



ZONE 3 ADVISORY COMMITTEE

San Luis Obispo County Flood Control and Water Conservation District

AGENDA

Thursday, January 21, 2021 6:30 P.M.

Due to COVID-19 Meeting Protocols
we will hold the meeting via Goto Meeting or via Phone

Phone line: +1 (646) 749-3122

Access Code: 478-067-053

OR

Webinar: <https://global.gotomeeting.com/join/478067053>

- 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. APPROVAL OF MEETING MINUTES
 - A. Nov 19, 2020 Regular Meeting – [Attachment 1](#)
- IV. OPERATIONS REPORT
 - A. Water Plant Operations, Reservoir Storage, Downstream Releases - [Verbal Update](#)
 - B. Projected Reservoir Levels – [Attachment 2](#)
 - C. November & December Monthly Operations Report – [Attachment 3](#)
- V. INFORMATION ITEMS
 - A. Proposed FY 21/22 Budget - [Attachment 4](#)
 - B. Cloud Seeding Update – [Verbal Update](#)
 - C. Contract Changes Update – [Verbal Update](#)
 - D. Habitat Conservation Plan Expenditure History – [Attachment 5](#)
- VI. CAPITAL PROJECTS UPDATE
 - A. Bi-Monthly Update – [Attachment 6](#)
- 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

Next Regular Meeting is Tentatively Scheduled for
March 18, 2021 at 6:30 PM

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 November 19, 2020**

ATTACHMENT 1

- I. Call to Order and Roll Call** -- The Zone 3 Advisory Committee Meeting was called to order at 6:30 PM via GoTo Meeting due to the Covid-19 pandemic by Chairperson, Karen Bright.

County Public Works Utilities Division Senior Engineer and Secretary to the Advisory Committee, Jill Ogren, called roll. Quorum was present. Members in attendance were:

- Kristen Barneich, City of Arroyo Grande
- Karen Bright, City of Grover Beach
- Shirley Gibson, Oceano CSD
- Marcia Guthrie, City of Pismo Beach
- Brad Hagemann, County Services Area 12
- Brian Talley, Agriculture Member
- Ron Reilly, Member At Large

Announcement of the new committee members was made – Ron Reilly as Member At Large and Matthew Scudato as Alternate.

- II. Public Comment** – Jill Ogren announced the State Office of Environmental Health and Hazard issued a fishing advisory for Lopez Lake on October 10th. This advisory offers safe eating advice on 7 species of fish based on their levels of mercury.

III. Approval of Meeting Minutes (Attachment 1)

A. September 17, 2020 – Member Barneich motioned approval of the minutes and Member Hagemann seconded. Member Bright requested roll call for approval. *Motion passed.*

- IV. Approval of 2021 Meeting Schedule (Attachment 2) – Member Barneich motioned approval of the meeting schedule and Member Talley seconded.** Member Bright requested roll call for approval. *Motion passed.*

V. Operations Report

A. Water Plant Operations, Reservoir Storage, Downstream Releases – Jenny Williamson, Administrative Assistant at the Lopez Water Treatment Plant, indicated: Lopez Lake elevation was 481.93 feet; storage was 20,629 acre-feet (AF), which is 42% capacity; rainfall to date, since July 1, 2020, was 0.68 inches; plant production was 5.4 million gallons per day (MGD); downstream release was 3.4 MGD; and State Water was 0 MGD.

B. Projected Reservoir Levels – Review of the Lopez Reservoir Projections Chart (Attachment 3 of the Agenda Packet). The yellow line shows anticipated storage if no further rain is received. Long-range predictions show rain is expected in the coming months. Desiree Bravo, Public Works Utilities Engineer, discussed the changes made to the Storage Projections chart to provide a more accurate prediction of the reservoir's

response to rainfall. Rainfall predictions are still received from long range weather.com which looks at historical trends of rainfall to make predictions.

C. September and October Monthly Operations Report – Review of the monthly operations reports with the committee (Attachment 4 of the Agenda Packet).

No public comment was given.

VI. Information Items

A. 1st Quarter Budget Status – County Public Works Zone 3 Accountant, Kristi Smith, provided an update on the 1st Quarter Budget Status (Attachment 5 of the Agenda Packet). The \$6.3M budget was broken into three categories: Routine Operations & Maintenance, Non-Routine Operations & Maintenance, and Capital Outlay. At the end of the fiscal year, 16% of the total annual budget had been expended.

Total Budget	Expenses through Q1	Balance Available	% of Budget Expended
\$6,366,952	\$992,674	\$5,374,278	16%

Routine O&M: has a budget of \$4.1M. At the end of the first quarter, 22% of the annual budget had been expended, resulting in approximately \$3.2 available for the remainder of the year. Expenses in this category are on target with budgeted levels.

Total Budget	Expenses through Q1	Balance Available	% of Budget Expended
\$4,150,223	\$909,860	\$3,240,363	22%

Non-Routine O&M: has a budget of approximately \$1.6M. At the end of the first quarter, 2% of the annual budget has been expended, resulting in an available balance of roughly \$1.6M 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 Budget	Expenses through Q1	Balance Available	% of Budget Expended
\$1,688,057	\$32,722	\$1,655,335	2%

Capital Outlay: has a budget of almost \$530,000. At the end of the first quarter, expenses were 9% of the annual budget, resulting in approximately \$480,000 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.

All agencies are current on their payments. Earlier this month, the revised billings for FY 2019- 20 were mailed along with the 2nd installment of the FY 2020-21 billings. Payments are due January 1, 2021.

B. Cloudseeding Update – Jill Ogren announced that on November 17, 2020, the Board of Supervisors approved the Zone 3 Cloudseeding Program for 20-21 as well as utilizing the City of AG's water tank site as location to install ground seeding equipment. Program will begin December 1, 2020 and continue through April 15, 2021.

C. Contract Changes Update – A brief update was provided on the status of the contract changes. The subcommittee, working on the contract changes, continues to meet to address various issues while the CEQA evaluation of potential impacts of proposed changes is being conducted by County Public Works Environmental Division. The Notice Of Preparation (NOP) of a CEQA document was released on October 29, 2020. A draft of the CEQA document is expect by March 2021 and will be available for public review from April to May of 2021. Once the public review period closes, it is anticipated that the new contract will go to each agencies Governing Board for review and approval in June/July 2021 and expected to be ready for Board of Supervisor approval by September 2021.

