



## ZONE 3 ADVISORY COMMITTEE

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San Luis Obispo County Flood Control and Water Conservation District

### AGENDA

Thursday, May 16, 2024 10:30 A.M.

City of Pismo Beach Council Chambers  
760 Mattie Rd., Pismo Beach, CA 93449

- 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. March 21, 2024 Meeting – [Attachment 1](#)
- IV. OPERATIONS REPORT
  - A. Water Plant Operations, Reservoir Storage, Downstream Releases - [Verbal Update](#)
  - B. Projected Reservoir Levels – [Attachment 2](#)
  - C. March and April Monthly Operations Report – [Attachment 3](#)
- V. INFORMATION ITEMS
  - A. Present 3<sup>rd</sup> Quarter FY 2023/24 Budget Status– [Attachment 4](#)
- VI. CAPITAL PROJECTS UPDATE
  - A. Bi-Monthly Update – [Attachment 5](#)
- VII. ACTION ITEMS (No Subsequent Board of Supervisors Action Required)
  - A. Declare Surplus Water – [Attachment 6](#)
- 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  
July 18, 2024 at 10:30 AM at Oceano Community Services District  
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 MARCH 21, 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 Arroyo Grande by Kristen Barneich. County Public Works Utilities Division Senior Engineer and Secretary to the Advisory Committee, David Spiegel, called roll. Quorum was present. Members in attendance were:

- Kristen Barneich City of Arroyo Grande
- Daniel Rushing, City of Grover Beach
- Marcia Guthrie, City of Pismo Beach
- Shirley Gibson, Oceano Community Services District
- Brad Hagemann; Community Services District 12
- Ron Reilly, Member at Large Delegate

**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 Swift presented “Lopez Analysis” please see attached addendum.

Kristen Barneich asked that David Spiegle share the “Lopez Analysis” with the TAC members at the next meeting or electronically.” Kristen Barneich asks, “Mr. Swift are you attending the Central Coast Blue meetings?” Mr. David Swift responds “Yes I have and that is actually what triggered me to look into this.

Brad Hagemann “Thank you for the data and your analysis regarding the downstream release.

David Spiegle “I can comment “The HCP is in progress, but nothing to share just yet. It will be looking at an adaptive management strategy as far as the downstream release. As soon as I have information I will share with the TAC and AC, just not quite there yet.

Kristen Barneich “I would imagine the farmers would have some input regarding the downstream releases because those effects them” David Speigle responds “They do, typically the way we’ve operated the downstream releases is that we send out a spreadsheet to the farmers and get their feedback and compare to historical use.

Public Comment Closed

**III. Approval of Meeting Minutes**

**A. November 16, 2023 (Attachment 1 of the Agenda Packet)– Member Ron Reily motioned to approve, Second by Member Daniel Rushing. Roll call vote. ; Motion passed.**

**IV. Operations Report**

**A. Water Plant Operations, Reservoir Storage, Downstream Releases** — The Plant is currently off-line due to the chemical tank replacement; State Water was 3.9 million gallons per day (MGD); downstream release was 2.3 million gallons per day (MGD), Lopez Lake elevation was 522.75 feet; storage 49,526.6 acre-

feet (AF), which is 103% capacity; rainfall to date is 21.33 and the Spillway is 21.2 CFS.

- i. Kristen Barneich asks, "How is it above 100% full?" David Spiegle replies "The spillway crest is considered 100% full and anything going over that makes it go above that and the spillway is currently at 21.2 CFS

**B. Projected Reservoir Levels (Attachment 2 of the Agenda Packet)** — Review of the Lopez Reservoir Storage Projection Chart. David Spiegel states that the chart is always a month behind.

**C. January and February Monthly Operations Report (Attachment 3 of the Agenda Packet)** — Review of the monthly operations reports with the Committee. No questions or comments.

No public comment was given.

## V. Information Items

### A. Present 2<sup>nd</sup> Quarter FY 2022/23 Budget Status (Attachment 4 of the Agenda Packet)

- i. The annual budget was \$8.5 million dollars, 36% expended.
- ii. Routine O&M budget of \$4.8 million dollars, 55% expended. Tracking well
- iii. Non-Routine O&M budget approximately \$1.58 million dollars, with 14% expended,. Tracking low we should see the graph start to catch up as soon as some of the projects wrap up. Cloud seeding is holding the graph low since we are not going to use it.
- iv. Capital Outlay budget of \$2.03 million dollars, with 6% expended. Tracking low due to trying to build up funds for the Fireflow project. There is a possibility of ARPA funds, but we will not know until July. The Cathodic protection project is almost fully complete, and we will start writing checks for the budgeted \$480,000.  
Brad Hagemann asks, "What are ARPA funds?" David Spiegle replies, "The American Rescue Plan Act" It is a use it or lose it fund.

## VI. Capital Projects Update

### A. Bimonthly Update (Attachment 5 of the Agenda Packet)

- **Fireflow Tank Replacement**
  - Geotech work has been completed
  - Working on 90% design plans
  - We will know in June or July if we have ARPA funds or if we need additional funding.

