



## ZONE 3 ADVISORY COMMITTEE

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San Luis Obispo County Flood Control and Water Conservation District

### AGENDA

Thursday, September 19, 2024, 10:30 A.M.

City of Grover Beach Council Chambers  
154 S. Eighth Street, Grover Beach, CA

- I. CALL TO ORDER AND ROLL CALL
- II. PUBLIC COMMENT  
This is also an opportunity for members of the public to address the Committee on items that are not on the Agenda
- III. MEETING MINUTES
  - A. July 18, 2024 Meeting – [Attachment 1](#)
- IV. OPERATIONS REPORT
  - A. Water Plant Operations, Reservoir Storage, Downstream Releases - [Verbal Update](#)
  - B. Projected Reservoir Levels – [Attachment 2](#)
  - C. July and August Monthly Operations Report – [Attachment 3](#)
- V. INFORMATION ITEMS
  - A. 4<sup>th</sup> Quarter Budget Status – [Attachment 4](#)
  - B. HCP Update - [Verbal Update](#)
- VI. CAPITAL PROJECTS UPDATE
  - A. Bi-Monthly Update – [Attachment 5](#)
- VII. ACTION ITEMS (No Subsequent Board of Supervisors Action Required)
- VIII. ACTION ITEMS (Board of Supervisors Action is Subsequently Required)
- IX. FUTURE AGENDA ITEMS
- X. COMMITTEE MEMBER COMMENTS

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Next Regular Meeting is Scheduled for  
November 21, 2024, at 10:30 AM  
City of Arroyo Grande Council Chambers, 215 E. Branch St  
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 July 18, 2024**

**I. Call to Order and Roll Call** -- The Zone 3 Advisory Committee Meeting was called to order at 10:30 AM at the City of Oceano by County Services Area 12 Brad Hagemann. County Public Works Utilities Division Senior Engineer and Secretary to the Advisory Committee, David Spiegel, called roll. Quorum was present. Members in attendance were:

- Kate Secrest, City of Arroyo Grande Alternate
- Daniel Rushing, City of Grover Beach
- Brad Hagemann, County Services Area 12
- Marcia Guthrie, City of Pismo Beach
- Ron Reilly, Member At Large

**II. Public Comment** – This is an opportunity for members of the public to address the Committee on items that are not on the Agenda.

David Spiegel of Public Works, this just came to my attention this morning from the Water quality lab. There will be caution signage going up at Lopez Lake due to the blue/green Algae. Our intakes 1 through 2 have high algae counts but we are running on Intake 3 which has low algae counts. What we are seeing coming into the terminal reservoir are very low algae counts.

**III. Officer Rotations**

**A. Committee Chair rotating from CSA-12 to Ag Member Representative.**

**B. Committee Vice-Chair rotating from Ag Member to Member at Large Representative.**

Today we do not have an AG Representative so our Member at Large will be conducting the meeting thus far. David Spiegel took roll call vote all members in attendance stated Yes.

**IV. Approval of Meeting Minutes**

**A. May 16, 2024 (Attachment 1 of the Agenda Packet)**– Correction to be made on the May 16<sup>th</sup> minutes, correction and update to Karen Bright's agency. ***Member Rushing motioned approval of the minutes and Member Reilly seconded. Roll Call, Motion passed.***

**V. Operations Report**

**A. Water Plant Operations, Reservoir Storage, Downstream Releases (Verbal Update)**– Lopez Water Treatment Plant is at 4.9 million gallons per day (MGD); State Water is at 0.7 million gallons per day (MGD); downstream release is at 4.1 MGD; Lopez Lake elevation was 52.163 feet; storage 48,595.2 acre-feet (AF), which is 98.2% capacity; with 0 rainfall since July 1<sup>st</sup>.

**B. Projected Reservoir Levels – Review of the Lopez Reservoir Projections Chart (Attachment 2 of the Agenda Packet).**

In the process of making a memo explaining the data from this projection chart. Member Marcia Guthrie “Why are you having a hard time getting predictions for rain for this chart?” David Spiegel replies “The website is no longer producing the data and we are looking into other websites”

**C. May and June Monthly Operations Report – Review of the monthly operations reports with the committee (Attachment 3 of the Agenda Packet).**

The spill lasted a long time, so you have a lot of credit towards your entitlements. Usage is tracking very well. No public comment was given.

**VI. Information Items**

**A. Response to David Swift Report**

David Spiegel states this is still ongoing, and he will start working on the memo and distribute it at the next Advisory meeting.

**B. AG-AG Gauge Fish ladder Project options – (Attachment 4 and Attachment 5 of the Agenda Packet).**

Steph Wald, Watershed Project Manager, Creek Lands Conservation PowerPoint presentation. Also, present Don Chartrand Executive Director and Jude Fledderman Board of Directors Creek Lands Conservation.