No public comment was given.

VII. Capital Projects Update

A. Terminal Dam Decommissioning Update – (Attachment 7 of the Agenda Packet). Jill discussed recent information received from the County's Water Quality Laboratory Manager regarding items for consideration and evaluation if we are to have direct use of Lopez Lake as opposed to using the terminal reservoir. Items mentioned were: NPDES Aquatic Weed Control Permit, Draft Recreation Plan Guidelines, Central Coast Basin Plan, Habitat Conservation Plan, Monthly Sanitary Survey Inspections, and Enhanced Storm Water Treatment. These items for consideration and evaluation were presented to the TAC with a recommendation from Public Works staff that before going further with terminal dam decommissioning staff investigate options for seismically retro-fitting the terminal dam. The items for consideration and evaluation by the Water Quality Lab could have an impact on frequency of downstream releases, this is a serious concern as downstream releases are the critical factor in completing the Habitat Conservation Plan. Discussed budget available of \$89,000 this year to initiate the geotechnical investigation of the terminal dam and that ultimately staff estimates a need for approximately \$500,000 to complete a geotechnical evaluation along with a seismic remediation alternatives study. The funding is anticipated to come from the operations and maintenance reserves. Kristi Smith noted that in the past the operations and maintenance reserves were used to offset HCP costs whenever HCP costs were over \$100,000.

B. Bi-Monthly Update – Updates were provided on the various capital projects (Attachment 8 of the Agenda Packet).

No Public comment was given.

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

No Action Items discussed.

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

X. Future Agenda Items

Cloudseeding, Contract Changes, and HCP

XI. Committee Member Comments

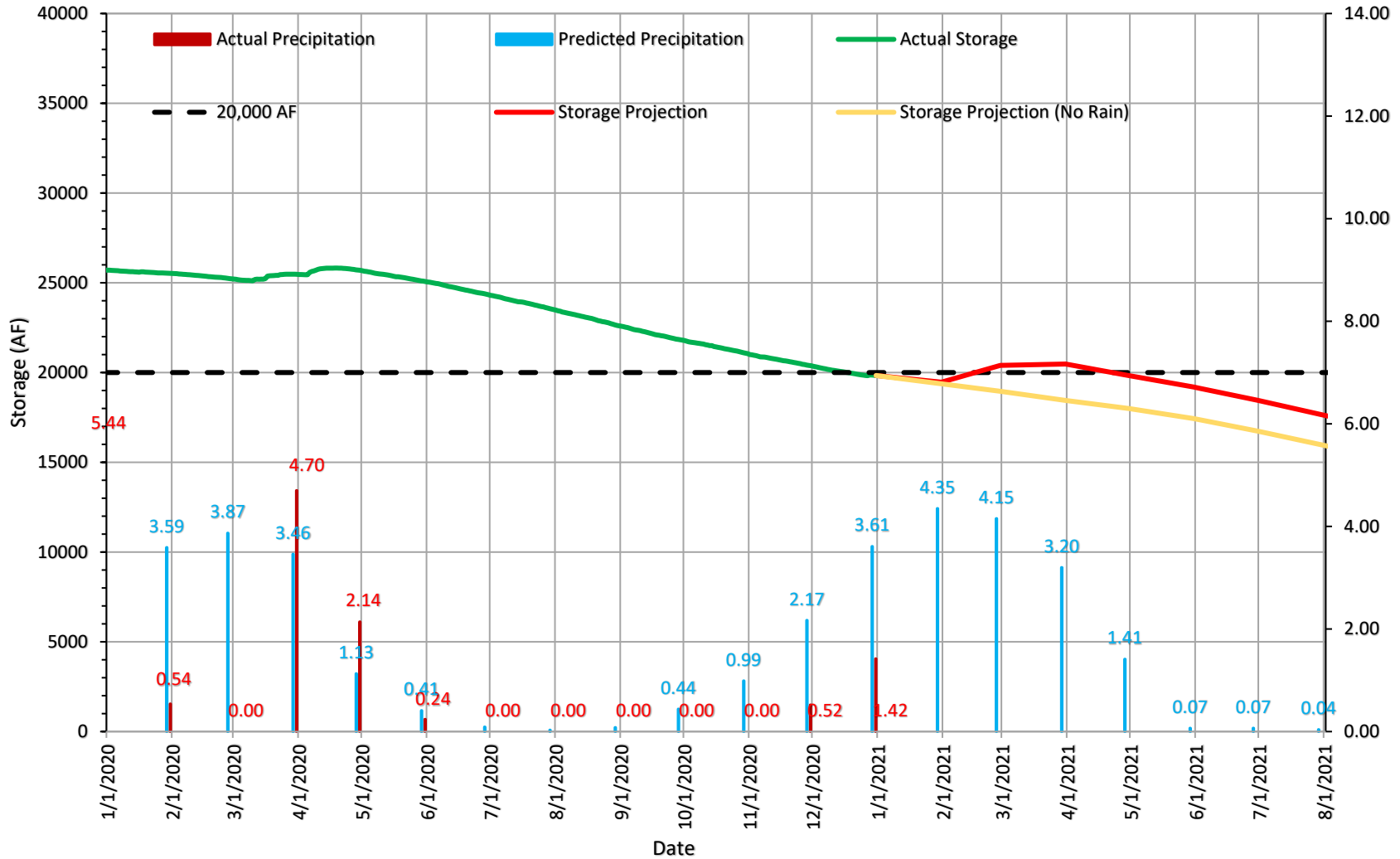
Member Bright asked if this is the same HCP we were working on 8 years ago. Jill stated yes. Member Reilly asked if Zone 3 over sees the groundwater sustainability plan. Member Talley stated that DWR has categorized the AG Creek sub basin as a very low priority basin. Member Talley said that he believes the HCP has been going on for 20 years. Ogren agreed and stated it started back in the 90's. Member Bright welcomed Ron Reilly to the Advisory Committee.

