prem... | -180.89    | -63,245.93 |
| Deposit | 11/23/2022 | Sani Rec        | 1010 · Pacific Prem... | -51.37     | -63,297.30 |
| Deposit | 11/23/2022 | Rate Assistance | 1010 · Pacific Prem... | 0.00       | -63,297.30 |
| Deposit | 11/23/2022 | Other 1         | 1010 · Pacific Prem... | 0.00       | -63,297.30 |
| Deposit | 11/23/2022 | Other 2         | 1010 · Pacific Prem... | 0.00       | -63,297.30 |
| Deposit | 11/28/2022 | Sani Rec        | 1010 · Pacific Prem... | -225.09    | -63,522.39 |
| Deposit | 11/28/2022 | Rate Assistance | 1010 · Pacific Prem... | 27.23      | -63,495.16 |
| Deposit | 11/28/2022 | Other 1         | 1010 · Pacific Prem... | 0.00       | -63,495.16 |
| Deposit | 11/28/2022 | Other 2         | 1010 · Pacific Prem... | -212.67    | -63,707.83 |
| Deposit | 11/29/2022 | Sani Rec        | 1010 · Pacific Prem... | -19.56     | -63,727.39 |
| Deposit | 11/29/2022 | Rate Assistance | 1010 · Pacific Prem... | 3.90       | -63,723.49 |
| Deposit | 11/29/2022 | Other 1         | 1010 · Pacific Prem... | 0.00       | -63,723.49 |
| Deposit | 11/29/2022 | Other 2         | 1010 · Pacific Prem... | 0.00       | -63,723.49 |
| Deposit | 11/30/2022 | Sani Rec        | 1010 · Pacific Prem... | -66.88     | -63,790.37 |
| Deposit | 11/30/2022 | Rate Assistance | 1010 · Pacific Prem... | 9.46       | -63,780.91 |



**Avila Beach Community Services District**  
**Deposits by Fund**  
**November 2022**

12/07/22

| Type               | Date       | Memo                               | Split                  | Amount     | Balance    |
|--------------------|------------|------------------------------------|------------------------|------------|------------|
| Deposit            | 11/30/2022 | Other 1                            | 1010 · Pacific Prem... | 0.00       | -63,780.91 |
| Deposit            | 11/30/2022 | Other 2                            | 1010 · Pacific Prem... | 0.00       | -63,780.91 |
| Total Sanitary     |            |                                    |                        | -63,780.91 | -63,780.91 |
| <b>Solid Waste</b> |            |                                    |                        |            |            |
| Deposit            | 11/16/2022 | Waste Connections Franchise Fee SW | 1010 · Pacific Prem... | -1,165.52  | -1,165.52  |
| Total Solid Waste  |            |                                    |                        | -1,165.52  | -1,165.52  |
| <b>Water</b>       |            |                                    |                        |            |            |
| Deposit            | 11/01/2022 | Water Rec                          | 1010 · Pacific Prem... | -530.94    | -530.94    |
| Deposit            | 11/01/2022 | Rate Assistance                    | 1010 · Pacific Prem... | 23.07      | -507.87    |
| Deposit            | 11/01/2022 | Other 1                            | 1010 · Pacific Prem... | 0.00       | -507.87    |
| Deposit            | 11/01/2022 | Other 2                            | 1010 · Pacific Prem... | 0.00       | -507.87    |
| Deposit            | 11/02/2022 | Water Rec                          | 1010 · Pacific Prem... | -1,154.84  | -1,662.71  |
| Deposit            | 11/02/2022 | Rate Assistance                    | 1010 · Pacific Prem... | 10.70      | -1,652.01  |
| Deposit            | 11/02/2022 | Other 1                            | 1010 · Pacific Prem... | 0.00       | -1,652.01  |
| Deposit            | 11/02/2022 | Other 2                            | 1010 · Pacific Prem... | 0.00       | -1,652.01  |
| Deposit            | 11/03/2022 | Water Rec                          | 1010 · Pacific Prem... | -1,113.45  | -2,765.46  |
| Deposit            | 11/03/2022 | Rate Assistance                    | 1010 · Pacific Prem... | 57.34      | -2,708.12  |
| Deposit            | 11/03/2022 | Other 1                            | 1010 · Pacific Prem... | 0.00       | -2,708.12  |
| Deposit            | 11/03/2022 | Other 2                            | 1010 · Pacific Prem... | 0.00       | -2,708.12  |
| Deposit            | 11/04/2022 | Water Rec                          | 1010 · Pacific Prem... | -2,778.10  | -5,486.22  |
| Deposit            | 11/04/2022 | Rate Assistance                    | 1010 · Pacific Prem... | 10.70      | -5,475.52  |
| Deposit            | 11/04/2022 | Other 1                            | 1010 · Pacific Prem... | 0.00       | -5,475.52  |
| Deposit            | 11/04/2022 | Other 2                            | 1010 · Pacific Prem... | 0.00       | -5,475.52  |
| Deposit            | 11/05/2022 | Water Rec                          | 1010 · Pacific Prem... | -168.86    | -5,644.38  |
| Deposit            | 11/05/2022 | Rate Assistance                    | 1010 · Pacific Prem... | 0.00       | -5,644.38  |
| Deposit            | 11/05/2022 | Other 1                            | 1010 · Pacific Prem... | 0.00       | -5,644.38  |
| Deposit            | 11/05/2022 | Other 2                            | 1010 · Pacific Prem... | 0.00       | -5,644.38  |
| Deposit            | 11/06/2022 | Water Rec                          | 1010 · Pacific Prem... | -57.68     | -5,702.06  |
| Deposit            | 11/06/2022 | Rate Assistance                    | 1010 · Pacific Prem... | 0.00       | -5,702.06  |
| Deposit            | 11/06/2022 | Other 1                            | 1010 · Pacific Prem... | 0.00       | -5,702.06  |
| Deposit            | 11/06/2022 | Other 2                            | 1010 · Pacific Prem... | 0.00       | -5,702.06  |
| Deposit            | 11/07/2022 | Water Rec                          | 1010 · Pacific Prem... | -2,286.58  | -7,988.64  |
| Deposit            | 11/07/2022 | Rate Assistance                    | 1010 · Pacific Prem... | 0.00       | -7,988.64  |

**Avila Beach Community Services District**  
**Deposits by Fund**  
**November 2022**

12/07/22

| Type    | Date       | Memo  | Split                  | Amount    | Balance    |
|---------|------------|---|------------------------|-----------|------------|
| Deposit | 11/07/2022 | Other 1   | 1010 · Pacific Prem... | 0.00      | -7,988.64  |
| Deposit | 11/07/2022 | Other 2   | 1010 · Pacific Prem... | 0.00      | -7,988.64  |
| Deposit | 11/07/2022 | TCF FY 23 OCT ME - IMPR # 1 - Gen . 70, Water .25, Lights ...     | 1010 · Pacific Prem... | -6,762.53 | -14,751.17 |
| Deposit | 11/08/2022 | Water Rec   | 1010 · Pacific Prem... | -1,369.95 | -16,121.12 |
| Deposit | 11/08/2022 | Rate Assistance   | 1010 · Pacific Prem... | 57.70     | -16,063.42 |
| Deposit | 11/08/2022 | Other 1   | 1010 · Pacific Prem... | 0.00      | -16,063.42 |
| Deposit | 11/08/2022 | Other 2   | 1010 · Pacific Prem... | 0.00      | -16,063.42 |
| Deposit | 11/09/2022 | Water Rec   | 1010 · Pacific Prem... | -3,790.67 | -19,854.09 |
| Deposit | 11/09/2022 | Rate Assistance   | 1010 · Pacific Prem... | 0.00      | -19,854.09 |
| Deposit | 11/09/2022 | Other 1   | 1010 · Pacific Prem... | 0.00      | -19,854.09 |
| Deposit | 11/09/2022 | Other 2   | 1010 · Pacific Prem... | 0.00      | -19,854.09 |
| Deposit | 11/10/2022 | Water Rec   | 1010 · Pacific Prem... | -6,680.41 | -26,534.50 |
| Deposit | 11/10/2022 | Rate Assistance   | 1010 · Pacific Prem... | 70.05     | -26,464.45 |
| Deposit | 11/10/2022 | Other 1   | 1010 · Pacific Prem... | 0.00      | -26,464.45 |
| Deposit | 11/10/2022 | Other 2   | 1010 · Pacific Prem... | 0.00      | -26,464.45 |
| Deposit | 11/10/2022 | San Juan Irrigation 9/29 - 10/27/22                               | 1010 · Pacific Prem... | -3,159.36 | -29,623.81 |
| Deposit | 11/10/2022 | Front Street Irrigation 9/29 - 10/27/22                           | 1010 · Pacific Prem... | -947.68   | -30,571.49 |
| Deposit | 11/10/2022 | Community Park Restrooms 9/29 - 10/27/22                          | 1010 · Pacific Prem... | -262.54   | -30,834.03 |
| Deposit | 11/10/2022 | 11/10/22 Booked Separately San Juan Park Irrigation 9/29 - 1...   | 1010 · Pacific Prem... | 3,159.36  | -27,674.67 |
| Deposit | 11/10/2022 | 11/10/22 Booked Separately Front Street Irrigation 9/29 - 10/2... | 1010 · Pacific Prem... | 947.68    | -26,726.99 |
| Deposit | 11/10/2022 | 11/10/22 Booked Separately Community Park Restroom 9/29 -...      | 1010 · Pacific Prem... | 262.54    | -26,464.45 |
| Deposit | 11/11/2022 | Water Rec   | 1010 · Pacific Prem... | -53.50    | -26,517.95 |
| Deposit | 11/11/2022 | Rate Assistance   | 1010 · Pacific Prem... | 0.00      | -26,517.95 |
| Deposit | 11/11/2022 | Other 1   | 1010 · Pacific Prem... | 0.00      | -26,517.95 |
| Deposit | 11/11/2022 | Other 2   | 1010 · Pacific Prem... | 0.00      | -26,517.95 |
| Deposit | 11/12/2022 | Water Rec   | 1010 · Pacific Prem... | -70.22    | -26,588.17 |
| Deposit | 11/12/2022 | Rate Assistance   | 1010 · Pacific Prem... | 0.00      | -26,588.17 |
| Deposit | 11/12/2022 | Other 1   | 1010 · Pacific Prem... | 0.00      | -26,588.17 |
| Deposit | 11/12/2022 | Other 2   | 1010 · Pacific Prem... | 0.00      | -26,588.17 |
| Deposit | 11/14/2022 | Water Rec   | 1010 · Pacific Prem... | -4,674.09 | -31,262.26 |
| Deposit | 11/14/2022 | Rate Assistance   | 1010 · Pacific Prem... | 13.21     | -31,249.05 |
| Deposit | 11/14/2022 | Other 1   | 1010 · Pacific Prem... | 0.00      | -31,249.05 |
| Deposit | 11/14/2022 | Other 2   | 1010 · Pacific Prem... | 0.00      | -31,249.05 |
| Deposit | 11/15/2022 | Water Rec   | 1010 · Pacific Prem... | -964.84   | -32,213.89 |
| Deposit | 11/15/2022 | Rate Assistance   | 1010 · Pacific Prem... | 0.00      | -32,213.89 |
| Deposit | 11/15/2022 | Other 1   | 1010 · Pacific Prem... | 0.00      | -32,213.89 |

**Avila Beach Community Services District  
Deposits by Fund  
November 2022**

12/07/22

| Type    | Date       | Memo            | Split                  | Amount     | Balance    |
|---------|------------|-----------------|------------------------|------------|------------|
| Deposit | 11/15/2022 | Other 2         | 1010 · Pacific Prem... | 0.00       | -32,213.89 |
| Deposit | 11/16/2022 | Water Rec       | 1010 · Pacific Prem... | -828.01    | -33,041.90 |
| Deposit | 11/16/2022 | Rate Assistance | 1010 · Pacific Prem... | 65.58      | -32,976.32 |
| Deposit | 11/16/2022 | Other 1         | 1010 · Pacific Prem... | 0.00       | -32,976.32 |
| Deposit | 11/16/2022 | Other 2         | 1010 · Pacific Prem... | 0.00       | -32,976.32 |
| Deposit | 11/17/2022 | Water Rec       | 1010 · Pacific Prem... | -895.36    | -33,871.68 |
| Deposit | 11/17/2022 | Rate Assistance | 1010 · Pacific Prem... | 23.91      | -33,847.77 |
| Deposit | 11/17/2022 | Other 1         | 1010 · Pacific Prem... | 0.00       | -33,847.77 |
| Deposit | 11/17/2022 | Other 2         | 1010 · Pacific Prem... | 0.00       | -33,847.77 |
| Deposit | 11/18/2022 | Water Rec       | 1010 · Pacific Prem... | -13,932.64 | -47,780.41 |
| Deposit | 11/18/2022 | Rate Assistance | 1010 · Pacific Prem... | 89.79      | -47,690.62 |
| Deposit | 11/18/2022 | Other 1         | 1010 · Pacific Prem... | 0.00       | -47,690.62 |
| Deposit | 11/18/2022 | Other 2         | 1010 · Pacific Prem... | 0.00       | -47,690.62 |
| Deposit | 11/19/2022 | Water Rec       | 1010 · Pacific Prem... | -49.32     | -47,739.94 |
| Deposit | 11/19/2022 | Rate Assistance | 1010 · Pacific Prem... | 0.00       | -47,739.94 |
| Deposit | 11/19/2022 | Other 1         | 1010 · Pacific Prem... | 0.00       | -47,739.94 |
| Deposit | 11/19/2022 | Other 2         | 1010 · Pacific Prem... | 0.00       | -47,739.94 |
| Deposit | 11/21/2022 | Water Rec       | 1010 · Pacific Prem... | -568.18    | -48,308.12 |
| Deposit | 11/21/2022 | Rate Assistance | 1010 · Pacific Prem... | 0.00       | -48,308.12 |
| Deposit | 11/21/2022 | Other 1         | 1010 · Pacific Prem... | 0.00       | -48,308.12 |
| Deposit | 11/21/2022 | Other 2         | 1010 · Pacific Prem... | 0.00       | -48,308.12 |
| Deposit | 11/22/2022 | Water Rec       | 1010 · Pacific Prem... | -791.62    | -49,099.74 |
| Deposit | 11/22/2022 | Rate Assistance | 1010 · Pacific Prem... | 0.00       | -49,099.74 |
| Deposit | 11/22/2022 | Other 1         | 1010 · Pacific Prem... | 0.00       | -49,099.74 |
| Deposit | 11/22/2022 | Other 2         | 1010 · Pacific Prem... | 0.00       | -49,099.74 |
| Deposit | 11/23/2022 | Water Rec       | 1010 · Pacific Prem... | -61.86     | -49,161.60 |
| Deposit | 11/23/2022 | Rate Assistance | 1010 · Pacific Prem... | 0.00       | -49,161.60 |
| Deposit | 11/23/2022 | Other 1         | 1010 · Pacific Prem... | 0.00       | -49,161.60 |
| Deposit | 11/23/2022 | Other 2         | 1010 · Pacific Prem... | 0.00       | -49,161.60 |
| Deposit | 11/28/2022 | Water Rec       | 1010 · Pacific Prem... | -900.37    | -50,061.97 |
| Deposit | 11/28/2022 | Rate Assistance | 1010 · Pacific Prem... | 45.32      | -50,016.65 |
| Deposit | 11/28/2022 | Other 1         | 1010 · Pacific Prem... | 0.00       | -50,016.65 |
| Deposit | 11/28/2022 | Other 2         | 1010 · Pacific Prem... | 0.00       | -50,016.65 |
| Deposit | 11/29/2022 | Water Rec       | 1010 · Pacific Prem... | -98.64     | -50,115.29 |
| Deposit | 11/29/2022 | Rate Assistance | 1010 · Pacific Prem... | 19.72      | -50,095.57 |
| Deposit | 11/29/2022 | Other 1         | 1010 · Pacific Prem... | 0.00       | -50,095.57 |

Avila Beach Community Services District  
**Deposits by Fund**  
 November 2022

12/07/22

| Type         | Date       | Memo            | Split                  | Amount             | Balance            |
|--------------|------------|-----------------|------------------------|--------------------|--------------------|
| Deposit      | 11/29/2022 | Other 2         | 1010 · Pacific Prem... | 0.00               | -50,095.57         |
| Deposit      | 11/30/2022 | Water Rec       | 1010 · Pacific Prem... | -548.37            | -50,643.94         |
| Deposit      | 11/30/2022 | Rate Assistance | 1010 · Pacific Prem... | 21.40              | -50,622.54         |
| Deposit      | 11/30/2022 | Other 1         | 1010 · Pacific Prem... | 0.00               | -50,622.54         |
| Deposit      | 11/30/2022 | Other 2         | 1010 · Pacific Prem... | 0.00               | -50,622.54         |
| Total Water  |            |                 |                        | -50,622.54         | -50,622.54         |
| <b>TOTAL</b> |            |                 |                        | <b>-135,856.56</b> | <b>-135,856.56</b> |

Avila Beach Community Services District  
**Checks by Fund w/Accounts**  
 November 2022

12/07/22

| Type  | Date       | Num  | Name                        | Memo   | Account                   | Amount     | Balance    |
|-------|------------|------|-----------------------------|--|---------------------------|------------|------------|
| Check | 11/01/2022 |      | Microsoft Store             | subscription                                   | 6143 · Supplies, Office   | 99.99      | 99.99      |
| Check | 11/02/2022 | EFT  | GetStreamline.com / Di...   | monthly ABCSD Streamline                       | 6170 · Website            | 200.00     | 299.99     |
| Check | 11/02/2022 |      | Paymenttech                 | merchant cc fees                               | 5120 · Chase Paymen...    | 6.32       | 306.31     |
| Check | 11/02/2022 |      | Paymenttech                 | merchant cc fees                               | 5120 · Chase Paymen...    | 11.70      | 318.01     |
| Check | 11/02/2022 |      | Caltronics Business Sys...  |  | 6550 · Operating Sup...   | 41.47      | 359.48     |
| Check | 11/03/2022 | 3344 | Hagemann & Associates       | Inv. 1199 11/3/22 Contract Labor Oct 9th - ... | 6506 · Contract Labor ... | 3,150.00   | 3,509.48   |
| Check | 11/03/2022 | 3345 | City National Bank          | 1st Annual Payment for Loan WWTP Upgr...       | 2450 · U.S. Bank Loa...   | 205,816.99 | 209,326.47 |
| Check | 11/03/2022 |      | U.S. Postal Service         |  | 6142 · Postage & Ship...  | 346.90     | 209,673.37 |
| Check | 11/03/2022 |      | Paymenttech                 | merchant cc fees                               | 5120 · Chase Paymen...    | 13.64      | 209,687.01 |
| Check | 11/04/2022 |      | U.S. Postal Service         |  | 6142 · Postage & Ship...  | 54.90      | 209,741.91 |
| Check | 11/04/2022 |      | Paymenttech                 | merchant cc fees                               | 5120 · Chase Paymen...    | 2.34       | 209,744.25 |
| Check | 11/07/2022 |      | Paymenttech                 | merchant cc fees                               | 5120 · Chase Paymen...    | 2.08       | 209,746.33 |
| Check | 11/07/2022 |      | American Express Disc...    | Amex   | 5110 · Amex               | 11.00      | 209,757.33 |
| Check | 11/08/2022 |      | Paymenttech                 | merchant cc fees                               | 5120 · Chase Paymen...    | 2.12       | 209,759.45 |
| Check | 11/08/2022 |      | InvoiceCloud                | Invoice Cloud merchant fees                    | 5140 · Invoice Cloud      | 435.82     | 210,195.27 |
| Check | 11/09/2022 | EFT  | Cal Tec Computers           | computer repairs                               | 6524 · Equip. Rep. & M... | 40.00      | 210,235.27 |
| Check | 11/09/2022 |      | Paymenttech                 | merchant cc fees                               | 5120 · Chase Paymen...    | 2.51       | 210,237.78 |
| Check | 11/09/2022 |      | Paymenttech                 | merchant cc fees                               | 5120 · Chase Paymen...    | 1.08       | 210,238.86 |
| Check | 11/10/2022 | 3347 | Price, Postal & Parma L...  | File. 24425-00001 Inv. 199413 10/17/22         | 6135 · Legal              | 46.00      | 210,284.86 |
| Check | 11/10/2022 | 3352 | Coastline Cleaning Co.      | Office Maintenance Inv. 3158 (Oct 2022)        | 6542 · Maintenance        | 165.00     | 210,449.86 |
| Check | 11/10/2022 | 3352 | Coastline Cleaning Co.      | Exterior Clean Up of Leaves, Sand and De...    | 6542 · Maintenance        | 25.00      | 210,474.86 |
| Check | 11/10/2022 | 3353 | Nikki Engle Bookkeeping     | 10/26/22 Inv. 3185 Bookkeeping                 | 6102 · Accounting         | 300.00     | 210,774.86 |
| Check | 11/10/2022 | 3353 | Nikki Engle Bookkeeping     | 10/26/22 Inv. 3185 Bookkeeping                 | 6102 · Accounting         | 240.00     | 211,014.86 |
| Check | 11/10/2022 |      | Paymenttech                 | merchant cc fees                               | 5120 · Chase Paymen...    | 4.67       | 211,019.53 |
| Check | 11/14/2022 | 3356 | Hagemann & Associates       | Inv. 1200 Oct 23rd - Nov 5th, 2023 Contra...   | 6506 · Contract Labor ... | 4,200.00   | 215,219.53 |
| Check | 11/14/2022 |      | RubberStamps                |  | 6143 · Supplies, Office   | 33.69      | 215,253.22 |
| Check | 11/15/2022 |      | Paymenttech                 | merchant cc fees                               | 5120 · Chase Paymen...    | 2.56       | 215,255.78 |
| Check | 11/16/2022 |      | Paymenttech                 | merchant cc fees                               | 5120 · Chase Paymen...    | 2.68       | 215,258.46 |
| Check | 11/16/2022 |      | Paymenttech                 | merchant cc fees                               | 5120 · Chase Paymen...    | 3.98       | 215,262.44 |
| Check | 11/17/2022 | 3357 | Nikki Engle Bookkeeping     | 11/2/22 Inv. 3190 Bookkeeping                  | 6102 · Accounting         | 240.00     | 215,502.44 |
| Check | 11/17/2022 | 3357 | Nikki Engle Bookkeeping     | 11/9/22 Bookkeeping                            | 6102 · Accounting         | 240.00     | 215,742.44 |
| Check | 11/17/2022 | 3359 | Creative Technologies, L... | Customer Number 849 Inv. 7761 11/11/22...      | 6142 · Postage & Ship...  | 180.48     | 215,922.92 |
| Check | 11/17/2022 |      | Paymenttech                 | merchant cc fees                               | 5120 · Chase Paymen...    | 300.00     | 216,222.92 |
| Check | 11/18/2022 | EFT  | Brezden Pest                |  | 6542 · Maintenance        | 70.00      | 216,292.92 |
| Check | 11/21/2022 | EFT  | PG&E                        | 100 San Luis St.                               | 6590 · Utilities          | 140.33     | 216,433.25 |
| Check | 11/22/2022 |      | Paymenttech                 | merchant cc fees                               | 5120 · Chase Paymen...    | 3.92       | 216,437.17 |
| Check | 11/23/2022 |      | Paymenttech                 | merchant cc fees                               | 5120 · Chase Paymen...    | 99.43      | 216,536.60 |
| Check | 11/25/2022 | EFT  | Spectrum                    | Acct #: 8245100980033571                       | 6585 · Telephone / Int... | 229.95     | 216,766.55 |
| Check | 11/28/2022 |      | Paymenttech                 | merchant cc fees                               | 5120 · Chase Paymen...    | 1.26       | 216,767.81 |
| Check | 11/28/2022 | ADJ  | Bank Adjustment             | Bank clrd ck # 5042 on 11/28/22 \$ 164.51 ...  | 6115 · Bank Service C...  | 60.00      | 216,827.81 |

