



## ZONE 3 ADVISORY COMMITTEE

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San Luis Obispo County Flood Control and Water Conservation District

### AGENDA

Thursday, January 16, 2025 10:30 A.M.  
Arroyo Grande City Council Chambers  
215 E. Branch St, Arroyo Grande, CA

- 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. November 20th, 2024 – [Attachment 1](#)
- IV. OPERATIONS REPORT
  - A. Water Plant Operations, Reservoir Storage, Downstream Releases - [Verbal Update](#)
  - B. Projected Reservoir Levels – [Attachment 2](#)
  - C. Historical Reservoir Levels Based on Preliminary Injunction – [Attachment 3](#)
  - D. November & December Monthly Operations Report – [Attachment 4](#)
  - E. Project Updates – [Attachment 5](#)
- V. ACTION ITEMS (No Subsequent Board of Supervisors Action Required)
- VI. ACTION ITEMS (Board of Supervisors Action is Subsequently Required)
  - A. Endorse Arroyo Grande Member Appointment (Aileen Loe – City of AG)
- VII. FUTURE AGENDA ITEMS
- VIII. COMMITTEE MEMBER COMMENTS

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Next Regular Meeting is Scheduled for  
March 20, 2025 at 10:30 AM 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  
MEETING MINUTES  
THURSDAY NOVEMBER 21, 2024**

**I. CALL TO ORDER AND ROLL CALL** The Zone 3 Advisory Committee Meeting was called to order at 10:40 AM at the City of Arroyo Grande Council Chambers by Agriculture Member Alternate, Vard Ikeda. County Public Works Utilities Division Senior Engineer and Secretary to the Advisory Committee, David Spiegel, Called roll. Quorum was present. Members in attendance were.

- Vard Ikeda, Agriculture Member Alternate
- Marcia Guthrie, City of Pismo Beach
- Kate Secrest, City of Arroyo Grande Alternate
- Shirley Gibson, Oceano Community Services District

**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  
Spiegel introduced new Zone 3 Accountant, Kristina Borges and her supervisor Harold Wright.

**III. MEETING MINUTES**

A. September 19, 2024, Meeting – (Attachment 1 of the Agenda Packet) Guthrie motioned to approve, Second by Gibson. Ikeda requested a roll call for approval. Motion passed.

**IV. APPROVAL OF 2025 MEETING SCHEDULE** – (Attachment 2 of the Agenda Packet) Secrest motioned to approve, second by Guthrie; unanimous vote, Motion passed.

**V. OPERATIONS REPORT**

**A. Water Plant Operations, Reservoir Storage, Downstream Releases – (Verbal Update)**

Plant production is at 4.5 million gallons per day (MGD); State Water is at 0 (MGD) CCWA still in maintenance; downstream release is at 3.0 million gallons per day (MGD), Lopez Lake elevation was 518.11 feet, storage 45,458 acre-feet (AF), which is 92% capacity.

**B. Projected Reservoir Levels – (Attachment 3 of the Agenda Packet)** Review of the Lopez Reservoir Storage Projection Chart. Spiegel explained it's tracking normally depending on rainfall. We are predicting to spill again.

Ikeda asks, do you know if the creeks behind the lake flow all year long? Spiegel, We see flow in the eastern arm.

**C. September and October Monthly Operations Report – (Attachment 4 of the Agenda Packet)** Tracking normal for water usage.

## VI. INFORMATION ITEMS

### A. 1<sup>st</sup> Quarter Budget Status – Attachment 5

Summary of overall budget

- The annual budget was 7.4 million dollars, we spent \$1.3 million dollars with 19% expended.
- Routine O&M budget of 5.02 million dollars, we spent 1.3 million dollars with 27% expended.
- Non-Routine O&M budget of 1.46 million dollars with a < 1% of the annual budget expended. Most items in this category have had the budget carried forward from the prior year to continue working on them.
- Capital Outlay budget of \$962,038 with a <1% of the annual budget expended.

Spiegel explained the routine O&M is tracking a little high since we have done a lot of work at the dam, and we are trying to get the maintenance done before the rain hits. It will even out as the year progresses. The non-routine O&M is tracking low, we did a lot of projects at the end of the year. We are waiting for invoices to come in. Capital outlay, we are trying to build up the budgets until we can move forward on projects. Ikeda asked, "Is the spillway physical investigation an annual item?" Spiegel responds, it is not, but what was regulated after the Oroville incident. DSOD required us to do non-destructive and destructive testing of the spillway. We also had to do a soil analysis, and we will see what the report states and any recommendations from our consultants. It is an ongoing thing. Ikeda asks, if it is ongoing and mandatory should it be in the non-routine O&M? Spiegel, I don't think so, because once we fix what they suggest it will have an end date. I would also like to bring up that on the routine O&M the main Dam is at 72% of the project expense. This is due to unforeseen repairs on the flip bucket.

