

ZONE 3 ADVISORY COMMITTEE

San Luis Obispo County Flood Control and Water Conservation District

AGENDA

Thursday, November 17, 2022 6:30 P.M. City of Arroyo Grande Council Chambers 300 East Branch Street, Arroyo Grande, California 93420

Phone line: +1 (872) 240-3412 **Access Code:** 931-623-109

OR

Webinar: https://global.gotomeeting.com/join/931623109

- I. CALL TO ORDER AND ROLL CALL
- II. PUBLIC COMMENT

This is an opportunity for members of the public to address the Committee on items that are not on the Agenda

- III. APPROVAL OF MEETING MINUTES
 - A. August 11, 2022 Special Meeting Attachment 1
- IV. APPROVAL OF 2023 MEETING SCHEDULE Attachment 2
- V. OPERATIONS REPORT
 - A. Water Plant Operations, Reservoir Storage, Downstream Releases Verbal Update
 - B. Projected Reservoir Levels Attachment 3
 - C. September & October Monthly Operations Report Attachment 4
- VI. INFORMATION ITEMS
 - A. 1st Quarter Budget Status Attachment 5
 - B. Cloud Seeding Update Verbal Update
- VII. CAPITAL PROJECTS UPDATE
 - A. Bi-Monthly Update Attachment 6
- VIII. ACTION ITEMS (No Subsequent Board of Supervisors Action Required)
 - IX. ACTION ITEMS (Board of Supervisors Action is Subsequently Required)
 A. Endorse Budget Adjustment to Fund Tank Replacement Project Attachment 7
 - X. FUTURE AGENDA ITEMS
 - XI. COMMITTEE MEMBER COMMENTS

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



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

- I. Call to Order and Roll Call The Zone 3 Advisory Committee Meeting was called to order at 6:32 PM at the City of Grover Beach by Daniel Rushing. County Public Works Utilities Division Engineer and Secretary to the Advisory Committee, Jill Ogren, called roll. Quorum was present. Members in attendance were:
 - Marcia Guthrie, City of Pismo Beach
 - Shirley Gibson, Oceano Community Services District
 - · Daniel Rushing, City of Grover Beach
 - Brad Hagemann, Community Services District 12
 - Ron Reilly, Member at Large
 - Vard Ikeda, Agriculture Member
- **II. Public Comment –** This is an opportunity for members of the public to address the Committee on items that are not on the Agenda. No public comment.
- III. Information Items
 - **A.** Sample Resolution for Virtual Meetings Jill Ogren provided a sample resolution for virtual meetings.
- IV. Action Items (No Subsequent Board of Supervisors Action Required)
 - A. Motion to approve virtual meetings Member Gibson motions approval to pursue virtual meetings when possible, while utilizing resolutions in place, and Member Reilly seconded. Jill Ogren called roll. Motion passed.
- V. Action Items (No Subsequent Board of Supervisors Action Required)
 - A. Endorse execution of Amended and Restated Water Supply Contracts Member Guthrie motions to endorse the execution of Amended and Restated Water Supply Contracts between the San Luis Obispo County Flood and Water Conservation District and the Zone 3 Contractors, and adoption of the associated Negative Declaration Member Hagemann seconded. Jill Ogren called roll. Motion passed.
- VI. Action Items (Board of Supervisors Action is Subsequently Required)
- **XI. Committee Member Comments**