- Budget~ \$800,000
- **Membrane Module Replacement (No change)**
  - Postponed delivery due to work currently happening at the plant.
  - Budget ~\$600,000
- **Spill Way Assessment and Investigation**
  - Finalized with DSOD
  - Will start scheduling work once finalized with DSOD
  - Remainder of project ~ minimum of \$300,000
- **Geotechnical Testing & Seismic Alternatives Study of Terminal Reservoir Dam (No Change)**
  - DSOD approved testing data.
  - GEI is working on Geotechnical Engineering Report
  - Budget ~\$500,000
- **Cathodic Protection Repair Project**
  - Construction work is complete
  - JDH will be doing startup and testing in the coming weeks
  - Budget ~\$449,933
- **Chemical Tank Replacement**
  - In Construction
  - To be completed March 28<sup>th</sup>, 2024
  - Budget ~\$350,000
- **Sludge Bed Curtain Wall Rehabilitation**
  - Getting additional quotes
  - Have a plan in place for the repair.
  - ~\$50,000 per initial quote
- **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

Kristen Barneich asks, "What does DAF stand for" Davids Spiegle states, "Dissolved Air Flotation" We float all the "junk" out of the water and scrape it off. Kristen Barneich "So it goes into a building?" David Spiegle replies The DAF unit is inside the building. The building stays very wet so we are looking for different options to fix it properly and not just put a band aid on it. Kristen Barneich "How old is the building?" David Spiegle "The Building was built in 2008.

Daniel Rushing asks Where are we at in the assessment of the sediment at the lake?" David Spiegle responds "That is part of the Bathymetric Study that was just completed. I believe the sediment at the lake was very low. David will share the study with The AC committee when it is complete.

**Public Comment: Debbie Peterson (Grover Beach)** I have one question, I believe no current cost benefit studies of raising the spillway and so not necessarily asking for an answer to the question but have there been any cost benefits survey's since 2016.

David Spiegle You are correct there hasn't been any look at it since the study Debbie mentioned.

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

**A. None**

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

**A. Fiscal Year 2024/25 Budget Endorsement**

The only change was in the contractors' reserves in the Capital Outlay. It was brought up at the TAC meeting to free up \$250,000. We won't bill you right now, but we want our reserves replenished. Once the budget is wrapped up, we would take money from the cloud seeding project and put it back in reserves. David Spiegle asks, "I heard CCB has been paused, so I need to know if you still want to go down this path?" Kristen Barneich states, "I want to go back to the change, I haven't heard anything different from my City manager" CCB is being paused. Marcia Guthrie "I am usually contacted prior to this meeting with any questions, and I wasn't so I'm assuming the City of Pismo Beach is onboard. Daniel Rushing states "I would Echo that statement.

**Member Marcia Guthrie motioned to approve, Second by Member Brad Hagemann. Roll call vote.; Motion passed.**

**Public Comment Opened and Closed**

**IX. Future Agenda Items**

- Update from TAC Regarding David Swift "Lopez Analysis"
- Tesla Batteries.
- PFAS in our Water; David Spiegle replied that the state mostly mandated ground water not the reservoir. PFAS Polyfluorinated Substances