**Avila Beach Community Services District  
Checks by Fund w/Accounts  
November 2022**

12/07/22

| Type                  | Date       | Num  | Name                             | Memo   | Account  | Amount               | Balance                  |
|-----------------------|------------|------|----------------------------------|--|--|----------------------|--------------------------|
| Check                 | 11/30/2022 | 3363 | Hagemann & Associates<br>Staples | GM Contract Labor Inv. 1201 Nov 6th - 19t... | 6506 · Contract Labor ...<br>6143 · Supplies, Office | 3,600.00<br>296.85   | 220,427.81<br>220,724.66 |
| Total General / Admin |            |      |                                  |  |  |                      |                          |
| <b>Lights</b>         |            |      |                                  |  |  |                      |                          |
| Check                 | 11/01/2022 | EFT  | PG&E                             | Town Lights acct # 0690976984-3              | 6590 · Utilities                                     | 446.34               | 446.34                   |
| Check                 | 11/21/2022 | EFT  | PG&E                             | Front St. Lights acct# 5796765606-7          | 6590 · Utilities                                     | 373.58               | 819.92                   |
| Total Lights          |            |      |                                  |  |  |                      |                          |
| <b>Sanitary</b>       |            |      |                                  |  |  |                      |                          |
| Check                 | 11/02/2022 | EFT  | South County Sanitary ...        | VOID: Acct. Number 4120-3104357 2 Yd ...     | 6590 · Utilities                                     | 0.00                 | 0.00                     |
| Check                 | 11/03/2022 | 3344 | Hagemann & Associates            | Contract Labor Sani. System                  | 6507 · Contract Labor ...                            | 1,800.00             | 1,800.00                 |
| Check                 | 11/03/2022 | 3346 | Fluid Resource Manage...         | A22223 Chemicals & Road Work Reflectors      | 6522 · Equip. Rep. & ...                             | 1,609.94             | 3,409.94                 |
| Check                 | 11/03/2022 | 3346 | Fluid Resource Manage...         | Sanitary Chemicals A22331 & Facia for th...  | 6503 · Chemicals                                     | 319.45               | 3,729.39                 |
| Check                 | 11/03/2022 | 3346 | Fluid Resource Manage...         | A22224 CIP Wastewater Treatment Plant ...    | 8245e · WWTP Const...                                | 960.67               | 4,690.06                 |
| Check                 | 11/03/2022 | 3346 | Fluid Resource Manage...         | A22224 Permit Application                    | 6565 · Regulatory Co...                              | 30.00                | 4,720.06                 |
| Check                 | 11/03/2022 | 3346 | Fluid Resource Manage...         | A22332 Black Venus M4                        | 8245e · WWTP Const...                                | 1,530.61             | 6,250.67                 |
| Check                 | 11/03/2022 | 3346 | Fluid Resource Manage...         | T22241 Plant Expansion Coordination          | 8245e · WWTP Const...                                | 5,318.21             | 11,568.88                |
| Check                 | 11/03/2022 | 3346 | Fluid Resource Manage...         | T22364 Plant Expansion Coordination          | 8245e · WWTP Const...                                | 1,523.15             | 13,092.03                |
| Check                 | 11/03/2022 | 3346 | Fluid Resource Manage...         | W22052 Lift Station HMBP Update              | 6522 · Equip. Rep. & ...                             | 350.00               | 13,442.03                |
| Check                 | 11/03/2022 | 3346 | Fluid Resource Manage...         | W22058 FFR Pump Install                      | 8245e · WWTP Const...                                | 1,458.95             | 14,900.98                |
| Check                 | 11/03/2022 | 3346 | Fluid Resource Manage...         | W22068 Clean FFR Return Line HOA swit...     | 8245e · WWTP Const...                                | 6,799.32             | 21,700.30                |
| Check                 | 11/03/2022 | 3346 | Fluid Resource Manage...         | W22069 Alarm Dosing Chamber                  | 8245e · WWTP Const...                                | 309.91               | 22,010.21                |
| Check                 | 11/03/2022 | 3346 | Fluid Resource Manage...         | W22083 Install New Air Scrubber              | 6522 · Equip. Rep. & ...                             | 1,004.98             | 23,015.19                |
| Check                 | 11/03/2022 | 3346 | Fluid Resource Manage...         | W22129 Alarm WWTP                            | 8245e · WWTP Const...                                | 3,091.47             | 26,106.66                |
| Check                 | 11/03/2022 | 3346 | Fluid Resource Manage...         | F22187 8/31/22                               | 6522 · Equip. Rep. & ...                             | 496.64               | 26,603.30                |
| Check                 | 11/03/2022 | 3346 | Fluid Resource Manage...         | F22324 9/30/22                               | 6505 · Contract Labor ...                            | 16,000.75            | 42,604.05                |
| Check                 | 11/03/2022 | 3346 | Fluid Resource Manage...         | F22378 10/31/22                              | 6505 · Contract Labor ...                            | 15,990.31            | 58,594.36                |
| Check                 | 11/03/2022 | 3346 | Fluid Resource Manage...         | W22135 Secondary SED                         | 6505 · Contract Labor ...                            | 15,979.87            | 74,574.23                |
| Check                 | 11/03/2022 | 3346 | Fluid Resource Manage...         | W22136 FFR Bearing issues                    | 6522 · Equip. Rep. & ...                             | 4,550.82             | 79,125.05                |
| Check                 | 11/03/2022 | 3346 | Fluid Resource Manage...         | W22147 CCC valve Replacement                 | 8245e · WWTP Const...                                | 1,514.28             | 80,639.33                |
| Check                 | 11/03/2022 | 3346 | Fluid Resource Manage...         | W22158 1st St. Booster Station Issues        | 6522 · Equip. Rep. & ...                             | 9,580.25             | 90,219.58                |
| Check                 | 11/03/2022 | 3346 | Fluid Resource Manage...         | W22257 CCC Replacement Construction          | 6522 · Equip. Rep. & ...                             | 7,255.22             | 97,474.80                |
| Check                 | 11/03/2022 | 3346 | Fluid Resource Manage...         | W22274 Recirculation Pump Diagnosis          | 8245e · WWTP Const...                                | 9,421.98             | 106,896.78               |
| Check                 | 11/03/2022 | 3346 | Fluid Resource Manage...         | W22299 Dagconnect Troubleshooting            | 6522 · Equip. Rep. & ...                             | 3,498.26             | 110,395.04               |
| Check                 | 11/03/2022 | 3346 | Fluid Resource Manage...         | W22307 Burglar Alarm Response                | 6522 · Equip. Rep. & ...                             | 437.64               | 110,832.68               |
| Check                 | 11/03/2022 | 3346 | Fluid Resource Manage...         | W22376 SCADA Alarm Issues                    | 6500 · Operating Exp...                              | 351.64               | 111,184.32               |
| Check                 | 11/10/2022 | 3348 | Yeh & Associates, Inc            | Final Design Services WWTP 1/21/22 22...     | 6522 · Equip. Rep. & ...                             | 500.00               | 111,684.32               |
| Check                 | 11/10/2022 | 3348 | Yeh & Associates, Inc            | Final Design Services WWTP 4/22/22 22...     | 8245d · WWTP Walla...<br>8245d · WWTP Walla...       | 2,575.00<br>1,350.00 | 114,259.32<br>115,609.32 |

**Avila Beach Community Services District**  
**Checks by Fund w/Accounts**  
**November 2022**

12/07/22

| Type           | Date       | Num  | Name                      | Memo   | Account                   | Amount    | Balance    |            |
|----------------|------------|------|---------------------------|--|---------------------------|-----------|------------|------------|
| Check          | 11/10/2022 | 3348 | Yeh & Associates, Inc     | Final Design Services WWTP 7/21/22, 2...       | 8245d · WWTP Walla...     | 986.45    | 116,595.77 |            |
| Check          | 11/10/2022 | 3348 | Yeh & Associates, Inc     | Final Design Services WWTP 8/20/22221...       | 8245d · WWTP Walla...     | 565.00    | 117,160.77 |            |
| Check          | 11/10/2022 | 3349 | US Bank                   | WWTP Loan Fees Inv. 6705202 Acct. 227...       | 8245f · WWTP Loan ...     | 1,200.00  | 118,360.77 |            |
| Check          | 11/10/2022 | 3350 | Padre Associates, Inc.    | 2022-2170 Cultural Resource Monitoring 1...    | 8245e · WWTP Const...     | 1,825.00  | 120,185.77 |            |
| Check          | 11/10/2022 | 3351 | Brenntag Pacific, Inc.    | BPI285098 10/27/22                             | 6503 · Chemicals          | 1,097.57  | 121,283.34 |            |
| Check          | 11/10/2022 | 3351 | Brenntag Pacific, Inc.    | BPI283433 10/20/22                             | 6503 · Chemicals          | 1,334.22  | 122,617.56 |            |
| Check          | 11/10/2022 | 3351 | Brenntag Pacific, Inc.    | BPI287445 11/3/22                              | 6503 · Chemicals          | 934.22    | 123,551.78 |            |
| Check          | 11/10/2022 | 3354 | Abalone Coast Analytic... | Statement: 5927 11/2/22                        | 6540 · Lab Tests          | 6,356.00  | 129,907.78 |            |
| Check          | 11/10/2022 | 3355 | Wallace Group, Inc.       | Inv. 57573 Project #: 0245-0014 10/25/22       | 6525 · Fat Oil & Greas... | 99.25     | 130,007.03 |            |
| Check          | 11/10/2022 | 3355 | Wallace Group, Inc.       | Inv. 57622 Project #: 0245-0012-00 10/26/...   | 8245d · WWTP Walla...     | 3,239.00  | 133,246.03 |            |
| Check          | 11/10/2022 | 3355 | Wallace Group, Inc.       | Inv. 57318 Project #: 0245-0012-00 10/7/22     | 8245d · WWTP Walla...     | 19,608.63 | 152,854.66 |            |
| Check          | 11/10/2022 | 3355 | Wallace Group, Inc.       | Inv. 57047 PProject #: 0245-0012-00 9/1/22     | 8245d · WWTP Walla...     | 28,207.75 | 181,062.41 |            |
| Check          | 11/14/2022 | 3356 | Hagemann & Associates     | Contract Labor Sanitary System                 | 6507 · Contract Labor ... | 1,800.00  | 182,862.41 |            |
| Check          | 11/15/2022 | EFT  | AT&T                      | acct # 287272916182                            | 6585 · Telephone / Int... | 23.50     | 182,885.91 |            |
| Check          | 11/17/2022 | 3358 | Cannon                    | MBR WWTP Project # 211211 Inv. # 8245...       | 8245g · WWTP Cann...      | 7,259.71  | 190,145.62 |            |
| Check          | 11/17/2022 | 3360 | Speed's, Inc.             | Solids Handling 11/9/22 Inv. 69117             | 6580 · Solids Handling    | 1,942.13  | 192,087.75 |            |
| Check          | 11/17/2022 | 3361 | SLO Co Health             | First Street Lift Station INV. 1040769 Rene... | 6555 · Permits & Fees     | 532.00    | 192,619.75 |            |
| Check          | 11/17/2022 | 3362 | SLO Co Health             | WWTP INV. 139873 Renewal 1/1/23 - 12/...       | 6555 · Permits & Fees     | 532.00    | 193,151.75 |            |
| Check          | 11/17/2022 | 3363 | Brenntag Pacific, Inc.    | BPI288439 11/10/22                             | 6503 · Chemicals          | 842.33    | 193,994.08 |            |
| Check          | 11/21/2022 | EFT  | AT&T                      | acct # x 0885 Internet                         | 6585 · Telephone / Int... | 58.85     | 194,052.93 |            |
| Check          | 11/21/2022 | EFT  | PG&E                      | 3rd & San Fran St. pump                        | 6590 · Utilities          | 2,662.63  | 196,715.56 |            |
| Check          | 11/21/2022 | EFT  | PG&E                      | Lift Station acct# 6338432238-2                | 6590 · Utilities          | 114.18    | 196,829.74 |            |
| Check          | 11/29/2022 |      | Great Western Alarm       | Replaced Wireless Batteries on Generator...    | 6590 · Utilities          | 384.00    | 197,213.74 |            |
| Check          | 11/30/2022 | 3363 | Hagemann & Associates     | Contract Labor Sanitary System                 | 6507 · Contract Labor ... | 1,350.00  | 198,563.74 |            |
| Check          | 11/30/2022 | ADJ  | BALANCE ADJUSTME...       | CC BALANCE ADJ CCs                             | 1280 · Water & Sewer...   | 830.05    | 199,393.79 |            |
| Total Sanitary |            |      |                           |  |                           |           | 199,393.79 | 199,393.79 |
| <b>Water</b>   |            |      |                           |  |                           |           |            |            |
| Check          | 11/03/2022 | 3344 | Hagemann & Associates     | Contract Labor Water System                    | 6507 · Contract Labor ... | 900.00    | 900.00     |            |
| Check          | 11/03/2022 | 3346 | Fluid Resource Manage...  | F22187 8/31/22                                 | 6505 · Contract Labor ... | 5,295.07  | 6,195.07   |            |
| Check          | 11/03/2022 | 3346 | Fluid Resource Manage...  | F22324 9/30/22                                 | 6505 · Contract Labor ... | 5,295.07  | 11,490.14  |            |
| Check          | 11/03/2022 | 3346 | Fluid Resource Manage...  | F22378 10/31/22                                | 6505 · Contract Labor ... | 5,295.07  | 16,785.21  |            |
| Check          | 11/03/2022 | 3346 | Fluid Resource Manage...  | W22248 Water Sampling Testing                  | 6565 · Regulatory Co...   | 1,288.08  | 18,073.29  |            |
| Check          | 11/14/2022 | 3356 | Hagemann & Associates     | Contract Labor Water System                    | 6507 · Contract Labor ... | 750.00    | 18,823.29  |            |
| Check          | 11/21/2022 | EFT  | PG&E                      | 1717 Cave Landing Rd.                          | 6590 · Utilities          | 201.87    | 19,025.16  |            |



Avila Beach Community Services District  
**Checks by Fund w/Accounts**  
 November 2022

12/07/22

| Type         | Date       | Num  | Name                  | Memo                        | Account                   | Amount   | Balance           |                   |
|--------------|------------|------|-----------------------|-----------------------------|---------------------------|----------|-------------------|-------------------|
| Check        | 11/30/2022 | 3363 | Hagemann & Associates | Contract Labor Water System | 6507 - Contract Labor ... | 1,200.00 | 20,225.16         |                   |
| Check        | 11/30/2022 | ADJ  | BALANCE ADJUSTME...   | CC BALANCE ADJ CCs          | 1280 - Water & Sewer...   | 830.05   | 21,055.21         |                   |
| Total Water  |            |      |                       |                             |                           |          | 21,055.21         | 21,055.21         |
| <b>TOTAL</b> |            |      |                       |                             |                           |          | <b>441,993.58</b> | <b>441,993.58</b> |



# FLUID RESOURCE MANAGEMENT

OPERATIONS . MAINTENANCE . MECHANICAL

2385 Precision Drive  
Arroyo Grande, CA 93420

# Statement

|         |
|---------|
| Date    |
| 12/2/22 |

Phone # 805.597.7100 Fax # 805.597.7171

California Certified Small Business #1120142

To:

Avila Beach Community Services District  
P.O. Box 309  
100 San Luis Street  
Avila Beach, CA 93424

|             |             |
|-------------|-------------|
| Amount Due  | Amount Enc. |
| \$29,059.07 |             |

| Date     | Transaction  | Amount    | Balance   |
|----------|--|-----------|-----------|
| 11/30/22 | 348F11001 Monthly OPS/Maint-<br>INV #F22475. Orig. Amount \$22,299.00.   | 22,299.00 | 22,299.00 |
| 11/16/22 | 348F11001 Monthly OPS/Maint:348FW11001<br>Water:348AW17001 Add Services water-<br>INV #A22476. Orig. Amount \$575.79.            | 575.79    | 22,874.79 |
| 11/16/22 | 348F11001 Monthly OPS/Maint:348FWW11001<br>Wastewater:348AWW17002 Add Services Wastewater-<br>INV #A22478. Orig. Amount \$95.01. | 95.01     | 22,969.80 |
| 11/17/22 | 348TWW21001 Plant Expansion Coordination-<br>INV #T22459. Orig. Amount \$125.00.   | 125.00    | 23,094.80 |
| 11/18/22 | W22351 LS Cleaning-<br>INV #W22351. Orig. Amount \$3,648.63.   | 3,648.63  | 26,743.43 |
| 11/18/22 | W22358 Influent High Level Alarm Call out-<br>INV #W22358. Orig. Amount \$1,615.64.  | 1,615.64  | 28,359.07 |
| 11/30/22 | W22453 Booster System Code Fix-<br>INV #W22453. Orig. Amount \$700.00.   | 700.00    | 29,059.07 |

| CURRENT   | 1-30 DAYS PAST DUE | 31-60 DAYS PAST DUE | 61-90 DAYS PAST DUE | OVER 90 DAYS PAST DUE | Amount Due  |
|-----------|--------------------|---------------------|---------------------|-----------------------|-------------|
| 29,059.07 | 0.00               | 0.00                | 0.00                | 0.00                  | \$29,059.07 |



December 6, 2022

Avila Beach Community Services District  
100 San Luis Street  
Avila Beach, CA 93424

**SUBJECT: NOVEMBER 2022 MONTHLY FACILITY REPORT FOR THE AVILA BEACH COMMUNITY SERVICES DISTRICT  
WASTEWATER TREATMENT PLANT, WATER SYSTEM, AND COLLECTION SYSTEM**

**WASTEWATER TREATMENT PLANT**

Areas within the wastewater plant that are known to accumulate solids continue to be manually cleaned on a regular basis. The Chlorine Contact Chamber floor is vacuumed out on a weekly basis. These solids, if left to decompose, can have a negative effect on the effluent quality leaving the facility.

Staff replaced one of the plug valves in the chlorine contact chamber; the remaining valves will be replaced in series to ensure proper operation of the contact chamber during the project.

Staff responded to a high lift station level alarm and found that one of the pumps was plugged by rags and undergarments that had been flushed; staff removed the materials plugging the pump and the system was returned to normal operations.

Installation of the Cloacina Package Wastewater Treatment Plant tanks by Cloacina and FRM's Mechanical Division began at the beginning of the month. The team continues to finalize installation of piping and ancillary equipment. Also, installation of new asphalt and stormwater swales onsite at the WWTP facility began the last week of November.

**WATER SYSTEM**

The small water storage tank continues to be used as standby, with FRM staff monitoring the water quality in the tank and flushing as needed. FRM Staff continues to monitor the chlorine residuals and provide additional chlorine as needed. Staff has been performing distribution flushing on an as-needed basis.

Staff completed SCADA reprogramming to address the booster pump and potable water tank setpoints.

**COMPLIANCE RECORD AND PLANT PERFORMANCE**

Staff compiled the data to complete the monthly Self-Monitoring Report and Discharge Monitoring Report in California Integrated Water Quality System (CIWQS). Once approved, the reports are uploaded into CIWQS and certified by ABCSD Staff.

Plant Design for Influent BOD is 270 mg/L. The permit limit for Effluent TSS and BOD is a Monthly Average of 40 mg/L with a Daily Maximum of 90 mg/L.

Sincerely,

**FLUID RESOURCE MANAGEMENT**

**ATTACHMENTS**

- Self-Monitoring Report
- ABCSD Average Daily WWTP Effluent Flow (2020-2022)
- ABCSD Monthly Total WWTP Effluent Flow (2020-2022)
- Port San Luis Monthly Total Flow (2020-2022)
- Monthly Average Influent BOD (2020-2022)
- Monthly Average Effluent BOD (2020-2022)
- Monthly Water Purchased from Lopez (2020-2022)
- ABCSD Monthly Water Sold (2020-2022)



# Avila Beach CSD Wastewater Treatment Facility

Monthly report due last day of following month  
Annual report due January 30

Month: **NOVEMBER 2022**

| Date  | Daily Flow (MGD) |   |           | Effluent Monitoring     |                         |                         |
|-------|------------------|---|-----------|-------------------------|-------------------------|-------------------------|
|       | Total            | Max (gpm)   | Avg (gpm) | Biweekly Total Coliform | Biweekly Fecal Coliform | Daily Chlorine Residual |
| 1     | 0.041219         | 72  | 29        | 14                      | <2                      | <0.02                   |
| 2     | 0.012340         | 68  | 9         |                         |                         | 0.02                    |
| 2     | ---              | ---   | ---       |                         |                         | <0.02                   |
| 3     | 0.031900         | 85  | 22        | 33                      | 8                       | <0.02                   |
| 4     | 0.038224         | 87  | 27        |                         |                         | <0.02                   |
| 5     | 0.052655         | 99  | 37        |                         |                         | <0.02                   |
| 6     | 0.045832         | 75  | 32        |                         |                         | <0.02                   |
| 7     | 0.038148         | 91  | 27        |                         |                         | <0.02                   |
| 8     | 0.037856         | 56  | 26        | <2                      | <2                      | <0.02                   |
| 9     | 0.040455         | 74  | 28        |                         |                         | <0.02                   |
| 10    | 0.038533         | 76  | 27        | 8                       | <2                      | <0.02                   |
| 11    | 0.047861         | 78  | 33        |                         |                         | <0.02                   |
| 12    | 0.057306         | 94  | 40        |                         |                         | <0.02                   |
| 13    | 0.053829         | 97  | 37        |                         |                         | <0.02                   |
| 14    | 0.040311         | 96  | 28        |                         |                         | <0.02                   |
| 15    | 0.035078         | 72  | 24        |                         |                         | <0.02                   |
| 16    | 0.035973         | 63  | 25        | <2                      | <2                      | <0.02                   |
| 17    | 0.033228         | 56  | 23        | <2                      | <2                      | <0.02                   |
| 18    | 0.035587         | 63  | 25        |                         |                         | <0.02                   |
| 19    | 0.049614         | 63  | 56        |                         |                         | <0.02                   |
| 20    | 0.050041         | 71  | 30        |                         |                         | <0.02                   |
| 21    | 0.047021         | 104   | 33        |                         |                         | <0.02                   |
| 22    | 0.040391         | 79  | 28        | <2                      | <2                      | <0.02                   |
| 23    | 0.048413         | 81  | 32        | 49                      | <2                      | <0.02                   |
| 24    | 0.047394         | 77  | 33        |                         |                         | <0.02                   |
| 25    | 0.055582         | 88  | 38        |                         |                         | <0.02                   |
| 26    | 0.055359         | 99  | 39        |                         |                         | <0.02                   |
| 27    | 0.042461         | 85  | 30        |                         |                         | <0.02                   |
| 28    | 0.041500         | 87  | 29        |                         |                         | <0.02                   |
| 29    | 0.024727         | 48  | 17        | <2                      | <2                      | <0.02                   |
| 30    | 0.029586         | 49  | 21        |                         |                         | <0.02                   |
| 31    |                  |   |           |                         |                         |                         |
| Min   | 0.012340         | 48  | 9         | <2                      | <2                      | <0.02                   |
| Mean  | 0.041547         | 77.8  | 29.5      | 11.6                    | <2                      | <0.02                   |
| Max   | 0.057306         | 104   | 56        | 49                      | 8                       | 0.02                    |
| Total | 1.248424         | Effluent daily (dry weather) flow NTE 0.2 MGD (mean). |           |                         |                         |                         |

| Effluent and Influent Monitoring |                               |                               |                               |                               |                                      |
|----------------------------------|-------------------------------|-------------------------------|-------------------------------|-------------------------------|--------------------------------------|
| Date                             | Biweekly Effluent BOD (24 HC) | Biweekly Effluent TSS (24 HC) | Biweekly Influent BOD (24 HC) | Biweekly Influent TSS (24 HC) | Monthly Effluent Oil & Grease (Grab) |
| 11/3/22                          | 17                            | 10                            | 305                           | 205                           |                                      |
| 11/6/22                          | 43                            | 26                            | 380                           | 386                           |                                      |
| 11/10/22                         | 30                            | 13                            | 503                           | 193                           |                                      |
| 11/13/22                         | 47                            | 25                            | 351                           | 239                           |                                      |
| 11/17/22                         | 24                            | 16                            | 319                           | 168                           |                                      |
| 11/20/22                         | 33                            | 28                            | 388                           | 276                           |                                      |
| 11/23/22                         | 44                            | 29                            | 255                           | 206                           |                                      |
| 11/27/22                         | 51                            | 34                            | 284                           | 233                           |                                      |
|                                  |                               |                               |                               |                               |                                      |
| Min                              | 17                            | 10                            | 255                           | 168                           |                                      |
| Mean                             | 36.1                          | 22.6                          | 348.1                         | 238.3                         |                                      |
| Max                              | 51                            | 34                            | 503                           | 386                           |                                      |
| BOD Removal: 89.6%               |                               |                               | TSS Removal: 90.5%            |                               |                                      |

| Effluent Monitoring |                           |                         |                  |                       |
|---------------------|---------------------------|-------------------------|------------------|-----------------------|
| Date                | Weekly Set. Solids (Grab) | Weekly Turbidity (Grab) | Weekly pH (Grab) | Weekly Temp °F (Grab) |
| 11/3/22             | <0.1                      | 22.0                    | 6.77             | 64                    |
| 11/10/22            | <0.1                      | 37                      | 6.6              | 64                    |
| 11/17/22            | <0.1                      | 24.1                    | 7.0              | 62                    |
| 11/23/22            | <0.1                      | 52                      | 7.2              | 63                    |
|                     |                           |                         |                  |                       |
| Min                 | <0.1                      | 22.0                    | 6.60             | 62                    |
| Mean                | <0.1                      | 33.8                    | 6.89             | 63.3                  |
| Max                 | <0.1                      | 52.0                    | 7.20             | 64                    |

| Effluent Limits   |            |                                |            |           |
|-------------------|------------|--------------------------------|------------|-----------|
| Parameter         | Units      | Monthly Avg                    | Weekly Avg | Daily Max |
| BOD               | mg/L       | 40                             | 60         | 90        |
| Suspended Solids  | mg/L       | 40                             | 60         | 90        |
| Oil and Grease    | mg/L       | 25                             | 40         | 75        |
| Turbidity         | NTU        | 75                             | 100        | 225       |
| Total Coliform    | MPN/100 mL | 7 Sample Median: 23            |            |           |
|                   |            | More than once in 30 days: 240 |            |           |
|                   |            | Daily Maximum: 2,400           |            |           |
| Chlorine Residual | mg/L       | 6 Month Median: 0.3            |            | 1.2       |
| pH                | pH units   | Between 6.0 - 9.0              |            |           |
| Settleable Solids | mL/L       | 1.0                            | 1.5        | 3.0       |
| BOD/TSS Removal   | %          | ≥ 75%                          | ***        | ***       |