Steph Wald discusses the AG Gauge Fish Ladder Project (Attachment 5) David Spiegel I can speak to you regarding attachment 4, which is the legal considerations and options for district funding contribution. The district has given 3 Options.

- Option 1 District Bids the project and takes over
- Option 2 District Grants Additional Funding to Creek Lands
- Option 3 Individual Zone 3 Members Contribute.

Ron Reilly asks David when it says district grants additional funding to Creek Lands do we know where we would pull that from? David Spiegel replies, we have two options either District designated reserves which does not replenish once used or Operational reserves. Nola Engelskirger also would like the Advisory board to be aware that they are recommending to the district to make the investment and then it would go to the Board of Supervisors.

A motion was made for Option 2: District Grants additional funding to Creek Lands and to pull the funding from the operational reserves.

**Member Hagemann motioned, Member Rushing seconded. Roll Call Motion passed.**

**VII. Capital Projects Update**

**A. Bi-Monthly Update- (Attachment 6 of the Agenda Packet)**

- **Fireflow Tank Replacement (No Change)**
  - Final Design Plans are in for review and getting shovel ready
  - Funding through normal budget process
  - ~\$500k in Zone 3 Funds
  - Budget ~\$1,400,000
- **Membrane Module Replacement (No Change)**
  - 2 racks more racks have been replaced and are operational
  - Building up Budget to replace last two racks
  - Budget ~\$600,000

- **Spillway Assessment and Investigation**
  - Work Plan is approved by DSOD
  - Piezometer Installation Scheduled and ground penetrating radar inspections
  - Remainder of project ~ minimum of \$300,000
- **Geotechnical Testing & Seismic Alternatives Study of Terminal Reservoir Dam**
  - Submitting to DSOD for Review
  - Geotechnical Engineering Report Complete
  - Budget ~\$500,000
- **Cathodic Protection Repair Project**
  - Construction complete
  - Testing showed a break in continuity in one location
  - System working well
  - Budget ~\$449,933
- **DAF Building Repairs (No Change)**
  - DAF building has rust damage in multiple girders and roll up doors
  - Rafters support safety tether for maintenance of DAF equipment
  - ~\$95,000

**Completed Projects**

- **Sludge Bed Curtain Wall Rehab**
- **Chemical Tank Replacement**
- **Spillway Flipbucket Repair (FEMA)**
- **Bathymetric Study**
- **CO2 Injection System**

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

None currently

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

**A. AG-AG Gauge Fish Ladder Project**

Please refer to the Information Items

**X. Future Agenda Items**

Lopez terminal reservoir Breach project (FEMA)

**XI. Committee Member Comments**

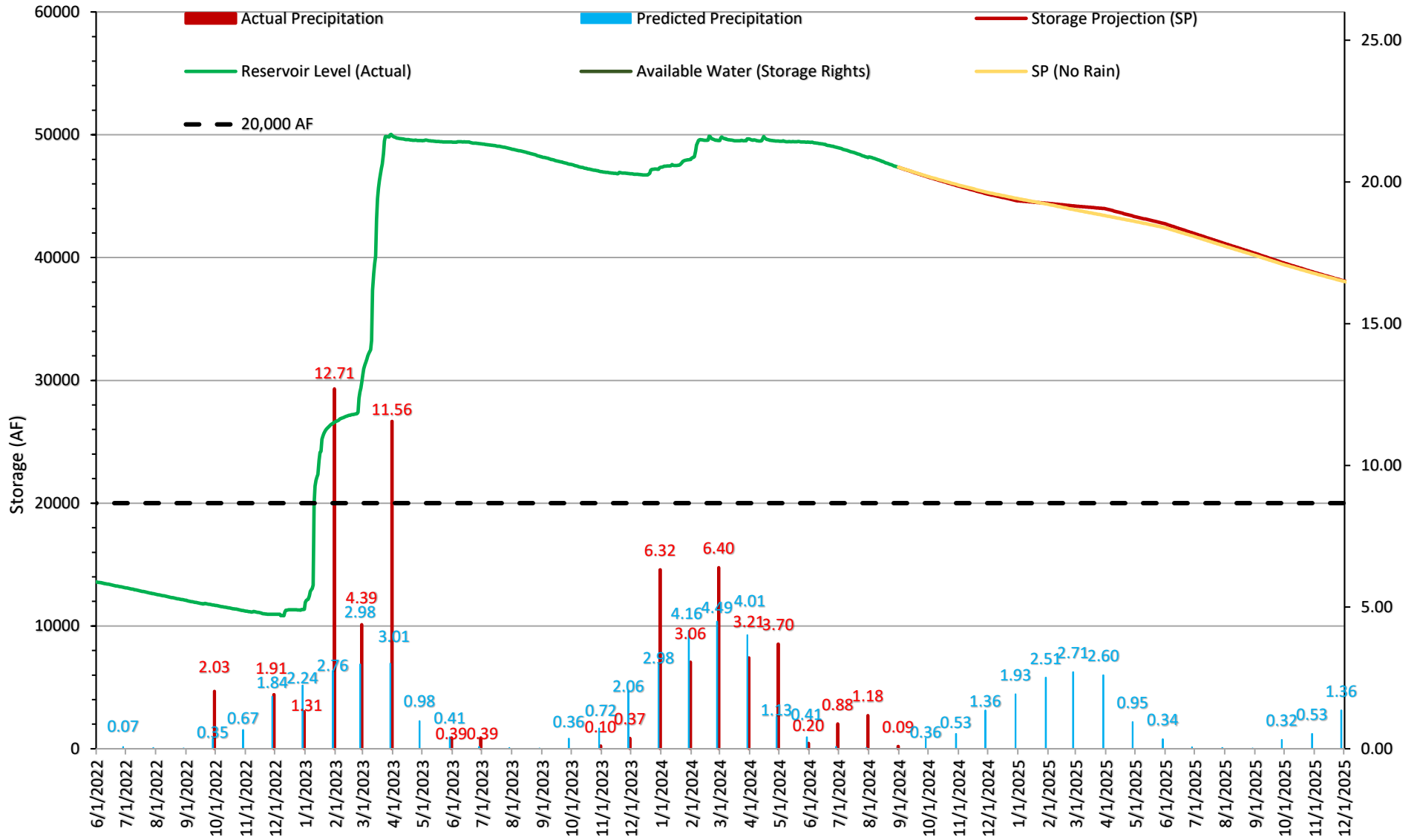
Ron Reilly, when we are going to make a recommendation for an expenditure like that we should probably get more of a heads up prior to the meeting.