**X. Committee Member Comments**

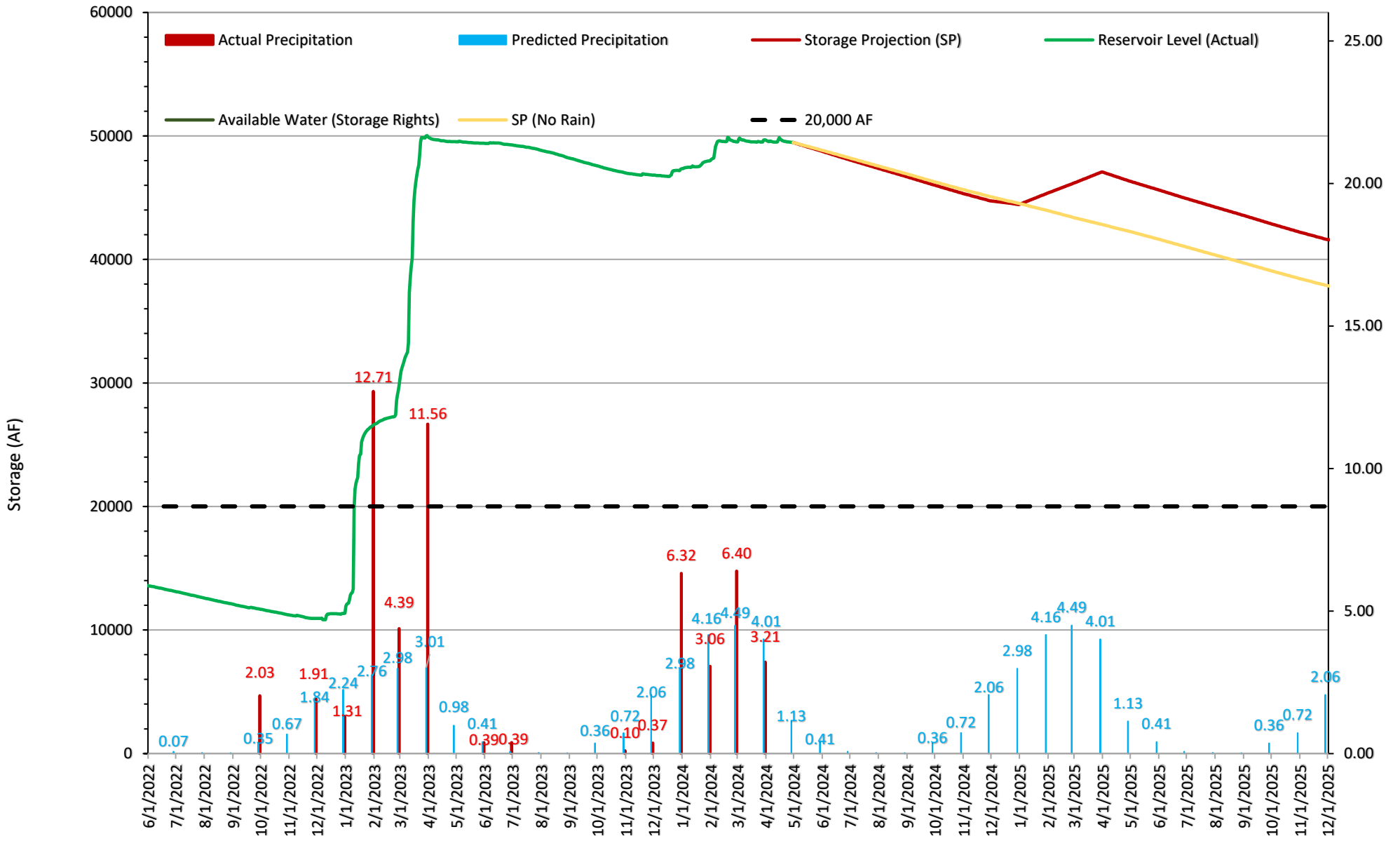
Kristen Barneich "I would like to say I really appreciate Mr. Swifts "Lopez Analysis."

**Meeting Adjourned at 11:11AM by Kristen Barneich; next regular meeting is scheduled for May 16, 2024 at City of Pismo Beach 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 2010-2024 average monthly deliveries  
 Predicted Inflow: is dependent on the predicted rainfall obtained from longrangeweather.com  
 Inflow is affected by antecedant 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  
March, 2024**

CONTRACTOR	PROJECT WATER																							
	AVAILABLE WATER (APR-MAR)				DELIVERIES																			
	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	0.00	0%	0.0	0%	0.0	0%	0.0	0%	119.12	119.12	5%	1239.6	54%	0.0	0%	0.0	0%	637.44	1877.00	82%
OCSD	303	0	0	303	0.00	0%	0.0	0%	0.0	0%	0.0	0%	0.00	0.00	0%	303.0	100%	0.0	0%	0.0	0%	96.60	399.60	132%
GB	800	0	0	800	0.00	0%	0.0	0%	0.0	0%	0.0	0%	65.99	65.99	8%	497.9	62%	0.0	0%	0.0	0%	291.53	789.44	99%
PB	892	0	0	892	0.00	0%	0.0	0%	0.0	0%	0.0	0%	0.00	0.00	0%	158.2	18%	0.0	0%	0.0	0%	275.16	433.38	49%
CSA 12	245	0	0	245	0.00	0%	0.0	0%	0.0	0%	0.0	0%	3.26	3.26	1%	49.0	20%	0.0	0%	0.0	0%	25.64	74.59	30%
SM	N/A	N/A	0	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>0</b>	<b>4530</b>	<b>0.00</b>	<b>0.0%</b>	<b>0.0</b>	<b>0%</b>	<b>0.0</b>	<b>0%</b>	<b>0.0</b>	<b>0%</b>	<b>188.37</b>	<b>188.37</b>	<b>4.2%</b>	<b>2247.6</b>	<b>49.6%</b>	<b>0</b>	<b>0.0%</b>	<b>0.0</b>	<b>0%</b>	<b>1326.37</b>	<b>3574.01</b>	<b>79%</b>

CONTRACTOR	STATE WATER PROJECT WATER													
	ANNUAL REQUEST**	CUMULATIVE SSWPW***	DELIVERIES											
			THIS MONTH			JANUARY TO PRESENT								
			REQUEST	USAGE	%	DIE	AIE	TOTAL	ALLOCATION	DIE	AIE	TOTAL		
AG	N/A	0.0	N/A	N/A	N/A	0.0	0.0	0.00	N/A	N/A	0	0	0	0.00
OCSD	187.5	0.0	62.5	44.97	24.0%	0.0	0.0	44.97	126.3	67%	0	0	0	126.27
GB	N/A	0.0	N/A	N/A	N/A	0.0	0.0	0.00	N/A	N/A	0	0	0	0.00
PB	1070.0	0.0	103.0	102.14	10%	0.0	0.0	102.14	277.0	26%	0	0	0	276.96
CSA 12	96.0	0.0	7.5	7.29	8%	0.0	0.0	7.29	18.3	19%	0	0	0	18.34
SM	90.0	0.0	8.0	3.11	3%	0.0	0.0	3.11	15.3	17%	0	0	0	15.28
<b>TOTAL</b>	<b>1443.5</b>	<b>0.0</b>	<b>181.0</b>	<b>157.51</b>	<b>11%</b>	<b>0.0</b>	<b>0.0</b>	<b>157.51</b>	<b>436.9</b>	<b>30%</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>436.85</b>