I certify under penalty of perjury that the foregoing is true and accurate and that the sampling procedure and analysis used are as specified in the Waste Discharge Order for this facility.

| Influent Brine Received |                  |
|-------------------------|------------------|
| Date                    | Volume (Gallons) |
|                         | N/A              |
|                         |                  |

| Sludge Removal |         |
|----------------|---------|
| Date           | Gallons |
|                | N/A     |
|                |         |

SIGNATURE: \_\_\_\_\_

DATE: \_\_\_\_\_

PRINTED NAME: \_\_\_\_\_

TITLE: \_\_\_\_\_

# Avila Beach CSD Wastewater Treatment Facility

Monthly report due last day of following month  
Annual report due January 30

Month: **NOVEMBER 2022**

### Receiving Water Monitoring

| Parameter (mg/L) | Units              | Wastewater Treatment Plant Effluent* | RSW-A<br>500' West of Outfall Surface | RSW-B<br>At Outfall, In Surf | RSW-C<br>AB8<br>149 yds East of Pier,<br>last steps on rock wall | RSW-D<br>End of Avila Pier | RSW-E<br>San Luis Obispo<br>Creek, upstream of<br>tidal influence | RSW-F<br>At Outfall Terminus<br>Surface | RSW-G<br>At Outfall Terminus<br>Surface, if effluent<br>plume visible |
|------------------|--------------------|--------------------------------------|---------------------------------------|------------------------------|--|----------------------------|---|---|---|
| Date             | ---                | 11/1/22                              | 11/1/22                               | 11/1/22                      | 11/14/22   | 11/1/22                    | 11/1/22   | 11/1/22                                 | 11/1/22   |
| Latitude         | GPS<br>Coordinates | ---                                  | 35°10'16.6"N                          | 35°10'38.7"N                 | 35°10'40.7"N   | 35°10'26.9"N               | 35°10'54.3"N  | 35°10'15.3"N                            | ---   |
| Longitude        | GPS<br>Coordinates | ---                                  | 120°44'12.2"W                         | 120°44'4.1"W                 | 120°43'58.4"W  | 120°44'5.1"W               | 120°43'44.5"W   | 120°44'4.4"W                            | ---   |
| Total Coliform   | MPN/100mL          | 14                                   | 2                                     | 33                           | 52   | 7                          | >1,600  | 2                                       | No effluent plume<br>visible at time of<br>sampling.                  |
| Fecal Coliform   | MPN/100mL          | <2                                   | 2                                     | 33                           | 52   | 7                          | 170   | <2                                      |   |
| Enterococcus     | MPN/100mL          | <1                                   | 8                                     | 23                           | <10  | 12                         | 35  | 9                                       |   |

\*Wastewater Treatment Plant Effluent results are included as reference in the Receiving Water SMR; results are also reported in the routine monitoring SMR.

### Surface Water Limits

| Parameter  | Units      | 30-Day Geometric Mean | Single Sample Maximum |
|--|------------|-----------------------|-----------------------|
| Total Coliform   | MPN/100 mL | 1,000                 | 10,000                |
| Fecal Coliform   | MPN/100 mL | 200                   | 400                   |
| Enterococcus   | MPN/100 mL | 35                    | 104                   |
| Total coliform density shall not exceed 1,000 per 100 mL when the fecal coliform to total coliform ratio exceeds 0.1 |            |                       |                       |

The receiving water results attached and reported above are required due to an effluent coliform limit exceedance occurring on September 1, 2022. Avila Beach CSD will continue Receiving Water Monitoring as required by the Central Coast Regional Water Quality Control Board, and will report the tabular results of completed monitoring via this supplemental self-monitoring report component.

I certify under penalty of perjury that the foregoing is true and accurate and that the sampling procedure and analysis used are as specified in the Waste Discharge Order for this facility.

SIGNATURE: \_\_\_\_\_

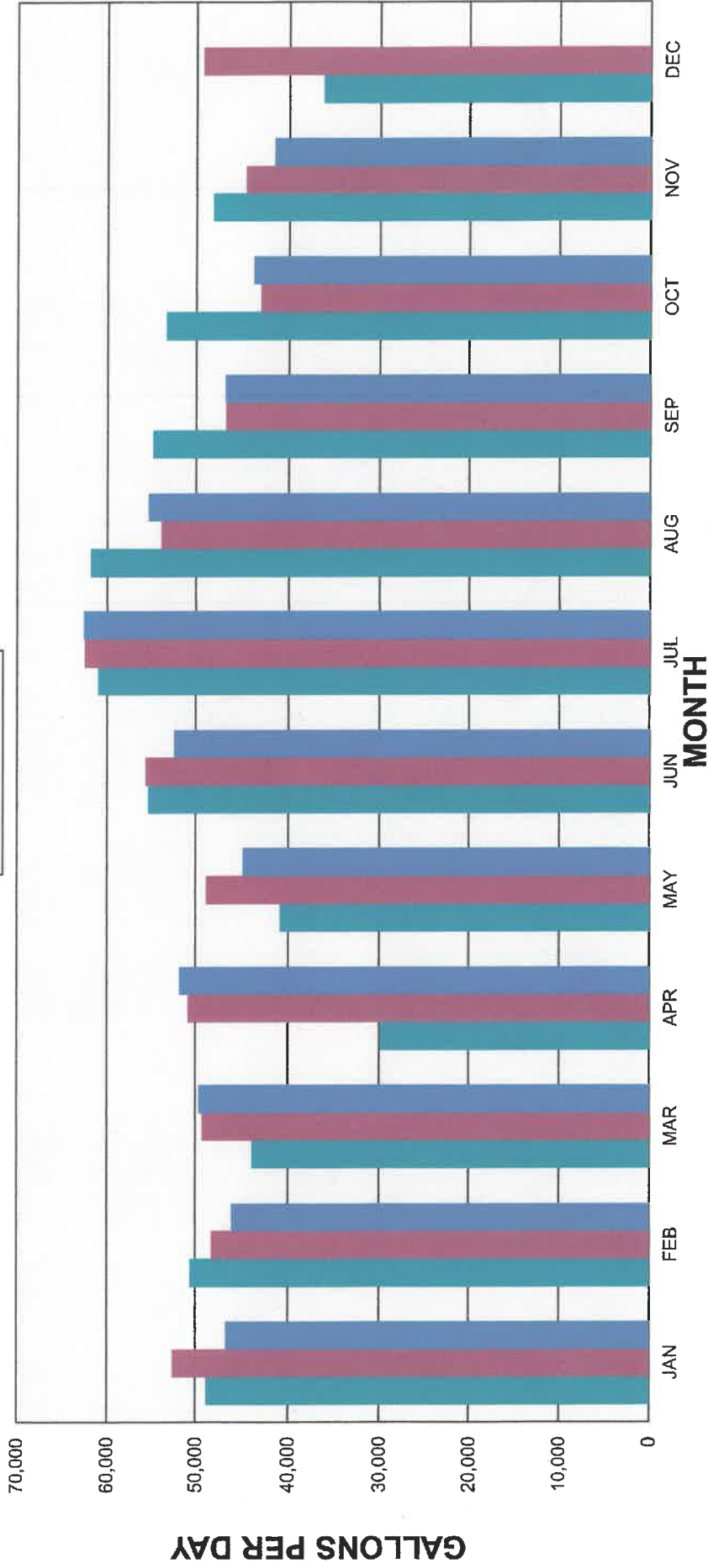
DATE: \_\_\_\_\_

PRINTED NAME: \_\_\_\_\_

TITLE: \_\_\_\_\_

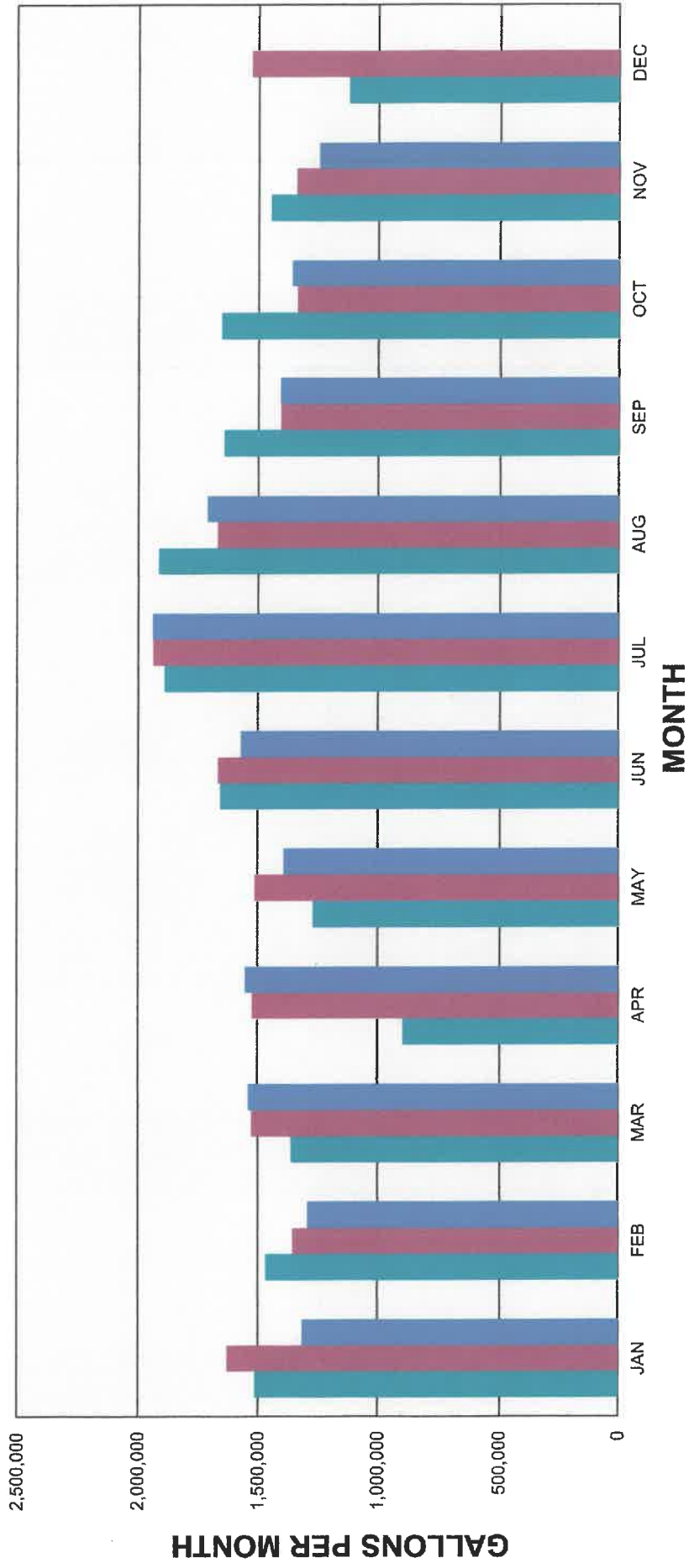
# ABCSD AVERAGE DAILY WWTP EFFLUENT FLOW (2020 - 2022)

■ 2020 ■ 2021 ■ 2022



# ABCSD MONTHLY TOTAL WWTP EFFLUENT FLOW (2020 - 2022)

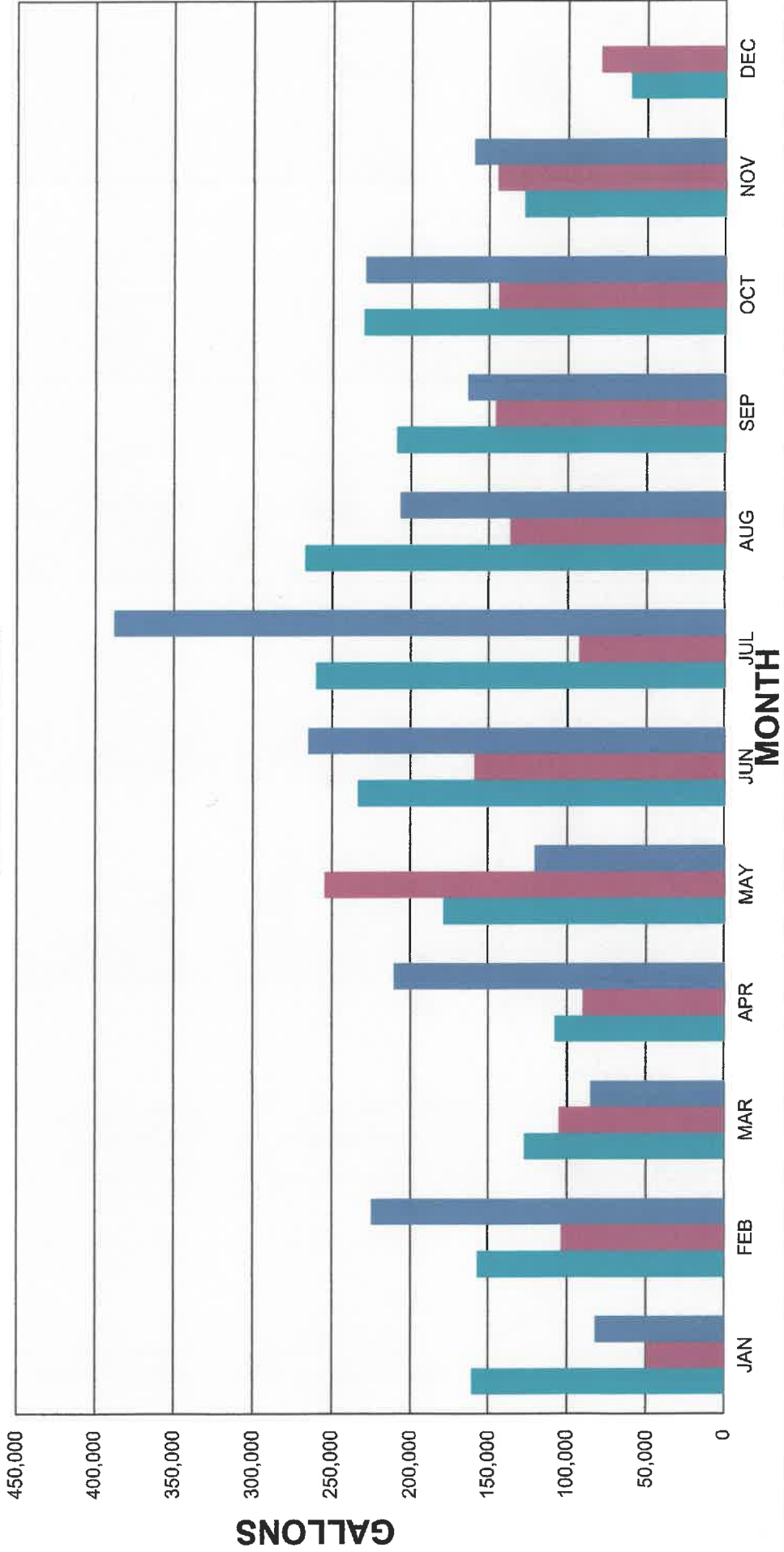
■ 2020
 ■ 2021
 ■ 2022





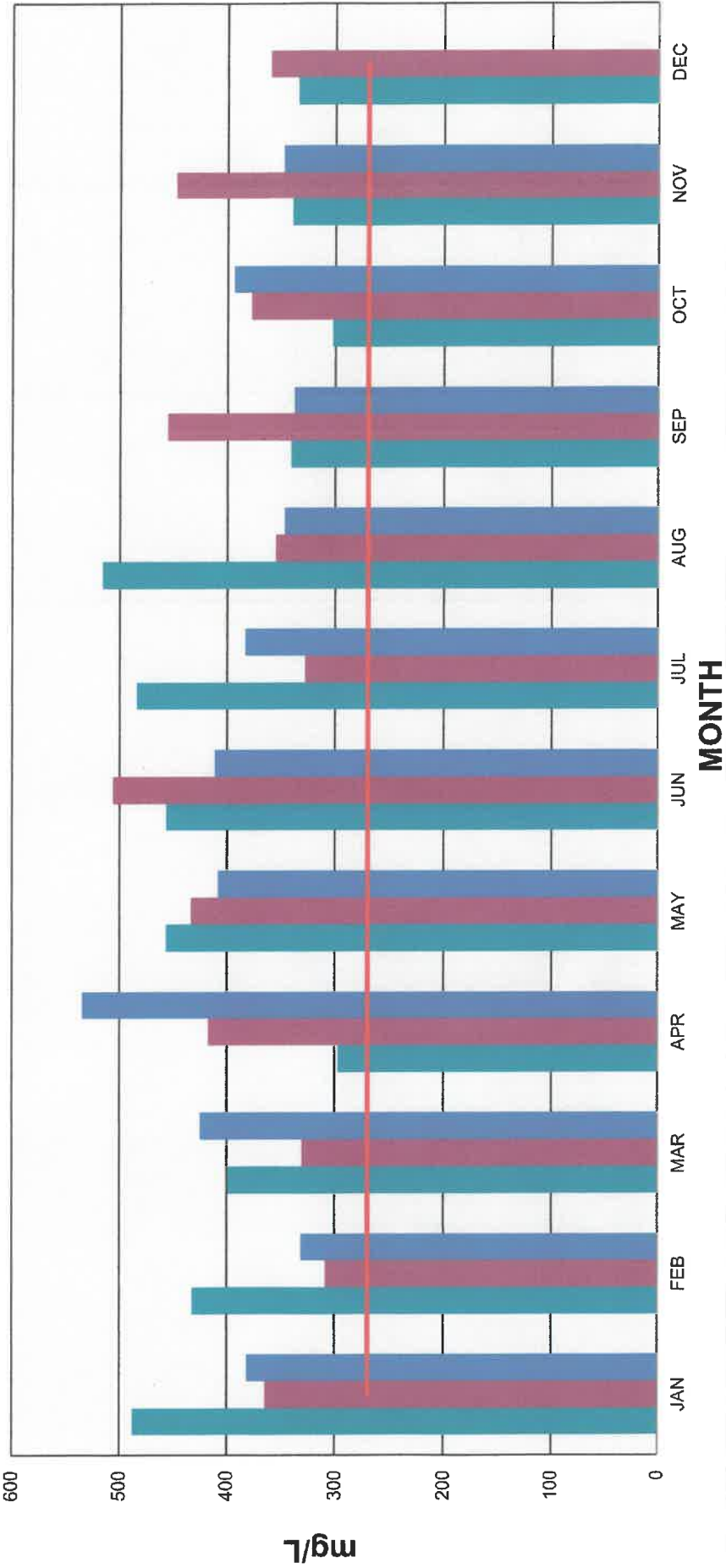
# PORT SAN LUIS MONTHLY TOTAL FLOW (2020 - 2022)

