



ZONE 3 ADVISORY COMMITTEE

San Luis Obispo County Flood Control and Water Conservation District

AGENDA

Thursday, November 16, 2023 10:30 A.M.
City of Arroyo Grande Council Chambers
300 East Branch Street, Arroyo Grande, California 93420

- 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. September 21, 2023 Meeting – [Attachment 1](#)
- IV. APPROVAL OF 2024 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](#)
- 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)
- X. FUTURE AGENDA ITEMS
- XI. COMMITTEE MEMBER COMMENTS

Next Regular Meeting is Tentatively Scheduled for
January 18, 2023 at 10:30 AM at City of Grover Beach Council Chambers
Agendas accessible online at www.slocounty.ca.gov/pw/zone3



**SAN LUIS OBISPO COUNTY FLOOD CONTROL
AND WATER CONSERVATION DISTRICT
ZONE 3 ADVISORY COMMITTEE
MEETING MINUTES
THURSDAY SEPTEMBER 21, 2023**

I. Call to Order and Roll Call -- The Zone 3 Advisory Committee Meeting was called to order at 6:31PM at the City of Grover Beach by Caren Russom. County Public Works Utilities Division Senior Engineer and Secretary to the Advisory Committee, David Spiegel, called roll. Quorum was present. Members in attendance were:

- Caren Russom, City of Arroyo Grande
- Brian Talley, Agriculture Delegate
- Marcia Guthrie, City of Pismo Beach
- Shirley Gibson, Oceano Community Services District
- Karen Bright; City of Grover Beach
- 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. No public comment.

III. Approval of Meeting Minutes

A. July 20, 2023 Special Meeting (Attachment 1 of the Agenda Packet) – Member Marcia Guthrie motioned to approve, Second by Member Brian Talley. Roll call vote. Member Caren Russon Abstains; Motion passed.

IV. Operations Report

A. Water Plant Operations, Reservoir Storage, Downstream Releases — Plant production was 3.9 million gallons per day (MGD); State Water was 0.7 million gallons per day (MGD); downstream release was 4.3 million gallons per day (MGD), Lopez Lake elevation was 520.85 feet; storage 47,796.1 acre-feet (AF), which is 96.8% capacity; rainfall to date is .04.

i. Cloud seeding has been suspended

B. Projected Reservoir Levels (Attachment 2 of the Agenda Packet) — Review of the Lopez Reservoir Storage Projection Chart. David Spiegel states that the rainfall prediction is low. The reservoir is expected to fill and spill if we have another storm season similar to 22/23. Member Ron Reilly “In the case of no rain are we still looking at 40,000?” David Spiegel states “Yes”.

C. July and August 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. 4th Quarter Budget Status (Attachment 4 of the Agenda Packet) Summary of overall budget.

- i. The annual budget was \$8.2 million dollars, we spent \$5.5 million dollars with a balance of \$2.6 million dollars and 68% expended.
- ii. Routine O&M budget of \$4.6 million dollars, we spent \$4.5 million dollars with 99% expended.
- iii. Non-Routine O&M budget approximately \$1.8 million, with 42% expended, approximately \$1.0 million dollars will be carried forward.
- iv. Capital Outlay budget of \$1.8 million dollars we spend \$229,000 which is only 13% of the budget with \$1.5 million dollars being carried forward.
David Speigel would like to clarify that we have a lot of high dollar amount projects that have been slow to start (this will be detailed in project updates).

VI. Capital Projects Update

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

- Membrane Module Replacement
 - Purchasing 2 racks of modules
 - Going to BOS for approval in October
 - Budget~ \$600,000
- Spillway Assessment and Investigation
 - Performed Electrical Resistivity Test
 - Developing Scope and work plan for DSOD'S approval. Permits should be available relatively soon
 - Remainder of project `minimum of \$3000,000
- Geotechnical Testing & Seismic Alternatives Study of Terminal Reservoir Dam
 - Draft Seismic Hazard TM has been prepared
 - Sending to DSOD for comment
 - We are still waiting for the report from GEI on the Geotechnical Engineering Report, that will tell us the Seismic stability of the dam
 - Budget \$500,000
- Cathodic Protection Repair Project
 - Long lead electrical items should be showing up soon. The rectifiers will begin to be installed. One rectifier and ground bed need to be replaced.
 - They will be starting on the Cal Trans work encroachment first on Shell Beach Road. This will be the test station and most likely the starting point
 - Project Kick off TBD
 - Budget ~\$449,933
- CO2 Injection System

- CO2 Tank and Carbonic Acid Skid has been delivered
- Waiting on the control PLC which is a long lead item
- Budget ~\$256,000
- Chemical Tank Replacement
 - Tanks are being ordered and should be here by December or January
 - Sodium Hypo tank did spring a leak on its side, but we were able to repair the tank
 - Budget ~\$350,000
- Sludge Bed Curtain Wall Rehabilitation
 - Soliciting Quotes
 - Seepage issue, looking to do some pressure grouting to fill that in
 - ~\$50,000 per initial quote

Member Shirley Gibson “Can you refresh me on the membrane module replacement project?” David Spiegel explained that at the water treatment plant there are 6 membrane racks. Each rack holds 64 modules with a useful life of 10 to 15 years. 5 out of the 6 were installed in 2007 and we have replaced one (1) rack in 2021 at a cost of \$120,000. The budgeting process to purchase 1 to 2 racks a year was started but unfortunately the cost is now between \$240,000 and \$250,000 a rack. After these two racks are purchased, we only have 2 more left to do. The 6th rack was installed in 2016/2017 and does not need to be replaced.