Meeting Adjourned at 7:00 PM

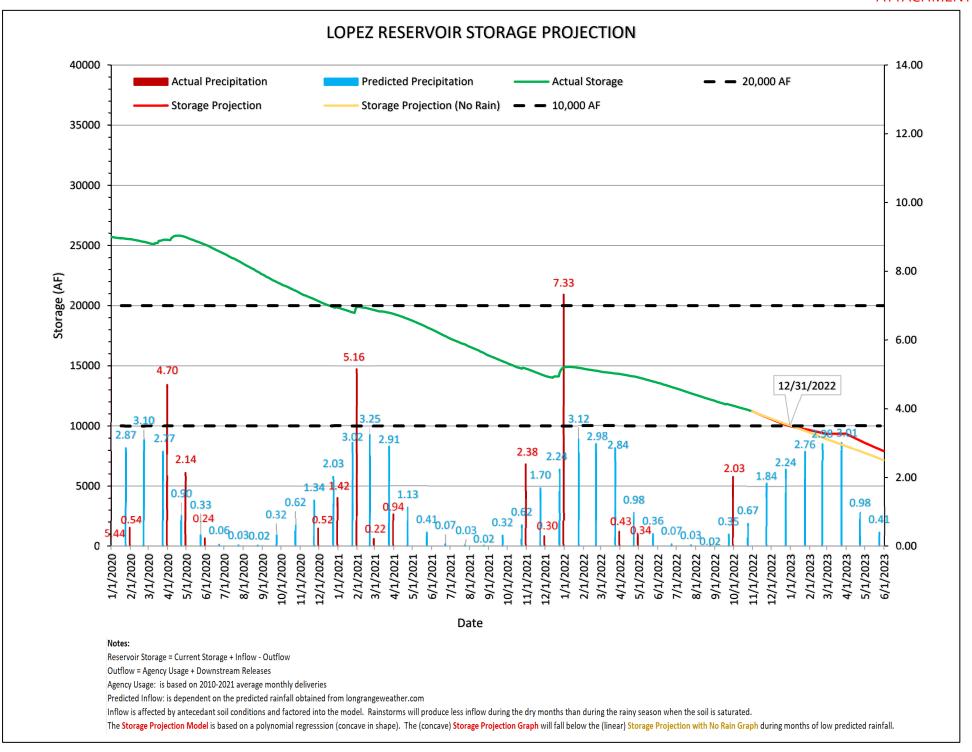
Respectfully Submitted,

Amber Cordova
County of San Luis Obispo Department of Public Works



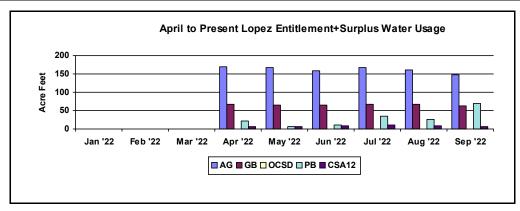
ZONE 3 - LOPEZ PROJECT ADVISORY AND TECHNICAL ADVISORY COMMITTEES 2023 MEETING SCHEDULE

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



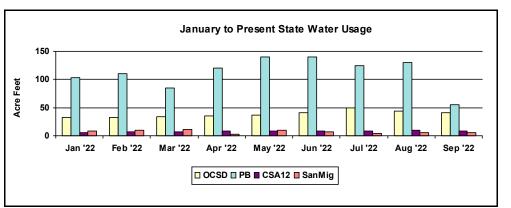
San Luis Obispo County Flood Control and Water District Zone 3 - Lopez Project - Monthly Operations Report September, 2022

			Lopez Water Deliveries													State Water Deliveries							
	Entl.	Surplus	Surplus	Total		This	Month				April to	Present				This Month				J	anuary to Preser	nt	Total Water
Contractor	Eliti.	Water	•	Available	Entitle	ment	Surp	lus	Entitle	ment	Surp	lus	Tot	al	Annual	Usage	% of	SWP	Change in	Usage	% of Annual	SWP	Deliveries
		Declared		Water	Usage	%	Usage	%	Usage	%	Usage	%	Usage	%	Request		Annual Request	Deliveries	Storage		Request	Deliveries	This Month
Arroyo Grande	1832	742.00	742.00	2574	148.62	8.1%	0.00	0.0%	973.42	53.1%	0.00	0.0%	973.42	37.8%									148.62
Oceano CSD	242.4	375.00	375.00	617	0.00	0.0%	0.00	0.0%	0.00	0.0%	0.00	0.0%	0.00	0.0%	750	41.74	5.6%			349.52	46.6%		41.74
Grover Beach	640	204.00	204.00	844	62.53	9.8%	0.00	0.0%	393.39	61.5%	0.00	0.0%	393.39	46.6%									62.53
Pismo Beach	713.6	1048.00	1048.00	1762	70.50	9.9%	0.00	0.0%	169.46	23.7%	0.00	0.0%	169.46	9.6%	1240	55.00	4.4%			1008.91	81.4%		125.5
CSA 12	196	230.00	230.00	426	6.48	3.3%	0.00	0.0%	46.31	23.6%	0.00	0.0%	46.31	10.9%	96	8.50	8.9%			71.83	74.8%		14.98
San Miguelito															120	5.68	4.7%			64.20	53.5%		5.68
<u>Total</u>	3624	2599.00	2599.00	6223	288.13	8.0%	0.00	0.0%	1582.58	43.7%	0.00	0.0%	1582.58	25.4%	2206	110.92	5.0%	144	33.08	1494.46	67.7%	1737.00	399.05
															Last Mon	th Stored Sta	ite Water	869.28		This Month St	ored State Water	902.36	