■ 2020 ■ 2021 ■ 2022

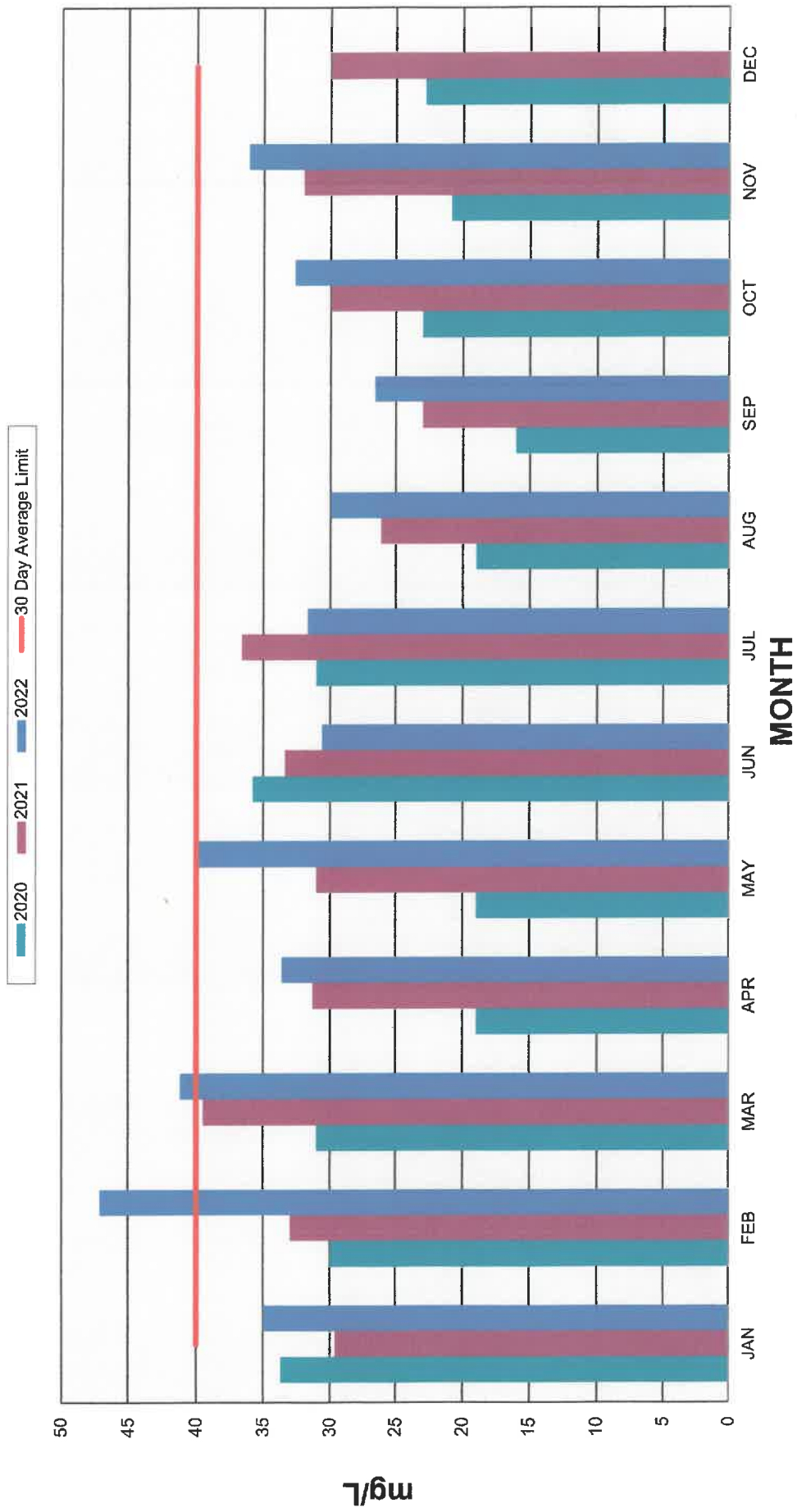


# ABCSD MONTHLY AVERAGE INFLUENT BOD (2020 - 2022)

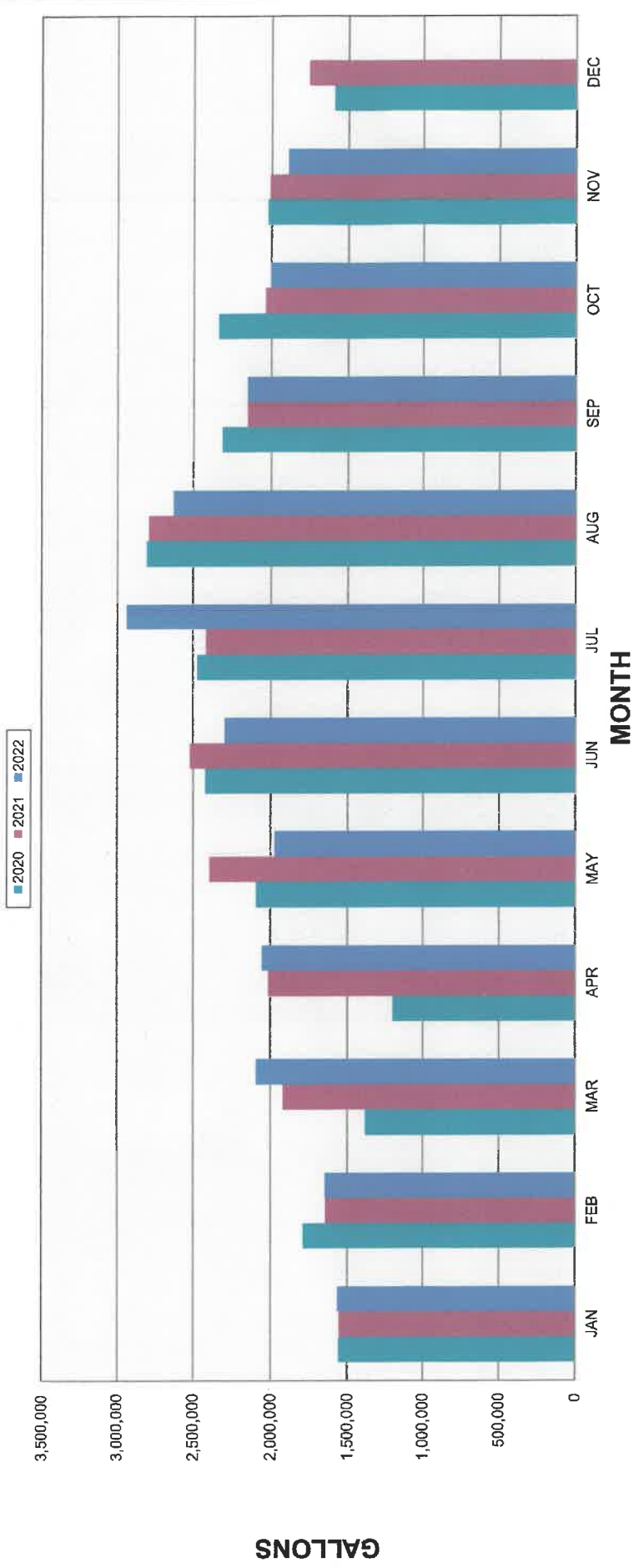
■ 2020   
 ■ 2021   
 ■ 2022   
 — WWTP Design



# ABCSD MONTHLY AVERAGE EFFLUENT BOD (2020 - 2022)

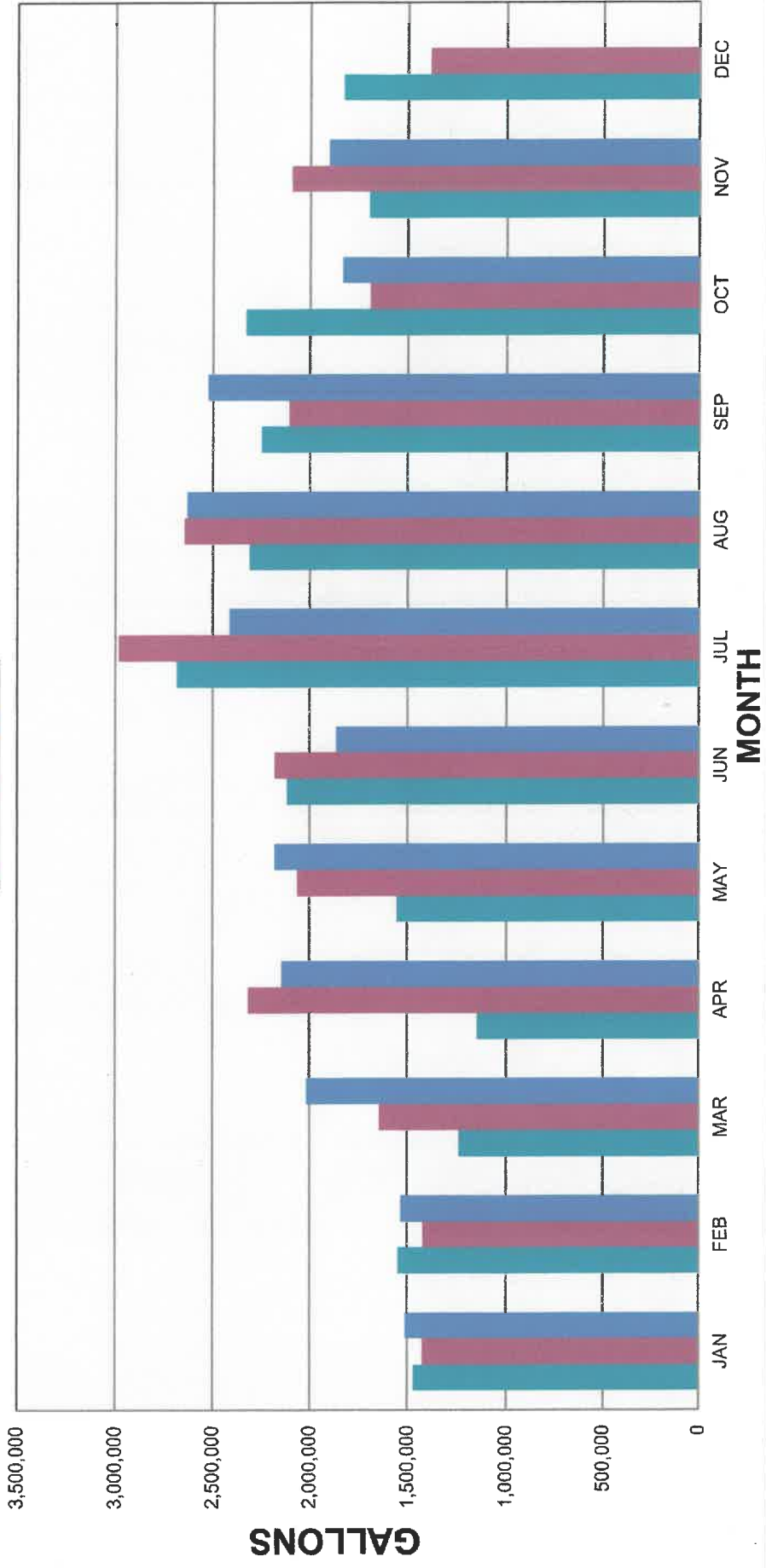


## ABCSD MONTHLY WATER PURCHASED FROM LOPEZ (2020 - 2022)



# ABCSD MONTHLY WATER SOLD (2020 - 2022)

■ 2020 ■ 2021 ■ 2022



**AVILA BEACH**  
**COMMUNITY SERVICES DISTRICT**

Post Office Box 309, Avila Beach, CA. 93424

**MEMORANDUM**

TO: Board of Directors

FROM: Kevin Mclean, SLO County Fire Marshal  
Via, Brad Hagemann, General Manager 

DATE: December 13, 2022

SUBJECT: Introduction of an ordinance amending Title 15 of the Avila Beach Community Services District Fire Code to be consistent with the most recently adopted State codes and general cleanup. Hearing set for January 10, 2023.

Recommendation:

It is recommended that the Board of Directors introduce the attached ordinance and set January 10, 2023 as the date to hold a public hearing on the proposed ordinance amendments.

Discussion:

This ordinance is being introduced on the December 13, 2022 agenda in order to hold a public hearing and take action at your January 10, 2023 meeting. Every three years, the California Fire codes are republished to incorporate all code changes accepted by a majority vote of the members attending the annual code development hearings. The State of California adopts and amends the most recent edition of these codes, which are subsequently published by the California Building Standards Commission.

The Commission completed the adoption process for the 2022 edition of the California Fire Code, also known as Title 24, Part 9 of the California Code of Regulations. As a result, the new code (2019 California Fire Code) will become effective statewide on January 1, 2023.

The proposed ordinance will amend existing chapters of the District Fire Code that adopt and amend the 2022 California Fire Code, including chapters and sections not adopted by agencies of the State of California, and appendices. .

Amendments for this adoption cycle include revisions primarily for clarification as part of a general cleanup within the Fire Prevention Ordinance. While many of the changes are to keep consistent with the revised codes, they also provide clarification and formatting changes for ease of use.

Before this Ordinance can be adopted it must be introduced before the Board and a public hearing must be set. Completing this action would allow the Board to take action on the Ordinance on January 10, 2023.

**ORDINANCE NO. 2022-01**

**AN ORDINANCE OF THE AVILA BEACH COMMUNITY SERVICES DISTRICT  
AMENDING AND RESTATING THE DISTRICT'S FIRE CODE FOUND IN TITLE 15  
OF THE AVILA BEACH COMMUNITY SERVICE DISTRICT CODES, INCLUDING  
THE ADOPTION OF THE 2022 EDITION OF THE CALIFORNIA FIRE CODE,  
INCLUDING ANNUAL SUPPLEMENTS AND STATE AMENDMENTS AND ERRATA.**

**WHEREAS**, it is the desire and intent of the Avila Beach Community Services District ("District") to provide citizens with the greatest degree of protection from fire; and

**WHEREAS**, the California Building Standards Code, Title 24, which incorporates the California Fire Code, is adopted every three years by order of the California Legislature with supplements published in intervening years;

**WHEREAS**, the District contracts with the California Department of Forestry and the Fire Protection for fire protection and enforcement of the District's Fire Code; and

**WHEREAS**, the Avila Beach Community Services District proposes to make certain changes in the requirements of the ~~2019-2022~~ California Fire Code which are more restrictive than State law and will affect all occupancies within the District; and

**WHEREAS**, California Health and Safety Code Section 17958.5 requires the District to make express findings that due to local climatic, geological, or topographical conditions that modifications and changes to the current California Building Code are reasonably necessary to provide sufficient and effective protection of life, health, and property before adopting such changes, and Section 17958.7 requires that such findings be filed with the California Building Standards Commission; and

**WHEREAS**, the latest edition of the California Building Standards Code was published and adopted this year and has the force of law beginning January 1, ~~2020-2023~~ and any local additions, amendments and deletions must then be incorporated; and

**WHEREAS**, this ordinance will adopt and amend the ~~2019~~ ~~2022~~ California Fire Code including annual supplements and State amendments and errata; and

**NOW THEREFORE**, the Board of Directors of the Avila Beach Community Services District ordains as follows:

**SECTION 1**

- A. **General:** Pursuant to Health and Safety Code §17958.5, the Avila Beach Community Services District hereby finds that due to local climatic, geologic and topographic conditions as stated in this section, that modifications and amendments, as identified in this Ordinance to the current California Building Standards Code (including the California Fire Code) are reasonably necessary to provide sufficient and effective protection of life, health and property.



B. **Climatic:** The hot, dry weather in combination with Santa Lucia winds frequently results in wildland fires in areas of the County of San Luis Obispo. These conditions create an environment where the entirety of local fire department personnel is required to control, monitor, fight and protect against such fire situations in an effort to protect life and preserve property. The same climatic conditions may result in the concurrent occurrence of one or more fires in the more populated areas of the County without adequate fire department personnel to protect against and control such a situation. During such periods, limited fire-fighting resources support the imposition of greater fire-protection requirements than set forth in the 2016-2022 California Fire Code.

C. **Geological:** The County of San Luis Obispo is in an area of high seismic risk. Four active faults are within the county, each capable of generating large, damaging earthquakes. These faults are: the San Andreas Fault, which trends northwest-southeast near the eastern boundary of San Luis Obispo County; the San Simeon Fault, which is part of the larger Hosgri Fault Zone and parallels the coastline in the northern part of San Luis Obispo County; the Los Osos Fault, which parallels the Los Osos Valley a few miles southwest of the city of San Luis Obispo; and the Oceanic Fault, which runs from the city of San Luis Obispo northwest toward the community of Cambria, and was the fault responsible for the Magnitude 6.5 San Simeon earthquake that affected the region in December 2003. In addition, there are several potentially active faults within the county, including the Rinconada Fault, the Huasna Fault, and the Nacimiento Fault Zone. These faults could also produce large earthquakes.

Earthquakes from these faults could produce primary effects such as strong ground shaking or ground rupture, and secondary effects such as liquefaction and landslides. These primary and secondary effects pose a significant hazard to the county's building stock and infrastructure, and to public health and safety. These hazards include strong shaking causing collapse of vulnerable buildings and bridges, ground rupture affecting roads and highways, and liquefaction damaging buildings, pipelines (water, gas, sewage), marine facilities (docks, jetties), railroads, and airports. Fire from broken gas lines and the lack of water from broken water lines could result in major damage. Landslides caused by strong shaking, possibly in combination with wet weather conditions, could block highways and railroads, thereby isolating parts of the county and affecting emergency response. Earthquake-induced landslides could also produce rockfalls that could strike and damage buildings and vehicles. Tsunamis could inundate the coastline. The protection of human life and the preservation of property in the event of such an occurrence support the imposition of fire protection requirements greater than set forth in the 2016 California Fire Code.

D. **Topographical:** The County of San Luis Obispo has rural areas that are in very high fire hazard areas. Due to varied topography, access to structures in rural areas increases response time and delays fire suppression efforts. An extended

response time will allow fires to grow beyond the control of initial attack fire suppression resources. Large structure fires in the hillside areas will have a greater likelihood of starting a wildland fire, which may expose additional structures to fire. The above described problems support the imposition of built-in fire protection requirements greater than those set forth in the 2016 California Fire Code.

**SECTION 2 Chapter 15.08 of the District's Fire Code is Amended and Restated as follows:**

Chapter 15.08  
Fire Control Regulations

Sections:

|           |   |
|-----------|---|
| 15.08.010 | Scope   |
| 15.08.020 | Nationally recognized standards                   |
| 15.08.030 | Adoption of the California Fire Code by reference |
| 15.08.050 | Definitions                                       |
| 15.08.060 | Authority to Inspect                              |
| 15.08.070 | Amendments made in the California Fire Code       |
| 15.08.080 | Fire Hazards/Weed and Waste Matter Abatement      |

**Title 15 HEALTH AND SAFETY**

**Chapter 15.08 FIRE CONTROL REGULATIONS**

**15.08.010 Scope.**

An Ordinance of the Avila Beach Community Services District amending and restating the District's Fire Code including adopting the 2019 edition of the California Fire Code with amendments, regulating and governing the safeguarding of life and property from fire and explosion hazards arising from the storage, handling and use of hazardous substances, materials and devices, and from conditions hazardous to life or property in the occupancy of buildings and premises in the Avila Beach Community Services District ("District") providing for the issuance of permits and collection of fees.

**15.08.020 Nationally recognized standards.**

Where no applicable standards or requirements are set out in this code, or contained within other laws, codes, regulations, ordinances or bylaws adopted by the District, compliance with applicable standards of the National Fire Protection Association or other nationally recognized fire-safety standards as approved by the fire chief shall be deemed prima facie evidence of compliance with the intent of this code.

**15.08.030 Adoption of the ~~2019-2022~~ California Fire Code by Reference.**

Except as amended by Sections 15.08.050 through 15.08.080 (below) the Avila Beach Community Services District adopts by reference the 2019 Fire Code including Appendix, Chapter 4, Section 103, Section 503 and Appendices, B, BB, C, CC, **F and H and P** as modified and amended. All other Appendices to the 2019 Fire Code are expressly not adopted. Title 15 of the Avila Beach Community Service District Regulations is hereby amended and restated accordingly. All annual supplements and State Amendments and Errata to the ~~2019~~ **2022** California Fire Code, that are not inconsistent with this Ordinance, are incorporated herein by reference.

**15.08.050 Definitions**

- A. District Fire Chief, Fire Chief or Chief Fire Official means the California Department of Forestry and Fire Protection/San Luis Obispo County Fire Chief.
- B. The District Fire Department means the California Department of Forestry and Fire Protection and employees, apparatus, materials and equipment assigned to it by the District and the California Department of Forestry and Fire Protection pursuant to contract.
- C. Property Owner means the owner of property whose name and address appears on the latest equalized County assessment roll.
- D. Governing Body or Appointing Authority means the District Board of Directors.
- E. Jurisdiction means the boundary of the Avila Beach Community Services District.

**15.08.060 Authority to Inspect**

Employees of the District Fire Department are authorized to enter upon any property or premises to ascertain whether the provisions of the Fire Code are being violated, and to make any examinations, inspections and surveys as may be necessary in the performance of their enforcement duties. Examinations may include the taking of photographs, samples or other physical evidence. All inspections, entries, examinations and surveys shall be done in a reasonable manner. If an owner, occupant or agent refuses permission to enter or inspect, the Fire Code Official may seek an administrative inspection warrant pursuant to the procedures provided for in California Code of Civil Procedure Section 1822.50 through 1822.59.

**15.08.070 Amendments made in the California Fire Code.**

The California Fire Code, ~~2019-2022~~ Edition, is amended, changed and incorporated into the District's Fire Code as follows:

**101.1 Title.** These regulations, including Sections 15.08.010 through 15.08.070, shall be known as the *Fire Code* of the Avila Beach Community Services District, and may be cited as Avila Beach Community Services District Fire Code, ABCSD Fire Code, or the District Fire Code, hereinafter referred to as "this code" or the District's Fire Code.

Section 103. "Department of Fire Prevention"

- A. The California Department of Forestry and Fire Protection/San Luis Obispo County Fire Chief is:
  - 1 The Chief Fire Official and is charged with the enforcement and administration of the District Fire Code.
  - 2 The Board of Directors' authorized representative to appoint Fire Code Official(s).
  - 3 The Board of Directors' authorized representative to appoint member of the California Department of Forestry and Fire Protection with the authority of peace officers or public officers pursuant to California Penal Code sections 830.2(g), 830.7(d) and 836.5(a) in performing their duties under the California Fire Code.
- B. The Fire Chief is authorized to make necessary and reasonable policies and procedures that are consistent with the provisions of this Fire Code to aid in its implementation.

**105.3.3 Occupancy and use prohibited before approval.** The building or structure shall not be occupied prior to the fire code official issuing a permit that indicates that applicable provisions of this code have been met. No appliance, device, equipment, or system shall be operated or used until the installation has been approved and permitted by the fire code official and all applicable provisions of this code have been met. It shall be the duty of the permit applicant or contractor or both to cause the work to remain accessible and exposed for inspection purposes.

**109.1 Board of Appeals Established.** In order to hear and decide appeals of orders, decisions or determination made by the Fire Code Official relative to the application and interpretation of this Fire Code, there shall be and is hereby created a Board of Appeals. Until such time as the District Board of Directors appoints members to the Board of Appeals, the Board of Appeals shall be the Board of Appeals appointed by the County of San Luis Obispo. The rules of procedure for conducting the business of

the Board of Appeals shall be those procedures established by the County of San Luis Obispo. The District Manager shall provide staff services for the Board of Appeals. The Board of Appeals shall render all decisions and findings in writing to the appellant with a duplicate copy to the Fire Code Official. The fee for appeals shall be consistent with the fees established by the District Board of Directors.

**110.1 Unlawful acts.** It shall be unlawful for a person, firm or corporation to

1. Erect, construct, alter, repair, remove, demolish or utilize a building, occupancy, premises or system regulated by this Fire Code, or cause same to be done, in conflict with or in violation of any of the provisions of this Fire Code. To violate any provision or to fail to comply with any of the requirements of this Fire Code.
2. To cause, aid, abet, or conceal the fact of a violation of this Fire Code.

**110.3 Notice of violation.** When the Fire Code Official finds a violation referenced in Paragraphs A (1), (2), or (3), above, the Fire Code Official is authorized to prepare a written notice of violation describing the violation and, when compliance is not immediate, specifying a time for re-inspection.

**110.3.1 Service.** A notice of violation issued pursuant to this Fire Code shall be served upon the Property Owner, operator, occupant or the person responsible for the condition or violation, either by personal service, mail or delivering the same to, and leaving it with, some person of responsibility upon the premises. For unattended or abandoned locations, a copy the such notice of violation shall be posted on the premises in a conspicuous place at or near the entrance to such premises and the notice shall be mailed by certified mail with return receipt requested or a certificate of mailing, to the last known address of the Property Owner, occupant or both.

**110.3.2 Compliance with orders and notices.** A notice of violation issued or served as provided by this Fire Code shall be complied with by the Property Owner, operator, occupant or other person responsible for the condition or violation to which the notice of violation pertains.

**110.3.3 Prosecution of violation.** If the notice of violation is not complied with promptly, the Fire Code Official is authorized to request District Legal Counsel to institute the appropriate legal proceedings at law or in equity to restrain, correct, or abate such violation or to require removal or termination of the unlawful occupancy of the structure in violation of the provisions of this Fire Code or of the order or direction made pursuant hereto.

**110.3.4 Unauthorized tampering.** Signs, tags or seals posted or affixed by the Fire Code Official shall not be mutilated, destroyed or tampered with or removed without authorization from the Fire Code Official.