Member Ron Reilly “Regarding the Cathodic Protection repair project is it merely replacement of the protection and not the pipeline?” David Spiegel responded that the pipeline looks like it is in good shape. The rectifiers had quit working, so we wanted to get our protection back in place. We also needed to add more test stations for testing purposes.

VII. Action Items Change of Meeting Time (Attachment 6 of the Agenda Packet) (No Subsequent Board of Supervisors Action Required)

- A. Motion to move time of the Zone 3 Advisory Committee meeting to 10:30 a.m., Ron Reilly motioned to approve, Brian Talley Seconded Vote
- B. Caren Russom concerns due to 4/5 of the alternate members work full time
- C. Roll Call was called Member Russom No; Member Guthrie Yes; Member Gibson Yes; Member Talley Yes; Member Rielly Yes; Motion Passed

VIII. Future Agenda Items

When would you like the new meeting time to take effect in November or January?
David Speigel will send out an email.

IX. Committee Member Comments

- A. Member Ron Reilly asked for an explanation on “The email or social post regarding the “Taste and Odor”. David Speigel stated that we are having a large Algae bloom which we are treating. The first complaints started in April 2023. We treated (the bloom) with PAC and are now maxed out as it wasn’t going into solution. Normally we would blend 50/50 with state water which really helps drive the odor and taste

down, but due to the explosion at the devil's den pumping plant we cannot. Most deliveries of state water are going to Morro Bay currently. The State will not be doing the November shutdown, but will be scheduled to occur early in 2024. Member Brian Talley "Circling back to the Algae Bloom: are we treating both the lake or exclusively the terminal reservoir?" David Speigel states we are treating both. Member Brian Talley brought up a conversation from about 2 years ago which included a suggestion from Jim Garing to abandon treatment at the terminal reservoir. David Speigel stated: we have investigated getting rid of the terminal reservoir. We found that it takes legislation to remove us, which is due to be listed on one of the bills. This would require a sponsor and lots of money to do. At our TAC meeting Jim Garing stated that there is a Taste & Odor Study that he will send over, which will be helpful.

Meeting Adjourned at 6:57 PM by Caron Russom; next regular meeting is tentatively scheduled for November 16, 2023 at City of Arroyo Grande Council Chambers

Respectfully Submitted,

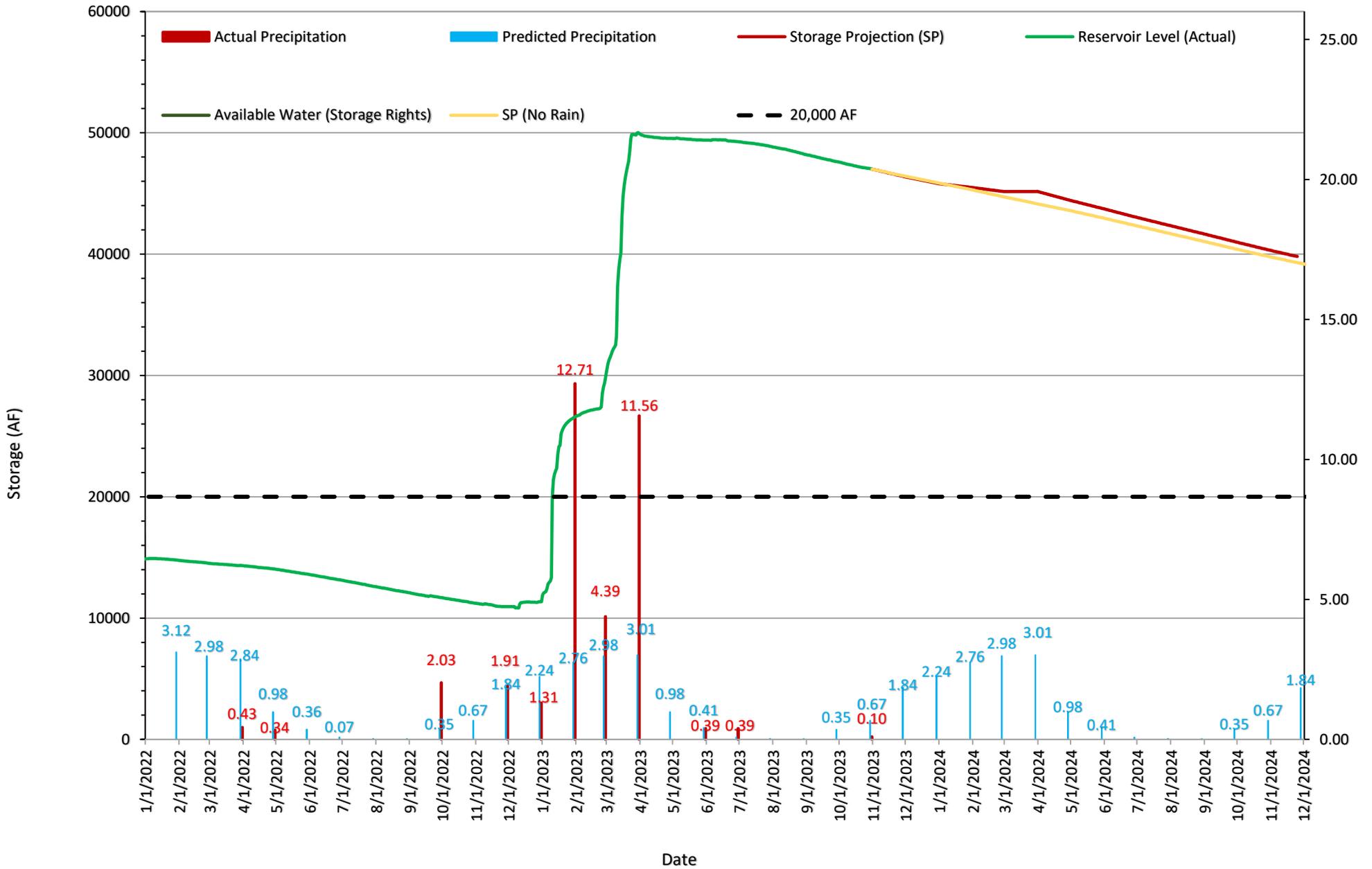
Darla Budge
County of San Luis Obispo Public Works Department