### B. HCP Update - Verbal Update

The National Marine Fisheries Service (NMFS) has requested an additional assessment for a fish passage at the dam. If there are any design firms, you would like to be added to the list please let me know so I can add them when the RFP goes up.

## VII. CAPITAL PROJECTS UPDATE

### A. Bi-Monthly Update – Attachment 6

- **Fire Flow Tank Replacement (No Change) – On Hold**
  - Final Design Plans are complete
  - ~\$500k in Zone 3 funds
  - Budget ~\$1,400,00
- **Membrane Module Replacement (No change)**
  - 2 racks more racks have been replaced and are operational
  - Budget ~\$600,000
- **Spillway Assessment and Investigation**
  - Performed ground penetrating radar
  - Removed concrete cores in Chute and walls, waiting on report
  - Remainder of project ~ minimum of \$300,000

- **Geotechnical Testing & Seismic Alternatives Study of Terminal Reservoir Dam (No Change)**
  - With DSOD for Review
  - Geotechnical Engineering Report Complete
  - DSOD would like a 3D Analysis; this would require an additional budget
  - Budget ~\$500,000
- **Cathodic Protection Repair Project**
  - Working on transient monitoring station plans for DWR/State water line crossing
  - System working well
  - Budget ~\$449,933
- **DAF Building Repairs**
  - Contracted with Quincon/PWS to repair building
  - Rafters support safety tether for maintenance of DAF equipment
  - ~\$95,000

#### **Completed Projects**

- Perimeter Channel Repair
- Sludge Bed Curtain Wall Rehab
- Chemical Tank Replacement
- Spillway Flip bucket Repair (FEMA)
- CO2 Injection System

Vard Ikeda asks, "Who comes up with the budget?" David Spiegel responds, the process starts with me. I talk with the wants and needs of the Operators at the plants and then work with finance. It is a group effort.

### **VIII. ACTION ITEMS (No Subsequent Board of Supervisors Action Required)**

#### **A. Response to David Swift Report (Receive and File) - Attachment 7**

We acknowledge that Mr. Swift did a good job but just lacked information regarding the downstream release. The response was reviewed by Zone 3 TAC members. Secret asks, "for the record who is Mr. Smith?" Spiegel replies, He is a resident, concerned citizen and mechanical engineer. Gibson, If the drought had continued at what point would that affect the downstream release? Spiegel, I would have to look at the low reservoir response plan, but I think we would have stopped at 5000 Acre Feet. Ikeda asks, Do you reduce the downstream release during big storms? Spiegel responds, "We do not, our operational plan is not to cut back the downstream release. When DSOD does their maintenance, we must turn off the downstream release and see how quickly the stream dries up. During winter months we are at our lowest release. Guthrie asks, have you found a new source to determine future rainfall. Spiegel responds, we realized the source we are currently using had not updated their numbers until recently. Desiree is preparing a memo explaining how she does the projection report and where the numbers come from and why. The TAC members also requested this information and I will provide it to you as soon as possible.

Ikeda ask, "Did Zone 3 have an obligation to reply to David Swifts presentation?" Spiegel stated we did not but the Advisory Board requested that we did.

### **IX. ACTION ITEMS (Board of Supervisors Action is Subsequently Required)**

**X. FUTURE AGENDA ITEMS**

Ikeda asks, I would like to know what impact the low levels in the lake had on Lopez Lake and would like a report. David Spiegel responds, we did the Bathymetric Study, and I shared that with the TAC members. The last survey was done in 2002 but with the advancement of technology it shows that the capacity has gone up. We compared the most recent report with the original report.