**110.4 Violation penalties.** Persons (as defined in Chapter 2) who shall violate a provision of this Fire Code or shall fail to comply with any of the requirements thereof or who shall erect, install, alter, repair or do work in violation of the approved construction documents or directive of the Fire Code Official, or of a permit or certificate used under provisions of this Fire Code, shall be guilty of a misdemeanor except for those specifically declared by the Fire Code to be an infraction. Notwithstanding any other provision of the Fire Code, any misdemeanor violation or failure to comply may, in the discretion of the District Legal Counsel or the Fire Code Official, be initially charged or subsequently prosecuted as an infraction. Each and every infraction violation is punishable by a fine not exceeding one hundred (\$100) dollars for a first violation; a fine not exceeding two hundred (\$200) dollars for a second violation of the Fire Code within one (1) year; and a fine not exceeding five hundred (\$500) dollars for a third violation of the Fire Code within one (1) year. Each and every misdemeanor violation is punishable by a fine not exceeding one thousand (\$1,000) dollars, or by imprisonment in the county jail for a period not exceeding six (6) months, or by both such fine and imprisonment.

**110.4.1 Abatement of violation.** In addition to the imposition of the penalties herein described, the Fire Code Official is authorized to institute appropriate action to prevent unlawful construction or to restrain, correct or abate a violation; or to prevent illegal occupancy of a structure or premises; or to stop an illegal act, conduct of business or occupancy of a structure on or about any premises.

**110.4.1.2 Continuing violations.** The imposition of one (1) penalty for any violation shall not excuse the violation or permit it to continue.

**110.4.1.3 Separate offense.** For each and every day, unless stated elsewhere, during any portion of which any violation of any provisions of this Fire Code is committed, continued, or permitted by such person (including firms or corporations) shall be a separate offense and punishable accordingly.

**110.5 Public Nuisance. Enforcement by Civil Action.** In addition to the penalties provided in the Fire Code, any condition caused or permitted to exist in violation of any of the provisions of the Fire Code shall be deemed a public nuisance and may be abated as such, and every day such condition continues shall be regarded as a new and separate offense.

**110.5.1 Injunctive Relief.** The Fire Code may also be enforced by injunction issued by the Superior Court upon the suit of the District. This method of enforcement shall be cumulative and in no way affect the penal provisions hereof.

**110.5.2 Fees, Charges, Fines and Penalties.** The amount of any fee, service charge, fine or penalty of any nature whatsoever imposed by any provision of this Fire Code shall be deemed a civil debt owing to the District, County or Court. An action may be commenced in the name of the District in any court of competent jurisdiction for the collection of the amount of any such delinquent or unpaid fee, service charge, fine or penalty together with any penalties applicable thereto as prescribed by this Fire Code.

**110.5.3 Collection of Fees, Charges, Fines and Penalties with Taxes.** The Board of Directors hereby adopts the procedures for the collection of delinquent rates, charges, fines, penalties and fees established in Government Code Sections 61115(c) and (d) or any successor statutes. The General Manager or his/her designee is authorized to record a certificate specifying the amount of any such charges, fines, and fees and the name and address of the persons liable therefore, sixty (60) days after the payment becomes delinquent, pursuant to Government Code Section 61115(c).

**110.5.4 Remedies Cumulative.** Enforcement of the provisions of this Fire Code and remedies for collection of various fees, charges, fines and penalties are cumulative and may be pursued alternatively or consecutively by the District. The District's use of any one of the remedies, legal actions or enforcement actions prescribed herein shall not bar the use of any other remedy, legal action or enforcement procedures provided by the Fire Code or by law for the purpose of enforcing the provisions hereof.

**112.1 Failure to comply.** Any person who shall continue any work after having been served with a stop work order, except such work as that person is directed to perform to remove a violation or unsafe condition, shall be subject to the criminal sanctions set forth in Health and Safety Code Section 13871.s.

#### Section 202, "General Definitions"

**Alteration.** Any change or renovation to an existing structure other than a repair or addition. Alterations include but are not limited to the addition or elimination of walls within the existing building envelope. Alteration also includes modifications to the structure which involve complete removal and replacement of wall board within any room.

#### **Amendment No 1**

Section 202, "General Definitions" the definition of "Floor Area, Gross", is amended by addition thereto as follows:

**Floor Area Gross.** For the purpose of calculating square footage for the application of fire sprinkler requirements and fire flow requirements, the floor area shall include all combustible areas attached to the structure, including garages, patio covers, ~~overhangs and covered walkways~~ and workshops. Alterations and/or remodel square footage will be considered a combined and cumulative sum of floor area.

**Sky Lantern.** An airborne lantern typically made of paper with a wood frame containing a candle, fuel cell composed of waxy flammable material or other open flame which serves as a heat source to heat the air inside the lantern to cause it to lift into the air. Sky candles, fire balloons and airborne paper lanterns mean the same as sky lanterns.

**308.1.6.3 Sky lanterns.** The ignition and launching of sky lanterns is prohibited.

Exceptions: Upon approval of the fire code official, sky lanterns may be used under the following conditions:

- (a) When necessary for religious or cultural ceremonies and adequate safeguards have been taken in the discretion of the fire code official.
- (b) Sky Lanterns shall be tethered in a safe manner to prevent them from leaving the area and must be constantly attended until extinguished.

**403.2.2 Procedures.** Prior to Fire Department Review, proposed event area must first complete all requirements pursuant to Title 22, the San Luis Obispo County Land Use Ordinance. This includes receiving any necessary land use permit approval and issuance of construction and Conditional Use Permit requirements.

A fire safety review is required to ensure public safety in a place of assembly, or any other place where people congregate, including but not limited to; amusement buildings, carnivals and fairs, exhibits and trade shows, open burning, flames and torches, candles, places of assembly, temporary membranes structures and tents, pyrotechnics and special effects, live audiences and any event with public attendance.

A written plan must be submitted to the fire code official 30 days prior to the event. Written submittal requirements will be in accordance with Section 404 Fire Safety and evacuation plans. A field inspection verifying compliance of fire and life safety conditions must be conducted prior to public occupancy of the event. If modifications or additions to the event areas are made, an updated permit & inspection must be completed.



**405.7 Initiation.** Where a fire alarm system is provided, emergency evacuation drills shall be initiated by activating the fire alarm system. Prior to initiating an alarm, the person initiating the alarm shall contact the fire alarm monitoring company and advise the company's dispatcher of the fire drill. In cases where the fire alarm system is not monitored by a central station, notification shall be provided to the fire department dispatch center.

**503.2.9.4 Surfaces.** Roads shall be designed and maintained to support the imposed load of fire apparatus weighing at least 75,000 pounds and provide aggregate base. Driveways and road and driveway structures shall be designed and maintained to support at least 40,000 pounds.

**Comment [VG1]:** State Title 14 is changing to accommodate residential.

**503.2.9.5 Special Purpose Roads.** Roads designated to service non-habitable infrastructure to include specific group U occupancies including communication towers and water tanks. Road shall be designed to have a minimum 12-foot travel lane and 13 foot 6-inch vertical clearance. Special purpose roads exceeding 150 feet in length but less than 800 feet shall have a standard turnout near the midpoint of the driveway. Turnouts shall be provided at the terminus of the roadway within 50 feet of infrastructure.

**Comment [VG2]:** Used for projects like cell towers etc.

**503.1.2.1 Maximum Dead-end Road Lengths.** The maximum length of dead-end roads, including all dead-end roads accessed from a dead-end road, shall not exceed the following cumulative lengths, regardless of the number of parcels served:

**Comment [VG3]:** Removing secondary egress from the San Luis Obispo County Land Use ordinance.

| Parcel size            | Length    |
|------------------------|-----------|
| less than one (1) acre | 800 feet  |
| 1 acre to 4.99 acres   | 1320 feet |
| 5 acres to 19.99 acres | 2640 feet |
| 20 acres or larger     | 5280 feet |

All lengths shall be measured from the edge of the roadway surface at the intersection that begins from the road to the end of the road surface at its farthest point. Where a dead-end road crosses areas of differing zoned parcel sizes requiring different length limits, the shortest allowable length shall apply. Where parcels are zoned 5 acres or larger, turnarounds shall be provided at a maximum of 1320 feet or 1/4 mile intervals.

Lengths exceeding maximum dead-end road distances require secondary access as determined by the fire code official. Placement of roads shall be placed a distance apart equal to not less than one-half of the length of the maximum overall diagonal dimension of the property to be served, measured in a straight line between accesses.

**Comment [VG4]:** Clear definition on placement of egress if required.

**Amendment No. 2**

Section 503.1.2.1.1 is added to read as follows:

**Section 503.1.2.1.1 Dwelling Units** Developments of dwellings units, where the number of dwelling units exceeds 30, shall be provided with two separate and approved fire apparatus access roads when located in ~~located in~~ a state responsibility area or a very high fire hazard severity zone.

**Comment [MK5]:**

**503.2.7 Grade.** The grade for all roads, streets, private lands and driveways shall not exceed 20 percent. Design criteria shall be in accordance with San Luis Obispo County Public Works public improvement standards. Roads having a grade between 12% and 20% shall be a nonskid asphalt or concrete surface as specified in San Luis Obispo County public improvement Standards, specifications and drawings. Any driveway with a proposed grade of between 16% and 20% must be approved by the San Luis Obispo County Fire Marshal.

**Comment [VG6]:** State Title 14 is going to 20% grade in SRA.

**Comment [BD7]:** Should this read:  
Roads having a grade between 12% and 20% shall . . .

**Amendment No. 3**

Section 503.2.9 is amended to read as follows

**503.2.9 Driveway.** Driveway specifications shall be provided and maintained when serving ~~no more than one legal parcel or lot with~~ no more than 4 dwelling units, and any number of accessory buildings.

**Amendment No. 4**

Section 503.2.9.1 is amended to read as follows

**503.2.9.1 Driveway width for high and very high fire severity zones:**

| Length            | Required Width |
|-------------------|----------------|
| 0 -199'           | 12'            |
| Greater than 200' | 14'            |

## Amendment No. 5

### Section 503.2.9.2 is amended to read as follows

**503.2.9.2 Turnarounds.** Turnarounds must be provided if driveway exceeds 300 feet, and shall be within 50 feet of the building. For driveways exceeding 300 feet, a turn-around shall be at the building site and must be within 50 feet of the dwelling. ~~For driveways exceeding 800 feet, turnouts shall be provided no more than 400 feet apart. Driveways exceeding 150 feet in length, but less than 800 feet in length, shall provide a turnout near the midpoint of the driveway.~~

## Amendment No. 6

### Section 503.2.9.3 is amended to read as follows

**503.2.9.3 Turnouts.** ~~For driveways exceeding 800 feet, turnouts shall be provided no more than 400 feet apart. Driveways exceeding 150 feet in length, but less than 800 feet in length, shall provide a turnout near the midpoint of the driveway~~

A turnout shall be provided near the midpoint and shall be a minimum of 10 feet wide and 30 feet long with a minimum 25 foot taper on each end.

**503.9.4 Fuel Breaks.** The Chief or his/her designee is authorized to cause an area within 10 feet on each side of the driveway to be cleared of flammable vegetation and other combustible growth. The Chief or his/her designee is authorized to enter upon private property to do so.

**Exception:** Single specimens of trees, ornamental shrubbery, or cumulative groundcover such as green grass, ivy, succulents or similar plants used as groundcover provided they do not form a means of readily transmitting fire.

**503.4 Obstruction of Fire Apparatus Access Roads** Fire apparatus access roads shall not be obstructed in any manner, including the parking of vehicles. Minimum required widths and clearances established under Section 503.2.1 shall be maintained at all times.

**503.4.2 Authority to Remove Obstruction.** The Fire Code Official and his authorized representatives shall have the power and authority to remove or cause to be removed, without notice, any vehicle or object parked or placed in violation of the California Fire Code and California Vehicle Code 22651. The owner of any item so removed shall be responsible for all towing, storage and other charges incurred.

**504.3 Stairway access to roof.** New buildings two or more stories above grade plane, except those with a roof slope greater than four units vertical in 12 units horizontal (33.3-percent slope), shall be provided with a stairway to the roof or other access to the roof for emergency personnel approved

by the fire code official. Stairway access to the roof shall be in accordance with Section 1009. Such stairway or other approved access shall be marked at street and floor levels with a sign indicating that the stairway or access continues to the roof. Where roofs are used for roof gardens or for other purposes, stairways shall be provided as required for such occupancy classification.

**505.1 Address Identification.** New and existing buildings shall have approved address numbers, building numbers or approved building identification placed in a position that is plainly legible and visible from the street or road fronting the property. Where required by the fire code official, address numbers shall be approved in additional approved locations to facilitate emergency response. These numbers shall contrast with their background. Address numbers shall be Arabic numerals or alphabet letters. Numbers shall be a minimum of Residential 6 inches, Commercial 8 inches, and Industrial 10 inches high with a minimum stroke width of 0.5 inch (12.7mm)

**505.1.1 Directories.** Where access is by means of a private road and the building cannot be viewed from the public way, a monument, pole or other sign or means shall be used to identify the structure. Address numbers shall be maintained. When required by the fire code official, complexes with multiple buildings may be required to provide directories, premises maps and directional signs. The scale, design and location of directory signs shall be approved by the fire code official and may be required to be illuminated.

**507.2.2.1 Water Tanks.** Fire water tanks and exposed supply lines constructed of combustible materials to include polyethylene/plastic are required to have 30 feet of vegetation clearance. Readily flammable vegetation shall be cleared 30 feet in all directions.

**Comment [VG8]:** Removing metal tank requirement but adding in vegetation clearance requirement.

**603.1.4 Fuel Oil.** The grade of fuel oil used in a burner shall be that for which the burner is approved and as stipulated by the burner manufacturer. Oil containing gasoline shall not be used.

**603.9 Gas meters.** Above-ground gas meters, regulators and piping subject to damage shall be protected by a barrier complying with Section 312 or otherwise protected in an approved manner. Gas meters shall be permanently marked and identified as to the building or system served.

**606.8 Refrigerant Detector.** Machinery rooms shall contain a refrigerant detector with an audible and visual alarm. The detector, or a sampling tube that draws air to the detector, shall be located in an area where refrigerant from a leak will concentrate. The alarm shall be actuated at a value not greater than the

corresponding TLV-TWA values shown in the California Mechanical Code for the refrigerant classification. Detectors and alarms shall be placed in approved locations. In addition, emergency shutoff shall also be automatically activated when the concentration of refrigerant vapor exceeds 25 percent of LFL (Lethal Flammable Limits).

**901.4.2 Non-required fire protection systems.** Any fire protection system or portion thereof not required by this code or the California Building Code may be allowed, when approved by the fire code official, to be furnished for partial or complete protection provided such installed system meets the requirements of this code, NFPA standards, and the California Building Code.

**Exception:** An automatic fire sprinkler system shall not be permitted unless a complete system.

**Amendment No. 7**

Section 903.1 Where required is amended to read as follows:

**TABLE 903.1 - AUTOMATIC FIRE SPRINKLER SYSTEM REQUIREMENTS FOR NEW CONSTRUCTION**

| STRUCTURE TYPE                         | SPRINKLERS REQUIRED <sup>2</sup> | DESCRIPTION  | SQUARE FOOTAGE <sup>1</sup> |       | MIN. DISTANCES BETWEEN STRUCTURES AND PROPERTY LINES (PL) | REQUIREMENTS                   | USE EXAMPLES                       | EXCEPTIONS         |
|--|----------------------------------|--|-----------------------------|-------|---|--------------------------------|------------------------------------|--------------------|
|  |                                  |  | MIN                         | MAX   |   |                                |                                    |                    |
| <b>New Construction</b>                | Yes                              | New buildings including mobile homes and commercial coaches <sup>1</sup> | 0                           |       | Per CBC, CRC  | Throughout new buildings       | All new construction and dwellings | Exceptions 2, 3, 4 |
| <b>Residential Accessory Structure</b> | Yes                              | Accessory structures as defined in CRC                                   | 1,000                       | 3,000 | 50 feet from PL   | No heating, cooling, living or | One story garage, workshop,        | Exception 1        |

|   |     |   |   |       |   |  |  |              |
|---|-----|---|---|-------|---|--|--|--------------|
|   |     |   |   |       | 30' between any structures on site              | sleeping spaces                              | studio, residential storage bldg.      |              |
| <b>Agricultural Structure</b>                   | Yes | Accessory to agricultural operation, livestock, crops. Agricultural operations in accordance with AG LUO & CBC definition | 3,000                                     | 5,000 | 100 feet from PL, 50 feet from other structures | Primary usage must be 75% livestock or crops | One story barn or stables              | Exception 1  |
| <b>Pole barn, Covered arena, Greenhouse</b>     | No  | One story hay storage, covered riding arena, greenhouses  | Unlimited if 60 feet on all sides per CBC |       | 100 feet from PL, 50 feet from other structures | No public use or access                      | See description                        | None         |
| <b>Agricultural Exempt (no permit required)</b> | No  | LUO Ag Exempt & signed affidavit  | 0   | 3,000 | 100 feet from PL, 50 feet from other structures | Per Ag Exempt agreement                      | Ag-Barn on Ag zoned land over 20 acres | See Title 19 |

**References:**

**CRC:** California Residential Code

**CFC:** California Fire Code

**CBC:** California Building Code

**LUO:** Land Use Ordinance (San Luis Obispo County)

**Footnotes:**

<sup>1</sup> For the purpose of calculating square footage for the application of fire sprinkler requirements and fire flow requirements, the floor area shall include all combustible areas attached to the structure, including garages, patio covers, ~~overhangs over 2 feet, covered walkways and decks and workshops.~~

<sup>2</sup> Automatic Fire Sprinklers installed at exterior locations shall be approved corrosion resistant devices when environmental or operational conditions warrant.

**Exceptions:**

1. Structures between the minimum and the maximum square footage must meet all the above table criteria and all the following are required in lieu of fire sprinklers:
  - no conditioned or habitable space,
  - no second stories (lofts 1/3 the floor area and open to below are allowed),
  - minimum two exits including one pedestrian door (side hinge swinging door),
  - workshops or offices limited to 10% of floor area,
  - dedicated fire water storage minimum of 5,000 gallons steel tank in full compliance with NFPA 1142 (see fire safety plan) if there is no community provided fire hydrant within 500 ft.,
  - structure complies with the California Wildland Urban-Interface Ignition Resistant Construction Requirements,
  - ~~heat detectors installed in accordance with CBC linked to an audible bell mounted in the exterior of the structure.~~
- Cannot be used as a place of employment or for public assemblage/events.
- Cannot be used as a commercial building.
2. A single-story building or commercial coach where floor area does not exceed 1000 square feet and the occupancy is not a Group A, E Daycare, F1 Woodworking, group R, Group H, Group I occupancy or any occupancy where cellulose nitrate film, pyroxylin plastics or any hazardous materials manufactured, stored or handled in quantities in excess of Tables in CBC, CFC or within Los Osos CSD and the fire flow from a hydrant is less than 750gpm at 20psi.
3. Mobile/manufactured or factory-built homes or commercial coaches constructed or altered on or before March 12, 2011 which were not manufactured with automatic fire sprinklers.
4. Accessory dwelling units shall not be required to provide fire sprinklers if they are not required for the primary residence.

**Amendment No. 8**

Section 903.2 Where required is amended to read as follows:

| OCCUPANCY OR STRUCTURAL MODIFICATION TYPE | SPRINKLERS REQUIRED <sup>3</sup> | DESCRIPTION  | SQUARE FOOTAGE <sup>1</sup>             | REQUIREMENTS  | USE EXAMPLES                        | EXCEPTIONS               |
|---|----------------------------------|--|---|---|-------------------------------------|--------------------------|
| Alterations <sup>1</sup>                  | Yes, if...                       | Alteration includes modifications to the structure | 50% of existing floor area <sup>2</sup> | Alterations additions and remodel square footage will be considered a combined and cumulative | Interior remodels<br>Rehabilitation | Exceptions<br>1, 2, 3, 4 |



|  |            |   |  |  |   |             |
|--|------------|---|--|--|---|-------------|
|  |            |   |  | sum of floor area  |   |             |
| Additions <sup>1</sup>                               | Yes, if... | Additions cumulative from January 01, 2008 regardless of any change of ownership  | 1,000 sf<br>or<br>50% of floor area <sup>2</sup> | Alterations additions and remodel square footage will be considered a combined and cumulative sum of floor area                            | Any addition  | Exception 4 |
| Hazard Category and Occupancy Classification Changes | Yes        | Change results in higher hazard or as deemed necessary by fire code official and the building official  | Any  | Hazard classification rating as determined by the fire code official, and occupancy classification as determined by the building official. | Any change of occupancy defined in Chapter 3 of the CBC | None        |
| Hazardous Materials Inside buildings                 | Yes        | Cellulose nitrate film or pyroxylin plastics or any hazardous materials manufactured, stored or handled in quantities in excess of Tables in CBC, CFC | Any  | Building and any portion of a building must also include requirements as listed in CFC Chapter 5005.4                                      | Any occupancy   | None        |



**References:**

**CRC:** California Residential Code

**CFC:** California Fire Code

**CBC:** California Building Code

**Footnotes:**

- <sup>1</sup> For the purpose of calculating square footage for the application of fire sprinkler requirements and fire flow requirements, the floor area shall include all combustible areas attached to the structure, including garages, patio covers, ~~overhangs over 2 feet, covered walkways and decks and workshops~~
  - <sup>2</sup> Fire sprinklers are required when all ceiling coverings are removed, or a project reaches the threshold of 50% of addition or alteration; determination of fire sprinklers shall be made by one of the following methods: 1) By net floor area: Any room(s) or area(s) that are added, altered, rehabilitated or repaired shall have their net floor area calculated and compared to the total net floor area of the existing structure to find the calculated percentage. 2) By surface area: Surface area shall be defined as surfaces of walls and ceilings. Any room(s) or area(s) that are added, altered, rehabilitated or repaired shall have their surface area calculated compared to the total wall and ceiling surface area of the existing structure to find the calculated percentage.
- Note: Change(s) in project scope after the plan review process shall require that the fire sprinkler calculation be revised and submitted for review and approval.
- <sup>3</sup> Automatic Fire Sprinklers installed at exterior locations shall be approved corrosion resistant devices when environmental conditions warrant.
  - <sup>4</sup> Mobile/manufactured or factory-built homes or commercial coaches constructed or altered on or before March 12, 2011 which were not manufactured with automatic fire sprinklers are not subject to fire sprinkler requirements.

**Exceptions:**

- 1. Alterations limited to only one of the following: replacement of exterior coverings and windows, roofing, electrical services, sewer laterals, retaining walls, or routine plumbing, electrical and mechanical repairs.
- 2. A loft open to the floor below and no more than one third of the floor area of the room below may be added without requiring sprinklers.
- 3. REPAIR is the reconstruction or renewal for the purpose of maintenance.
- 4. Accessory dwelling units shall not be required to provide fire sprinklers if they are not required for the primary residence. Footnote 2 determination is required.

Section 903.3.8.6 Exterior notification. All fire sprinkler systems including NFPA 13, 13D, 13R shall provide a local water flow alarm.

**Comment [VG9]:** Local code to require exterior bell

**904.11.1. Manual System Operation Training.** It shall be the responsibility of the business owner to ensure that all employees are knowledgeable in the use of manually operated or activated fire-extinguishing systems within the occupancy.

**905.3.1 Building height and area.** Class III standpipe systems shall be installed throughout buildings where the floor level of the highest story is located more than 30 feet (9144 mm) above the lowest level of the fire department vehicle access, or where the floor level of the lowest story is located more than 30 feet (9144 mm) below the highest level of fire department vehicle access and in any parking structure.

A building that is greater than 20,000 square feet (1,858 m<sup>2</sup>) of floor area and greater than 18 feet (5.49 m) in height shall have a dry or wet standpipe system with a 2 ½ inch (64 mm) outlet at the roof near the roof access. Location of the outlet and the fire department connection to the standpipe shall be labeled and approved by the fire code official.

**907.6.6 Monitoring.** Fire alarm systems required by this chapter or by the California Building Code shall be monitored by an approved central station service listed by Underwriters Laboratory for receiving fire alarms in accordance with NFPA 72. The central station shall contact and notify the fire dispatch center immediately on notification of an alarm and prior to making contact with the protected premises.