Meeting Adjourned at 8:11 PM

Respectfully Submitted,

Jenny Williamson
County of San Luis Obispo Public Works Department

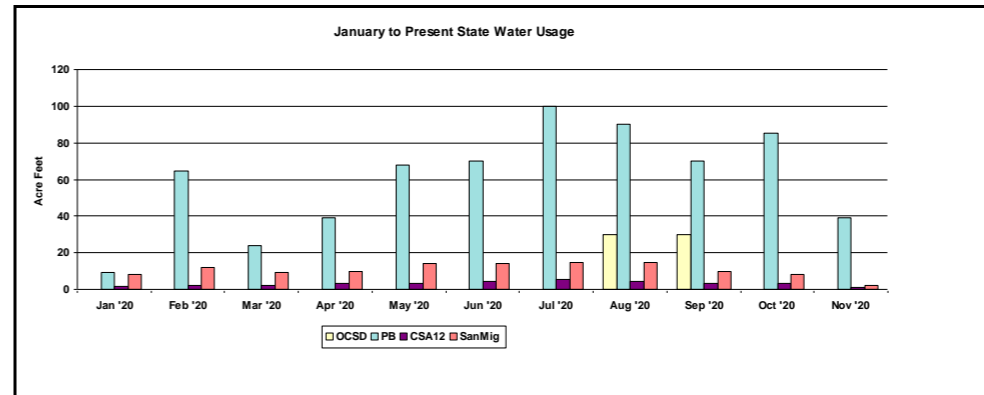
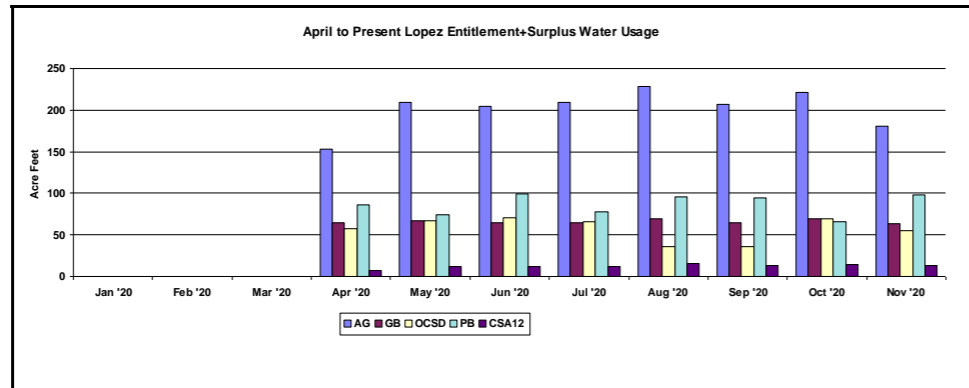
LOPEZ RESERVOIR STORAGE PROJECTION



1. Storage projection is based on predicted rainfall from longrangeweather.com, inflow based on predicted rainfall, 20-21 downstream release requests, and municipal usage.
2. Municipal Usage is based on Jan 2010- Dec 2019 average monthly deliveries.
3. Predicted inflow is based off of historical precipitation and storage data. Antecedant moisture conditions are factored into the model. The first rainstorms after months without rain will cause less inflow than rainstorms during the rainy season. If the average daily rainfall for the previous three months is below 1 inch the model will multiply the predicted inflow by 0.1, if the average is above 1 inch the inflow is multiplied by 1.25.

San Luis Obispo County Flood Control and Water District Zone 3 - Lopez Project - Monthly Operations Report November, 2020

Contractor	Lopez Water Deliveries											State Water Deliveries					Total Water Deliveries This Month						
	Entl.	Surplus Water Declared	Surplus Requested	Total Available Water	This Month				April to Present				Annual Request	This Month				January to Present					
					Entitlement		Surplus		Entitlement		Surplus			Total		Usage		% of Annual Request	SWP Deliveries	Change in Storage	Usage	% of Annual Request	SWP Deliveries
					Usage	%	Usage	%	Usage	%	Usage	%											
Arroyo Grande	2290	911.00	111.00	2401.00	180.11	7.9%	0.00	0.0%	1613.51	70.5%	0.00	0.0%	1613.51	67.2%								180.11	
Oceano CSD	303	121.00	321.00	624.00	0.00	0.0%	55.12	17.2%	303.00	100.0%	153.38	47.8%	456.38	73.1%	60	0.00	0.0%			60.00	100.0%		55.12
Grover Beach	800	318.00	100.00	900.00	62.84	7.9%	0.00	0.0%	527.44	65.9%	0.00	0.0%	527.44	58.6%									62.84
Pismo Beach	892	355.00	655.00	1547.00	98.34	11.0%	0.00	0.0%	690.37	77.4%	0.00	0.0%	690.37	44.6%	608	39.00	6.4%			658.27	108.3%		137.34
CSA 12	245	98.00	0.00	245.00	12.90	5.3%	0.00	0.0%	99.69	40.7%	0.00	0.0%	99.69	40.7%	40	1.29	3.2%			34.87	87.2%		14.19
San Miguelito															120	1.92	1.6%			115.89	96.6%		1.92
Total	4530	1803.00	1187.00	5717.00	354.19	7.8%	55.12	4.6%	3234.01	71.4%	153.38	12.9%	3387.39	59.3%	828	42.21	5.1%	0	-42.21	869.03	105.0%	683.00	451.52
											Last Month Stored State Water			1312.43				This Month Stored State Water			1270.22		