**XI. COMMITTEE MEMBER COMMENTS**

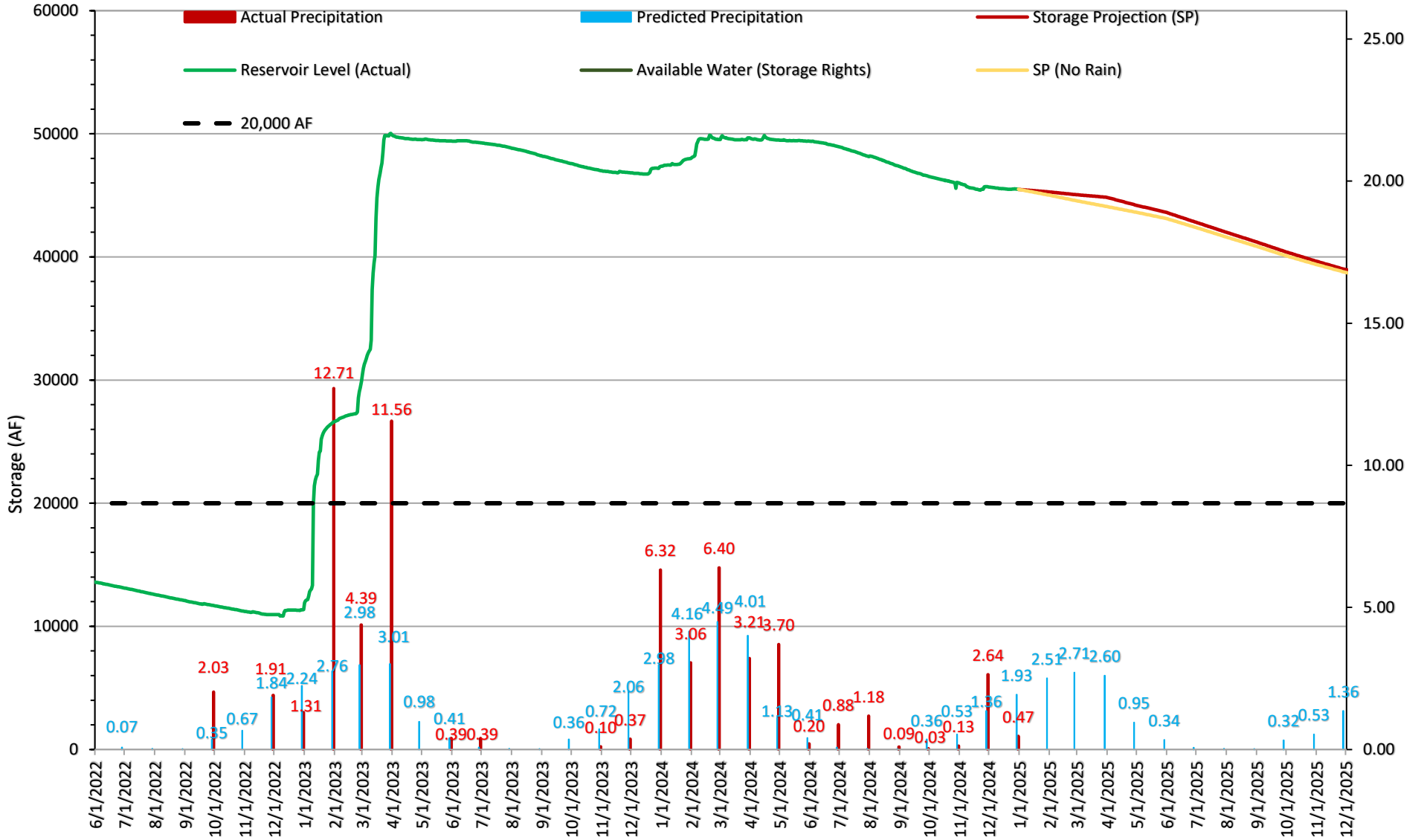
Meeting Adjourned at 11:15 AM by Ikeda; next regular meeting is tentatively scheduled for January 16, 2025, at City of Arroyo Grande Council Chambers