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

Lopez Dam Operations	This Month	Year to Date		
Lake Elevation (full at 522.37 feet)	459.8		Difference (feet)	-62.57
Storage (full at 49200 acre feet)	11686		% Full	23.8%
Rainfall	2.62	2.62		
Downstream Release (4200 acre feet/year)	185.36	1100.81		
Spillage (acre feet)	0	0.00		



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

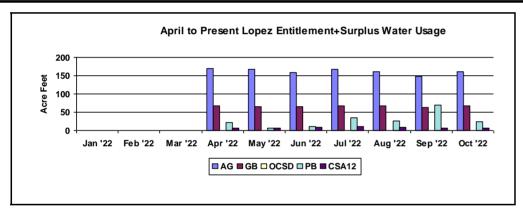
Comments:

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

Monday, November 7, 2022 Data entered by: D. Bravo Report printed by: Admin Page 1 of 1

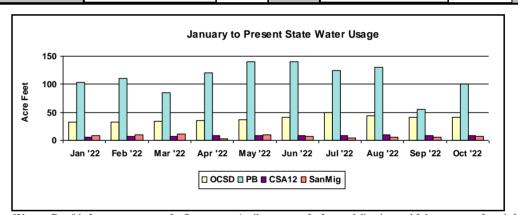
San Luis Obispo County Flood Control and Water District Zone 3 - Lopez Project - Monthly Operations Report October, 2022

			Lopez Water Deliveries										State Water Deliveries										
	Entl.	Surplus	Surplus	Total		This	Month				April to	Present					Thi	s Month		J	anuary to Presen	nt	Total Water
Contractor		Water	Requested	Available	Entitle	ement	Surp	lus	Entitle	ment	Surp	lus	Tota	ıl	Annual	Usage	% of	SWP	Change in	Usage	% of Annual	SWP	Deliveries
		Declared		Water	Usage	%	Usage	%	Usage	%	Usage	%	Usage	%	Request		Annual Request	Deliveries	Storage		Request	Deliveries	This Month
Arroyo Grande	1832	742.00	742.00	2574	160.53	8.8%	0.00	0.0%	1133.95	61.9%	0.00	0.0%	1133.95	44.1%									160.53
Oceano CSD	242.4	375.00	375.00	617	0.00	0.0%	0.00	0.0%	0.00	0.0%	0.00	0.0%	0.00	0.0%	750	41.14	5.5%			390.66	52.1%		41.14
Grover Beach	640	204.00	204.00	844	66.87	10.4%	0.00	0.0%	460.26	71.9%	0.00	0.0%	460.26	54.5%									66.87
Pismo Beach	713.6	1048.00	1048.00	1762	23.82	3.3%	0.00	0.0%	193.28	27.1%	0.00	0.0%	193.28	11.0%	1240	100.00	8.1%			1108.91	89.4%		123.82
CSA 12	196	230.00	230.00	426	6.18	3.2%	0.00	0.0%	52.49	26.8%	0.00	0.0%	52.49	12.3%	96	8.50	8.9%			80.33	83.7%		14.68
San Miguelito															120	7.72	6.4%			71.92	59.9%		7.72
Total	3624	2599.00	2599.00	6223	257.40	7.1%	0.00	0.0%	1839.98	50.8%	0.00	0.0%	1839.98	29.6%	2206	157.36	7.1%	183	25.64	1651.82	74.9%	1920.00	414.76



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

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



902.36

This Month Stored State Water

928.00

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

Comments:

- 1) Oceano supplied water to Canyon Crest via Arroyo Grande's Edna turn out. A total of 1.77 AF delivered to Canyon Crest was added to Oceano's water usage this month and 1.77 AF was subtracted from Arroyo Grande's usage this month.
- 2) Lopez Water Deliveries are now operated under the Low Reservoir Response Plan (LRRP). On July 21, 2022 AC endorsed a 20% entitlement reduction (retroactive to April 2022) in anticipation of reaching the 10,000 AF trigger of the LRRP. Entitlements shown represent a 20% reduction.
- 3)Surplus water shown is actually "Carry Over" water as designated in the LRRP.