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

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

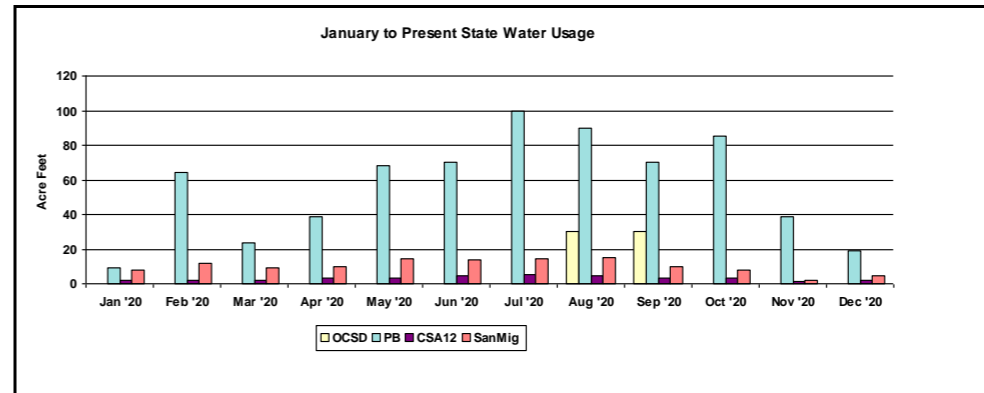
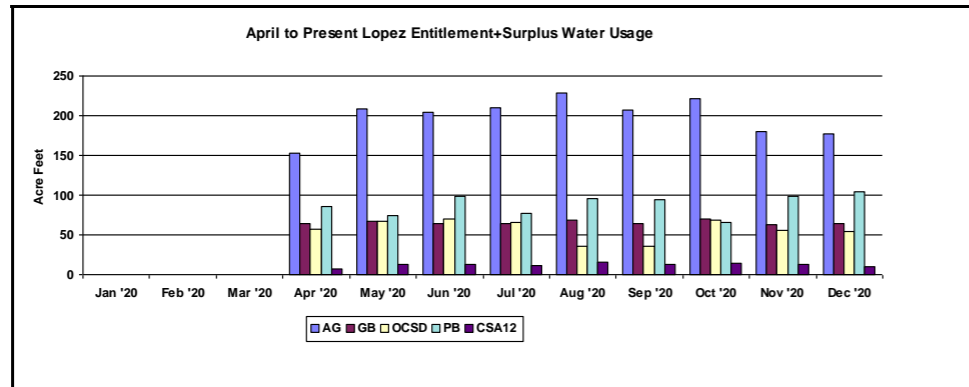
Lopez Dam Operations		This Month	Year to Date		
Lake Elevation (full at 522.37 feet)		481.43		Difference (feet)	-40.94
Storage (full at 49200 acre feet)		20383		% Full	41.4%
Rainfall		0.62	0.68		
Downstream Release (4200 acre feet/year)		315.79	1954.27		
Spillage (acre feet)		0	0.00		

Comments:

- Oceano supplied water to Canyon Crest via Arroyo Grande's Edna turn out. A total of 2.02 AF delivered to Canyon Crest was added to Oceano's water usage this month and 2.02 AF was subtracted from Arroyo Grande's usage this month.
- OCSD revised their annual State Water Delivery Request on September 10th from 150 AF to 60 AF.

San Luis Obispo County Flood Control and Water District Zone 3 - Lopez Project - Monthly Operations Report December, 2020

Contractor	Lopez Water Deliveries											State Water Deliveries					Total Water Deliveries This Month						
	Entl.	Surplus Water Declared	Surplus Requested	Total Available Water	This Month				April to Present				Annual Request	This Month				January to Present					
					Entitlement		Surplus		Entitlement		Surplus			Total		Usage		% of Annual Request	SWP Deliveries	Change in Storage	Usage	% of Annual Request	SWP Deliveries
					Usage	%	Usage	%	Usage	%	Usage	%		Usage	%								
Arroyo Grande	2290	911.00	111.00	2401.00	177.20	7.7%	0.00	0.0%	1790.71	78.2%	0.00	0.0%	1790.71	74.6%								177.2	
Oceano CSD	303	121.00	321.00	624.00	0.00	0.0%	54.82	17.1%	303.00	100.0%	208.20	64.9%	511.20	81.9%	60	0.00	0.0%			60.00	100.0%		54.82
Grover Beach	800	318.00	100.00	900.00	64.56	8.1%	0.00	0.0%	592.00	74.0%	0.00	0.0%	592.00	65.8%									64.56
Pismo Beach	892	355.00	655.00	1547.00	104.48	11.7%	0.00	0.0%	794.85	89.1%	0.00	0.0%	794.85	51.4%	608	19.00	3.1%			677.27	111.4%		123.48
CSA 12	245	98.00	0.00	245.00	9.52	3.9%	0.00	0.0%	109.21	44.6%	0.00	0.0%	109.21	44.6%	40	2.23	5.6%			37.10	92.8%		11.75
San Miguelito															120	4.53	3.8%			120.42	100.4%		4.53
Total	4530	1803.00	1187.00	5717.00	355.76	7.9%	54.82	4.6%	3589.77	79.2%	208.20	17.5%	3797.97	66.4%	828	25.76	3.1%	21	-4.76	894.79	108.1%	704.00	436.34
											Last Month Stored State Water			1270.22				This Month Stored State Water			1265.46		



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

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

Lopez Dam Operations	This Month	Year to Date		
Lake Elevation (full at 522.37 feet)	480.28		Difference (feet)	-42.09
Storage (full at 49200 acre feet)	19826		% Full	40.3%
Rainfall	1.71	2.39		
Downstream Release (4200 acre feet/year)	332.67	2286.94		
Spillage (acre feet)	0	0.00		

Comments:

- Oceano supplied water to Canyon Crest via Arroyo Grande's Edna turn out. A total of 1.96 AF delivered to Canyon Crest was added to Oceano's water usage this month and 1.96 AF was subtracted from Arroyo Grande's usage this month.
- OCSD revised their annual State Water Delivery Request on September 10th from 150 AF to 60 AF.