Respectfully Submitted,

Darla Budge

County of San Luis Obispo Public Works Department

# LOPEZ RESERVOIR STORAGE PROJECTION



**Notes:**

Reservoir Storage = Current Storage + Inflow - Outflow

Outflow = Agency Usage + Downstream Releases

Agency Usage: is based on 5-yr average monthly deliveries

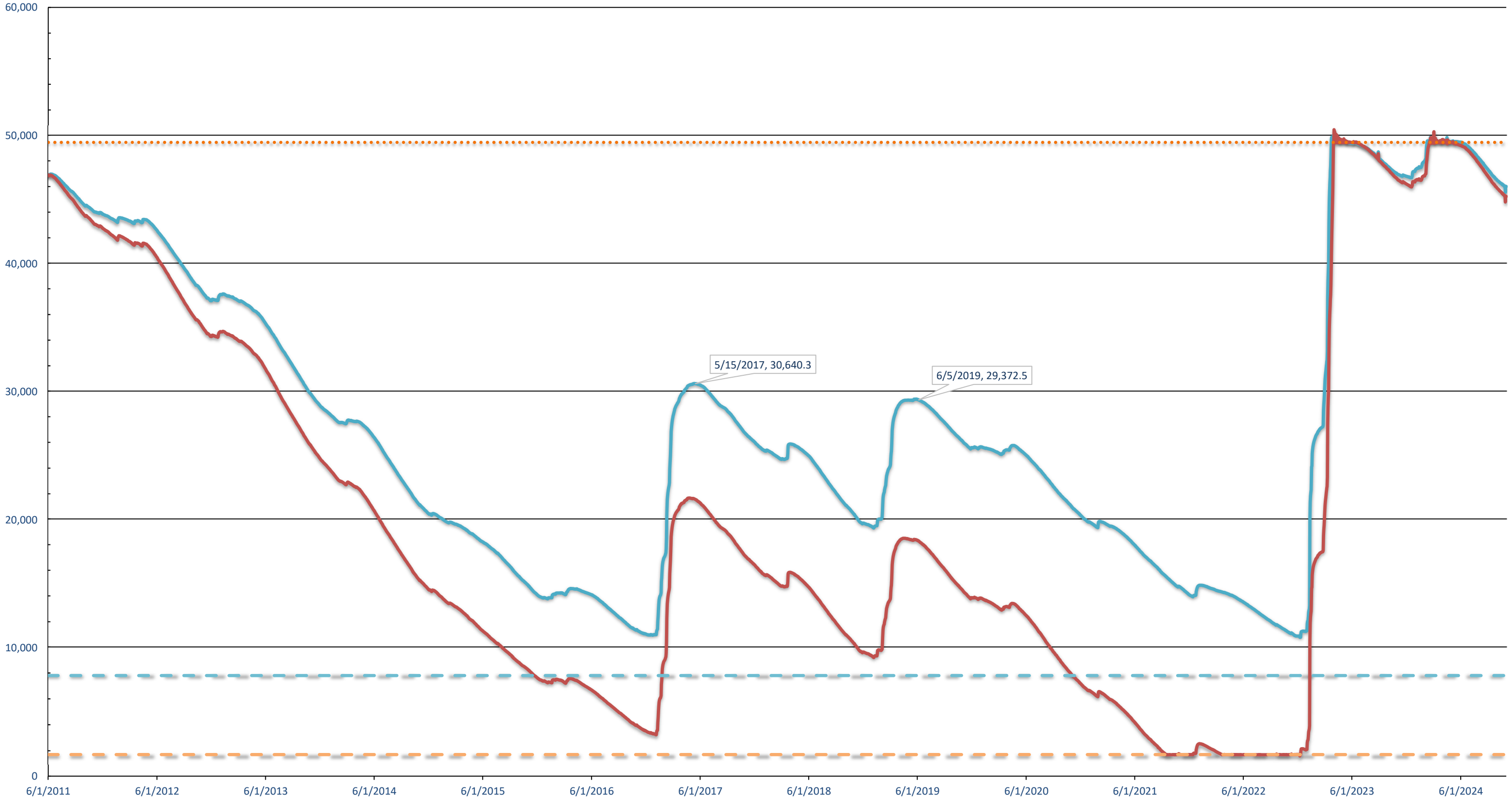
Predicted Inflow: dependent on predicted rainfall data from longrangeweather.com; Only 12 months of predicted rainfall is available, projections beyond 12 months use previous year's data.

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.

# 2011-2024 Lopez Reservoir: Actual Storage vs Predicted Storage

Actual\_Storage [AF] Predicted Storage [AF] Spillway Capacity [49476 AF] Water Quality Issues [7,859 AF] Minimum Pool [1,690 AF]  
Draft 1/10/2025  
Model\_with\_Pulse\_Flows



**San Luis Obispo County Flood Control and Water District  
Zone 3 - Lopez Project - Monthly Operations Report  
November, 2024**

| PROJECT WATER             |             |            |                         |                    |               |             |            |           |            |           |                         |               |             |               |              |          |             |            |            |               |                         |             |       |   |
|---------------------------|-------------|------------|-------------------------|--------------------|---------------|-------------|------------|-----------|------------|-----------|-------------------------|---------------|-------------|---------------|--------------|----------|-------------|------------|------------|---------------|-------------------------|-------------|-------|---|
| AVAILABLE WATER (APR-MAR) |             |            |                         |                    | DELIVERIES    |             |            |           |            |           |                         |               |             |               |              |          |             |            |            |               |                         |             |       |   |
| CONTRACTOR                | ENTITLEMENT | STORED PW* | SURPLUS WATER AVAILABLE | TOTAL AVAILABLE PW | THIS MONTH    |             |            |           |            |           | APRIL TO PRESENT        |               |             |               |              |          |             |            |            |               |                         |             |       |   |
|                           |             |            |                         |                    | ENTITLEMENT   |             | STORED PW  |           | SURPLUS PW |           | DELIVERIES DURING SPILL | TOTAL         |             |               | ENTITLEMENT  |          | STORED PW   |            | SURPLUS PW |               | DELIVERIES DURING SPILL | TOTAL USAGE |       |   |
|                           |             |            |                         |                    | USAGE         | %           | USAGE      | %         | USAGE      | %         | USAGE                   | USAGE         | %           | USAGE         | %            | USAGE    | %           | USAGE      | %          | USAGE         | %                       | USAGE       | USAGE | % |
| AG                        | 2290        | 0          | 0                       | 2290               | 168.31        | 7%          | 0.0        | 0%        | 0.0        | 0%        | 0.00                    | 168.31        | 7%          | 1053.6        | 46%          | 0.0      | 0%          | 0.0        | 0%         | 242.26        | 1295.88                 | 57%         |       |   |
| OCSD                      | 303         | 0          | 124                     | 427                | 46.57         | 15%         | 0.0        | 0%        | 0.0        | 0%        | 0.00                    | 46.57         | 11%         | 276.0         | 91%          | 0.0      | 0%          | 0.0        | 0%         | 0.00          | 276.01                  | 65%         |       |   |
| GB                        | 800         | 0          | 328                     | 1128               | 68.44         | 9%          | 0.0        | 0%        | 0.0        | 0%        | 0.00                    | 68.44         | 6%          | 371.8         | 46%          | 0.0      | 0%          | 0.0        | 0%         | 97.86         | 469.66                  | 42%         |       |   |
| PB                        | 892         | 0          | 366                     | 1258               | 118.74        | 13%         | 0.0        | 0%        | 0.0        | 0%        | 0.00                    | 118.74        | 9%          | 740.8         | 83%          | 0.0      | 0%          | 0.0        | 0%         | 128.38        | 869.20                  | 69%         |       |   |
| CSA 12                    | 245         | 0          | 0                       | 245                | 3.60          | 1%          | 0.0        | 0%        | 0.0        | 0%        | 0.00                    | 3.60          | 1%          | 51.3          | 21%          | 0.0      | 0%          | 0.0        | 0%         | 8.32          | 59.61                   | 24%         |       |   |
| SM                        | N/A         | N/A        | N/A                     | N/A                | N/A           | N/A         | N/A        | N/A       | N/A        | N/A       | N/A                     | N/A           | N/A         | N/A           | N/A          | N/A      | N/A         | N/A        | N/A        | N/A           | N/A                     | N/A         |       |   |
| <b>TOTAL</b>              | <b>4530</b> | <b>0</b>   | <b>819</b>              | <b>5349</b>        | <b>405.66</b> | <b>9.0%</b> | <b>0.0</b> | <b>0%</b> | <b>0.0</b> | <b>0%</b> | <b>0.00</b>             | <b>405.66</b> | <b>7.6%</b> | <b>2493.5</b> | <b>55.0%</b> | <b>0</b> | <b>0.0%</b> | <b>0.0</b> | <b>0%</b>  | <b>476.82</b> | <b>2970.36</b>          | <b>56%</b>  |       |   |