CONTRACTOR	TOTAL MONTHLY DELIVERIES [AF]
AG	119.12
OCSD	44.97
GB	65.99
PB	102.14
CSA 12	10.55
SM	3.11
<b>TOTAL</b>	<b>345.88</b>

DAM & OTHER OPERATIONS			
	THIS MONTH	WY TO DATE	MAX CAPACITY
LAKE ELEVATION (ft)	522.91	N/A	522.60
STORAGE [AF]	49,373.00	N/A	49,200.00
MONTHLY RAINFALL [in]	3.21	19.46	N/A
(Annual: July 1- June 30)			
DOWNSTREAM RELEASES [AF]	221.29	3,483.06	4,200.00
LAKE TO TERMINAL [AF]	28.69	3,793.66	N/A
SPILLAGE [AF] (WY)	3,403.00	12,371.15	N/A
AG WHEELING OCEANO WATER	1.16	N/A	N/A

District Stored SWPW	
	[AF]
PREVIOUS DISTRICT SSWPW	-159.84
DWR METER DELIVERIES	321
CHANGE IN STORAGE	163.49
EVAPORATION	0
<b>REMAINING DISTRICT SSWPW</b>	<b>3.65</b>

WATER ACCT. AFFECTED DUE TO SPILLAGE	
	[AF]
DISTRICT SSWPW	0.00
CUMULATIVE SSWPW	0.00
TOTAL STORED PROJECT WATER	0.00
MARCH ENTITLEMENT	188.37
<b>TOTAL</b>	<b>188.37</b>

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) In March 2023, 5,489 AF of water spilled resulting in loosing all of the District SSWPW, Agency SSWPW, and Stored PW.  
2) 44.11 AF of March Project Water Deliveries will be credited to Stored PW at the end of the water year (WY) due to March spill event.  
3) End of WY (22-23) water credit of 44.11 AF was added to Stored PW on March 31, 2023. On April 30, 2023, 44.11 AF of Stored PW was lost due to April's spill event.  
4) 364.03 AF of April Project Water Deliveries are reported in the "Deliveries during spill" column due to April 2023 spill event.  
5) 426.5 AF of April Project Water Deliveries are reported in the "Deliveries during spill" column due to May 2023 spill event.  
6) 170.38 AF of June Project Water Deliveries are reported in the "Deliveries during spill" column due to June 2023 spill event.  
7) 177.12 AF of February Project Water Deliveries are reported in the "Deliveries during spill" column due to February 2024 spill event.  
8) 188.37 AF of March Project Water Deliveries are reported in the "Deliveries during spill" column due to March 2024 spill event.  
9) End of WY 23-24 water credit of 3,608.72 AF was added to Stored PW on March 31, 2024.

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

CONTRACTOR	AVAILABLE WATER (APR-MAR)				PROJECT WATER DELIVERIES																			
	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	0.00	0%	0.0	0%	0.0	0%	140.61	140.61	6%	0.0	0%	0.0	0%	0.0	0%	140.61	140.61	6%		
OCSO	303	0	0	303	0.00	0%	0.0	0%	0.0	0%	0.00	0.00	0%	0.0	0%	0.0	0%	0.0	0%	0.00	0.00	0%		
GB	800	0	0	800	0.00	0%	0.0	0%	0.0	0%	65.87	65.87	8%	0.0	0%	0.0	0%	0.0	0%	65.87	65.87	8%		
PB	892	0	0	892	0.00	0%	0.0	0%	0.0	0%	104.10	104.10	12%	0.0	0%	0.0	0%	0.0	0%	104.10	104.10	12%		
CSA 12	245	0	0	245	0.00	0%	0.0	0%	0.0	0%	3.69	3.69	2%	0.0	0%	0.0	0%	0.0	0%	3.69	3.69	2%		
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>0</b>	<b>4530</b>	<b>0.00</b>	<b>0.0%</b>	<b>0.0</b>	<b>0%</b>	<b>0.0</b>	<b>0%</b>	<b>314.27</b>	<b>314.27</b>	<b>6.9%</b>	<b>0.0</b>	<b>0.0%</b>	<b>0</b>	<b>0.0%</b>	<b>0.0</b>	<b>0%</b>	<b>314.27</b>	<b>314.27</b>	<b>7%</b>		