Flood Control Zone 3

Proposed Budget



For
Fiscal Year

2021-22



FLOOD CONTROL ZONE 3 2021-22 PROPOSED BUDGET

TABLE OF CONTENTS

	Page Numbers
1. Letter of Transmittal	i
2. Funding Sources for Budget for Fiscal Year 2021-22.....	1
3. Funding Sources for Budget for Fiscal Year 2020-21.....	2
4. Funding Sources for Budget for FY 2021-22 vs. 2020-21.....	3
5. Billing Analysis Summary.....	4
6. Billing Analysis for Fiscal Year 2021-22.....	5
7. Billing Analysis for Fiscal Year 2020-21.....	6
8. Billing Analysis for Fiscal Year 2021-22 vs. 2020-21.....	7
9. Flood Control Zone 3 Reserves, Projected at 6/30/22.....	8
10. Flood Control Zone 3 Reserves, Projected at 6/30/21.....	9
11. Flood Control Zone 3 Reserves, FY 2021-22 Changes.....	10
12. Flood Control Zone 3 Consolidation of Funds.....	11
13. Billing For Agency Debt Service.....	12
14. Estimated Billing Summary - FY 2020-21 & 2021-22.....	13
15. Cost per Acre Foot for Fiscal Year 2021-22.....	14
16. Capital Outlay and Special Projects for FY 2021-22.....	15



January 21, 2021

MEMORANDUM

TO: Flood Control Zone 3 Advisory Committee

FROM: Lynette O’Neil, San Luis Obispo County Public Works Finance Manager

SUBJECT: Flood Control Zone 3 - Proposed Budget FY 2021-22

The 2021-22 Flood Control Zone 3 Proposed Budget has been prepared by the County Department of Public Works for your review. The proposed budget documents will be submitted to the Zone 3 Advisory Committee members at the January 21, 2021 meeting. The proposed budget will also be mailed to the contracting agencies’ Finance Directors and Technical Advisory Committee (TAC) members and City/General Managers. An in-depth review with agency Finance Staff and Technical Staff will be held before final review by the Zone 3 Advisory Committee, scheduled for **March 18, 2021**.

A summary of changes from the 2020-21 budget to the proposed 2021-22 budget is as follows:

Description	2020-21 Budget	2021-22 Budget	Dollar Change	Percentage Change
Operations & Maintenance				
Billable Routine	4,113,379	4,357,737	244,358	5.9%
Billable Non-Routine *	433,525	285,000	(148,525)	(34.3%)
Total O&M	4,546,904	4,642,737	95,833	2.1%
Billable Capital Outlay/Reserves *	318,823	465,000	146,177	45.8%
Billable Debt Service	2,313,015	2,289,878	(23,137)	(1.0%)
Total Contractor Billings	\$7,178,742	\$7,397,615	\$218,873	3.0%

* Non-Routine O&M & Capital	752,348	750,000	(2,348)	(0.3%)
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Variance Discussion:

The overall contractor billings will increase by 3.0% for FY 2021-22. Overall operations and maintenance billings have increased approximately 2.1%. Various schedules are provided within this document that will allow the reader to determine details related to the changes between the 2021-22 proposed budget and the 2020-21 current budget. On a bottom-line basis, total billings to agencies are approximately \$219,000 more than the current year and \$98,000 more than the five-year billing estimate.

The following further explains the major reasons for the changes.

Billable Routine O&M Expenditures - (Increase of 5.9%)

The net increase in Routine O&M is due to new increases across several line items that exceed the decreases in several other line items. Increases include approximately \$230,000 to better align the treatment plant's chemical and energy budget with actual costs. The budget has also been increased by approximately \$80,000 due to an increase in Utilities Engineer's hours in anticipation of preliminary engineering work that will be needed for spillway repairs and an upcoming large project at the Terminal Reservoir (whether it is decommissioning of the reservoir or seismic retrofitting of the dam). Decreases include: reduced labor hours at the treatment plant to better align with actual labor hours; a reduction in contract change support since we anticipate completing that effort early in 2021/22; and reduction of the Urban Water Management Plan, since it is only required every 5 years.

Billable Non-Routine O&M and Capital Outlay/Reserves - (Decrease of 0.3%)

Non-Routine O&M items are for special projects and studies, as well as major maintenance efforts that run from one to three years. Capital expenditures are "pay-as-you-go" and are not generally funded through use of Flood Control Zone 3 reserves and/or other sources of funding such as grants or loans.

The Technical Advisory Committee (TAC) reviews and prioritizes the Non-Routine O&M projects in conjunction with the Capital projects when developing the 5-Year Capital Outlay Plan. This year's projects have been reviewed and approved by the TAC prior to being included in this proposed budget. The minimal change is due to the TAC maintaining their billable target of \$750,000. Of note, the \$500,000 budgeted for the geotechnical testing and study of the Terminal Reservoir Dam is being funded by the Operating Reserves. Those reserves have grown enough over the last several years to provide this funding while maintaining the desired minimum described on the next page.

Details of each of these projects may be found on page 15.

Billable Debt Service - (Decrease of 1.0%)

The debt service costs should remain at this level until the bonds are paid off in the year 2030 or until refinanced. Minor fluctuations in billable amounts are due to fluctuating tax estimates that are collected and dedicated toward debt service.

Reserve Policies (see pages 8-10 for projected reserve levels)

DISTRICT FUNDED RESERVES:

The balances within these reserves are derived from pre-2000 property tax revenues, and annual interest earnings and rents.

1976 – 2000: A portion of the 1% property tax established by Proposition 13 was annually apportioned to the Flood Control District. Of those Flood Control District’s funds, a portion was further segregated annually into Zone 3, although the funds are not legally restricted to use within Zone 3.

2000: Pursuant to the Zone 3 Water Contracts, the above-mentioned funds annually segregated into Zone 3 were contractually restricted to paying debt service on the Lopez Dam seismic remediation project. Therefore, funds existing in Zone 3 District Reserves since 2000 are essentially a “draw down” account utilized towards Zone 3 projects and efforts, though not legally restricted to use within Zone 3.

Operating Reserves - the District will strive to maintain an operating reserve at a minimum of 50% of routine operations and maintenance expenditures.

Designated Reserves - Reserves collected and set aside for significant scheduled maintenance and capital costs will be separately identified as part of the annual proposed budget and will be incorporated in the annual final budget only after review by the Zone 3 Advisory Committee.

The Zone 3 Advisory Committee has recommended utilizing the District Funded Designated Reserves toward the efforts shown in the following chart. Specific requests by the Advisory Committee require approval by the San Luis Obispo County Board of Supervisors either via the annual budget process or mid-year requests prior to their use.