Last Month Stored State Water

4) On April 2022, the County presented the Stored State Water minus evaporation losses dating back to the January 1, 2015 water recharacterization. On December 31, 2021 the calculated Stored State Water minus evaporation losses was 659.82 AF. Evaporation losses will be presented annually.

Monday, November 14, 2022 Data entered by: D. Bravo Report printed by: Admin Page 1 of 1



COUNTY OF SAN LUIS OBISPO Department of Public Works

John Diodati, Director

November 17, 2022

MEMORANDUM

TO: Flood Control Zone 3 Advisory Committee

FROM: Megan Schotborgh, Accountant

SUBJECT: Flood Control Zone 3, First Quarter Budget Status, Fiscal Year 2022-23

Recommendation

The item to be received and filed.

Summary

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

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

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

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

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

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

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

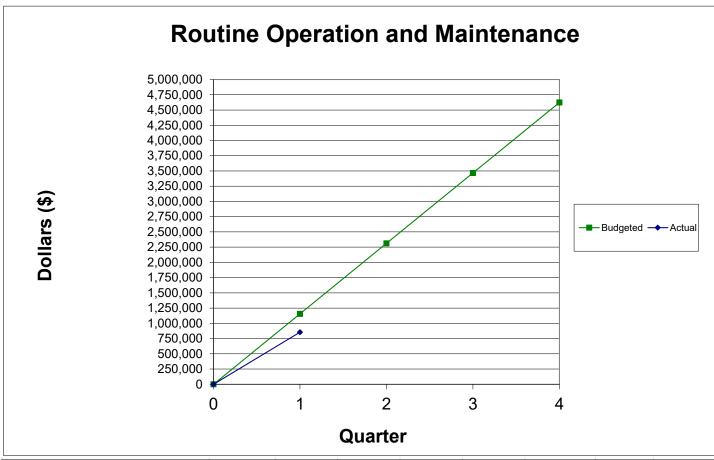
Total	Expenses	Balance	% of Budget
Budget	through Q1	Available	Expended
1,290,715	14,840	1,275,875	1%

Other Agency Involvement/Impact

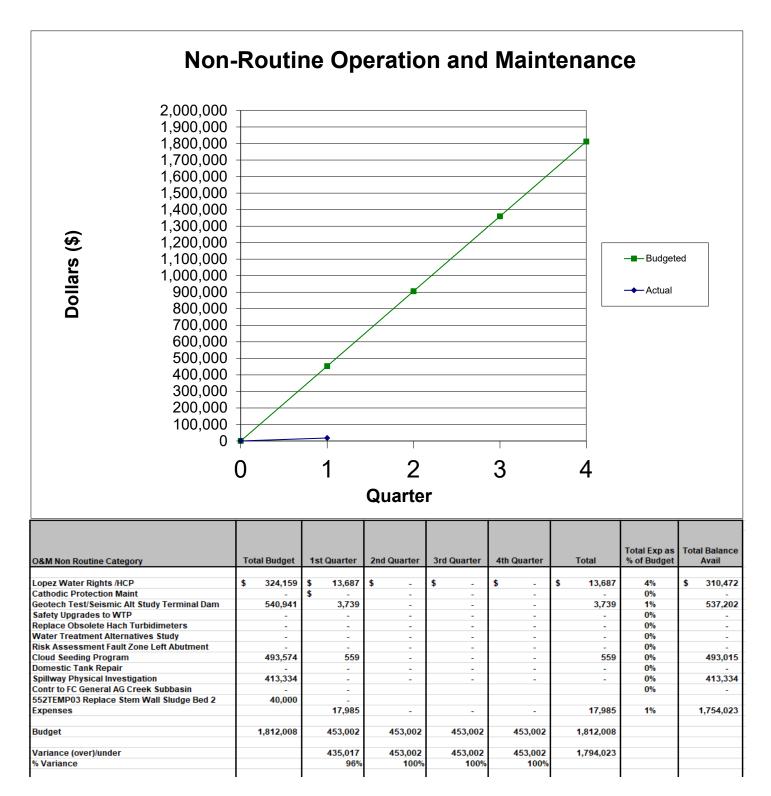
The agencies involved: City of Arroyo Grande, City of Grover Beach, City of Pismo Beach, Oceano Community Services District, and County Service Area 12. Subcontractors of CSA 12 include Port San Luis Harbor District and Avila Beach Community Services District.