**Meeting Adjourned at 11:15 AM**

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.

**San Luis Obispo County Flood Control and Water District  
Zone 3 - Lopez Project - Monthly Operations Report  
July, 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	%			
AG	2290	0	0	2290	203.06	9%	0.0	0%	0.0	0%	0.00	0.00	203.06	9%	304.7	13%	0.0	0%	0.0	0%	0.0	0%	242.26	546.97	24%
OCSD	303	0	124	427	61.95	20%	0.0	0%	0.0	0%	0.00	0.00	61.95	14%	62.0	20%	0.0	0%	0.0	0%	0.00	0.00	61.95	14%	
GB	800	0	328	1128	68.43	9%	0.0	0%	0.0	0%	0.00	0.00	68.43	6%	100.4	13%	0.0	0%	0.0	0%	0.00	0.00	97.86	198.27	18%
PB	892	0	366	1258	164.43	18%	0.0	0%	0.0	0%	0.00	0.00	164.43	13%	188.7	21%	0.0	0%	0.0	0%	0.00	0.00	128.38	317.09	25%
CSA 12	245	0	0	245	12.87	5%	0.0	0%	0.0	0%	0.00	0.00	12.87	5%	17.5	7%	0.0	0%	0.0	0%	0.00	0.00	8.32	25.82	11%
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	N/A	N/A	N/A
<b>TOTAL</b>	<b>4530</b>	<b>0</b>	<b>819</b>	<b>5349</b>	<b>510.74</b>	<b>11.3%</b>	<b>0.0</b>	<b>0%</b>	<b>0.0</b>	<b>0%</b>	<b>0.00</b>	<b>0.00</b>	<b>510.74</b>	<b>9.5%</b>	<b>673.3</b>	<b>14.9%</b>	<b>0</b>	<b>0%</b>	<b>0.0</b>	<b>0%</b>	<b>0.00</b>	<b>0.00</b>	<b>476.82</b>	<b>1150.10</b>	<b>22%</b>

STATE WATER PROJECT WATER														
CONTRACTOR	ANNUAL REQUEST**	CUMULATIVE SSWPW ***	DELIVERIES											
			THIS MONTH				JANUARY TO PRESENT							
			REQUEST	USAGE	%	DIE	AIE	TOTAL	USAGE	%	DIE	AIE	TOTAL	
AG	N/A	0.0	N/A	N/A	N/A	0.0	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	0.00	281.0	79%	0	0	0	281.01	
GB	N/A	0.0	N/A	N/A	0.0	0.0	0.00	N/A	N/A	0	0	0	0.00	
PB	412.0	0.0	0.0	0.00	0.0	0.0	0.00	380.0	92%	0	0	0	379.96	
CSA 12	96.0	0.0	8.5	8.50	9%	0.0	8.50	51.3	53%	0	0	0	51.31	
SM	90.0	0.0	8.0	6.11	7%	0.0	6.11	33.4	37%	0	0	0	33.41	
<b>TOTAL</b>	<b>955.5</b>	<b>0.0</b>	<b>16.5</b>	<b>14.61</b>	<b>2%</b>	<b>0.0</b>	<b>0.0</b>	<b>14.61</b>	<b>745.7</b>	<b>78%</b>	<b>0</b>	<b>0</b>	<b>745.69</b>	