| STATE WATER PROJECT WATER |                  |                      |             |             |           |            |            |                    |          |          |             |              |            |          |          |               |
|---------------------------|------------------|----------------------|-------------|-------------|-----------|------------|------------|--------------------|----------|----------|-------------|--------------|------------|----------|----------|---------------|
| CONTRACTOR                | ANNUAL REQUEST** | CUMULATIVE SSWPW *** | DELIVERIES  |             |           |            |            |                    |          |          |             |              |            |          |          |               |
|                           |                  |                      | THIS MONTH  |             |           |            |            | JANUARY TO PRESENT |          |          |             |              |            |          |          |               |
|                           |                  |                      | REQUEST     | USAGE       | %         | DIE        | AIE        | TOTAL              | REQUEST  | USAGE    | %           | DIE          | AIE        | TOTAL    |          |               |
| AG                        | N/A              | 0.0                  | N/A         | N/A         | N/A       | 0.0        | 0.0        | 0.00               | 0.0      | 0.0      | 0.00        | N/A          | N/A        | 0        | 0        | 0.00          |
| OCSD                      | 357.5            | 0.0                  | 0.0         | 0.00        | 0.0%      | 0.0        | 0.0        | 0.00               | 0.0      | 0.0      | 0.00        | 281.0        | 79%        | 0        | 0        | 281.01        |
| GB                        | N/A              | 0.0                  | N/A         | N/A         | N/A       | 0.0        | 0.0        | 0.00               | 0.0      | 0.0      | 0.00        | N/A          | N/A        | 0        | 0        | 0.00          |
| PB                        | 412.0            | 0.0                  | 0.0         | 0.00        | 0%        | 0.0        | 0.0        | 0.00               | 0.0      | 0.0      | 0.00        | 380.0        | 92%        | 0        | 0        | 379.96        |
| CSA 12                    | 96.0             | 0.0                  | 7.5         | 6.92        | 7%        | 0.0        | 0.0        | 6.92               | 0.0      | 0.0      | 6.92        | 84.7         | 88%        | 0        | 0        | 84.73         |
| SM                        | 90.0             | 0.0                  | 7.0         | 0.00        | 0%        | 0.0        | 0.0        | 0.00               | 0.0      | 0.0      | 0.00        | 51.5         | 57%        | 0        | 0        | 51.45         |
| <b>TOTAL</b>              | <b>955.5</b>     | <b>0.0</b>           | <b>14.5</b> | <b>6.92</b> | <b>1%</b> | <b>0.0</b> | <b>0.0</b> | <b>6.92</b>        | <b>0</b> | <b>0</b> | <b>6.92</b> | <b>797.2</b> | <b>83%</b> | <b>0</b> | <b>0</b> | <b>797.15</b> |

| CONTRACTOR   | TOTAL MONTHLY DELIVERIES [AF] |
|--------------|-------------------------------|
| AG           | 168.31                        |
| OCSD         | 46.57                         |
| GB           | 68.44                         |
| PB           | 118.74                        |
| CSA 12       | 10.52                         |
| SM           | 0.00                          |
| <b>TOTAL</b> | <b>412.58</b>                 |