Financial Consideration

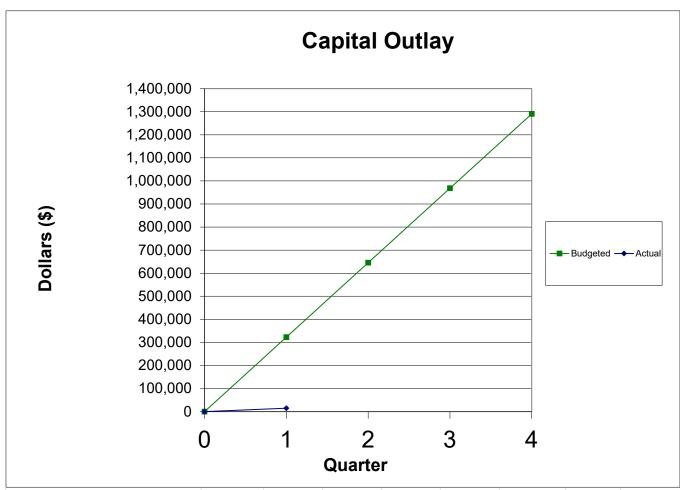
All agencies are current on their payments. The revised billings for FY 2021-22 will be mailed along with the 2^{nd} installment of the FY 2021-22 billings by the end of the month. Payments are due January 1, 2023.



O&M Routine Category	To	tal Budget	1st Quar	ter	2nd Quarter	3rd Quarter	4th Quarter	Total	Total Exp as % of Budget	Total Balance Avail
Labor Hours		22,728	4,0	694	-	-	-	4,694	21%	
Chemicals - Water Treatment Plant	\$	494,790		B 21	\$ -	\$ -	\$ -	\$ 88,821	18%	\$ 405,969
Water Quality Testing - Treatment Plant Electricity - Water Treatment Plant	+	303,429	14, 89.	543 248	-	-	-	14,543 89,248		(14,543) 214,181
All Other Costs - Water Treatment Plant		1,908,423	404,	001	-	-	-	404,001	21%	1,504,422
Terminal Main Dam	-	290,954 415,260		780 300	-	-	-	24,780 58,300	9% 14%	266,174 356,960
Other		1,210,434	175,		-	-	-	175,153	14%	1,035,281
Expenses			854,	B 4 6	-	-	-	854,846	18%	3,768,444
Budget		4,623,290	1,155,	823	1,155,823	1,155,823	1,155,823	4,623,294		
Variance (over)/under			300,	977	1,155,823	1,155,823	1,155,823	3,768,444		
% Variance				26%	100%	100%	100%			



Zone 3 Budget Status 1st Quarter FY22/23



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



ZONE 3 Lopez Project

San Luis Obispo County Flood Control and Water Conservation District

TO: Zone 3 Advisory Committee

FROM: David Spiegel, PE

DATE: November 17, 2022

SUBJECT: Zone 3 Projects Update

Project Updates:

Tesla Battery Storage (No Change)

- Doing Startup testing to be prepared for PGE approval of plan to operate (PTO)
- o Budget Free

Spillway Assessment and Investigation (No Change)

- Consultant is preparing response to DSOD workplan comments. Draft response expected by 9/16/22.
- Remainder of project ~ minimum of \$300,000

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

- DSOD completed workplan review process.
- Final workplan under GEI review.
- Budget ~\$500,000

• Lopez WTP Safety Upgrades (No Change)

- Staff are looking into additional consultants to do a lifeline system within the membrane building.
- Multiple consultants have reviewed the project, but none have quoted the project.
- Budget ~\$53,000

Cathodic Protection Repair Project (No Change)

- o Preparing BID documents
- o Submitted encroachment permit applications
- Obtained authorization from the Board of Supervisors to advertise the project
- Plan to advertise the project by the end of October.
- o Need Additional \$160,000 this fiscal year
- Budget ~\$449,933

Equipment Storage Building (To Be Cancelled)

 Bids came in significantly over budget. Installing an equipment storage building is currently infeasible.



ZONE 3 Lopez Project

San Luis Obispo County Flood Control and Water Conservation District

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

Completed Projects

• Lopez Water Treatment Plant Rack 1 Membrane Replacement



COUNTY OF SAN LUIS OBISPO Department of Public Works

John Diodati, Director

August 11, 2022

TO: Flood Control Zone 3 Advisory Committee

FROM: David Spiegel, Public Works - Utilities Division Engineer

SUBJECT: Zone 3 Budget Adjustment

Recommendation

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

Discussion

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

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

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