CONTRACTOR	TOTAL MONTHLY DELIVERIES
AG	203.06
OCSD	61.95
GB	68.43
PB	164.43
CSA 12	21.37
SM	6.11
<b>TOTAL</b>	<b>525.35</b>

DAM & OTHER OPERATIONS			
	THIS MONTH	WY TO DATE	MAX CAPACITY
LAKE ELEVATION (ft)	521.20	N/A	522.60
STORAGE [AF]	48,112	N/A	49,476
MONTHLY RAINFALL [in] (Annual: July 1- June 30)	1.18	25.42	N/A
DOWNSTREAM RELEASES [AF]	380.24	1,141.32	4,200.00
LAKE TO TERMINAL [AF]	503.30	1,466.61	N/A
SPILLAGE [AF] (WY)	-	2,810.76	N/A
AG WHEELING OCEANO WATER	2.16	N/A	N/A

District Stored SWPW	
PREVIOUS DISTRICT SSWPW	[AF]
DWR METER DELIVERIES	
CHANGE IN STORAGE	
EVAPORATION	
<b>REMAINING DISTRICT SSWPW</b>	

WATER ACCT. AFFECTED DUE TO SPILLAGE	
DISTRICT SSWPW	[AF]
CUMULATIVE SSWPW	0.00
TOTAL STORED PROJECT WATER	0.00
<b>TOTAL</b>	<b>0.00</b>
JULY ENTITLEMENT USAGE	0.00

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 D5 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.
  - 3) 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  
August, 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	%
AG	2290	0	0	2290	190.10	8%	0.0	0%	0.0	0%	0.00	0.00	190.10	8%	494.8	22%	0.0	0%	0.0	0%	242.26	737.07	32%
OCSD	303	0	124	427	57.34	19%	0.0	0%	0.0	0%	0.00	0.00	57.34	13%	119.3	39%	0.0	0%	0.0	0%	0.00	119.29	28%
GB	800	0	328	1128	64.00	8%	0.0	0%	0.0	0%	0.00	0.00	64.00	6%	164.4	21%	0.0	0%	0.0	0%	97.86	262.27	23%
PB	892	0	366	1258	148.42	17%	0.0	0%	0.0	0%	0.00	0.00	148.42	12%	337.1	38%	0.0	0%	0.0	0%	128.38	465.51	37%
CSA 12	245	0	0	245	13.96	6%	0.0	0%	0.0	0%	0.00	0.00	13.96	6%	31.5	13%	0.0	0%	0.0	0%	8.32	39.78	16%
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	N/A
<b>TOTAL</b>	<b>4530</b>	<b>0</b>	<b>819</b>	<b>5349</b>	<b>473.82</b>	<b>10.5%</b>	<b>0.0</b>	<b>0%</b>	<b>0.0</b>	<b>0%</b>	<b>0.00</b>	<b>0.00</b>	<b>473.82</b>	<b>8.9%</b>	<b>1147.1</b>	<b>25.3%</b>	<b>0</b>	<b>0.0%</b>	<b>0.0</b>	<b>0%</b>	<b>476.82</b>	<b>1623.92</b>	<b>30%</b>

STATE WATER PROJECT WATER													
CONTRACTOR	ANNUAL REQUEST**	CUMULATIVE SSWPW ***	DELIVERIES										
			THIS MONTH					JANUARY TO PRESENT					
			ALLOCATION			DIE	AIE	TOTAL	ALLOCATION			DIE	AIE
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
OCSD	357.5	0.0	0.0	0.00	0.0%	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	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	9.5	9.50	10%	0.0	0.0	9.50	60.8	63%	0	0	60.81
SM	90.0	0.0	8.0	5.92	7%	0.0	0.0	5.92	39.3	44%	0	0	39.33
<b>TOTAL</b>	<b>955.5</b>	<b>0.0</b>	<b>17.5</b>	<b>15.42</b>	<b>2%</b>	<b>0.0</b>	<b>0.0</b>	<b>15.42</b>	<b>761.1</b>	<b>80%</b>	<b>0</b>	<b>0</b>	<b>761.11</b>

CONTRACTOR	TOTAL MONTHLY DELIVERIES [AF]
AG	190.10
OCSD	57.34
GB	64.00
PB	148.42
CSA 12	23.46
SM	5.92
<b>TOTAL</b>	<b>489.24</b>