Exception: Supervisory service is not required for:

1. Single- and multi-station smoke alarms required by Section 907.2.11.
2. Group I-3 occupancies shall be monitored in accordance with Section 907.2.6.3.4.
3. Automatic sprinkler systems in one- and two-family dwellings

Section 907.10.1. False alarms exceeding 3 per calendar year are subject to citation and cost recovery.

**5804.3 Outdoor storage.** Storage of flammable cryogenic fluids in stationary containers outside of buildings is prohibited, except when approved by the fire code official. Where outdoor storage of cryogenic fluids is allowed, containers of cryogenic fluids shall not be located within diked areas containing other hazardous materials and shall be in accordance with Sections 3204.3.1 through 3204.3.1.2.3.

:

**5609.1 Fireworks prohibited.** The manufacturing, possession, storage sale, use and handling of fireworks, including without limitation, "Safe and Sane" fireworks, is prohibited.

**Exceptions:**

1. Use and handling of fireworks for professional display in accordance with Title 19, California Code of Regulations, Chapter 6 and a District Board resolution approving the public display.

**5609.2 Seizure of Fireworks.** The fire code official shall have the authority to seize, take and remove fireworks stored, sold, offered for sale, used or handled in violation of the provisions of Title 19, California Code of Regulations, Chapter 6 and California Health and Safety Code, Chapter 9.

**5704.2.9.6.1 Locations where above-ground tanks are prohibited.** Storage of Class I, Class II, and Class III liquids in unprotected above-ground tanks outside of buildings is prohibited. Tanks containing fuels shall not exceed 8,000 gallons (30 274 L) in individual capacity or 16,000 gallons (60 549 L) in aggregate capacity. Installations with the maximum allowable aggregate capacity shall be separated from other such installations by not less than 100 feet (30 480 mm).

**5706.2.4.4 Location where above-ground tanks are prohibited.** Storage of Class I liquids in above ground tanks outside of buildings is prohibited. Class II and III liquids may be stored in approved above ground containers for the purpose of dispensing only at facilities where no sales to the public occur and comply with Section 3406.1. Above ground tanks containing Class II and Class III liquids shall not exceed 2,000 gallons. Plans for the installation of above ground tanks shall be submitted to the Fire Department for approval and in conformance with applicable codes and standards. When required, a Conditional Use Permit shall be secured.

**6104.2 Maximum capacity within established limits.** The installation of any liquid petroleum gas tank over 500 gallons (1,892 L) water capacity is prohibited unless approved by the fire chief.

If any provision of Chapter 50 as it pertains to Explosive Material is in conflict with San Luis Obispo County Code Chapter 6.32, the provisions of Chapter 6.32 shall control

If any provision of Chapter 56 conflicts with San Luis Obispo County Code Chapter 6.32, the provisions of Chapter 6.32 shall control.

**Wildland-Urban Interface Fire Area** is a geographical area identified by the state as a "Fire Hazard Severity Zone" in accordance with Public Resources Code Sections 4201 through 4204 and Government Code Section 51175 through 51189, or other areas designated by the enforcing agency to be at a significant risk from wildfires. Areas within or in proximity to areas identified by the State as a "Fire Hazard Severity Zone" that pose a significant risk from wildfires will be considered by the Avila Beach Community Services District as a Wildland-Urban Interface Fire Area.

**15.08.080 Fire Hazards/Weed and Waste Matter Abatement.**

Section 15.08.80 is added to the Avila Beach Community Services District Fire Code as follows:

A. Introduction

Property Owners and affected properties are exempt where enforcement of this Chapter would result in the taking of endangered, rare, or threatened plant or animal species or will result in significant erosion and sedimentation of surface waters.

B. Weeds Constituting Fire Hazards.

1. All weeds which are described in paragraph B below, growing upon any property or in any public street, sidewalk, or alley which when exposed to the elements, endanger the public safety by creating a fire hazard, and/or impedes access to fire protection systems or facilities are declared by the District Board of Directors to be a public nuisance.
2. The term "weeds" includes:
  - a. Weeds which bear seeds of a downy or wingy nature; Sagebrush, chaparral, and any other brush or weeds which attain such large growth as to become, when dry, a fire menace to adjacent improved property;
  - b. Weeds that are otherwise noxious or dangerous;
  - c. Poison oak and poison ivy, when the conditions or growth are such as to constitute a menace to the public health;
  - d. Dry grasses, stubble, brush, dead shrubs, dead trees, litter or other flammable material which endanger the public safety by creating a fire hazard.

C. Waste Matter Constituting a Fire Hazard.

Rubbish, litter and other flammable materials (collectively waste matter) which when exposed to the elements or which by reason of its location would hamper or interfere with the suppression or prevention of fire upon the premises, and/or endangers the public safety by creating a fire hazard, are declared by District Board of Directors to be a public nuisance

D. Authority of Fire Code Official.

The Fire Code Official is authorized to determine the existence of a public nuisance and to abate the public nuisance pursuant to paragraphs E and F, below.

E. Summary Abatement of Fire Hazards.

1. Pursuant to Government Code Section 61100(f) the provisions of Part 5 (commencing with Section 14875) Division 12 of the Health and Safety Code are incorporated herein by reference.
2. In the application of the provisions of Part 5 (commencing with Section 14875) Division 12 of the Health and Safety Code, to proceedings under this Section, the terms "Board of Directors" shall be deemed to be a "Board of Supervisors" and the District Fire Code Official or his/her designees shall be deemed to the "persons" designated in Section 14890 of the Health and Safety Code.

F. Violations.

The Fire Code Official is authorized to use provisions of Section 109.3 of this Fire Code, as amended to abate public nuisance.

**SECTION 3. Incorporation of Recitals.**

The Recitals to this Ordinance are true and correct and are incorporated herein by this reference.

**SECTION 4. Severability.**

If any section, subsection, sentence, clause or phrase of this Ordinance and/or the Code Sections adopted by this Ordinance are for any reason held to be unconstitutional, ineffective or in any manner in conflict with the laws of the United States, or the State of California, such decision shall not affect the validity of the remaining portions of this

Ordinance. The Governing Board of the District hereby declares that it would have passed this Ordinance and the Code Sections adopted by this Ordinance, and each section, subsection, sentence, clause and phrase thereof, irrespective of the fact that any one or more sections, subsection, sentence, clause or phrase be declared unconstitutional, ineffective, or in any manner in conflict with the laws of the United States or the State of California.

**SECTION 5. Effect of Headings in Ordinance.**

Title, division, part, chapter, article, and section headings contained herein or in the various Codes adopted hereby do not in any manner affect the scope, meaning, or intent of the provisions of this Ordinance or the related Code Sections.

**SECTION 6. CEQA**

The District Board of Directors has considered the Amendment and Restatement of the District's Fire Code. The Board of Directors has, as a result of its consideration, the evidence presented at the hearings on said matter, and all comments that were received during the public hearing process, finds that the amendment and restatement of the District's Fire Code does not constitute a "project" under the California Environmental Quality Act ("CEQA") (Public Resources Code Section 21000 *et. seq.*) or its implementing Guidelines (14 California Code of Regulations Section 15000 *et seq.*) ("CEQA Guidelines"). The Board of Directors finds that the adoption of this amendment and restatement of the District Fire Code, including amendments to the California Fire Code constitutes "general policy and procedure making" described in Section 15378(b)(2) of the CEQA Guidelines which are deemed not to be "projects". Even if the adoption of this amendment and restatement of the District Fire Code, including the amendments to the California Fire Code is a "project" for purposes of CEQA, the District Board finds that it is exempt from review pursuant to Section 15061(b)(3) which provides that an activity is not subject to CEQA review where it can be seen with certainty that there is no possibility that it may have a "significant effect on the environment." The District Board finds that it can be seen with certainty that there is no possibility that the adoption of the amendment and restatement of the District Fire Code, including the amendments to the California Fire Code may have a significant effect on the environment. The District General Manager is authorized to prepare, execute and file a notice of exemption pursuant to the above provisions.

**SECTION 7. Inconsistency.**

To the extent that the terms of provision of this Ordinance or the Code amendments adopted hereby, are inconsistent or conflict with the terms or conditions of any prior District Ordinance(s), Motions, Resolutions, Rules, or Regulations, governing the same subject matter thereof, then such inconsistent and conflicting provisions of prior Ordinances, Motions, Resolutions, Rules, and Regulations are hereby repealed.

**SECTION 8.**

Nothing within this Ordinance or the amendment and restatement of the District Fire Code shall be construed to affect any suit or proceeding impending in any court, or any rights acquired, or liability incurred, or any cause or causes of action acquired or existing, under any act or ordinance hereby repealed as cited in Section 7 of this Ordinance; nor shall any just or legal right or remedy of any character be lost, impaired or affected by this Ordinance.

**SECTION 9. Publication.**

The summary publication procedures authorized by Section 25124(b)(1) of the Government Code are hereby approved. The summary shall be prepared by the District Fire Chief or his/her designee.

**SECTION 10. Effective Date.**

This Ordinance shall take effect and be in full force and effect thirty (30) days after its passage. Before the expiration of the fifteenth (15<sup>th</sup>) day after passage it shall be published once with the names of the members of the Board of Directors voting for or against the Ordinance in a newspaper of general circulation within the District.

Introduced at a regular meeting of the Board of Directors held on December 14, 2022 and passed and adopted by the District Board of Directors on the 10<sup>th</sup> day of January, 2023 by the following roll call vote to wit:

- AYES:
- NOES:
- ABSENT:
- ABSTAIN:

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Pete Kelley, President of the Board of Directors  
Avila Beach Community Services District

ATTEST:

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Brad Hagemann  
District General Manager and Secretary



**ORDINANCE NO. 2022-01**

**AN ORDINANCE OF THE AVILA BEACH COMMUNITY SERVICES DISTRICT  
AMENDING AND RESTATING THE DISTRICT'S FIRE CODE FOUND IN TITLE 15  
OF THE AVILA BEACH COMMUNITY SERVICE DISTRICT CODES, INCLUDING  
THE ADOPTION OF THE 2022 EDITION OF THE CALIFORNIA FIRE CODE,  
INCLUDING ANNUAL SUPPLEMENTS AND STATE AMENDMENTS AND ERRATA.**

**WHEREAS**, it is the desire and intent of the Avila Beach Community Services District ("District") to provide citizens with the greatest degree of protection from fire; and

**WHEREAS**, the California Building Standards Code, Title 24, which incorporates the California Fire Code, is adopted every three years by order of the California Legislature with supplements published in intervening years;

**WHEREAS**, the District contracts with the California Department of Forestry and the Fire Protection for fire protection and enforcement of the District's Fire Code; and

**WHEREAS**, the Avila Beach Community Services District proposes to make certain changes in the requirements of the 2022 California Fire Code which are more restrictive than State law and will affect all occupancies within the District; and

**WHEREAS**, California Health and Safety Code Section 17958.5 requires the District to make express findings that due to local climatic, geological, or topographical conditions that modifications and changes to the current California Building Code are reasonably necessary to provide sufficient and effective protection of life, health, and property before adopting such changes, and Section 17958.7 requires that such findings be filed with the California Building Standards Commission; and

**WHEREAS**, the latest edition of the California Building Standards Code was published and adopted this year and has the force of law beginning January 1, 2023 and any local additions, amendments and deletions must then be incorporated; and

**WHEREAS**, this ordinance will adopt and amend the 2022 California Fire Code including annual supplements and State amendments and errata; and

**NOW THEREFORE**, the Board of Directors of the Avila Beach Community Services District ordains as follows:

**SECTION 1**

- A. **General:** Pursuant to Health and Safety Code §17958.5, the Avila Beach Community Services District hereby finds that due to local climatic, geologic and topographic conditions as stated in this section, that modifications and amendments, as identified in this Ordinance to the current California Building Standards Code (including the California Fire Code) are reasonably necessary to provide sufficient and effective protection of life, health and property.

B. **Climatic:** The hot, dry weather in combination with Santa Lucia winds frequently results in wildland fires in areas of the County of San Luis Obispo. These conditions create an environment where the entirety of local fire department personnel is required to control, monitor, fight and protect against such fire situations in an effort to protect life and preserve property. The same climatic conditions may result in the concurrent occurrence of one or more fires in the more populated areas of the County without adequate fire department personnel to protect against and control such a situation. During such periods, limited fire-fighting resources support the imposition of greater fire-protection requirements than set forth in the 2022 California Fire Code.

C. **Geological:** The County of San Luis Obispo is in an area of high seismic risk. Four active faults are within the county, each capable of generating large, damaging earthquakes. These faults are: the San Andreas Fault, which trends northwest-southeast near the eastern boundary of San Luis Obispo County; the San Simeon Fault, which is part of the larger Hosgri Fault Zone and parallels the coastline in the northern part of San Luis Obispo County; the Los Osos Fault, which parallels the Los Osos Valley a few miles southwest of the city of San Luis Obispo; and the Oceanic Fault, which runs from the city of San Luis Obispo northwest toward the community of Cambria, and was the fault responsible for the Magnitude 6.5 San Simeon earthquake that affected the region in December 2003. In addition, there are several potentially active faults within the county, including the Rinconada Fault, the Huasna Fault, and the Nacimiento Fault Zone. These faults could also produce large earthquakes.

Earthquakes from these faults could produce primary effects such as strong ground shaking or ground rupture, and secondary effects such as liquefaction and landslides. These primary and secondary effects pose a significant hazard to the county's building stock and infrastructure, and to public health and safety. These hazards include strong shaking causing collapse of vulnerable buildings and bridges, ground rupture affecting roads and highways, and liquefaction damaging buildings, pipelines (water, gas, sewage), marine facilities (docks, jetties), railroads, and airports. Fire from broken gas lines and the lack of water from broken water lines could result in major damage. Landslides caused by strong shaking, possibly in combination with wet weather conditions, could block highways and railroads, thereby isolating parts of the county and affecting emergency response. Earthquake-induced landslides could also produce rockfalls that could strike and damage buildings and vehicles. Tsunamis could inundate the coastline. The protection of human life and the preservation of property in the event of such an occurrence support the imposition of fire protection requirements greater than set forth in the 2022 California Fire Code.

D. **Topographical:** The County of San Luis Obispo has rural areas that are in very high fire hazard areas. Due to varied topography, access to structures in rural areas increases response time and delays fire suppression efforts. An extended

response time will allow fires to grow beyond the control of initial attack fire suppression resources. Large structure fires in the hillside areas will have a greater likelihood of starting a wildland fire, which may expose additional structures to fire. The above described problems support the imposition of built-in fire protection requirements greater than those set forth in the 2022 California Fire Code.

**SECTION 2 Chapter 15.08 of the District’s Fire Code is Amended and Restated as follows:**

Chapter 15.08  
Fire Control Regulations

Sections:

|           |   |
|-----------|---|
| 15.08.010 | Scope   |
| 15.08.020 | Nationally recognized standards                   |
| 15.08.030 | Adoption of the California Fire Code by reference |
| 15.08.050 | Definitions                                       |
| 15.08.060 | Authority to Inspect                              |
| 15.08.070 | Amendments made in the California Fire Code       |
| 15.08.080 | Fire Hazards/Weed and Waste Matter Abatement      |

**Title 15 HEALTH AND SAFETY**

**Chapter 15.08 FIRE CONTROL REGULATIONS**

**15.08.010 Scope.**

An Ordinance of the Avila Beach Community Services District amending and restating the District’s Fire Code including adopting the 2022 edition of the California Fire Code with amendments, regulating and governing the safeguarding of life and property from fire and explosion hazards arising from the storage, handling and use of hazardous substances, materials and devices, and from conditions hazardous to life or property in the occupancy of buildings and premises in the Avila Beach Community Services District (“District”) providing for the issuance of permits and collection of fees.

**15.08.020 Nationally recognized standards.**

Where no applicable standards or requirements are set out in this code, or contained within other laws, codes, regulations, ordinances or bylaws adopted by the District, compliance with applicable standards of the National Fire Protection Association or other nationally recognized fire-safety standards as approved by the fire chief shall be deemed prima facie evidence of compliance with the intent of this code.

**15.08.030 Adoption of the 2022 California Fire Code by Reference.**

Except as amended by Sections 15.08.050 through 15.08.080 (below) the Avila Beach Community Services District adopts by reference the 2022 Fire Code including Appendix, Chapter 4, Section 103, Section 503 and Appendices, B, BB, C, CC, F, H and P as modified and amended. All other Appendices to the 2022 Fire Code are expressly not adopted. Title 15 of the Avila Beach Community Service District Regulations is hereby amended and restated accordingly. All annual supplements and State Amendments and Errata to the 2022 California Fire Code, that are not inconsistent with this Ordinance, are incorporated herein by reference.

**15.08.050 Definitions**

- A. District Fire Chief, Fire Chief or Chief Fire Official means the California Department of Forestry and Fire Protection/San Luis Obispo County Fire Chief.
- B. The District Fire Department means the California Department of Forestry and Fire Protection and employees, apparatus, materials and equipment assigned to it by the District and the California Department of Forestry and Fire Protection pursuant to contract.
- C. Property Owner means the owner of property whose name and address appears on the latest equalized County assessment roll.
- D. Governing Body or Appointing Authority means the District Board of Directors.
- E. Jurisdiction means the boundary of the Avila Beach Community Services District.

**15.08.060 Authority to Inspect**

Employees of the District Fire Department are authorized to enter upon any property or premises to ascertain whether the provisions of the Fire Code are being violated, and to make any examinations, inspections and surveys as may be necessary in the performance of their enforcement duties. Examinations may include the taking of photographs, samples or other physical evidence. All inspections, entries, examinations and surveys shall be done in a reasonable manner. If an owner, occupant or agent refuses permission to enter or inspect, the Fire Code Official may seek an administrative inspection warrant pursuant to the procedures provided for in California Code of Civil Procedure Section 1822.50 through 1822.59.

**15.08.070 Amendments made in the California Fire Code.**

The California Fire Code, 2022 Edition, is amended, changed and incorporated into the District's Fire Code as follows:

**101.1 Title.** These regulations, including Sections 15.08.010 through 15.08.070, shall be known as the *Fire Code* of the Avila Beach Community Services District, and may be cited as Avila Beach Community Services District Fire Code, ABCSD Fire Code, or the District Fire Code, hereinafter referred to as “this code” or the District’s Fire Code.

Section 103. “Department of Fire Prevention”

- A. The California Department of Forestry and Fire Protection/San Luis Obispo County Fire Chief is:
  - 1 The Chief Fire Official and is charged with the enforcement and administration of the District Fire Code.
  - 2 The Board of Directors' authorized representative to appoint Fire Code Official(s).
  - 3 The Board of Directors' authorized representative to appoint member of the California Department of Forestry and Fire Protection with the authority of peace officers or public officers pursuant to California Penal Code sections 830.2(g), 830.7(d) and 836.5(a) in performing their duties under the California Fire Code.
- B. The Fire Chief is authorized to make necessary and reasonable policies and procedures that are consistent with the provisions of this Fire Code to aid in its implementation.

**105.3.3 Occupancy and use prohibited before approval.** The building or structure shall not be occupied prior to the fire code official issuing a permit that indicates that applicable provisions of this code have been met. No appliance, device, equipment, or system shall be operated or used until the installation has been approved and permitted by the fire code official and all applicable provisions of this code have been met. It shall be the duty of the permit applicant or contractor or both to cause the work to remain accessible and exposed for inspection purposes.

**109.1 Board of Appeals Established.** In order to hear and decide appeals of orders, decisions or determination made by the Fire Code Official relative to the application and interpretation of this Fire Code, there shall be and is hereby created a Board of Appeals. Until such time as the District Board of Directors appoints members to the Board of Appeals, the Board of Appeals shall be the Board of Appeals appointed by the County of San Luis Obispo. The rules of procedure for conducting the business of

the Board of Appeals shall be those procedures established by the County of San Luis Obispo. The District Manager shall provide staff services for the Board of Appeals. The Board of Appeals shall render all decisions and findings in writing to the appellant with a duplicate copy to the Fire Code Official. The fee for appeals shall be consistent with the fees established by the District Board of Directors.

**110.1 Unlawful acts.** It shall be unlawful for a person, firm or corporation to

1. Erect, construct, alter, repair, remove, demolish or utilize a building, occupancy, premises or system regulated by this Fire Code, or cause same to be done, in conflict with or in violation of any of the provisions of this Fire Code. To violate any provision or to fail to comply with any of the requirements of this Fire Code.
2. To cause, aid, abet, or conceal the fact of a violation of this Fire Code.

**110.3 Notice of violation.** When the Fire Code Official finds a violation referenced in Paragraphs A (1), (2), or (3), above, the Fire Code Official is authorized to prepare a written notice of violation describing the violation and, when compliance is not immediate, specifying a time for re-inspection.

**110.3.1 Service.** A notice of violation issued pursuant to this Fire Code shall be served upon the Property Owner, operator, occupant or the person responsible for the condition or violation, either by personal service, mail or delivering the same to, and leaving it with, some person of responsibility upon the premises. For unattended or abandoned locations, a copy the such notice of violation shall be posted on the premises in a conspicuous place at or near the entrance to such premises and the notice shall be mailed by certified mail with return receipt requested or a certificate of mailing, to the last known address of the Property Owner, occupant or both.

**110.3.2 Compliance with orders and notices.** A notice of violation issued or served as provided by this Fire Code shall be complied with by the Property Owner, operator, occupant or other person responsible for the condition or violation to which the notice of violation pertains.

**110.3.3 Prosecution of violation.** If the notice of violation is not complied with promptly, the Fire Code Official is authorized to request District Legal Counsel to institute the appropriate legal proceedings at law or in equity to restrain, correct, or abate such violation or to require removal or termination of the unlawful occupancy of the structure in violation of the provisions of this Fire Code or of the order or direction made pursuant hereto.

**110.3.4 Unauthorized tampering.** Signs, tags or seals posted or affixed by the Fire Code Official shall not be mutilated, destroyed or tampered with or removed without authorization from the Fire Code Official.

**110.4 Violation penalties.** Persons (as defined in Chapter 2) who shall violate a provision of this Fire Code or shall fail to comply with any of the requirements thereof or who shall erect, install, alter, repair or do work in violation of the approved construction documents or directive of the Fire Code Official, or of a permit or certificate used under provisions of this Fire Code, shall be guilty of a misdemeanor except for those specifically declared by the Fire Code to be an infraction. Notwithstanding any other provision of the Fire Code, any misdemeanor violation or failure to comply may, in the discretion of the District Legal Counsel or the Fire Code Official, be initially charged or subsequently prosecuted as an infraction. Each and every infraction violation is punishable by a fine not exceeding one hundred (\$100) dollars for a first violation; a fine not exceeding two hundred (\$200) dollars for a second violation of the Fire Code within one (1) year; and a fine not exceeding five hundred (\$500) dollars for a third violation of the Fire Code within one (1) year. Each and every misdemeanor violation is punishable by a fine not exceeding one thousand (\$1,000) dollars, or by imprisonment in the county jail for a period not exceeding six (6) months, or by both such fine and imprisonment.

**110.4.1 Abatement of violation.** In addition to the imposition of the penalties herein described, the Fire Code Official is authorized to institute appropriate action to prevent unlawful construction or to restrain, correct or abate a violation; or to prevent illegal occupancy of a structure or premises; or to stop an illegal act, conduct of business or occupancy of a structure on or about any premises.

**110.4.1.2 Continuing violations.** The imposition of one (1) penalty for any violation shall not excuse the violation or permit it to continue.

**110.4.1.3 Separate offense.** For each and every day, unless stated elsewhere, during any portion of which any violation of any provisions of this Fire Code is committed, continued, or permitted by such person (including firms or corporations) shall be a separate offense and punishable accordingly.