ZONE 3 - LOPEZ PROJECT
ADVISORY AND TECHNICAL ADVISORY COMMITTEES
2024 MEETING SCHEDULE

Date	Group	Location	Purpose
Jan 10, 2024	Technical Advisory Committee (TAC)	Teams Meeting, 9:00 AM	Discuss proposed FY 24/25 budget
Jan 18, 2024	Advisory Committee	Grover Beach, 10:30 AM 154 S. Eighth Street	Distribute proposed FY 24/25 budget
Feb 14, 2024	TAC	Teams Meeting, 9:00 AM	Distribute proposed FY 24/25 budget
Mar 13, 2024	TAC	Teams Meeting, 9:00 AM	Budget discussion/recommendation; present estimated surplus water quantity available in 24/25
Mar 21, 2024	Advisory Committee	Arroyo Grande, 10:30 AM 215 E. Branch St	Present 2 nd quarter budget status; present proposed FY24/25 budget; endorse FY24/25 budget; present estimated surplus water quantity available in WY 24/25
Apr 10, 2024	TAC	Teams Meeting, 9:00 AM	Present actual surplus water quantity available in WY 24/25
May 8, 2024	TAC	Teams Meeting, 9:00 AM	Determine Surplus Water Needs
May 16, 2024	Advisory Committee	Pismo Beach, 10:30 AM 760 Mattie Rd	3 rd Quarter Budget Status; Declare Surplus Water
Jun 12, 2024	TAC	Teams Meeting, 9:00 AM	
Jul 10, 2024	TAC	Teams Meeting, 9:00 AM	
Jul 18, 2024	Advisory Committee	Oceano CSD, 10:30 AM 1655 Front Street	Officer Rotations
Aug 14, 2024	TAC	Teams Meeting, 9:00 AM	
Sep 11, 2024	TAC	Teams Meeting, 9:00 AM	Request Water Delivery Schedule - due Oct 1
Sep 19, 2024	Advisory Committee	Grover Beach, 10:30 AM 154 S. Eighth Street	4 th Quarter Budget Status;
Oct 9, 2024	TAC	Teams Meeting, 9:00 AM	
Nov 13, 2024	TAC	Teams Meeting, 9:00 AM	Discuss proposed Capital Improvement Projects for next FY
Nov 21, 2024	Advisory Committee	Arroyo Grande, 10:30 AM 215 E. Branch St	1 st Quarter Budget Status; Set next year's meeting dates
Dec 11, 2024	TAC	Teams Meeting, 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 (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
September, 2023**

PROJECT WATER																	Monthly Usage of 2023 Spill Credit [AF]	YTD CREDIT TO ENTITLEMENT DUE TO SPILL [AF]
AVAILABLE WATER (APR-MAR)			DELIVERIES															
CONTRACTOR	ENTITLE MENT	STORED PW*	TOTAL AVAILABLE PW	THIS MONTH						APRIL TO PRESENT								
				ENTITLEMENT		STORED PW		TOTAL		ENTITLEMENT		STORED PW		TOTAL USAGE				
				USAGE	%	USAGE	%	USAGE	%	USAGE	%	USAGE	%	USAGE	%			
AG	2290	405	2695	154.37	7%	0.0	0%	154.37	6%	1026.6	45%	0.0	0%	1026.6	38%	0.00	405.05	
OCSD	303	97	400	39.14	13%	19.2	20%	58.34	15%	303.0	100%	19.2	20%	322.2	81%	19.20	77.40	
GB	800	164	964	67.11	8%	0.0	0%	67.11	7%	399.8	50%	0.0	0%	399.8	41%	0.00	164.17	
PB	892	275	1167	23.65	3%	0.0	0%	23.65	2%	400.3	45%	0.0	0%	400.3	34%	0.00	275.16	
CSA 12	245	20	265	8.56	3%	0.0	0%	8.56	3%	49.6	20%	0.0	0%	49.6	19%	0.00	20.11	
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	0.00	N/A	
TOTAL	4530	961	5491	292.83	6.5%	19.2	20%	312.03	5.7%	2179.3	48.1%	19.2	2.0%	2198.5	40%	19.20	941.89	