DAM & OTHER OPERATIONS			
	THIS MONTH	WY TO DATE	MAX CAPACITY
LAKE ELEVATION (ft)	520.28	N/A	522.60
STORAGE [AF]	47,380	N/A	49,476
MONTHLY RAINFALL [in] (Annual: July 1- June 30)	0.09	25.51	N/A
DOWNSTREAM RELEASES [AF]	382.08	1,523.40	4,200.00
LAKE TO TERMINAL [AF]	492.86	1,959.47	N/A
SPILLAGE [AF] (WY)	-	2,810.76	N/A
AG WHEELING OCEANO WATER	2.12	N/A	N/A

District Stored SWPW	
	[AF]
PREVIOUS DISTRICT SSWPW	
DWR METER DELIVERIES	
CHANGE IN STORAGE	
EVAPORATION	
<b>REMAINING DISTRICT SSWPW</b>	

WATER ACCT. AFFECTED DUE TO SPILLAGE	
	[AF]
DISTRICT SSWPW	0.00
CUMULATIVE SSWPW	0.00
TOTAL STORED PROJECT WATER	0.00
<b>TOTAL</b>	<b>0.00</b>
JULY ENTITLEMENT USAGE	0.00

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."



**September 19, 2024**

**MEMORANDUM**

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

**FROM:** Katie Franco, Finance Division Manager

**SUBJECT:** Flood Control Zone 3, Fourth Quarter Budget Status, Fiscal Year 2023-24

**Recommendation**

The item to be received and filed.

**Summary**

Attached please find a comparison of the budget to actual expenses for the third quarter of Fiscal Year 2023-24. The \$8.5M budget is broken into three categories: Routine Operations & Maintenance, Non-Routine Operations & Maintenance, and Capital Outlay. At the end of the third quarter, 56% of the total annual budget had been expended.

Total Budget	Expenses through Q4	Balance Available	% of Budget Expended
8,514,244	7,774,753	739,491	91%

**Routine O&M:** This category has a budget of \$4.8M dollars. At the end of the fiscal year, 113% of the annual budget has been expended. Expenses in this category are above target with budgeted levels.

Total Budget	Expenses through Q4	Balance Available	% of Budget Expended
4,896,194	5,515,986	(619,792)	113%



**Non-Routine O&M:** This category has a budget of approximately \$1.58M. At the end of the fiscal year, 27% of the annual budget had been expended. Approximately, \$1.1M will be carried forward to the 2024-25 fiscal year.

Total Budget	Expenses through Q4	Balance Available	% of Budget Expended
1,586,928	422,787	1,164,141	27%

**Capital Outlay:** This category has a budget of \$2.03M. At the end of the third quarter, expenses were 90% of the annual budget. Approximately, \$195,000 will be carried forward to the 2024-25 fiscal year.

Total Budget	Expenses through Q4	Balance Available	% of Budget Expended
2,031,122	1,835,979	195,143	90%