CONTRACTOR	STATE WATER PROJECT WATER DELIVERIES											TOTAL MONTHLY DELIVERIES [AF]		
	ANNUAL REQUEST**	CUMULATIVE SSWPW***	THIS MONTH						JANUARY TO PRESENT					
			ALLOCATION		DIE	AIE	TOTAL	ALLOCATION		DIE	AIE		TOTAL	
			REQUEST	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	140.61
OCSO	187.5	0.0	50.0	43.29	23.1%	0.0	0.0	43.29	169.6	90%	0	0	169.56	43.29
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	65.87
PB	1070.0	0.0	0.0	0.00	0%	0.0	0.0	0.00	277.0	26%	0	0	276.96	104.10
CSA 12	96.0	0.0	8.5	7.59	8%	0.0	0.0	7.59	25.9	27%	0	0	25.93	11.28
SM	90.0	0.0	8.0	1.19	1%	0.0	0.0	1.19	16.5	18%	0	0	16.47	1.19
<b>TOTAL</b>	<b>1443.5</b>	<b>0.0</b>	<b>66.5</b>	<b>52.07</b>	<b>4%</b>	<b>0.0</b>	<b>0.0</b>	<b>52.07</b>	<b>488.9</b>	<b>34%</b>	<b>0</b>	<b>0</b>	<b>488.92</b>	<b>366.34</b>

DAM & OTHER OPERATIONS			
	THIS MONTH	WY TO DATE	MAX CAPACITY
LAKE ELEVATION (ft)	522.69	N/A	522.60
STORAGE [AF]	49,471.00	N/A	49,476.00
MONTHLY RAINFALL [in] (Annual: July 1- June 30)	3.70	23.16	N/A
DOWNSTREAM RELEASES [AF]	202.24	202.24	4,200.00
LAKE TO TERMINAL [AF]	259.93	259.93	N/A
SPILLAGE [AF] (WY)	2,693.66	2,693.66	N/A
AG WHEELING OCEANO WATER	1.18	N/A	N/A

District Stored SWPW		[AF]
PREVIOUS DISTRICT SSWPW		0
DWR METER DELIVERIES		79
CHANGE IN STORAGE		23.93
EVAPORATION		
<b>REMAINING DISTRICT SSWPW</b>		<b>26.93</b>

WATER ACCT. AFFECTED DUE TO SPILLAGE		[AF]
DISTRICT SSWPW		26.93
CUMULATIVE SSWPW		0.00
TOTAL STORED PROJECT WATER		2533.00
<b>TOTAL</b>		<b>2559.93</b>
JANUARY ENTITLEMENT USAGE		314.27

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) 2,532.60 AF of Stored Project Water was lost due to April's 2,693.66 AF spill event.





**May 7, 2024**

**MEMORANDUM**

**TO:** Flood Control Zone 3 Advisory Committee  
**FROM:** Megan Schotborgh, Accountant  
**SUBJECT:** Flood Control Zone 3, Third 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 Q3	Balance Available	% of Budget Expended
8,514,244	4,751,085	3,763,159	56%

**Routine O&M:** This category has a budget of \$4.8M dollars. At the end of the third quarter, 81% of the annual budget has been expended, resulting in approximately \$930k available for the remainder of the year. Expenses in this category are slightly above target with budgeted levels.

Total Budget	Expenses through Q3	Balance Available	% of Budget Expended
4,896,194	3,959,936	936,258	81%

**Non-Routine O&M:** This category has a budget of approximately \$1.58M. At the end of the third quarter, 19% of the annual budget had been expended, resulting in an available balance of roughly \$1.28M for the remainder of the year. Most of the items in this category have had budget carried forward from the prior year to continue work on them.

Total Budget	Expenses through Q3	Balance Available	% of Budget Expended
1,586,928	297,125	1,289,803	19%

**Capital Outlay:** This category has a budget of \$2.03M. At the end of the third quarter, expenses were 24% of the annual budget, resulting in approximately \$1.5M available for the remainder of the year. The 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 Q3	Balance Available	% of Budget Expended
2,031,122	494,024	1,537,098	24%