STATE WATER PROJECT WATER															CONTRACTOR	TOTAL MONTHLY DELIVERIES [AF]
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	0.0	0.0	N/A	N/A	0	0	0.0	AG	154.37
OCSD	187.5	0.0	0.0	0.0	0%	0.0	0.0	0.0	0.0	94.6	50%	0	0	94.6	OCSD	58.34
GB	N/A	0.0	N/A	N/A	N/A	0.0	0.0	0.0	0.0	N/A	N/A	0	0	0.0	GB	67.11
PB	1070.0	0.0	120.0	120.0	11%	0.0	0.0	120.0	547.5	51%	0	0	547.5	PB	143.65	
CSA 12	96.0	0.0	8.5	8.29	9%	0.0	0.0	8.3	58.2	61%	0	0	58.2	CSA 12	16.85	
SM	90.0	0.0	7.0	6.01	7%	0.0	0.0	6.0	44.8	50%	0	0	44.8	SM	6.01	
TOTAL	1443.5	0.0	135.5	134.30	9%	0.0	0.0	134.3	745.1	52%	0	0	745.1	TOTAL	446.33	

DAM OPERATIONS			
	THIS MONTH	WY TO DATE	MAX CAPACITY
LAKE ELEVATION (ft)	521.31	N/A	522.6
STORAGE [AF]	48211	N/A	49200
MONTHLY RAINFALL [in] (Annual: July 1- June 30)	0.00	0.00	N/A
DOWNSTREAM RELEASES [AF]	394.97	1649.2	4200.0
LAKE TO TERMINAL [AF]	445.9	2208.1	N/A
SPILLAGE [AF] (WY)	0.00	8968.1	N/A

DISTRICT STORED SWP WATER	
	[AF]
PREVIOUS MONTH	
DWR METER DELIVERIES	
THIS MONTH	
AG WHEELING OCEANO WATER	2.26

GLOSSARY
AIE: Agency Initiated Exchange
DIE: District Initiated Exchange
N/A: Not Applicable
PW: Project Water aka Lopez Water
Surplus Water: Carry Over Water (LRRP)
SWP: State Water Project
SSWPW: Stored SWP Water

Notes:
 * Stored PW includes Surplus water declared
 ** Actual Amount available is dependent on the State's (DWR) delivery %
 *** Stored SWP water resulting from AIE

- 1) New Contract Changes effective October 1, 2022
- 2) On 12/31/22 there was an estimated 655.5 AF of District SSWPW remaining including approximately 46 AF of water lost to evaporation in 2022.
- 3) In March 2023, 5489 AF of water spilled resulting in loosing all of the District SSWPW, Agency SSWPW, and Stored PW.
- 4) 44.53 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.
- 5) End of WY water credit of 44.53 AF was added to Stored PW. 44.53 AF of Stored PW was lost due to April spill event.
- 6) 364.03 AF of April Project Water Deliveries will be credited to Stored PW at the end of the WY due to April spill event.
- 7) 426.5 AF of May Project Water Deliveries will be credited to Stored PW at the end of the WY due to May spill event.
- 8) 170.59 AF of June Project Water Deliveries will be credited to Stored PW at the end of the WY due to June spill event.

**San Luis Obispo County Flood Control and Water District
Zone 3 - Lopez Project - Monthly Operations Report
October, 2023**

PROJECT WATER																								
AVAILABLE WATER (APR-MAR)					DELIVERIES																			
R	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	177.84	8%	0.0	0%	0.0	0%	0.00	177.84	8%	799.4	35%	0.0	0%	0.0	0%	405.05	1204.42	53%		
OCSD	303	0	0	303	55.32	18%	0.0	0%	0.0	0%	0.00	55.32	18%	280.9	93%	0.0	0%	0.0	0%	96.60	377.53	125%		
GB	800	0	0	800	64.84	8%	0.0	0%	0.0	0%	0.00	64.84	8%	300.5	38%	0.0	0%	0.0	0%	164.17	464.66	58%		
PB	892	0	0	892	12.21	1%	0.0	0%	0.0	0%	0.00	12.21	1%	137.4	15%	0.0	0%	0.0	0%	275.16	412.53	46%		
CSA 12	245	0	0	245	6.77	3%	0.0	0%	0.0	0%	0.00	6.77	3%	36.3	15%	0.0	0%	0.0	0%	19.90	56.15	23%		
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		
TOTAL	4530	0	0	4530	316.98	7.0%	0.0	0%	0.0	0%	0.00	316.98	7.0%	1554.4	34.3%	0	0.0%	0.0	0%	960.88	2515.29	56%		