**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.

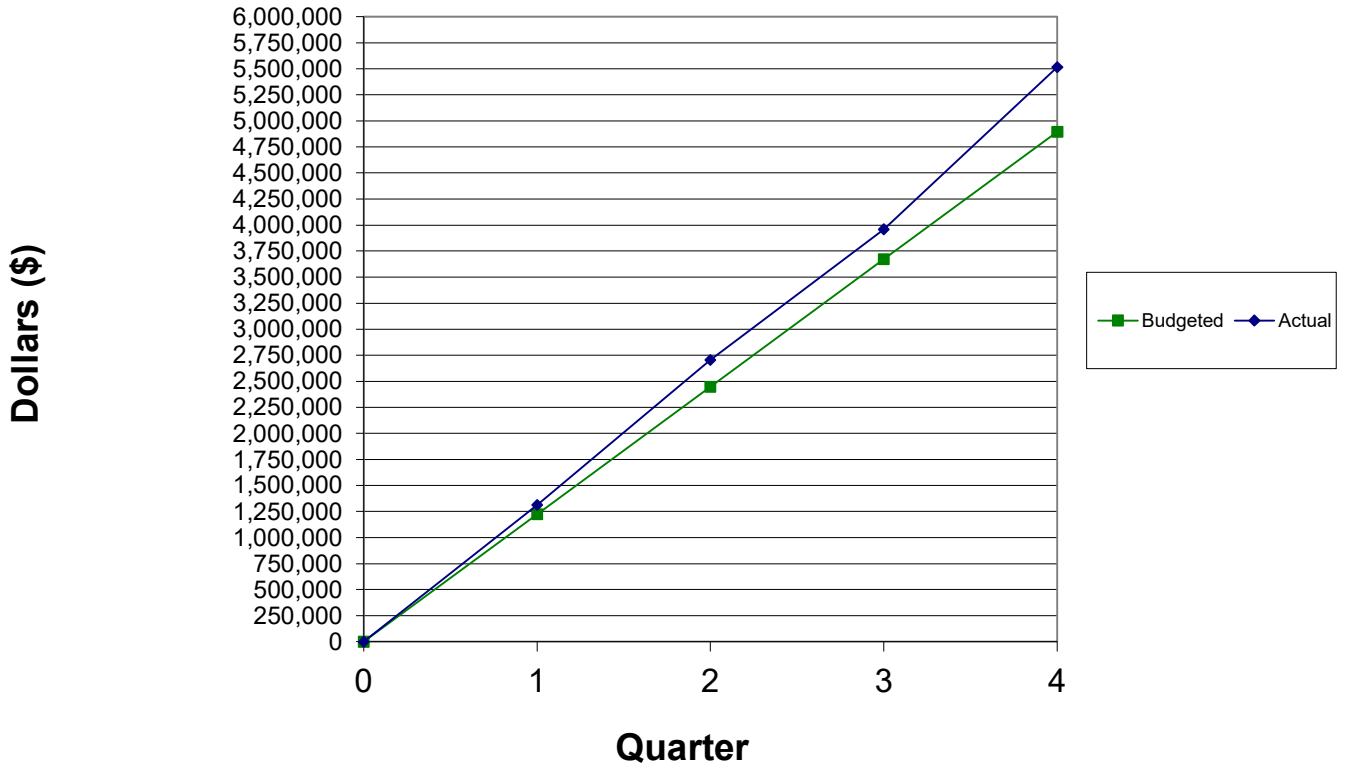
**Financial Consideration**

All agencies have been billed for their 1<sup>st</sup> installment payments for the fiscal year 2024/25.

The true-up for actual expenditures against budgeted levels as of Q4 will be allocated to the agencies and mailed along with the 2<sup>nd</sup> installment for FY 2024-25 billings that will be due January 1, 2025.