**Other Agency Involvement/Impact**

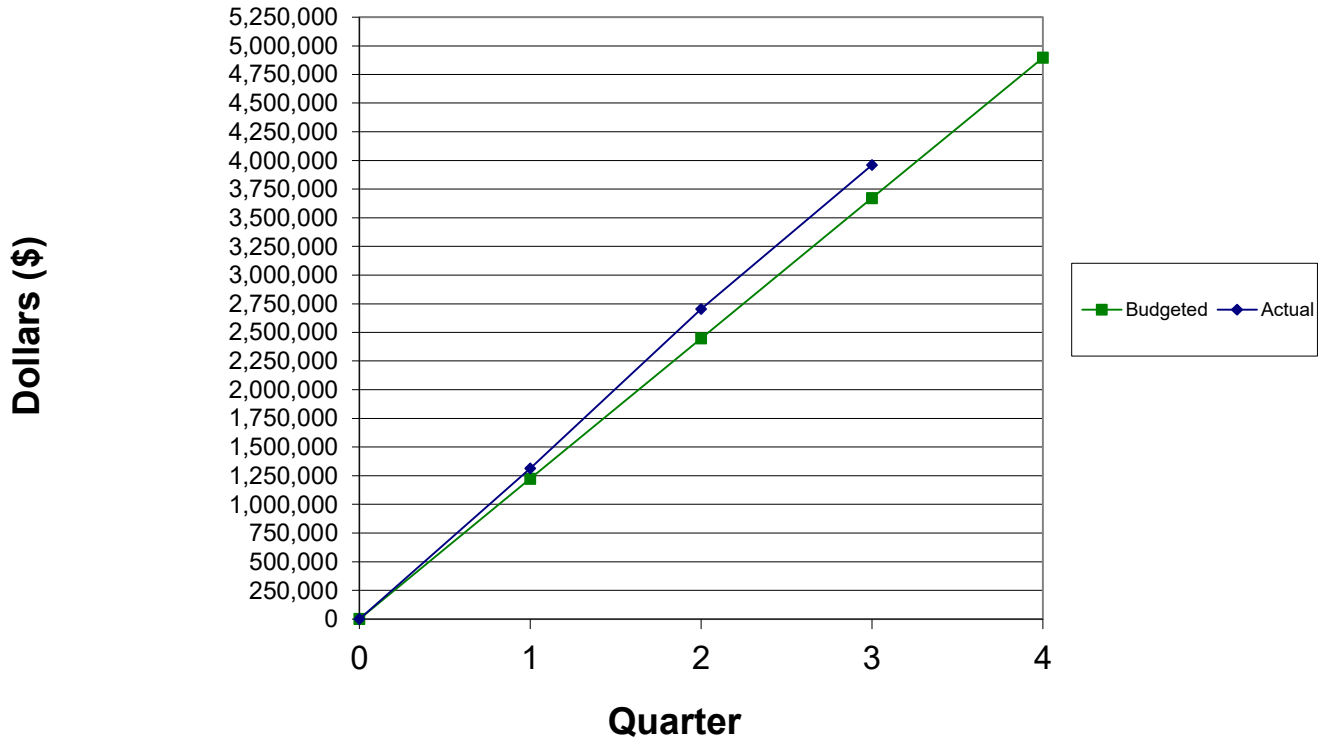
The agencies involved: City of Arroyo Grande, City of Grover Beach, City of Pismo Beach, Oceano Community Services District, and County Service Area 12. Subcontractors of CSA 12 include Port San Luis Harbor District and Avila Beach Community Services District.