Estimated Available Balance	District Funded Designated Reserves Utilization Plan
\$50,000	HCP Planning & Resulting Projects (established in FY 11/12)
\$350,000	Cloud Seeding
\$50,000	Feasibility Study to Decommission Terminal Reservoir
\$158,805	Public safety related to water quality and quantity purposes
\$608,805	TOTAL District Funded Designated Reserves Projected at 6/30/22

CONTRACTOR FUNDED RESERVES:

These reserves are funded by contributions from individual contractors or other participants of the District project. Additions to these reserves will be made via annual billings based on approved budgeted amounts. Any distributions of these reserves will be based on actual requirements. These reserves will be accounted for separately by contributor. The annual budget process will provide a statement of reserve activity. A portion of the costs of significant scheduled maintenance items or capital items, as identified in the long-range capital improvement plan, may be set aside in each annual budget of the District. Additionally, each agency may opt to establish reserves to be used to stabilize billings from year to year. Said reserves will be separately identified and will be incorporated in the annual final budget only after review by the Zone 3 Advisory Committee.

DEBT RESERVES:

Debt reserves are contractually mandated and are not addressed as part of this policy.

**Flood Control Zone 3
Funding Sources for Budget
For Fiscal Year 2021-22**

	A	B	C	D	E	F	G	H	I	J	K
1	Expenditure Type	Amount	Contractor Bills	FCZ 3 Reserves	FCZ3 Property Tax (portion of 1% Prop 13)	G.O. Tax Collection: Unincorp Areas	G.O. Tax Collection: Contracting Agencies	Interest Earnings	Rents	Other - Reimbursable	Total
2	Debt Service	\$ 3,484,463	\$2,289,879	\$ -	\$ 358,059	\$ 38,405	\$ 798,120	\$ -	\$ -	\$ -	\$3,484,463
3	O & M - Routine	4,357,737	4,357,737	-	-	-	-	-	-	-	4,357,737
4	O & M - Non-Routine	785,000	285,000	500,000	-	-	-	-	-	-	785,000
5	Capital Outlay	465,000	465,000	-	-	-	-	-	-	-	465,000
6	Sub Total	9,092,200	7,397,616	500,000	358,059	38,405	798,120	-	-	-	9,092,200
7	Available for Reserves	118,400	-	-	-	-	-	110,000	8,400	-	118,400
8	Grand Total	\$ 9,210,600	\$ 7,397,616	\$ 500,000	\$ 358,059	\$ 38,405	\$ 798,120	\$ 110,000	\$ 8,400	\$ -	\$ 9,210,600

**Flood Control Zone 3
Funding Sources for Budget
For Fiscal Year 2020-21**

	A	B	C	D	E	F	G	H	I	J	K
1	Expenditure Type	Amount	Contractor Bills	FCZ 3 Reserves	FCZ3 Property Tax (portion of 1% Prop 13)	G.O. Tax Collection: Unincorp Areas	G.O. Tax Collection: Contracting Agencies	Interest Earnings	Rents	Other - Reimbursable	Total
2	Debt Service	\$ 3,483,776	\$ 2,313,014	\$ -	\$ 334,361	\$ 38,433	\$ 797,967	\$ -	\$ -	\$ -	\$ 3,483,775
3	O & M - Routine	4,113,379	4,113,379	-	-	-	-	-	-	-	4,113,379
4	O & M - Non-Routine	433,525	433,525	-	-	-	-	-	-	-	433,525
5	Capital Outlay	318,823	318,823	-	-	-	-	-	-	-	318,823
6	Sub Total	8,349,503	7,178,742	-	334,361	38,433	797,967	-	-	-	8,349,503
7	Available for Reserves	136,300	-	-	-	-	-	128,000	8,300	-	136,300
8	Grand Total	\$ 8,485,803	\$ 7,178,742	\$ -	\$ 334,361	\$ 38,433	\$ 797,967	\$ 128,000	\$ 8,300	\$ -	\$ 8,485,803

Flood Control Zone 3
Funding Sources for Budget
For Fiscal Year 2021-22 vs. 2020-21

	A	B	C	D	E	F	G	H	I	J	K
1	Expenditure Type	Amount	Contractor Bills	FCZ 3 Reserves	FCZ3 Property Tax (portion of 1% Prop 13)	G.O. Tax Collection: Unincorp Areas	G.O. Tax Collection: Contracting Agencies	Interest Earnings	Rents	Other - Reimbursable	Total
2	Debt Service	\$ 687	\$ (23,135)	\$ -	23,698	\$ (28)	\$ 153	\$ -	\$ -	\$ -	\$ 687
3	O & M - Routine	244,358	244,358	-	-	-	-	-	-	-	244,358
4	O & M - Non-Routine	351,475	(148,525)	500,000	-	-	-	-	-	-	351,475
5	Capital Outlay	146,177	146,177	-	-	-	-	-	-	-	146,177
6	Sub Total	742,697	218,875	500,000	23,698	(28)	153	-	-	-	742,697
7	Available for Reserves	(17,900)	-	-	-	-	-	(18,000)	100	-	(17,900)
8	Grand Total	\$ 724,797	\$ 218,875	\$ 500,000	\$ 23,698	\$ (28)	\$ 153	\$ (18,000)	\$ 100	\$ -	\$ 724,797

Flood Control Zone 3

Summary of Proposed and Prior Year Budgets

Fiscal Years 2021-22 and 2020-21

A	B	C	D	E	F	G	H	I							
		Proposed Budget 2021-22													
		Arroyo Grande	Grover Beach	Pismo Beach	CSA 12	Oceano CSD	Other	Total Agency Budgets							
1		\$	1,265,885	\$	383,231	\$	295,254	\$	194,354	\$	151,155	\$	-	\$	2,289,878
2			2,095,089		745,559		783,562		387,576		305,820		40,130		4,357,737
3	Debt Service														
4	Operations and Maintenance														
5	Non Routine Operations and Maintenance		144,073		50,331		50,331		21,202		19,063		-		285,000
6	Capital Outlay		235,066		82,119		82,119		34,593		31,103		-		465,000
7															
8	Total	\$	3,740,113	\$	1,261,241	\$	1,211,266	\$	637,725	\$	507,141	\$	40,130	\$	7,397,615