Zone 3 Budget Status  
4th Quarter FY23/24

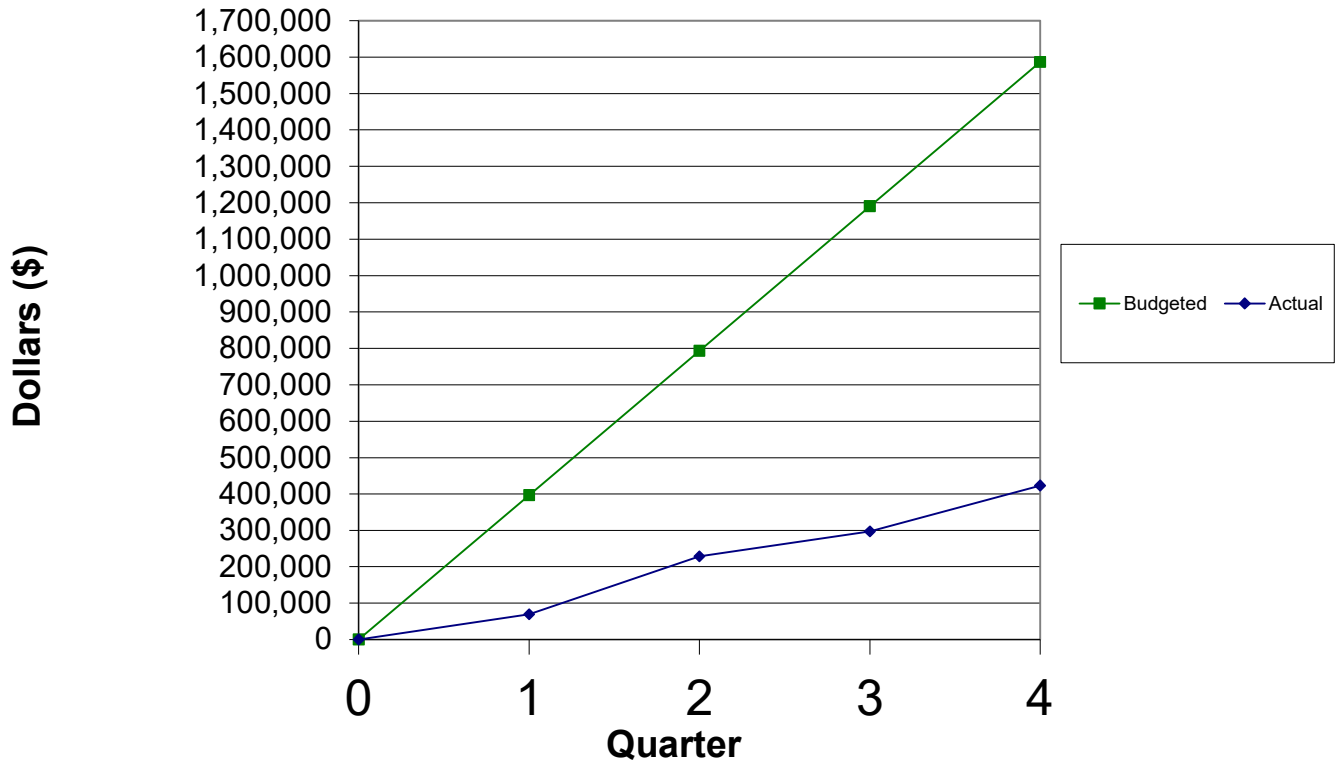
## Routine Operation and Maintenance



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	24,078	6,045	3,606	5,869	6,595	22,115	92%	
Chemicals - Water Treatment Plant	\$ 496,798	\$ 177,760	\$ 112,574	\$ 123,813	\$ 93,098	\$ 507,245	102%	\$ (10,446)
Water Quality Testing - Treatment Plant	185,882	15,768	10,912	11,013	13,942	51,635	0%	134,247
Electricity - Water Treatment Plant	382,453	122,473	81,019	46,974	80,582	331,048	87%	51,405
All Other Costs - Water Treatment Plant	2,075,298	496,453	537,052	432,161	682,918	2,148,583	104%	(73,285)
Terminal	117,040	62,965	59,739	29,112	77,498	229,314	196%	(112,274)
Main Dam	281,009	158,574	39,383	42,753	174,452	415,162	148%	(134,153)
Other	1,357,714	278,926	550,759	569,754	433,561	1,833,000	135%	(475,286)
<b>Expenses</b>		<b>1,312,918</b>	<b>1,391,438</b>	<b>1,255,580</b>	<b>1,556,050</b>	<b>5,515,986</b>	<b>113%</b>	<b>(619,792)</b>
<b>Budget</b>	<b>4,896,194</b>	<b>1,224,049</b>	<b>1,224,049</b>	<b>1,224,049</b>	<b>1,224,049</b>	<b>4,896,198</b>		
<b>Variance (over)/under</b>		<b>(88,870)</b>	<b>(167,390)</b>	<b>(31,532)</b>	<b>(332,002)</b>	<b>(619,792)</b>		
<b>% Variance</b>		<b>-7%</b>	<b>-14%</b>	<b>-3%</b>	<b>-27%</b>			

Zone 3 Budget Status  
4th Quarter FY23/24

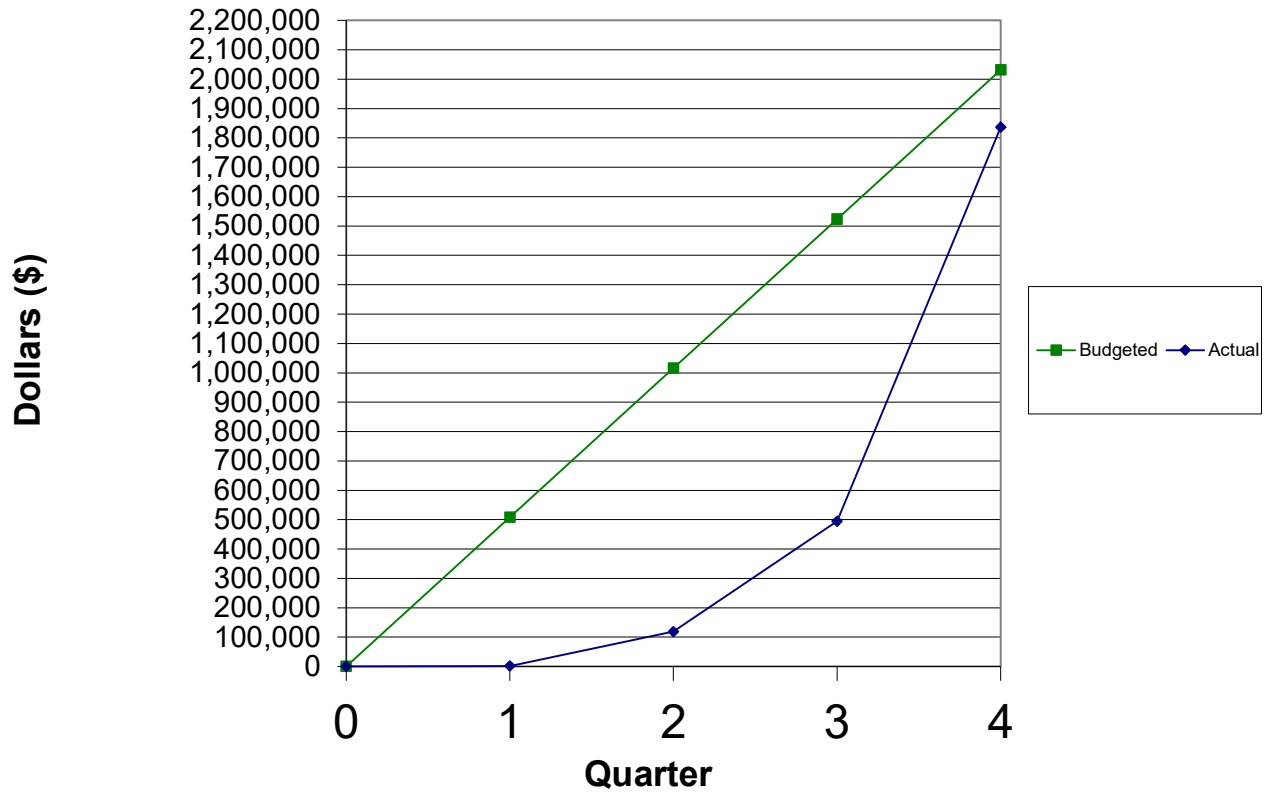
## Non-Routine Operation and Maintenance