**Financial Consideration**

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

Zone 3 Budget Status  
3rd Quarter FY23/24

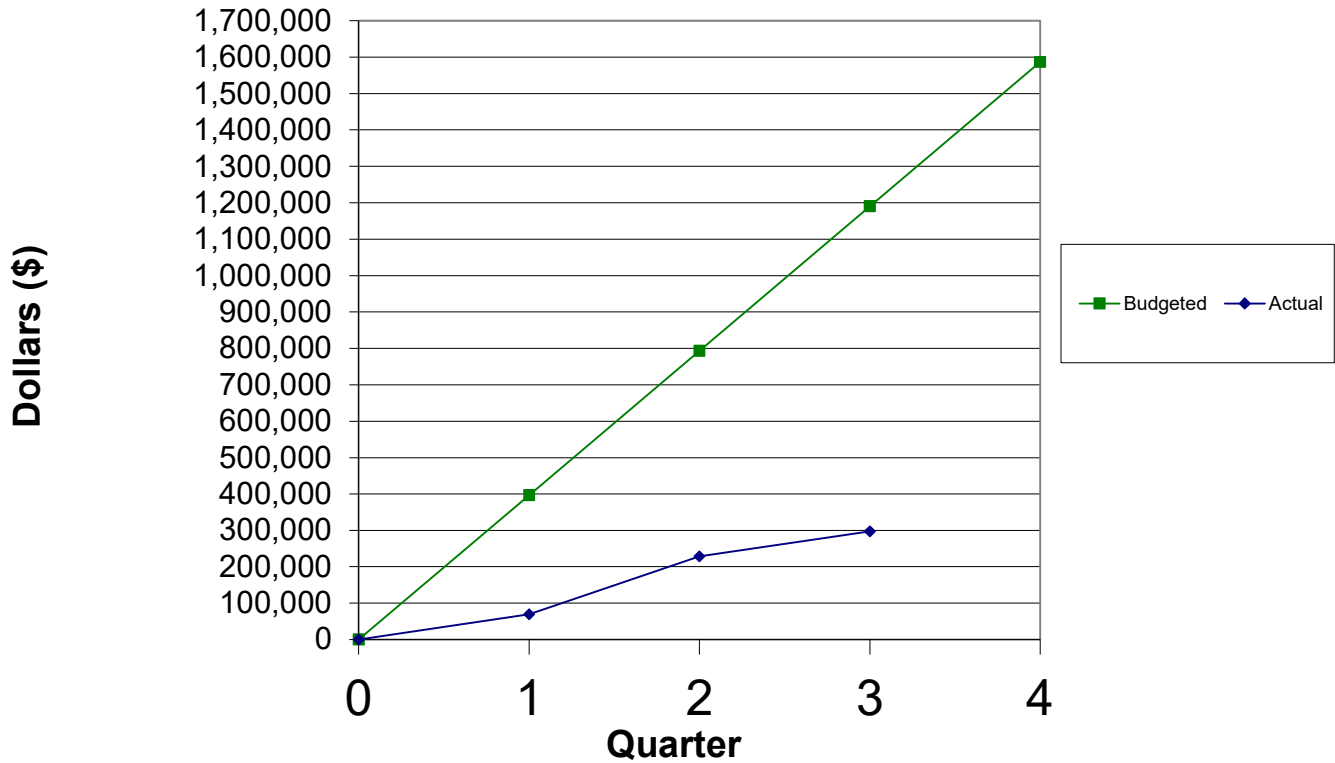
## Routine Operation and Maintenance



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	-	15,520	64%	
Chemicals - Water Treatment Plant	\$ 496,798	\$ 177,760	\$ 112,574	\$ 123,813	\$ -	\$ 414,147	83%	\$ 82,651
Water Quality Testing - Treatment Plant	185,882	15,768	10,912	11,013	-	37,693	0%	148,189
Electricity - Water Treatment Plant	382,453	122,473	81,019	46,974	-	250,466	65%	131,987
All Other Costs - Water Treatment Plant	2,075,298	496,453	537,052	432,161	-	1,465,665	71%	609,633
Terminal	117,040	62,965	59,739	29,112	-	151,816	130%	(34,776)
Main Dam	281,009	158,574	39,383	42,753	-	240,710	86%	40,299
Other	1,357,714	278,926	550,759	569,754	-	1,399,439	103%	(41,725)
<b>Expenses</b>		<b>1,312,918</b>	<b>1,391,438</b>	<b>1,255,580</b>	<b>-</b>	<b>3,959,936</b>	<b>81%</b>	<b>936,258</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>		
Variance (over)/under		(88,870)	(167,390)	(31,532)	1,224,049	936,258		
% Variance		-7%	-14%	-3%	100%			

Zone 3 Budget Status  
3rd Quarter FY23/24

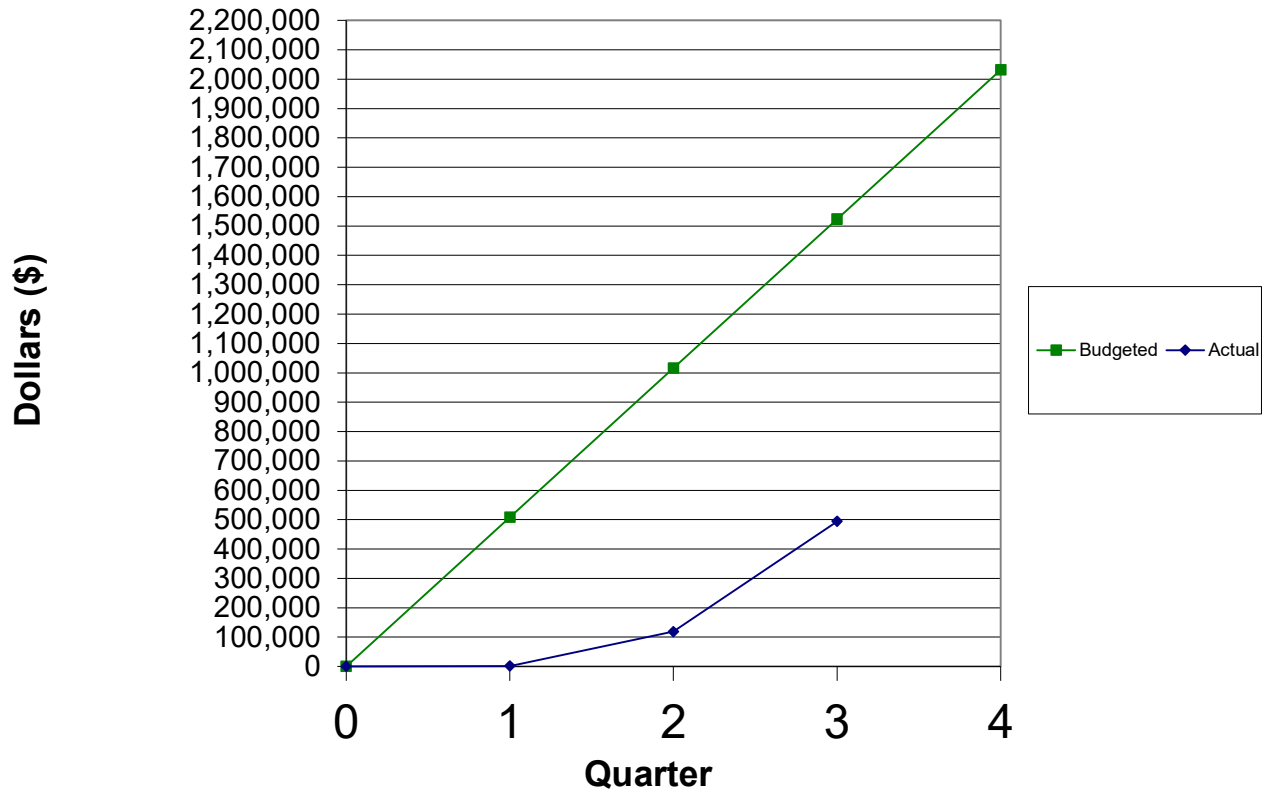
## Non-Routine Operation and Maintenance