STATE WATER PROJECT WATER														
R	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					
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	187.5	0.0	0.0	0.0	0%	0.0	0.0	0.00	94.6	50%	0	0	94.63	
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	1070.0	0.0	120.0	120.0	11%	0.0	0.0	120.00	827.5	77%	0	0	827.45	
CSA 12	96.0	0.0	8.5	8.50	9%	0.0	0.0	8.50	75.4	79%	0	0	75.44	
SM	90.0	0.0	7.0	10.57	12%	0.0	0.0	10.57	58.8	65%	0	0	58.80	
TOTAL	1443.5	0.0	135.5	139.07	10%	0.0	0.0	139.07	1056.3	73%	0	0	1056.32	

CONTRACTOR	TOTAL MONTHLY DELIVERIES [AF]
AG	177.84
OCSD	55.32
GB	64.84
PB	132.21
CSA 12	15.27
SM	10.57
TOTAL	456.05

DAM & OTHER OPERATIONS			
	THIS MONTH	WY TO DATE	MAX CAPACITY
LAKE ELEVATION (ft)	519.96	N/A	522.6
STORAGE [AF]	46998	N/A	49200 96%
MONTHLY RAINFALL [in]	0.10	0.10	N/A
(Annual: July 1- June 30)		0.0	
DOWNSTREAM RELEASES [AF]	321.01	1970.3	4200.0
LAKE TO TERMINAL [AF]	400.5	2608.6	N/A
SPILLAGE [AF] (WY)	0.00	8968.1	N/A
AG WHEELING OCEANO WATER	1.82		

GLOSSARY
AIE: Agency Initiated Exchange
DIE: District Initiated Exchange
N/A: Not Applicable
PW: Project Water aka Lopez Water
Surplus Water: Carry Over Water (LRRP)
SWP: State Water Project
SSWPW: Stored SWP Water
* Stored PW includes Surplus water declared
** Actual amount available is dependent on the State's (DWR) delivery %
*** Stored SWP water resulting from AIE

NOTES
1) New Contract Changes effective October 1, 2022
2) On 12/31/22 there was an estimated 655.5 AF of District SSWPW remaining including approximately 46 AF of water lost to evaporation in 2022.
3) In March 2023, 5489 AF of water spilled resulting in loosing all of the District SSWPW, Agency SSWPW, and Stored PW.
4) 44.53 AF of March Project Water Deliveries will be credited to Stored PW at the end of the 2022//2023 water year (WY) due to March spill event.
5) End of WY water credit of 44.53 AF was added to Stored PW. 44.53 AF of Stored PW was lost due to April spill event.
6) 364.03 AF of April Project Water Deliveries are reported in the "Deliveries during spill" column due to April spill event.
7) 426.5 AF of May Project Water Deliveries are reported in the "Deliveries during spill" column due to May spill event.
8) 170.38 AF of June Project Water Deliveries are reported in the "Deliveries during spill" column due to June spill event.



November 16, 2023

MEMORANDUM

TO: Flood Control Zone 3 Advisory Committee
FROM: Megan Schotborgh, Accountant
SUBJECT: Flood Control Zone 3, First 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 first 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 first quarter, 16% of the total annual budget had been expended.

Total Budget	Expenses through Q1	Balance Available	% of Budget Expended
8,514,244	1,383,420	7,130,824	16%

Routine O&M: This category has a budget of \$5M dollars. At the end of the first quarter, 26% of the annual budget has been expended, resulting in approximately \$3.69M available for the remainder of the year. Expenses in this category are slightly above target with budgeted levels.

Total Budget	Expenses through Q1	Balance Available	% of Budget Expended
5,007,125	1,312,918	3,694,207	26%

Non-Routine O&M: This category has a budget of approximately \$1.48M. At the end of the first quarter, 5% of the annual budget had been expended, resulting in an available balance of roughly \$1.4M 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 Q1	Balance Available	% of Budget Expended
1,475,997	69,432	1,406,565	5%

Capital Outlay: This category has a budget of \$2.031M. At the end of the first quarter, expenses were >1% of the annual budget, resulting in approximately \$2.03M 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 Q1	Balance Available	% of Budget Expended
2,031,122	1,070	2,030,052	>1%