| DAM & OTHER OPERATIONS                             |            |            |              |
|--|------------|------------|--------------|
|  | THIS MONTH | WY TO DATE | MAX CAPACITY |
| LAKE ELEVATION (ft)                                | 518.35     | N/A        | 522.60       |
| STORAGE [AF]                                       | 45,669     | N/A        | 49,476 92%   |
| MONTHLY RAINFALL [in]<br>(Annual: July 1- June 30) | 2.64       | 28.31      | N/A          |
| DOWNSTREAM RELEASES [AF]                           | 277.12     | 2,519.56   | 4,200.00     |
| LAKE TO TERMINAL [AF]                              | 410.62     | 3,208.20   | N/A          |
| SPILLAGE [AF] (WY)                                 | -          | 2,810.76   | N/A          |
| AG WHEELING OCEANO WATER                           | 1.56       | N/A        | N/A          |

| District Stored SWPW            |               |
|---------------------------------|---------------|
|                                 | [AF]          |
| PREVIOUS DISTRICT SSWPW         | 147.62        |
| DWR METER DELIVERIES            | 0             |
| CHANGE IN STORAGE               | -6.92         |
| EVAPORATION                     | TBD           |
| <b>REMAINING DISTRICT SSWPW</b> | <b>140.70</b> |

| WATER ACCT. AFFECTED DUE TO SPILLAGE |      |
|--------------------------------------|------|
|                                      | [AF] |
| DISTRICT SSWPW                       | N/A  |
| CUMULATIVE SSWPW                     | N/A  |
| TOTAL STORED PROJECT WATER           | N/A  |
| <b>TOTAL</b>                         |      |
| NO WATER SPILLED IN NOVEMBER         |      |

| GLOSSARY                              |  |
|---------------------------------------|--|
| AIE:                                  | Agency Initiated Exchange  |
| DIE:                                  | District Initiated Exchange  |
| N/A:                                  | Not Applicable   |
| PW:                                   | Project Water aka Lopez Water  |
| Stored PW:                            | Generated from unused entitlement water at end of WY                 |
| Surplus Water (AKA Carry Over Water): | Generated from unused DS Releases at end of WY                       |
| SWP:                                  | State Water Project  |
| SSWPW:                                | Stored SWP Water   |
| *                                     | Stored PW includes Declared Surplus Water                            |
| **                                    | Actual amount available is dependent on the State's (DWR) delivery % |
| ***                                   | Stored SWP water resulting from AIE                                  |

**NOTES**

1) By March 31, 2024, a total of 2,532.60 AF of unused entitlement was generated. Corresponding amounts were transferred to each contractor's Stored Project Water bucket.  
2) On May 1, 2024, 2,532.60 AF of Stored Project Water was lost due to April's 2,693.66 AF spill event.  
2) Dam stopped spilling on June 16, therefore half of June Project Water Deliveries (162.55 AF) were reported under "Deliveries During Spill."



**San Luis Obispo County Flood Control and Water District  
Zone 3 - Lopez Project - Monthly Operations Report  
December, 2024**