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	\$ -	\$ 139,976	32%	\$ 297,835
Cathodic Protection Maint	-	\$ -	-	-	-	\$ -	0%	\$ -
Contribution to ISF/New Equip	110,931	\$ -	5,019	26	-	\$ 5,045	-	\$ 105,886
Geotech Test/Seismic Alt Study Terminal Dam	168,738	64,181	2,167	37,928	-	104,276	62%	64,462
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	-	47,828	12%	356,125
Contr to FC General AG Creek Subbasin	-	-	-	-	-	-	0%	-
552TEMP03 Replace Stem Wall Sludge Bed 2 Expenses	90,000	-	-	-	-	-	100%	90,000
		69,432	158,873	68,820	-	297,125	19%	1,289,803
<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	396,732	1,289,803		
% Variance		82%	60%	83%	100%			

Zone 3 Budget Status  
3rd 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	-	66,432	17%	313,242
Cathodic Protection Units 1-3	480,415	417	433	125,933	-	126,783	26%	353,632
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	-	70,044	300%	(46,728)
WTP-Membrance Filter Modules (2 Racks)	610,094	-	-	-	-	-	0%	610,094
Chemical Tank Replacement	520,000	-	58,778	171,987	-	230,765	44%	289,235
Expenses		1,070	117,005	375,949	-	494,024	24%	1,537,098
Budget	2,031,122	507,781	507,781	507,781	507,781	2,031,122		
Variance (over)/under		506,711	390,776	131,832	507,781	1,537,098		
% Variance		100%	77%	26%	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:** May 16, 2024

**SUBJECT:** Zone 3 Projects Update

### **Project Updates:**

- Fireflow Tank Replacement
  - Final Design Plans are in for review
  - Budget ~\$800,000
- Membrane Module Replacement
  - 2 racks more racks have been replaced and are operational
  - Budget ~\$600,000
- Spillway Assessment and Investigation (No Change)
  - Submitting work plan for Alteration Application approval
  - Will schedule work once approved
  - Remainder of project ~ minimum of \$300,000
- Geotechnical Testing & Seismic Alternatives Study of Terminal Reservoir Dam (No Change)
  - DSOD approved testing data
  - GEI is working on Geotechnical Engineering Report
  - Budget ~\$500,000
- Cathodic Protection Repair Project (No Change)
  - Construction complete, performing startup and testing
  - Budget ~\$449,933
- Sludge Bed Curtain Wall Rehabilitation (No Change)
  - Approving contract for repairs, tentative start date June 1<sup>st</sup>
  - ~\$50,000 per initial quote
- 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**

- Chemical Tank Replacement
- Spillway Flipbucket Repair (FEMA)
- Bathymetric Study
- CO2 Injection System

<b>2023-2024 End of Water Year Stored Project Water</b>		<b>[AF]</b>
Entitlement		4,530.00
Used Entitlement		1,997.40
Unused Entitlement		2,532.60
<b>Stored Project Water</b>		<b>2,532.60</b>

<b>2023-2024 Surplus Water Generated</b>		<b>[AF]</b>
Max Downstream Releases		4,200.00
WY Downstream Releases		3,483.05
<b>Surplus Water Generated</b>		<b>716.95</b>

<b>2023-2024 END OF WATER YEAR STORED PW AND SURPLUS WATER REPORT</b>						
<b>CONTRACTOR</b>	<b>ENTITLEMENT [AF]</b>	<b>USED ENTITLEMENT</b>	<b>%</b>	<b>STORED PW [AF]</b>	<b>SURPLUS WATER [AF]</b>	<b>SURPLUS WATER COST</b>
Arroyo Grande	2290	1158.95	51 %	1131.10	362.43	\$ 29,810.14
Oceano CSD	303	261.24	7%	41.76	47.96	\$ 3,944.31
Grover Beach	800	465.76	18 %	334.24	126.61	\$ 10,414.02
Pismo Beach	892	62.55	20 %	829.45	141.17	\$ 11,611.63
CSA 12	245	48.95	5%	196.05	38.78	\$ 3,189.29
San Miguelito	N/A	N/A	N/A	N/A	N/A	N/A
<b>TOTAL</b>	<b>4530</b>	<b>1997.40</b>	<b>100%</b>	<b>2532.60</b>	<b>716.95</b>	<b>\$ 58,969.40</b>