Prior Fiscal Year 2020-21

A	B	C	D	E	F	G	H	I							
		Proposed Budget Vs Prior Fiscal Year													
		Arroyo Grande	Grover Beach	Pismo Beach	CSA 12	Oceano CSD	Other	Total Agency Budgets							
9		\$	1,280,118	\$	387,857	\$	295,254	\$	196,943	\$	152,843	\$	-	\$	2,313,014
10			1,978,174		703,551		742,163		365,774		290,832		32,885		4,113,379
11	Debt Service														
12	Operations and Maintenance														
13	Non Routine Operations and Maintenance		219,155		76,561		76,561		32,251		28,997		-		433,525
14	Capital Outlay		161,171		56,304		56,304		23,718		21,325		-		318,823
15															
16	Total	\$	3,638,618	\$	1,224,273	\$	1,170,282	\$	618,686	\$	493,997	\$	32,885	\$	7,178,742

Proposed Budget Vs Prior Fiscal Year

A	B	C	D	E	F	G	H	I							
		Proposed Budget Vs Prior Fiscal Year													
		Arroyo Grande	Grover Beach	Pismo Beach	CSA 12	Oceano CSD	Other	Total Agency Budgets							
17		\$	(14,233)	\$	(4,626)	\$	(0)	\$	(2,589)	\$	(1,688)	\$	-	\$	(23,136)
18			116,915		42,008		41,399		21,802		14,988		7,245		244,358
19	Debt Service														
20	Operations and Maintenance														
21	Non Routine Operations and Maintenance		(75,082)		(26,230)		(26,230)		(11,049)		(9,934)		-		(148,525)
22	Capital Outlay		73,895		25,815		25,815		10,875		9,777		-		146,177
23															
24	Total	\$	101,494	\$	36,968	\$	40,984	\$	19,039	\$	13,143	\$	7,245	\$	218,873

Flood Control Zone 3 Comparative Billing Analysis for 2021-22 Proposed vs. 2020-21 Final Budgets