**110.5 Public Nuisance. Enforcement by Civil Action.** In addition to the penalties provided in the Fire Code, any condition caused or permitted to exist in violation of any of the provisions of the Fire Code shall be deemed a public nuisance and may be abated as such, and every day such condition continues shall be regarded as a new and separate offense.

**110.5.1 Injunctive Relief.** The Fire Code may also be enforced by injunction issued by the Superior Court upon the suit of the District. This method of enforcement shall be cumulative and in no way affect the penal provisions hereof.

**110.5.2 Fees, Charges, Fines and Penalties.** The amount of any fee, service charge, fine or penalty of any nature whatsoever imposed by any provision of this Fire Code shall be deemed a civil debt owing to the District, County or Court. An action may be commenced in the name of the District in any court of competent jurisdiction for the collection of the amount of any such delinquent or unpaid fee, service charge, fine or penalty together with any penalties applicable thereto as prescribed by this Fire Code.

**110.5.3 Collection of Fees, Charges, Fines and Penalties with Taxes.** The Board of Directors hereby adopts the procedures for the collection of delinquent rates, charges, fines, penalties and fees established in Government Code Sections 61115(c) and (d) or any successor statutes. The General Manager or his/her designee is authorized to record a certificate specifying the amount of any such charges, fines, and fees and the name and address of the persons liable therefore, sixty (60) days after the payment becomes delinquent, pursuant to Government Code Section 61115(c).

**110.5.4 Remedies Cumulative.** Enforcement of the provisions of this Fire Code and remedies for collection of various fees, charges, fines and penalties are cumulative and may be pursued alternatively or consecutively by the District. The District's use of any one of the remedies, legal actions or enforcement actions prescribed herein shall not bar the use of any other remedy, legal action or enforcement procedures provided by the Fire Code or by law for the purpose of enforcing the provisions hereof.

**112.1 Failure to comply.** Any person who shall continue any work after having been served with a stop work order, except such work as that person is directed to perform to remove a violation or unsafe condition, shall be subject to the criminal sanctions set forth in Health and Safety Code Section 13871.s.

#### Section 202, "General Definitions"

**Alteration.** Any change or renovation to an existing structure other than a repair or addition. Alterations include but are not limited to the addition or elimination of walls within the existing building envelope. Alteration also includes modifications to the structure which involve complete removal and replacement of wall board within any room.

#### **Amendment No 1**

Section 202, "General Definitions" the definition of "Floor Area, Gross", is amended by addition thereto as follows:



**Floor Area Gross.** For the purpose of calculating square footage for the application of fire sprinkler requirements and fire flow requirements, the floor area shall include all combustible areas attached to the structure, including garages, patio covers, and workshops. Alterations and/or remodel square footage will be considered a combined and cumulative sum of floor area.

**Sky Lantern.** An airborne lantern typically made of paper with a wood frame containing a candle, fuel cell composed of waxy flammable material or other open flame which serves as a heat source to heat the air inside the lantern to cause it to lift into the air. Sky candles, fire balloons and airborne paper lanterns mean the same as sky lanterns.

**308.1.6.3 Sky lanterns.** The ignition and launching of sky lanterns is prohibited.

Exceptions: Upon approval of the fire code official, sky lanterns may be used under the following conditions:

- (a) When necessary for religious or cultural ceremonies and adequate safeguards have been taken in the discretion of the fire code official.
- (b) Sky Lanterns shall be tethered in a safe manner to prevent them from leaving the area and must be constantly attended until extinguished.

**403.2.2 Procedures.** Prior to Fire Department Review, proposed event area must first complete all requirements pursuant to Title 22, the San Luis Obispo County Land Use Ordinance. This includes receiving any necessary land use permit approval and issuance of construction and Conditional Use Permit requirements.

A fire safety review is required to ensure public safety in a place of assembly, or any other place where people congregate, including but not limited to; amusement buildings, carnivals and fairs, exhibits and trade shows, open burning, flames and torches, candles, places of assembly, temporary membranes structures and tents, pyrotechnics and special effects, live audiences and any event with public attendance.

A written plan must be submitted to the fire code official 30 days prior to the event. Written submittal requirements will be in accordance with Section 404 Fire Safety and evacuation plans. A field inspection verifying compliance of fire and life safety conditions must be conducted prior to public occupancy of the event. If modifications or additions to the event areas are made, an updated permit & inspection must be completed.

**405.7 Initiation.** Where a fire alarm system is provided, emergency evacuation drills shall be initiated by activating the fire alarm system. Prior to initiating an alarm, the person initiating the alarm shall contact the fire alarm monitoring company and advise the company's dispatcher of the fire drill. In cases where the fire alarm system is not monitored by a central station, notification shall be provided to the fire department dispatch center.

**503.2.9.4 Surfaces.** Roads shall be designed and maintained to support the imposed load of fire apparatus weighing at least 75,000 pounds and provide aggregate base. Driveways and road and driveway structures shall be designed and maintained to support at least 40,000 pounds.

**503.2.9.5 Special Purpose Roads.** Roads designated to service non-habitable infrastructure to include specific group U occupancies including communication towers and water tanks. Road shall be designed to have a minimum 12-foot travel lane and 13 foot 6-inch vertical clearance. Special purpose roads exceeding 150 feet in length but less than 800 feet shall have a standard turnout near the midpoint of the driveway. Turnouts shall be provided at the terminus of the roadway within 50 feet of infrastructure.

**503.1.2.1 Maximum Dead-end Road Lengths.** The maximum length of dead-end roads, including all dead-end roads accessed from a dead-end road, shall not exceed the following cumulative lengths, regardless of the number of parcels served:

| Parcel size            | Length    |
|------------------------|-----------|
| less than one (1) acre | 800 feet  |
| 1 acre to 4.99 acres   | 1320 feet |
| 5 acres to 19.99 acres | 2640 feet |
| 20 acres or larger     | 5280 feet |

All lengths shall be measured from the edge of the roadway surface at the intersection that begins from the road to the end of the road surface at its farthest point. Where a dead-end road crosses areas of differing zoned parcel sizes requiring different length limits, the shortest allowable length shall apply. Where parcels are zoned 5 acres or larger, turnarounds shall be provided at a maximum of 1320 feet or 1/4 mile intervals.

Lengths exceeding maximum dead-end road distances require secondary access as determined by the fire code official. Placement of roads shall be placed a distance apart equal to not less than one-half of the length of the maximum overall diagonal dimension of the property to be served, measured in a straight line between accesses.

**Amendment No. 2**

Section 503.1.2.1.1 is added to read as follows:

**Section 503.1.2.1.1 Dwelling Units** Developments of dwellings units, where the number of dwelling units exceeds 30, shall be provided with two separate and approved fire apparatus access roads when located in a state responsibility area or a very high fire hazard severity zone.

**503.2.7 Grade.** The grade for all roads, streets, private lands and driveways shall not exceed 20 percent. Design criteria shall be in accordance with San Luis Obispo County Public Works public improvement standards. Roads having a grade between 12% and 20% shall be a nonskid asphalt or concrete surface as specified in San Luis Obispo County public improvement Standards, specifications and drawings. Any driveway with a proposed grade of between 16% and 20% must be approved by the San Luis Obispo County Fire Marshal.

**Amendment No. 3**

**Section 503.2.9 is amended to read as follows**

**503.2.9 Driveway.** Driveway specifications shall be provided and maintained when serving no more than 4 dwelling units, and any number of accessory buildings.

**Amendment No. 4**

**Section 503.2.9.1 is amended to read as follows**

**503.2.9.1 Driveway width:**

| <b>Length</b>     | <b>Required Width</b> |
|-------------------|-----------------------|
| 0 -199'           | 12'                   |
| Greater than 200' | 14'                   |

## **Amendment No. 5**

### **Section 503.2.9.2 is amended to read as follows**

**503.2.9.2 Turnarounds.** Turnarounds must be provided if driveway exceeds 300 feet, and shall be within 50 feet of the building. For driveways exceeding 300 feet, a turn-around shall be at the building site and must be within 50 feet of the dwelling.

## **Amendment No. 6**

### **Section 503.2.9.3 is amended to read as follows**

**503.2.9.3 Turnouts.** For driveways exceeding 800 feet, turnouts shall be provided no more than 400 feet apart. Driveways exceeding 150 feet in length, but less than 800 feet in length, shall provide a turnout near the midpoint of the driveway

A turnout shall be provided near the midpoint and shall be a minimum of 10 feet wide and 30 feet long with a minimum 25 foot taper on each end.

**503.9.4 Fuel Breaks.** The Chief or his/her designee is authorized to cause an area within 10 feet on each side of the driveway to be cleared of flammable vegetation and other combustible growth. The Chief or his/her designee is authorized to enter upon private property to do so.

**Exception:** Single specimens of trees, ornamental shrubbery, or cumulative groundcover such as green grass, ivy, succulents or similar plants used as groundcover provided they do not form a means of readily transmitting fire.

**503.4 Obstruction of Fire Apparatus Access Roads** Fire apparatus access roads shall not be obstructed in any manner, including the parking of vehicles. Minimum required widths and clearances established under Section 503.2.1 shall be maintained at all times.

**503.4.2 Authority to Remove Obstruction.** The Fire Code Official and his authorized representatives shall have the power and authority to remove or cause to be removed, without notice, any vehicle or object parked or placed in violation of the California Fire Code and California Vehicle Code 22651. The owner of any item so removed shall be responsible for all towing, storage and other charges incurred.

**504.3 Stairway access to roof.** New buildings two or more stories above grade plane, except those with a roof slope greater than four units vertical in 12 units horizontal (33.3-percent slope), shall be provided with a stairway to the roof or other access to the roof for emergency personnel approved by the fire code official. Stairway access to the roof shall be in accordance with Section 1009. Such stairway or other approved access shall be marked at street and floor levels with a sign indicating that the stairway or access continues to the roof. Where roofs are used for roof gardens or for other purposes, stairways shall be provided as required for such occupancy classification.

**505.1 Address Identification.** New and existing buildings shall have approved address numbers, building numbers or approved building identification placed in a position that is plainly legible and visible from the street or road fronting the property. Where required by the fire code official, address numbers shall be approved in additional approved locations to facilitate emergency response. These numbers shall contrast with their background. Address numbers shall be Arabic numerals or alphabet letters. Numbers shall be a minimum of Residential 6 inches, Commercial 8 inches, and Industrial 10 inches high with a minimum stroke width of 0.5 inch (12.7mm)

**505.1.1 Directories.** Where access is by means of a private road and the building cannot be viewed from the public way, a monument, pole or other sign or means shall be used to identify the structure. Address numbers shall be maintained. When required by the fire code official, complexes with multiple buildings may be required to provide directories, premises maps and directional signs. The scale, design and location of directory signs shall be approved by the fire code official and may be required to be illuminated.

**507.2.2.1 Water Tanks.** Fire water tanks and exposed supply lines constructed of combustible materials to include polyethylene/plastic are required to have 30 feet of vegetation clearance. Readily flammable vegetation shall be cleared 30 feet in all directions.

**603.1.4 Fuel Oil.** The grade of fuel oil used in a burner shall be that for which the burner is approved and as stipulated by the burner manufacturer. Oil containing gasoline shall not be used.

**603.9 Gas meters.** Above-ground gas meters, regulators and piping subject to damage shall be protected by a barrier complying with Section 312 or otherwise protected in an approved manner. Gas meters shall be permanently marked and identified as to the building or system served.

**606.8 Refrigerant Detector.** Machinery rooms shall contain a refrigerant detector with an audible and visual alarm. The detector, or a sampling tube that draws air to the detector, shall be located in an area where refrigerant from a leak will concentrate. The alarm shall be actuated at a value not greater than the corresponding TLV-TWA values shown in the California Mechanical Code for the refrigerant classification. Detectors and alarms shall be placed in approved locations. In addition, emergency shutoff shall also be automatically activated when the concentration of refrigerant vapor exceeds 25 percent of LFL (Lethal Flammable Limits).

**901.4.2 Non-required fire protection systems.** Any fire protection system or portion thereof not required by this code or the California Building Code may be allowed, when approved by the fire code official, to be furnished for partial or complete protection provided such installed system meets the requirements of this code, NFPA standards, and the California Building Code.

**Exception:** An automatic fire sprinkler system shall not be permitted unless a complete system.

**Amendment No. 7**

Section 903.1 Where required is amended to read as follows:

**TABLE 903.1 - AUTOMATIC FIRE SPRINKLER SYSTEM REQUIREMENTS FOR NEW CONSTRUCTION**

| STRUCTURE TYPE                           | SPRINKLERS REQUIRED <sup>2</sup> | DESCRIPTION   | SQUARE FOOTAGE <sup>1</sup>               |       | MIN. DISTANCES BETWEEN STRUCTURES AND PROPERTY LINES (PL) | REQUIREMENTS                                   | USE EXAMPLES  | EXCEPTIONS        |
|--|----------------------------------|---|---|-------|---|--|---|-------------------|
|  |                                  |   | MIN                                       | MAX   |   |  |   |                   |
| New Construction                         | Yes                              | New buildings including mobile homes and commercial coaches <sup>1</sup>  | 0   |       | Per CBC, CRC  | Throughout new buildings                       | All new construction and dwellings                            | Exception 2, 3, 4 |
| Residential Accessory Structure          | Yes                              | Accessory structures as defined in CRC  | 1,000                                     | 3,000 | 50 feet from PL<br>30' between any structures on site     | No heating, cooling, living or sleeping spaces | One story garage, workshop, studio, residential storage bldg. | Exception 1       |
| Agricultural Structure                   | Yes                              | Accessory to agricultural operation, livestock, crops. Agricultural operations in accordance with AG LUO & CBC definition | 3,000                                     | 5,000 | 100 feet from PL,<br>50 feet from other structures        | Primary usage must be 75% livestock or crops   | One story barn or stables                                     | Exception 1       |
| Pole barn, Covered arena, Greenhouse     | No                               | One story hay storage, covered riding arena, greenhouses  | Unlimited if 60 feet on all sides per CBC |       | 100 feet from PL,<br>50 feet from other structures        | No public use or access                        | See description   | None              |
| Agricultural Exempt (no permit required) | No                               | LUO Ag Exempt & signed affidavit  | 0   | 3,000 | 100 feet from PL,<br>50 feet from other structures        | Per Ag Exempt agreement                        | Ag-Barn on Ag zoned land over 20 acres                        | See Title 19      |

**References:**

**CRC:** California Residential Code

**CFC:** California Fire Code

**CBC:** California Building Code

**LUO:** Land Use Ordinance (San Luis Obispo County)

**Footnotes:**

1. For the purpose of calculating square footage for the application of fire sprinkler requirements and fire flow requirements, the floor area shall include all combustible areas attached to the structure, including garages, patio covers, and workshops.
2. Automatic Fire Sprinklers installed at exterior locations shall be approved corrosion resistant devices when environmental or operational conditions warrant.

**Exceptions:**

1. Structures between the minimum and the maximum square footage must meet all the above table criteria and all the following are required in lieu of fire sprinklers: ▪ no conditioned or habitable space, ▪ no second stories (lofts 1/3 the floor area and open to below are allowed), ▪ minimum two exits including one pedestrian door (side hinge swinging door), ▪ workshops or offices limited to 10% of floor area, ▪ dedicated fire water storage minimum of 5,000 gallons steel tank in full compliance with NFPA 1142 (see fire safety plan) if there is no community provided fire hydrant within 500 ft., ▪ structure complies with the California Wildland Urban-Interface Ignition Resistant Construction Requirements, ▪ Cannot be used as a place of employment or for public assemblage/events. ▪ Cannot be used as a commercial building.
2. A single-story building or commercial coach where floor area does not exceed 1000 square feet and the occupancy is not a Group A, E Daycare, F1 Woodworking, group R, Group H, Group I occupancy or any occupancy where cellulose nitrate film, pyroxylin plastics or any hazardous materials manufactured, stored or handled in quantities in excess of Tables in CBC, CFC or within Los Osos CSD and the fire flow from a hydrant is less than 750gpm at 20psi.
3. Mobile/manufactured or factory-built homes or commercial coaches constructed or altered on or before March 12, 2011 which were not manufactured with automatic fire sprinklers.
4. Accessory dwelling units shall not be required to provide fire sprinklers if they are not required for the primary residence.

Amendment No. 8

Section 903.2 Where required is amended to read as follows:

| OCCUPANCY OR STRUCTURAL MODIFICATION TYPE            | SPRINKLERS REQUIRED <sup>3</sup> | DESCRIPTION   | SQUARE FOOTAGE <sup>1</sup>                      | REQUIREMENTS   | USE EXAMPLES  | EXCEPTIONS               |
|--|----------------------------------|---|--|--|---|--------------------------|
| Alterations <sup>1</sup>                             | Yes, if...                       | Alteration includes modifications to the structure  | 50% of existing floor area <sup>2</sup>          | Alterations, additions and remodel square footage will be considered a combined and cumulative sum of floor area                           | Interior remodels<br>Rehabilitation                     | Exceptions<br>1, 2, 3, 4 |
| Additions <sup>1</sup>                               | Yes, if...                       | Additions cumulative from January 01, 2008 regardless of any change of ownership  | 1,000 sf<br>or<br>50% of floor area <sup>2</sup> | Alterations, additions and remodel square footage will be considered a combined and cumulative sum of floor area                           | Any addition  | Exception 4              |
| Hazard Category and Occupancy Classification Changes | Yes                              | Change results in higher hazard or as deemed necessary by fire code official and the building official  | Any  | Hazard classification rating as determined by the fire code official, and occupancy classification as determined by the building official. | Any change of occupancy defined in Chapter 3 of the CBC | None                     |
| Hazardous Materials Inside buildings                 | Yes                              | Cellulose nitrate film or pyroxylin plastics or any hazardous materials manufactured, stored or handled in quantities in excess of Tables in CBC, CFC | Any  | Building and any portion of a building must also include requirements as listed in CFC Chapter 5005.4                                      | Any occupancy   | None                     |

**References:**

**CRC:** California Residential Code

**CFC:** California Fire Code

**CBC:** California Building Code



**Footnotes:**

- <sup>1</sup> For the purpose of calculating square footage for the application of fire sprinkler requirements and fire flow requirements, the floor area shall include all combustible areas attached to the structure, including garages, patio covers, and workshops
  - <sup>2</sup> Fire sprinklers are required when all ceiling coverings are removed, or a project reaches the threshold of 50% of addition or alteration; determination of fire sprinklers shall be made by one of the following methods: 1) By net floor area: Any room(s) or area(s) that are added, altered, rehabilitated or repaired shall have their net floor area calculated and compared to the total net floor area of the existing structure to find the calculated percentage. 2) By surface area: Surface area shall be defined as surfaces of walls and ceilings. Any room(s) or area(s) that are added, altered, rehabilitated or repaired shall have their surface area calculated compared to the total wall and ceiling surface area of the existing structure to find the calculated percentage.
- Note: Change(s) in project scope after the plan review process shall require that the fire sprinkler calculation be revised and submitted for review and approval.
- <sup>3</sup> Automatic Fire Sprinklers installed at exterior locations shall be approved corrosion resistant devices when environmental conditions warrant.
  - <sup>4</sup> Mobile/manufactured or factory-built homes or commercial coaches constructed or altered on or before March 12, 2011 which were not manufactured with automatic fire sprinklers are not subject to fire sprinkler requirements.

**Exceptions:**

1. Alterations limited to only one of the following: replacement of exterior coverings and windows, roofing, electrical services, sewer laterals, retaining walls, or routine plumbing, electrical and mechanical repairs.
2. A loft open to the floor below and no more than one third of the floor area of the room below may be added without requiring sprinklers.
3. REPAIR is the reconstruction or renewal for the purpose of maintenance.
4. Accessory dwelling units shall not be required to provide fire sprinklers if they are not required for the primary residence. Footnote 2 determination is required.

**Section 903.3.8.6 Exterior notification.** All fire sprinkler systems including NFPA 13, 13D, 13R shall provide a local water flow alarm.

**904.11.1. Manual System Operation Training.** It shall be the responsibility of the business owner to ensure that all employees are knowledgeable in the use of manually operated or activated fire-extinguishing systems within the occupancy.

**905.3.1 Building height and area.** Class III standpipe systems shall be installed throughout buildings where the floor level of the highest story is located more than 30 feet (9144 mm) above the lowest level of the fire department vehicle access, or where the floor level of the lowest story is located more than 30 feet (9144 mm) below the highest level of fire department vehicle access and in any parking structure.

A building that is greater than 20,000 square feet (1.858 m<sup>2</sup>) of floor area and greater than 18 feet (5.49 m) in height shall have a dry or wet standpipe system with a 2 ½ inch (64 mm) outlet at the roof near the roof access. Location of the outlet and the fire department connection to the standpipe shall be labeled and approved by the fire code official.

**907.6.6 Monitoring.** Fire alarm systems required by this chapter or by the California Building Code shall be monitored by an approved central station service listed by Underwriters Laboratory for receiving fire alarms in accordance with NFPA 72. The central station shall contact and notify the fire dispatch center immediately on notification of an alarm and prior to making contact with the protected premises.

Exception: Supervisory service is not required for:

1. Single- and multi-station smoke alarms required by Section 907.2.11.
2. Group I-3 occupancies shall be monitored in accordance with Section 907.2.6.3.4.
3. Automatic sprinkler systems in one- and two-family dwellings

**Section 907.10.1.** False alarms exceeding 3 per calendar year are subject to citation and cost recovery.

**5804.3 Outdoor storage.** Storage of flammable cryogenic fluids in stationary containers outside of buildings is prohibited, except when approved by the fire code official. Where outdoor storage of cryogenic fluids is allowed, containers of cryogenic fluids shall not be located within diked areas containing other hazardous materials and shall be in accordance with Sections 3204.3.1 through 3204.3.1.2.3.

**5609.1 Fireworks prohibited.** The manufacturing, possession, storage sale, use and handling of fireworks, including without limitation, "Safe and Sane" fireworks, is prohibited.

**Exceptions:**

1. Use and handling of fireworks for professional display in accordance with Title 19, California Code of Regulations, Chapter 6 and a District Board resolution approving the public display.

**5609.2 Seizure of Fireworks.** The fire code official shall have the authority to seize, take and remove fireworks stored, sold, offered for sale, used or handled in violation of the provisions of Title 19, California Code of Regulations, Chapter 6 and California Health and Safety Code, Chapter 9.

**5704.2.9.6.1 Locations where above-ground tanks are prohibited.** Storage of Class I, Class II, and Class III liquids in unprotected above-ground tanks outside of buildings is prohibited. Tanks containing fuels shall not exceed 8,000 gallons (30 274 L) in individual capacity or 16,000 gallons (60 549 L) in aggregate capacity. Installations with

the maximum allowable aggregate capacity shall be separated from other such installations by not less than 100 feet (30 480 mm).

**5706.2.4.4 Location where above-ground tanks are prohibited.** Storage of Class I liquids in above ground tanks outside of buildings is prohibited. Class II and III liquids may be stored in approved above ground containers for the purpose of dispensing only at facilities where no sales to the public occur and comply with Section 3406.1. Above ground tanks containing Class II and Class III liquids shall not exceed 2,000 gallons. Plans for the installation of above ground tanks shall be submitted to the Fire Department for approval and in conformance with applicable codes and standards. When required, a Conditional Use Permit shall be secured.:

**6104.2 Maximum capacity within established limits.** The installation of any liquid petroleum gas tank over 500 gallons (1,892 L) water capacity is prohibited unless approved by the fire chief.

If any provision of Chapter 50 as it pertains to Explosive Material is in conflict with San Luis Obispo County Code Chapter 6.32, the provisions of Chapter 6.32 shall control

If any provision of Chapter 56 conflicts with San Luis Obispo County Code Chapter 6.32, the provisions of Chapter 6.32 shall control.