Other Agency Involvement/Impact

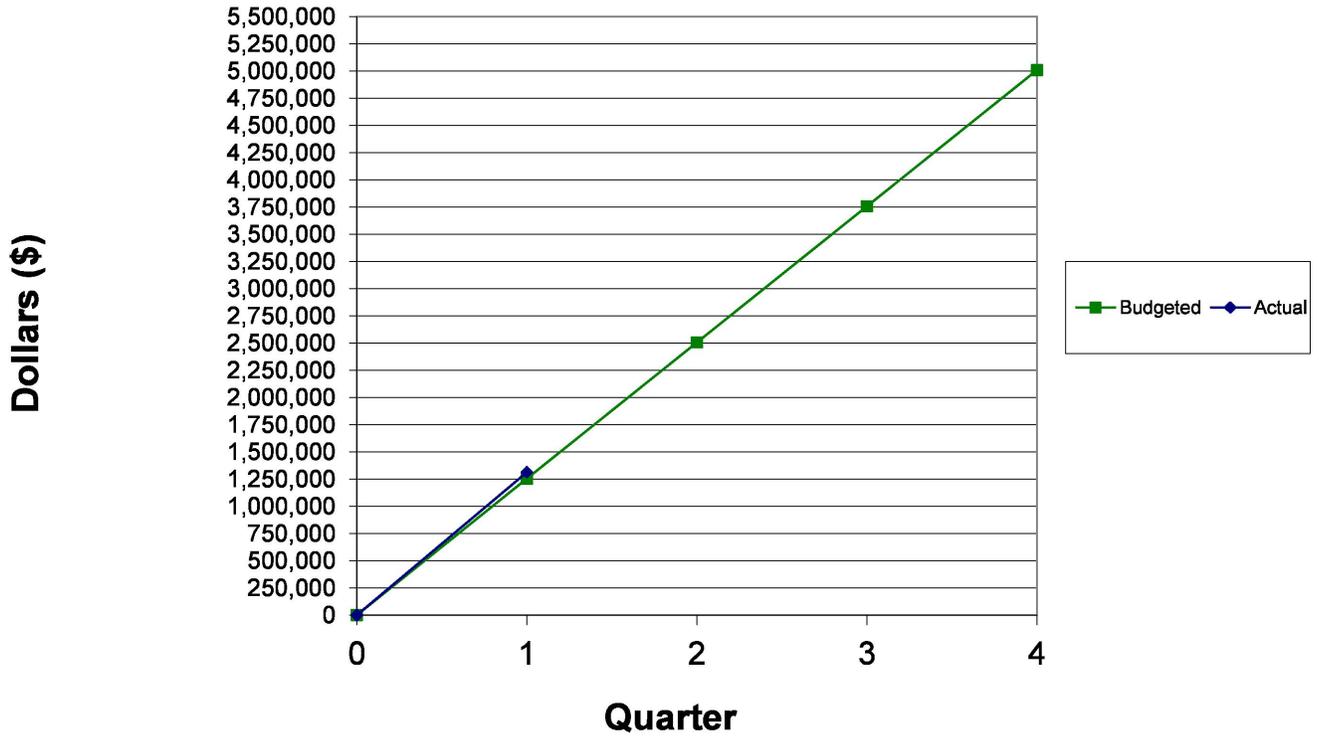
The agencies involved: City of Arroyo Grande, City of Grover Beach, City of Pismo Beach, Oceano Community Services District, and County Service Area 12. Subcontractors of CSA 12 include Port San Luis Harbor District and Avila Beach Community Services District.

Financial Consideration

All agencies are current on their payments. The revised billings for FY 2022-23 will be mailed along with the 2nd installment of the FY 2023-24 billings by the end of the month. Payments are due January 1, 2024.