| PROJECT WATER             |             |            |                         |                    |               |             |            |           |            |           |                         |               |             |               |              |          |             |            |            |               |                         |             |       |   |
|---------------------------|-------------|------------|-------------------------|--------------------|---------------|-------------|------------|-----------|------------|-----------|-------------------------|---------------|-------------|---------------|--------------|----------|-------------|------------|------------|---------------|-------------------------|-------------|-------|---|
| AVAILABLE WATER (APR-MAR) |             |            |                         |                    | DELIVERIES    |             |            |           |            |           |                         |               |             |               |              |          |             |            |            |               |                         |             |       |   |
| CONTRACTOR                | ENTITLEMENT | STORED PW* | SURPLUS WATER AVAILABLE | TOTAL AVAILABLE PW | THIS MONTH    |             |            |           |            |           | APRIL TO PRESENT        |               |             |               |              |          |             |            |            |               |                         |             |       |   |
|                           |             |            |                         |                    | ENTITLEMENT   |             | STORED PW  |           | SURPLUS PW |           | DELIVERIES DURING SPILL | TOTAL         |             |               | ENTITLEMENT  |          | STORED PW   |            | SURPLUS PW |               | DELIVERIES DURING SPILL | TOTAL USAGE |       |   |
|                           |             |            |                         |                    | USAGE         | %           | USAGE      | %         | USAGE      | %         | USAGE                   | USAGE         | USAGE       | %             | USAGE        | %        | USAGE       | %          | USAGE      | %             | USAGE                   | USAGE       | USAGE | % |
| AG                        | 2290        | 0          | 0                       | 2290               | 137.39        | 6%          | 0.0        | 0%        | 0.0        | 0%        | 0.00                    | 137.39        | 6%          | 1190.9        | 52%          | 0.0      | 0%          | 0.0        | 0%         | 419.12        | 1610.04                 | 70%         |       |   |
| OCS                       | 303         | 0          | 124                     | 427                | 41.60         | 14%         | 0.0        | 0%        | 0.0        | 0%        | 0.00                    | 41.60         | 10%         | 317.6         | 105%         | 0.0      | 0%          | 0.0        | 0%         | 0.00          | 317.61                  | 74%         |       |   |
| GB                        | 800         | 0          | 328                     | 1128               | 64.03         | 8%          | 0.0        | 0%        | 0.0        | 0%        | 0.00                    | 64.03         | 6%          | 435.8         | 54%          | 0.0      | 0%          | 0.0        | 0%         | 164.12        | 599.95                  | 53%         |       |   |
| PB                        | 892         | 0          | 366                     | 1258               | 100.79        | 11%         | 0.0        | 0%        | 0.0        | 0%        | 0.00                    | 100.79        | 8%          | 841.6         | 94%          | 0.0      | 0%          | 0.0        | 0%         | 257.00        | 1098.61                 | 87%         |       |   |
| CSA 12                    | 245         | 0          | 0                       | 245                | 4.32          | 2%          | 0.0        | 0%        | 0.0        | 0%        | 0.00                    | 4.32          | 2%          | 55.6          | 23%          | 0.0      | 0%          | 0.0        | 0%         | 15.12         | 70.73                   | 29%         |       |   |
| SM                        | N/A         | N/A        | N/A                     | N/A                | N/A           | N/A         | N/A        | N/A       | N/A        | N/A       | N/A                     | N/A           | N/A         | N/A           | N/A          | N/A      | N/A         | N/A        | N/A        | N/A           | N/A                     | N/A         |       |   |
| <b>TOTAL</b>              | <b>4530</b> | <b>0</b>   | <b>819</b>              | <b>5349</b>        | <b>348.13</b> | <b>7.7%</b> | <b>0.0</b> | <b>0%</b> | <b>0.0</b> | <b>0%</b> | <b>0.00</b>             | <b>348.13</b> | <b>6.5%</b> | <b>2841.6</b> | <b>62.7%</b> | <b>0</b> | <b>0.0%</b> | <b>0.0</b> | <b>0%</b>  | <b>855.35</b> | <b>3696.94</b>          | <b>69%</b>  |       |   |

| STATE WATER PROJECT WATER |                  |                      |             |             |           |            |            |             |                    |            |          |          |               |
|---------------------------|------------------|----------------------|-------------|-------------|-----------|------------|------------|-------------|--------------------|------------|----------|----------|---------------|
| CONTRACTOR                | ANNUAL REQUEST** | CUMULATIVE SSWPW *** | DELIVERIES  |             |           |            |            |             |                    |            |          |          |               |
|                           |                  |                      | THIS MONTH  |             |           |            |            |             | JANUARY TO PRESENT |            |          |          |               |
|                           |                  |                      | ALLOCATION  |             |           | DIE        | AIE        | TOTAL       | ALLOCATION         |            | DIE      | AIE      | TOTAL         |
| REQUEST                   | USAGE            | %                    | USAGE       | USAGE       | USAGE     | USAGE      | %          | USAGE       | USAGE              | USAGE      |          |          |               |
| AG                        | N/A              | 0.0                  | N/A         | N/A         | N/A       | 0.0        | 0.0        | 0.00        | N/A                | N/A        | 0        | 0        | 0.00          |
| OCS                       | 357.5            | 0.0                  | 0.0         | 0.00        | 0.0%      | 0.0        | 0.0        | 0.00        | 281.2              | 79%        | 0        | 0        | 281.18        |
| GB                        | N/A              | 0.0                  | N/A         | N/A         | N/A       | 0.0        | 0.0        | 0.00        | N/A                | N/A        | 0        | 0        | 0.00          |
| PB                        | 412.0            | 0.0                  | 0.0         | 0.00        | 0%        | 0.0        | 0.0        | 0.00        | 380.0              | 92%        | 0        | 0        | 379.96        |
| CSA 12                    | 96.0             | 0.0                  | 7.5         | 6.25        | 7%        | 0.0        | 0.0        | 6.25        | 91.0               | 95%        | 0        | 0        | 90.98         |
| SM                        | 90.0             | 0.0                  | 7.0         | 2.36        | 3%        | 0.0        | 0.0        | 2.36        | 53.8               | 60%        | 0        | 0        | 53.81         |
| <b>TOTAL</b>              | <b>955.5</b>     | <b>0.0</b>           | <b>14.5</b> | <b>8.61</b> | <b>1%</b> | <b>0.0</b> | <b>0.0</b> | <b>8.61</b> | <b>805.9</b>       | <b>84%</b> | <b>0</b> | <b>0</b> | <b>805.93</b> |