**Wildland-Urban Interface Fire Area** is a geographical area identified by the state as a "Fire Hazard Severity Zone" in accordance with Public Resources Code Sections 4201 through 4204 and Government Code Section 51175 through 51189, or other areas designated by the enforcing agency to be at a significant risk from wildfires. Areas within or in proximity to areas identified by the State as a "Fire Hazard Severity Zone" that pose a significant risk from wildfires will be considered by the Avila Beach Community Services District as a Wildland-Urban Interface Fire Area.

**15.08.080 Fire Hazards/Weed and Waste Matter Abatement.**

Section 15.08.80 is added to the Avila Beach Community Services District Fire Code as follows:

A. Introduction

Property Owners and affected properties are exempt where enforcement of this Chapter would result in the taking of endangered, rare, or threatened plant or animal species or will result in significant erosion and sedimentation of surface waters.

B. Weeds Constituting Fire Hazards.

1. All weeds which are described in paragraph B below, growing upon any property or in any public street, sidewalk, or alley which when exposed to the elements, endanger the public safety by creating a fire hazard, and/or impedes access to

fire protection systems or facilities are declared by the District Board of Directors to be a public nuisance.

2. The term "weeds" includes:

- a. Weeds which bear seeds of a downy or wingy nature; Sagebrush, chaparral, and any other brush or weeds which attain such large growth as to become, when dry, a fire menace to adjacent improved property;
- b. Weeds that are otherwise noxious or dangerous;
- c. Poison oak and poison ivy, when the conditions or growth are such as to constitute a menace to the public health;
- d. Dry grasses, stubble, brush, dead shrubs, dead trees, litter or other flammable material which endanger the public safety by creating a fire hazard.

C. Waste Matter Constituting a Fire Hazard.

Rubbish, litter and other flammable materials (collectively waste matter) which when exposed to the elements or which by reason of its location would hamper or interfere with the suppression or prevention of fire upon the premises, and/or endangers the public safety by creating a fire hazard, are declared by District Board of Directors to be a public nuisance

D. Authority of Fire Code Official.

The Fire Code Official is authorized to determine the existence of a public nuisance and to abate the public nuisance pursuant to paragraphs E and F, below.

E. Summary Abatement of Fire Hazards.

1. Pursuant to Government Code Section 61100(t) the provisions of Part 5 (commencing with Section 14875) Division 12 of the Health and Safety Code are incorporated herein by reference.
2. In the application of the provisions of Part 5 (commencing with Section 14875) Division 12 of the Health and Safety Code, to proceedings under this Section, the terms "Board of Directors" shall be deemed to be a "Board of Supervisors" and the District Fire Code Official or his/her designees shall be deemed to be the "persons" designated in Section 14890 of the Health and Safety Code.

F. Violations.

The Fire Code Official is authorized to use provisions of Section 109.3 of this Fire Code, as amended to abate public nuisance.

**SECTION 3. Incorporation of Recitals.**

The Recitals to this Ordinance are true and correct and are incorporated herein by this reference.

**SECTION 4. Severability.**

If any section, subsection, sentence, clause or phrase of this Ordinance and/or the Code Sections adopted by this Ordinance are for any reason held to be unconstitutional, ineffective or in any manner in conflict with the laws of the United States, or the State of California, such decision shall not affect the validity of the remaining portions of this Ordinance. The Governing Board of the District hereby declares that it would have passed this Ordinance and the Code Sections adopted by this Ordinance, and each section, subsection, sentence, clause and phrase thereof, irrespective of the fact that any one or more sections, subsection, sentence, clause or phrase be declared unconstitutional, ineffective, or in any manner in conflict with the laws of the United States or the State of California.

**SECTION 5. Effect of Headings in Ordinance.**

Title, division, part, chapter, article, and section headings contained herein or in the various Codes adopted hereby do not in any manner affect the scope, meaning, or intent of the provisions of this Ordinance or the related Code Sections.

**SECTION 6. CEQA**

The District Board of Directors has considered the Amendment and Restatement of the District's Fire Code. The Board of Directors has, as a result of its consideration, the evidence presented at the hearings on said matter, and all comments that were received during the public hearing process, finds that the amendment and restatement of the District's Fire Code does not constitute a "project" under the California Environmental Quality Act ("CEQA") (Public Resources Code Section 21000 *et. seq.*) or its implementing Guidelines (14 California Code of Regulations Section 15000 *et seq.*) ("CEQA Guidelines"). The Board of Directors finds that the adoption of this amendment and restatement of the District Fire Code, including amendments to the California Fire Code constitutes "general policy and procedure making" described in Section 15378(b)(2) of the CEQA Guidelines which are deemed not to be "projects". Even if the adoption of this amendment and restatement of the District Fire Code, including the amendments to the California Fire Code is a "project" for purposes of CEQA, the District Board finds that it is exempt from review pursuant to Section 15061(b)(3) which provides that an activity is not subject to CEQA review where it can be seen with certainty that there is no possibility that it may have a "significant effect on the

environment." The District Board finds that it can be seen with certainty that there is no possibility that the adoption of the amendment and restatement of the District Fire Code, including the amendments to the California Fire Code may have a significant effect on the environment. The District General Manager is authorized to prepare, execute and file a notice of exemption pursuant to the above provisions.

#### **SECTION 7. Inconsistency.**

To the extent that the terms of provision of this Ordinance or the Code amendments adopted hereby, are inconsistent or conflict with the terms or conditions of any prior District Ordinance(s), Motions, Resolutions, Rules, or Regulations, governing the same subject matter thereof, then such inconsistent and conflicting provisions of prior Ordinances, Motions, Resolutions, Rules, and Regulations are hereby repealed.

#### **SECTION 8.**

Nothing within this Ordinance or the amendment and restatement of the District Fire Code shall be construed to affect any suit or proceeding impending in any court, or any rights acquired, or liability incurred, or any cause or causes of action acquired or existing, under any act or ordinance hereby repealed as cited in Section 7 of this Ordinance; nor shall any just or legal right or remedy of any character be lost, impaired or affected by this Ordinance.

#### **SECTION 9. Publication.**

The summary publication procedures authorized by Section 25124(b)(1) of the Government Code are hereby approved. The summary shall be prepared by the District Fire Chief or his/her designee.

**SECTION 10. Effective Date.**

This Ordinance shall take effect and be in full force and effect thirty (30) days after its passage. Before the expiration of the fifteenth (15<sup>th</sup>) day after passage it shall be published once with the names of the members of the Board of Directors voting for or against the Ordinance in a newspaper of general circulation within the District.

Introduced at a regular meeting of the Board of Directors held on December 14, 2022, and passed and adopted by the District Board of Directors on the 10<sup>th</sup> day of January, 2023 by the following roll call vote to wit:

AYES:

NOES:

ABSENT:

ABSTAIN:

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Pete Kelley, President of the Board of Directors  
Avila Beach Community Services District

ATTEST:

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Brad Hagemann  
District General Manager and Secretary

**AVILA BEACH  
COMMUNITY SERVICES DISTRICT**

Post Office Box 309, Avila Beach, CA. 93424

**MEMORANDUM**

TO: Board of Directors

FROM: Brad Hagemann, General Manager 

DATE: December 13, 2022

SUBJECT: Consider Adoption of Resolution No. 2022-12 authorizing staff to participate and assist County staff in the development of the Desalination Executable Solution and Logistics (DESAL) Plan.

Recommendation:

Staff recommends the Board of Directors adopt Resolution No. 2022-12 authorizing staff to participate in coordination with San Luis Obispo County and other water purveying agencies for the development of the DESAL Plan.

Funding:

The County Public Works Department has committed to funding the initial phase of the DESAL Plan development. There is no obligation on the part of the water agencies to continue with the process and they can “off-ramp” at any time without any funding obligations.

Discussion:

On October 18, 2022, the San Luis Obispo County Public Works (PW) Department submitted a draft Resolution to the Board of Supervisors (BOS) that would authorize Department staff to develop the DESAL Plan in coordination with other County-wide water purveying agencies and stakeholders. The Resolution also authorized PW Department staff to pursue grants to offset the project costs and if successful, return to the BOS for grant award approval. The October 13, 2022, PW Department staff report to the Board of Supervisors is provided as an attachment to this report.

The Board of Supervisors approved the draft Resolution and directed Department staff to move forward with coordinating with the other water purveying agencies. The first step is to obtain confirmation from agencies that are interested in participating in the planning process. As noted above, the County will be covering all consultant costs for this step and agencies are not committed to any future funding obligations. Agencies will be able to opt-out at any time.

Attachments

1. PW Department Staff Report dated 10/18/2022
2. Draft Resolution No. 2022-12





**COUNTY OF SAN LUIS OBISPO  
BOARD OF SUPERVISORS  
AGENDA ITEM TRANSMITTAL**

|  |  |  |                      |
|--|--|--|----------------------|
| (1) DEPARTMENT<br>Public Works   | (2) MEETING DATE<br>10/18/2022           | (3) CONTACT/PHONE<br>Angela Ford,<br>Supervising Water Resources Engineer<br>(805)781-5139   |                      |
| (4) SUBJECT<br>Submittal of a resolution authorizing staff to proceed with developing the Desalination Executable Solution and Logistics Plan in coordination with other participating water-purveying agencies and stakeholders<br>and authorizing the Director of Public Works, or designee, to pursue grants to offset project costs and return to the Board of Supervisors for grant award approval. All Districts.  |  |  |                      |
| (5) RECOMMENDED ACTION<br>It is recommended that the Board, acting as the Board of Supervisors for the San Luis Obispo County Flood Control and Water Conservation District (District) to adopt the attached resolution authorizing staff to proceed with developing the Desalination Executable Solution and Logistics (DESAL) Plan in coordination with other participating water-purveying agencies and stakeholders and authorizing the Director of Public Works, or designee, to pursue grants to offset project costs and return to the Board of Supervisors for grant award approval. |  |  |                      |
| (6) FUNDING SOURCE(S)<br>SLO County Flood Control and Water Conservation District  | (7) CURRENT YEAR FINANCIAL IMPACT<br>N/A | (8) ANNUAL FINANCIAL IMPACT<br>N/A   | (9) BUDGETED?<br>Yes |
| (10) AGENDA PLACEMENT<br><input type="checkbox"/> Consent <input type="checkbox"/> Presentation <input type="checkbox"/> Hearing (Time Est. _____) <input checked="" type="checkbox"/> Board Business (Time Est. 30 min)   |  |  |                      |
| (11) EXECUTED DOCUMENTS<br><input checked="" type="checkbox"/> Resolutions <input type="checkbox"/> Contracts <input type="checkbox"/> Ordinances <input type="checkbox"/> N/A   |  |  |                      |
| (12) OUTLINE AGREEMENT REQUISITION NUMBER (OAR)<br>N/A   |  | (13) BUDGET ADJUSTMENT REQUIRED?<br>BAR ID Number: N/A<br><input type="checkbox"/> 4/5th's Vote Required <input checked="" type="checkbox"/> N/A |                      |
| (14) LOCATION MAP<br>N/A   | (15) BUSINESS IMPACT STATEMENT?<br>No    | (16) AGENDA ITEM HISTORY<br><input type="checkbox"/> N/A Date 11/16/22, #35; 8/25/15, #16  |                      |
| (17) ADMINISTRATIVE OFFICE REVIEW<br>Zachary A. Lute   |  |  |                      |
| (18) SUPERVISOR DISTRICT(S)<br>All Districts   |  |  |                      |

Reference: 22.125



## COUNTY OF SAN LUIS OBISPO

TO: Board of Supervisors

FROM: Public Works  
Angela Ford, Supervising Water Resources Engineer

VIA: Courtney Howard, Water Resources Division Manager  
Kate Ballantyne, Deputy Director of Public Works

DATE: 10/18/2022

SUBJECT: Submittal of a resolution authorizing staff to proceed with developing the Desalination Executable Solution and Logistics Plan in coordination with other participating water-purveying agencies and stakeholders and authorizing the Director of Public Works, or designee, to pursue grants to offset project costs and return to the Board of Supervisors for grant award approval. All Districts.

### **RECOMMENDATION**

It is recommended that the Board, acting as the Board of Supervisors for the San Luis Obispo County Flood Control and Water Conservation District (District) to adopt the attached resolution authorizing staff to proceed with developing the Desalination Executable Solution and Logistics (DESAL) Plan in coordination with other participating water-purveying agencies and stakeholders and authorizing the Director of Public Works, or designee, to pursue grants to offset project costs and return to the Board of Supervisors for grant award approval.

### **DISCUSSION**

Water is critical to the health and well-being of the people, economy, and environment and the District has an important role in ensuring our county's water supplies are adequate and able to respond to, and accommodate, change while continuing to meet the many various needs. In the county, existing conditions and future projections indicate that water security is decreasing as demands increase and available supplies and their reliability decrease. Over the past decade, the Board has expressed interest in desalination as a water supply opportunity and, on November 16, 2021, as the statewide drought continues, the Board identified water resilience and desalination as a top priority.

*Water Supplies, Demand and Outlook*

On March 16, 2021, the Board received a presentation on the various water supply efforts in the county, including conservation, stormwater capture, Nacimiento Water Project optimization, Lopez Water Project spillway raise and optimization, Salinas Dam transfer and spillway raise, State Water Project and Water Management Tools, recycled water, produced water from oil extraction operations, cloudseeding, and regional resiliency. While many of these efforts are in the planning and/or implementation phases and will help extend the county’s water supply, they are not enough to overcome long-term shortages or be relied upon to sustainably meet future needs. Competition for existing water supplies (particularly those that depend on precipitation) in the county, and across the state, is anticipated to increase with new regulations related to groundwater/surface water interactions and minimum sustainability thresholds, water quality, environmental flow, and housing directives. Relying on water sourced from precipitation from a different region is challenging due to the county’s relative geographic isolation, energy and right of way requirements, and the fluctuating supply availability year to year. A new, drought proof, local water supply will be necessary to sustain the county long-term.

Desalination is the longest-term and most resilient strategy since it leverages a renewable, almost inexhaustible resource that would not be diminished by insufficient rainfall or water conservation efforts. Desalination is a drought proof solution for current and projected water supply imbalances caused by strained alternative supplies, increased demand and could be scalable such that its capacity could be expanded as future needs increase.

*DESAL Plan*

Recognizing that a desalination project will take time to plan for, permit, and construct, it is recommended that the Board authorize staff to begin planning now. County staff has coordinated with the Countywide Water Action Team (CWAT), an informal working group of staff from entities across the county with water supply planning responsibilities, to develop a five-phase approach to developing a DESAL Plan and project. All phases, including an anticipated schedule for Phase 1, are described in the following table:

|   |
|---|
| <b>Phase 1: DESAL Plan Agreement Phase</b>  |
| <ul style="list-style-type: none"> <li>• District Board direction to proceed on path to desalination (Today’s recommended action)</li> <li>• Get resolutions from agencies agreeing to be evaluated in DESAL Plan (Fall ‘22)</li> <li>• Develop and vet scope of work with participating agencies (Winter ‘22/Spring ‘23)</li> <li>• Establish stakeholder and public engagement process (implement through all phases)</li> <li>• Seek/pursue grant opportunities (continue through all phases)</li> <li>• Review scope of work/engagement process with the Board/direction to proceed (Summer ‘23)</li> </ul> |
| <b>Phase 2: DESAL Plan Development Phase</b>  |
| <ul style="list-style-type: none"> <li>• District procure consultant</li> <li>• Implement public engagement process</li> <li>• Identify project concept alternatives, vet, and analyze</li> <li>• Rank and select preferred project</li> </ul>  |
| <b>Phase 3: Project Development Agreement Phase</b>   |
| <ul style="list-style-type: none"> <li>• Commitment from project partners to pay for and proceed with project development and all efforts necessary to get to construction phase</li> </ul>   |
| <b>Phase 4: Project Development Phase</b>   |
| <ul style="list-style-type: none"> <li>• Detailed project design, permits and environmental processes, operations and distribution plans, right of way negotiations, water supply and Governance Agreement negotiations, Financing plan</li> </ul>  |

## Phase 5: Project Governance Agreement and Construction Phase

- Execute Governance agreement for construction and ongoing maintenance

### *Stakeholder engagement*

Stakeholder outreach and early engagement are critical to the success of a desalination project for many reasons. One reason is that it takes time to build a broad coalition and public buy-in, both of which are necessary to obtain future permits. This was exhibited recently when Poseidon, in Huntington Beach, had a regional desalination project denied by the California Coastal Commission, in part, because there was not sufficient evidence of local community need/acceptance. Another reason for early engagement is to ensure comprehensive understanding of existing infrastructure deficiencies and opportunities from the outset, informing the widest range of conceptual alternatives for consideration.

To address this need, on June 7, 2022, the Board approved working with stakeholders to update the Countywide Master Water Report. This effort will compliment desalination project planning efforts by providing up-to-date information on supply/demand imbalances and information on short-term water supply strategies such as conservation, recycled water, and groundwater management. It is important to first optimize the use of existing water supplies and there are other separate efforts currently underway to explore and develop those options. However, since they may only be sustainable short-term, it is important to pursue a long-term solution for water supply, such as desalination.

The key stakeholders in a desalination project are water-purveying agencies because they are tasked with supplying water to customers and potentially investing in such a project. The regional infrastructure and/or regional supply associated with these agencies may also be needed both directly and indirectly to make a project feasible. It follows that the DESAL plan, and any resulting project, will be most robust if there is wide interest and involvement from the local water-purveying agencies and their communities. Therefore, a first step is asking those water-purveying agencies to adopt resolutions agreeing to be evaluated and participate in development of the DESAL Plan. Staff would then work with designated staff from those agencies to draft a publicly vetted scope of work for developing the DESAL Plan and approach for involving the full spectrum of stakeholders, from regulatory agencies to the general public.

### **OTHER AGENCY INVOLVEMENT/IMPACT**

Throughout development of the DESAL Plan, local stakeholder engagement and public involvement is anticipated to be facilitated by public meetings of the Water Resources Advisory Committee, where regular updates and opportunities for input will be provided.

In addition to local stakeholders, the outreach/coordination/permitting requirements and the practical realities of developing a successful DESAL Plan will require involvement with many other entities across the state. Other likely entities include, but aren't limited to, the State Water Resources Control Board (SWRCB), California Coastal Commission (CCC), California Department of Fish and Wildlife, Central Coast Regional Water Quality Control Board, and National Marine Fisheries Service.

Additionally, it should be noted that on August 11, 2022, Governor Newsom released a publication called California's Water Supply Strategy that discusses how the "...State will help streamline and expedite permitting to provide clarity and to further desalination projects. By June 2023, the SWRCB, CCC,

the Department of Water Resources, and other state entities (State Land Commission) will develop criteria for siting of desalination facilities along the coast and recommend new standards to facilitate approval.”<sup>1</sup>

## **FINANCIAL CONSIDERATIONS**

For FY 2022-23 one of the Board’s priorities listed Water Resiliency of which included desalination as a water resource management strategy to pursue. Efforts for preliminary desalination planning were included in the District’s FY 2022-23 budget. Staff will return to the Board at a future date with a proposed scope of work for a consultant and the estimated costs associated with DESAL Plan development, including consultant costs, Board/Committee processes, outreach and engagement, to request authorization to proceed with consultant procurement.

Grants will be pursued to offset project costs throughout DESAL Plan development and implementation.

## **RESULTS**

Approval of the resolution will authorize staff to proceed with developing the DESAL Plan in coordination with other participating entities, direct staff to begin stakeholder engagement, and authorize the Director of Public Works, or designee, to pursue grants to offset project costs and return to the Board for grant award approval.

## **ATTACHMENTS**

- 1 Resolution Authorizing Staff to Proceed with Developing the Desalination Executable Solution and Logistics (Desal) Plan in Coordination with Other Participating Agencies and Stakeholders and Authorizing the Director of Public Works, or Designee, to Pursue Grants to Offset Project Costs and Return to the Board of Supervisors for Grant award Approval
- 2 PowerPoint Presentation

File: 890.30.01

Reference: 22.125

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<sup>1</sup> <https://resources.ca.gov/-/media/CNRA-Website/Files/Initiatives/Water-Resilience/CA-Water-Supply-Strategy.pdf>

**AVILA BEACH COMMUNITY SERVICES DISTRICT  
RESOLUTION NO. 2022-12**

**A RESOLUTION OF THE BOARD OF DIRECTORS OF THE  
AVILA BEACH COMMUNITY SERVICES DISTRICT  
APPROVING PARTICIPATION IN THE SAN LUIS OBISPO COUNTY  
DESALINATION EXECUTABLE SOLUTION AND LOGISTICS (DESAL) PLAN**

**WHEREAS**, the Avila Beach Community Services district ("District") provides water service within the District's service area pursuant to section 61100, subdivision (a), of the Community Services District Law; and

**WHEREAS**, adequate water for the people, economy and environment in San Luis Obispo County is needed in perpetuity; and

**WHEREAS**, conflicts surrounding use of the limited existing water supplies are increasing, including limitations on groundwater use and transfers, limitations on surface water diversion and State policies that lead to water system consolidation mandates; and

**WHEREAS**, water use efficiency practices, low impact development, storm water capture and recycled water have been implemented to help extend the limited water supplies but are insufficient to overcome long term shortages and cannot be relied upon to sustainably meet future additional needs and maintain a reasonable quality of life; and

**WHEREAS**, despite conservation efforts which have reduced per capita consumption from 231 gallons per day to 146 gallons per day over the last 25 years<sup>1</sup>, the County remains highly vulnerable to water shortages due to its isolated location and dependence on rainfall; and

**WHEREAS**, the future reliability of existing water supplies and infrastructure that depend on rainfall, such as groundwater and surface water reservoirs and streams, is uncertain due to changing hydrologic patterns, land use, environmental regulations, population growth and aging infrastructure; and

**WHEREAS**, water-purveying agencies are best positioned to develop and utilize water supply projects that will reduce dependence on groundwater and surface water and can thereby relieve competition with individual well owners and the environment for those water supplies; and

**WHEREAS**, due to proximity to the ocean, and future water supply quantity, quality and reliability needs, the 2019 San Luis Obispo County Integrated Regional Water Management Plan and 2012 Countywide Master Water Report identify desalination as a water resource management strategy to pursue; and

**WHEREAS**, while desalination can provide a local, reliable, and sustainable water supply for decades to come, desalination projects take a long time to plan for, permit and construct; and

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<sup>1</sup> <https://www.ppic.org/publication/water-use-in-california/>

**WHEREAS**, the San Luis Obispo County Flood Control and Water Conservation District intends to develop the DESAL Plan over the next several years via a public process that, when complete, will ultimately contain balanced recommendations related to responsibly advancing the implementation of a regional desalination project that will benefit the people, economy and environment in the County; and

**WHEREAS**, the San Luis Obispo County Flood Control and Water Conservation District will be the lead agency and contract administrator for the DESAL Plan and is requesting that water-purveying agencies that wish to be evaluated during the development of the DESAL Plan adopt resolutions approving participation.

**NOW, THEREFORE, BE IT RESOLVED AND ORDERED by the Board of Directors of Avila Beach Community Services District, that:**

1. The Avila Beach Community Services District wishes to be included in the development of the DESAL Plan and to be evaluated as a potential partner in such a regional desalination project in the future in order to inform our decision makers and constituents.
2. The District General Manager], or designee, of the Avila Beach Community Services District is hereby authorized and directed to participate in the development of the DESAL Plan, and to bring forward related recommendations.

On the motion of Director \_\_\_\_\_, seconded by Director \_\_\_\_\_ and on the following roll call vote, to wit:

AYES:

NOES:

ABSENT:

The foregoing Resolution is hereby passed, approved and adopted by the Board of Directors of the Avila Beach Community Services District this 13th day of December 2022.

\_\_\_\_\_  
Peter Kelley  
President of the Board  
AVILA BEACH COMMUNITY  
SERVICES DISTRICT

ATTEST:

\_\_\_\_\_  
Brad Hagemann  
General Manager  
and Secretary to the Board