Zone 3 Budget Status
1st Quarter FY23/24

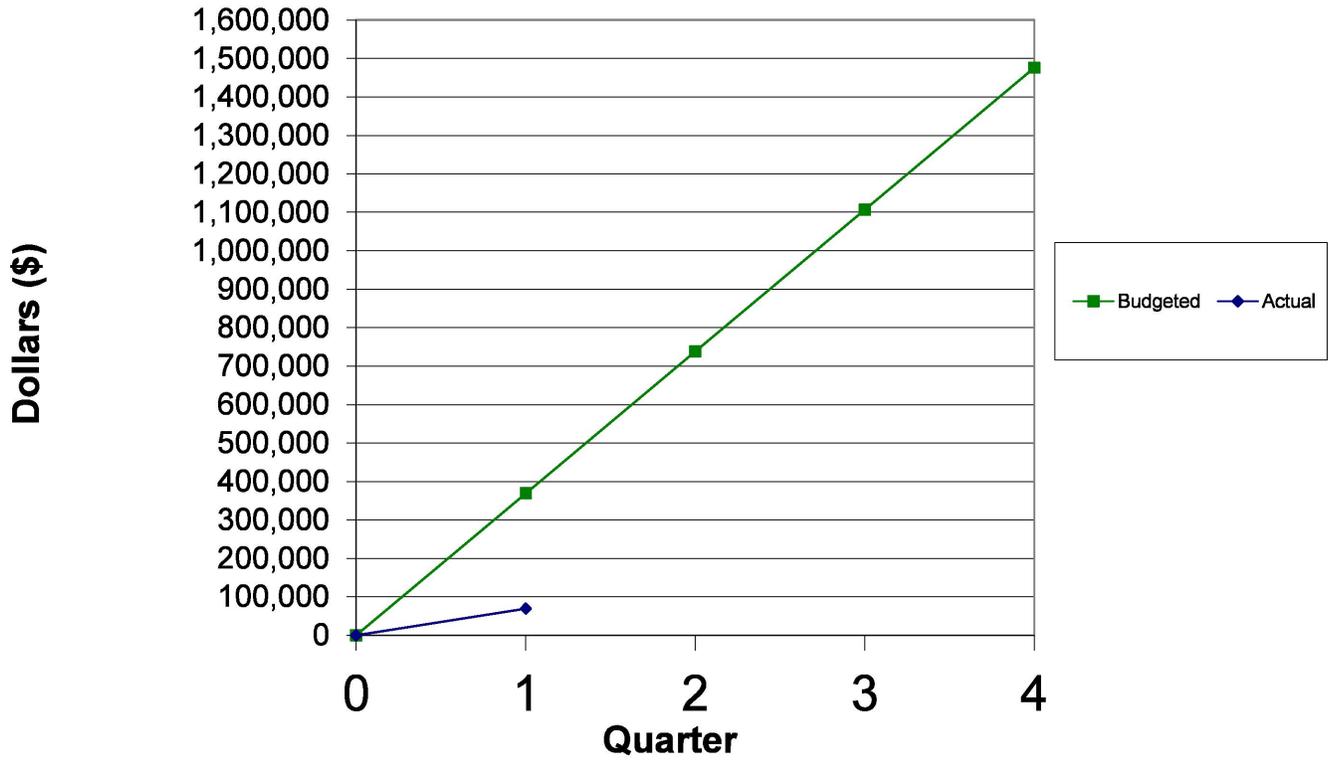
Routine Operation and Maintenance



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	-	-	-	6,045	25%	
Chemicals - Water Treatment Plant	\$ 496,798	\$ 177,760	\$ -	\$ -	\$ -	\$ 177,760	36%	\$ 319,038
Water Quality Testing - Treatment Plant	-	15,768	-	-	-	15,768	0%	(15,768)
Electricity - Water Treatment Plant	382,453	122,473	-	-	-	122,473	32%	259,980
All Other Costs - Water Treatment Plant	2,261,180	496,453	-	-	-	496,453	22%	1,764,727
Terminal	117,040	62,965	-	-	-	62,965	54%	54,075
Main Dam	281,009	158,574	-	-	-	158,574	56%	122,435
Other	1,468,645	278,926	-	-	-	278,926	19%	1,189,719
Expenses		1,312,918	-	-	-	1,312,918	26%	3,694,207
Budget	5,007,125	1,251,781	1,251,781	1,251,781	1,251,781	5,007,129		
Variance (over)/under		(61,137)	1,251,781	1,251,781	1,251,781	3,694,207		
% Variance		-5%	100%	100%	100%			