| CONTRACTOR   | TOTAL MONTHLY DELIVERIES [AF] |
|--------------|-------------------------------|
| AG           | 137.39                        |
| OCS          | 41.60                         |
| GB           | 64.03                         |
| PB           | 100.79                        |
| CSA 12       | 10.57                         |
| SM           | 2.36                          |
| <b>TOTAL</b> | <b>356.74</b>                 |

| DAM & OTHER OPERATIONS                             |            |            |              |
|--|------------|------------|--------------|
|  | THIS MONTH | WY TO DATE | MAX CAPACITY |
| LAKE ELEVATION (ft)                                | 518.16     | N/A        | 522.60       |
| STORAGE [AF]                                       | 45,502     | N/A        | 49,476       |
| MONTHLY RAINFALL [in]<br>(Annual: July 1- June 30) | 0.47       | 26.14      | N/A          |
| DOWNSTREAM RELEASES [AF]                           | 277.12     | 2,519.56   | 4,200.00     |
| LAKE TO TERMINAL [AF]                              | 410.62     | 3,208.20   | N/A          |
| SPILLAGE [AF] (WY)                                 | -          | 2,810.76   | N/A          |
| AG WHEELING OCEANO WATER                           | 1.18       | N/A        | N/A          |

| District Stored SWPW            |               |
|---------------------------------|---------------|
|                                 | [AF]          |
| PREVIOUS DISTRICT SSWPW         | 140.7         |
| DWR METER DELIVERIES            | 0             |
| CHANGE IN STORAGE               | -6.25         |
| EVAPORATION                     | TBD           |
| <b>REMAINING DISTRICT SSWPW</b> | <b>134.45</b> |

| WATER ACCT. AFFECTED DUE TO SPILLAGE |      |
|--------------------------------------|------|
|                                      | [AF] |
| DISTRICT SSWPW                       | N/A  |
| CUMULATIVE SSWPW                     | N/A  |
| TOTAL STORED PROJECT WATER           | N/A  |
| <b>TOTAL</b>                         |      |
| NO WATER SPILLED IN NOVEMBER         |      |

| GLOSSARY  |  |
|---|--|
| AIE:  | Agency Initiated Exchange                            |
| DIE:  | District Initiated Exchange                          |
| N/A:  | Not Applicable                                       |
| PW:   | Project Water aka Lopez Water                        |
| Stored PW:  | Generated from unused entitlement water at end of WY |
| Surplus Water (AKA Carry Over Water):                                   | Generated from unused DS Releases at end of WY       |
| SWP:  | State Water Project                                  |
| SSWPW:  | Stored SWP Water                                     |
| * Stored PW includes Declared Surplus Water                             |  |
| ** Actual amount available is dependent on the State's (DWR) delivery % |  |
| *** Stored SWP water resulting from AIE                                 |  |

**NOTES**

1) By March 31, 2024, a total of 2,532.60 AF of unused entitlement was generated. Corresponding amounts were transferred to each contractor's Stored Project Water bucket.  
2) On May 1, 2024, 2,532.60 AF of Stored Project Water was lost due to April's 2,693.66 AF spill event.  
2) Dam stopped spilling on June 16, therefore half of June Project Water Deliveries (162.55 AF) were reported under "Deliveries During Spill."



## 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, Utilities Engineer  
**DATE:** January 16, 2025  
**SUBJECT:** Zone 3 Projects Update

### Project Updates:

- Fire Flow Tank Replacement (No Change) – On Hold
  - Final Design Plans are complete
  - ~\$500k in Zone 3 Funds
  - Budget ~\$1,400,000
- Membrane Module Replacement (No Change)
  - 2 racks more racks have been replaced and are operational
  - Budget ~\$600,000
- Spillway Assessment and Investigation (No Change)
  - Waiting for report from GEI
  - Performed ground penetrating radar
  - Removed concrete cores in chute and walls
  - Remainder of project ~ minimum of \$300,000
- Geotechnical Testing & Seismic Alternatives Study of Terminal Reservoir Dam (No Change)
  - With DSOD for Review
  - Geotechnical Engineering Report Complete
  - Budget ~\$500,000
- Cathodic Protection Repair Project (No Change)
  - Working on transient monitoring station plans for DWR/State water line crossing
  - System working well
  - Budget ~\$449,933
- DAF Building Repairs
  - Notice to proceed issued
  - Contracted with Quincon/PWS to repair building
  - Rafters support safety tether for maintenance of DAF equipment
  - ~\$95,000



## ZONE 3 Lopez Project

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San Luis Obispo County Flood Control and Water Conservation District

### **Completed Projects**

- Spillway Flip Bucket Drain Line Repair
- Perimeter Channel Repair
- Sludge Bed Curtain Wall Rehab
- Chemical Tank Replacement
- Spillway Flipbucket Repair (FEMA)
- Bathymetric Study
- CO2 Injection System