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	\$ 437,811	\$ 5,251	\$ 105,773	\$ 28,952	\$ 19,056	\$ 159,032	36%	\$ 278,779
Cathodic Protection Maint	-	\$ -	-	-	-	\$ -	0%	\$ -
Contribution to ISF/New Equip	110,931	\$ -	5,019	26	28,013	\$ 33,058		\$ 77,873
Geotech Test/Seismic Alt Study Terminal Dam	168,738	64,181	2,167	37,928	33,382	137,658	82%	31,080
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	375,495	-	-	-	-	-	0%	375,495
Domestic Tank Repair	-	-	-	-	-	-	0%	-
Spillway Physical Investigation	403,953	-	45,914	1,914	5,940	53,768	13%	350,185
Contr to FC General AG Creek Subbasin	-	-	-	-	-	-	0%	-
Replace Stem Wall Sludge Bed 2	90,000	-	-	-	39,271	39,271	100%	50,729
Expenses		69,432	158,873	68,820	125,662	422,787	27%	1,164,141
<b>Budget</b>	<b>1,586,928</b>	<b>396,732</b>	<b>396,732</b>	<b>396,732</b>	<b>396,732</b>	<b>1,586,928</b>		
Variance (over)/under		327,300	237,859	327,912	271,070	1,164,141		
% Variance		82%	60%	83%	68%			

Zone 3 Budget Status  
4th Quarter FY23/24

### Capital Outlay



Capital Outlay Projects	Total Budget	1st Quarter	2nd Quarter	3rd Quarter	4th Quarter	Total	% of Budget	Avail
Improved Boat Access at Term Res	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -		\$ -
Fireflow Tank Repair	379,674	-	475	65,957	48,527	114,959	30%	264,715
Cathodic Protection Units 1-3	480,415	417	433	125,933	330,848	457,631	95%	22,784
Dump Trailer	-	-	-	-	-	-	0%	-
ATV, Polaris	-	-	-	-	-	-	0%	-
New Water Treatment Barge	-	-	-	-	-	-	0%	-
Upgrade EQ Pump	17,623	-	-	-	-	-	0%	17,623
Carbon Dioxide Injection System	23,316	653	57,319	12,072	59,301	129,345	555%	(106,029)
WTP-Membrance Filter Modules (2 Racks)	610,094	-	-	-	583,178	583,178	96%	26,916
Chemical Tank Replacement	520,000	-	58,778	171,987	320,101	550,866	106%	(30,866)
<b>Expenses</b>		<b>1,070</b>	<b>117,005</b>	<b>375,949</b>	<b>1,341,955</b>	<b>1,835,979</b>	<b>90%</b>	<b>195,143</b>
<b>Budget</b>	<b>2,031,122</b>	<b>507,781</b>	<b>507,781</b>	<b>507,781</b>	<b>507,781</b>	<b>2,031,122</b>		
<b>Variance (over)/under</b>		<b>506,711</b>	<b>390,776</b>	<b>131,832</b>	<b>(834,175)</b>	<b>195,143</b>		
<b>% Variance</b>		<b>100%</b>	<b>77%</b>	<b>26%</b>	<b>-164%</b>			



## 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, Utilities Engineer

**DATE:** September 11, 2024

**SUBJECT:** Zone 3 Projects Update

**Project Updates:**

Lopez Terminal Breach Repair

- Rob Reynolds Construction is currently repairing the location
- Budget ~\$120,000 (FEMA)

Fireflow 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

- GEI starting work August 26<sup>th</sup>
- Piezometer Installation Scheduled for August
- Remainder of project ~ minimum of \$300,000

Geotechnical Testing & Seismic Alternatives Study of Terminal Reservoir Dam (No Change)

- Submitted to DSOD for Review
- Geotechnical Engineering Report Complete
- Budget ~\$500,000

Cathodic Protection Repair Project (No Change)

- Construction complete
- Break in continuity investigation ongoing
- System working well
- Budget ~\$449,933

DAF Building Repairs (No Change)

- DAF building has rust damage in multiple girders and roll up doors
- 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**

- Sludge Bed Curtain Wall Rehab
- Chemical Tank Replacement
- Spillway Flipbucket Repair (FEMA)
- Bathymetric Study
- CO2 Injection System