Zone 3 Budget Status
1st Quarter FY23/24

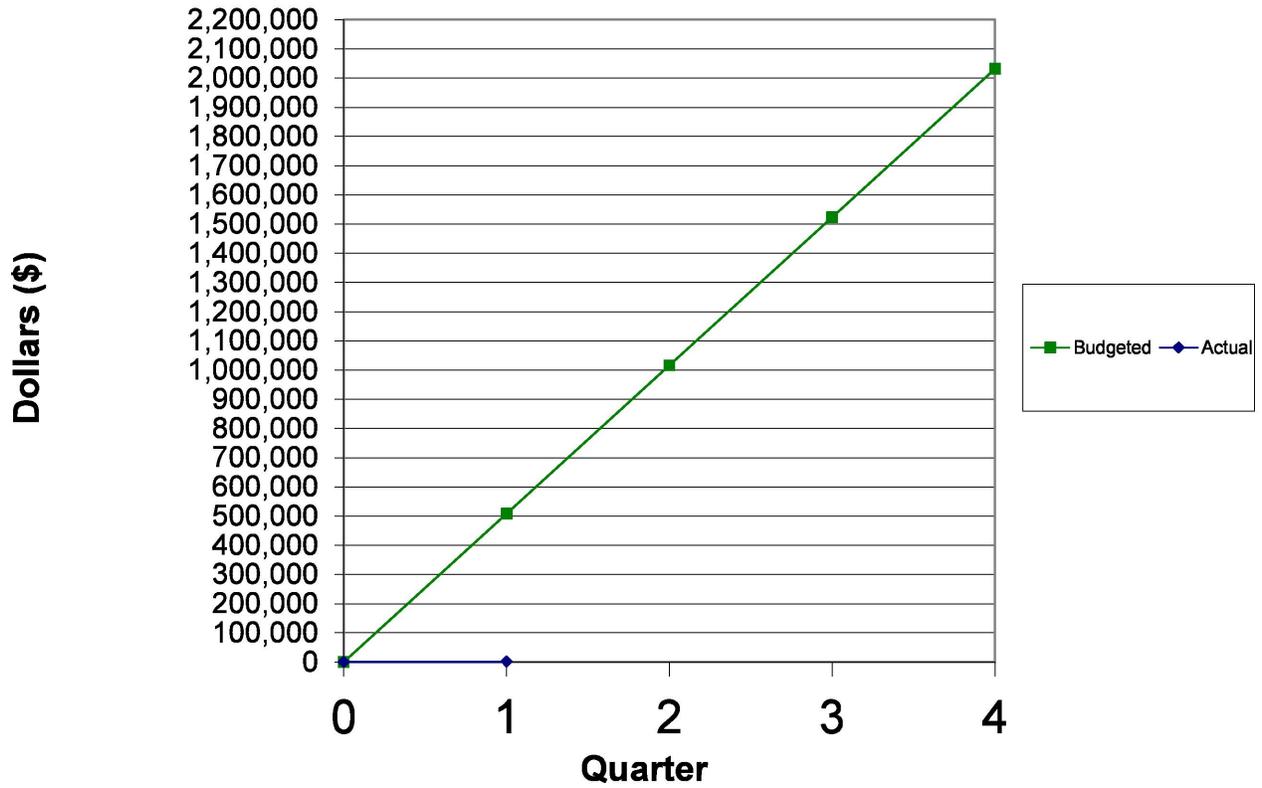
Non-Routine Operation and Maintenance



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	\$ -	\$ -	\$ -	\$ 5,251	1%	\$ 432,560
Cathodic Protection Maint	-	\$ -	-	-	-	-	0%	-
Geotech Test/Seismic Alt Study Terminal Dam	168,738	64,181	-	-	-	64,181	38%	104,557
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	-	-	-	-	-	0%	403,953
Contr to FC General AG Creek Subbasin	-	-	-	-	-	-	0%	-
552TEMP03 Replace Stem Wall Sludge Bed 2	90,000	-	-	-	-	-	100%	90,000
Expenses		69,432	-	-	-	69,432	5%	1,406,565
Budget	1,475,997	368,999	368,999	368,999	368,999	1,475,997		
Variance (over)/under		299,567	368,999	368,999	368,999	1,406,565		
% Variance		81%	100%	100%	100%			

Zone 3 Budget Status
1st Quarter FY23/24

Capital Outlay



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 Term Res	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -		\$ -
Fireflow Tank Repair	379,674	-	-	-	-	-	0%	379,674
Cathodic Protection Units 1-3	480,415	417	-	-	-	417	0%	479,998
Dump Trailer	-	-	-	-	-	-	0%	-
ATV, Polaris	-	-	-	-	-	-	0%	-
New Water Treatment Barge	-	-	-	-	-	-	0%	-
Upgrade EQ Pump	23,316	-	-	-	-	-	0%	23,316
Carbon Dioxide Injection System	17,623	653	-	-	-	653	4%	16,970
WTP-Membrance Filter Modules (2 Racks)	610,094	-	-	-	-	-	0%	610,094
Chemical Tank Replacement	520,000	-	-	-	-	-	0%	520,000
Expenses		1,070	-	-	-	1,070	0%	2,030,052
Budget	2,031,122	507,781	507,781	507,781	507,781	2,031,122		
Variance (over)/under		506,711	507,781	507,781	507,781	2,030,052		
% Variance		100%	100%	100%	100%			



ZONE 3 Lopez Project

San Luis Obispo County Flood Control and Water Conservation District

TO: Zone 3 Advisory Committee

FROM: David Spiegel, PE

DATE: November 16, 2023

SUBJECT: Zone 3 Projects Update

Project Updates:

- Fireflow Tank Replacement
 - Starting project execution plan
 - Preparing RFP for tank design
 - Budget ~\$800,000

- Membrane Module Replacement
 - Purchasing 2 racks of modules
 - PO Created to purchase 2 racks
 - Budget ~\$600,000

- Spillway Assessment and Investigation (No Change)
 - Performed Electrical Resistivity Test
 - Scope and schedule for Non-destructive testing in Review by District
 - Remainder of project ~ minimum of \$300,000

- Geotechnical Testing & Seismic Alternatives Study of Terminal Reservoir Dam (No Change)
 - Draft Seismic Hazard TM has been prepared
 - Sending to DSOD for comment
 - GEI is working on Geotechnical Engineering Report
 - Budget ~\$500,000

- Cathodic Protection Repair Project
 - Installing new test stations
 - Budget ~\$449,933

- CO2 Injection System (No Change)
 - CO2 Tank and Carbonic Acid Skid has been delivered
 - Long lead items are finally here, awaiting install
 - Budget ~\$256,000

- Chemical Tank Replacement
 - Ordering tanks
 - Project Scheduled for mid-January into February
 - Budget ~\$350,000



ZONE 3 Lopez Project

San Luis Obispo County Flood Control and Water Conservation District

- Sludge Bed Curtain Wall Rehabilitation (No Change)
 - Issuing PO for investigation/repair
 - ~\$50,000 per initial quote

- Bathymetric Study
 - Boat survey complete
 - Awaiting report
 - ~\$90,000

Completed Projects

- Lopez Water Treatment Plant Rack 1 Membrane Replacement
- Tesla Battery Storage
- Lopez WTP Safety Upgrades (Cancelling)
- Equipment Storage Building (Cancelling)
- Chlorine Dioxide Bulk Storage Tank