1/7/2021																		
	A	B	C	D	E	F	G	H	I	J	K	L	M	N	P	Q	R	S
			Dist. Method	Arroyo Grande	Grover Beach	Pismo Beach	CSA 12	Oceano CSD	FC Zone 3 District Reserves	Avila Beach CSD	Avila Mutual Water	San Miguelito Water	SL Coastal Unifed	FCZ3 Property Tax (portion of 1% Prop 13)	G.O. Tax Collection: Unincorp Areas	G.O. Tax Collection: Contracting Agencies	Other: Reimbursable	TOTAL
1																		
2	4530 ACRE FEET			2,290	800	800	337	303										4,530
3	Percentage based on Acre Feet Entitlement		A	50.55%	17.66%	17.66%	7.44%	6.69%										100.00%
4	Percentage used for Unit C		E		41.30%		41.30%											100.00%
5	Percentage used for Unit E		F			70.36%	29.64%											100.00%
6	Percentage used for Unit F		G			54.27%	45.73%											100.00%
7	DEBT SERVICE																	
8	BONDS:																	
9	BOND INTEREST	(52,625)		(18,679)	(4,593)	0	(3,200)	0	0	0	0	0	0	(865)	(1,175)	(24,093)	0	(52,625)
10	BOND PRINCIPAL	55,000		4,446	(33)	0	611	0	0	0	0	0	0	24,583	1,147	24,246	0	55,000
11	ADMIN FEE	0		0	0	(0)	0	0	0	0	0	0	0	0	0	(0)	0	0
12	OCSD LOAN	(1,688)		0	0	0	0	(1,688)	0	0	0	0	0	0	0	0	0	(1,688)
13	STATE REVOLVING FUND LOAN:																	
14	LOAN INTEREST	(34,117)	A	(17,246)	(6,025)	(6,025)	(2,538)	(2,282)	0	0	0	0	0	0	0	0	0	(34,117)
15	LOAN PRINCIPAL	34,117	A	17,246	6,025	6,025	2,538	2,282	0	0	0	0	0	0	0	0	0	34,117
16	RESERVE REQUIREMENTS	0	A	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17	TOTAL DEBT SERVICE	\$687		(\$14,233)	(\$4,626)	(\$0)	(\$2,589)	(\$1,688)	\$0	\$0	\$0	\$0	\$0	\$23,698	(\$28)	\$153	\$0	\$687
	OPERATIONS AND MAINTENANCE																	
	Routine																	
18	UNIT A - MAIN DAM	36,811	A	18,609	6,501	6,501	2,738	2,462	0	0	0	0	0	0	0	0	0	36,811
19	TERMINAL DAM	11,696	A	5,913	2,066	2,066	870	782	0	0	0	0	0	0	0	0	0	11,696
20	WATER TREATMENT	184,396	A	93,216	32,564	32,564	13,718	12,334	0	0	0	0	0	0	0	0	0	184,396
21	UNIT B	636	A	322	112	112	47	43	0	0	0	0	0	0	0	0	0	636
22	UNIT B, Part 2 (with state water)	4,052	A	2,048	716	716	301	271	0	0	0	0	0	0	0	0	0	4,052
23	ARROYO GRANDE METER STATION	(1,212)		(1,212)	0	0	0	0	0	0	0	0	0	0	0	0	0	(1,212)
24	UNIT C	2,451	E	0	1,012	1,012	426	0	0	0	0	0	0	0	0	0	0	2,451
25	UNIT D	14,064		0	0	0	0	14,064	0	0	0	0	0	0	0	0	0	14,064
26	GROVER BEACH METER STATION	(271)		0	(271)	0	0	0	0	0	0	0	0	0	0	0	0	(271)
27	OCEANO METER VAULT	(621)		0	0	0	0	(621)	0	0	0	0	0	0	0	0	0	(621)
28	UNIT E	3,941	F	0	0	2,773	1,168	0	0	0	0	0	0	0	0	0	0	3,941
29	PISMO BEACH METER STATION	(205)		0	0	(205)	0	0	0	0	0	0	0	0	0	0	0	(205)
30	UNIT F	2,872	G	0	0	1,559	1,313	0	0	0	0	0	0	0	0	0	0	2,872
31	UNIT G	1,170		0	0	0	1,170	0	0	0	0	0	0	0	0	0	0	1,170
32	UNIT H	336		0	0	0	336	0	0	0	0	0	0	0	0	0	0	336
33	UNIT I	1,259		0	0	0	1,259	0	0	0	0	0	0	0	0	0	0	1,259
34	UNIT J	541		0	0	0	541	0	0	0	0	0	0	0	0	0	0	541
35	AVILA & PORT METER STATION	(1,796)		0	0	0	(1,796)	0	0	0	0	0	0	0	0	0	0	(1,796)
36	SAN MIGUELITO LAB CHARGES	130		0	0	0	0	0	0	0	0	130	0	0	0	0	0	130
37	SAN MIGUELITO METER STATION	1,427		0	0	0	0	0	0	0	0	1,427	0	0	0	0	0	1,427
38	STAFF TIME FOR CONTRACT CHANGE MODELING	(30,067)	A	(15,210)	(5,313)	(5,313)	(2,238)	(2,012)	0	0	0	0	0	0	0	0	0	(30,067)
39	LOW RESERVOIR RESPONSE PLAN REVISIONS	0	A	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
40	ANNUAL PERMITS	1,808	A	914	319	319	135	121	0	0	0	0	0	0	0	0	0	1,808
41	FCZ3 SCADA EFFORTS O&M	(16,087)	A	(8,132)	(2,841)	(2,841)	(1,197)	(1,076)	0	0	0	0	0	0	0	0	0	(16,087)
42	GENERAL	(14,990)	A	(7,578)	(2,647)	(2,647)	(1,115)	(1,003)	0	0	0	0	0	0	0	0	0	(14,990)
43	TWO EFFORTS SPECIAL PROJECT	0	A	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
44	COUNTYWIDE OVERHEAD	24,190	A	12,228	4,272	4,272	1,800	1,618	0	0	0	0	0	0	0	0	0	24,190
45	ISF SHARED EQUIPMENT CONTRIBUTION	19,538	A	9,877	3,450	3,450	1,453	1,307	0	0	0	0	0	0	0	0	0	19,538
46	SB2557 EXPENDITURES	(128)	A	(65)	(23)	(23)	(10)	(9)	0	0	0	0	0	0	0	0	0	(128)
47	UTILITIES DIVISION	79,175	A	40,024	13,982	13,982	5,890	5,296	0	0	0	0	0	0	0	0	0	79,175
48	ACCOUNTING & ADMINISTRATION	7,568	A	3,826	1,337	1,337	563	506	0	0	0	0	0	0	0	0	0	7,568
49	ADVISORY GROUP MEETINGS	(7,390)	A	(3,736)	(1,305)	(1,305)	(550)	(494)	0	0	0	0	0	0	0	0	0	(7,390)
50	RESIDENCES MAINTENANCE	(26)	A	(13)	(5)	(5)	(2)	(2)	0	0	0	0	0	0	0	0	0	(26)
51	PLANT UPGRADE REVIEW	(26,938)	A	(13,618)	(4,757)	(4,757)	(2,004)	(1,802)	0	0	0	0	0	0	0	0	0	(26,938)
52	URBAN WATER MANAGEMENT PLAN	(36,299)	A	(18,350)	(6,410)	(6,410)	(2,700)	(2,428)	0	0	0	0	0	0	0	0	0	(36,299)
53	ENVIRONMENTAL MONITORING	179	A	90	32	32	13	12	0	0	0	0	0	0	0	0	0	179
54	ANNEXATIONS INTO ZONE 3 / BOUNDARY CORRECTIONS	8,203	A	4,147	1,449	1,449	610	549	0	0	0	0	0	0	0	0	0	8,203
55	QUAGGA MUSSEL MONITORING	(29,283)	A	(14,803)	(5,171)	(5,171)	(2,178)	(1,959)	0	0	0	0	0	0	0	0	0	(29,283)
56	ELECTRICAL EQUIP ANALYSIS (TEGG)	13,000	A	6,572	2,296	2,296	967	870	0	0	0	0	0	0	0	0	0	13,000
57	STREAM GAGES	(4,350)	A	(2,199)	(768)	(768)	(324)	(291)	0	0	0	0	0	0	0	0	0	(4,350)
58	EQUIPMENT MAINTENANCE	8,000		4,044	1,413	1,413	595	535	0	0	0	0	0	0	0	0	0	8,000
59	WORK PERFORMED UNDER REIMBURSEMENT AGREEMENTS	0		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
60	Adjust for State Water Wheeling	(13,402)		0	0	(5,007)	0	(14,084)	0	3,677	297	1,633	82	0	0	0	0	(13,402)
61	TOTAL ROUTINE O & M	\$244,358		\$116,915	\$42,008	\$41,399	\$21,802	\$14,988	\$0	\$3,677	\$297	\$3,190	\$82	\$0	\$0	\$0	\$0	\$244,358
	Non Routine																	
62	EQUIPMENT AUDIT/REPLACEMENT PLAN	0	A	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
63	RISK ASSESSMENT OF LEFT ABUTMENT/FAULTY ZONE ISSUE	0	A	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
64	LOPEZ WATER RIGHTS/HCP - INSTREAM STUDIES OF AG CREEK	(30,425)	A	(15,381)	(5,373)	(5,373)	(2,263)	(2,035)	0	0	0	0	0	0	0	0	0	(30,425)
65	CLOUD SEEDING PROGRAM	(65,000)	A	(32,859)	(11,479)	(11,479)	(4,836)	(4,348)	0	0	0	0	0	0	0	0	0	(65,000)
66	GEOTECHNICAL TESTING/SEISMIC ALTERNATIVES STUDY TERM DAM	500,000		0	0	0	0	0	500,000	0	0	0	0	0	0	0	0	500,000
67	REPLACE OBSOLETE HACH TURBIDIMETERS	(53,100)	A	(26,843)	(9,377)	(9,377)	(3,950)	(3,552)	0	0	0	0	0	0	0	0	0	(53,100)
68	TOTAL NON-ROUTINE O & M	\$351,475		(\$75,082)	(\$26,230)	(\$26,230)	(\$11,049)	(\$9,934)	\$500,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$351,475
	Capital Outlay / Reserves																	
69	UNANTICIPATED EQUIPMENT REPLACEMENT (ANNUAL)	(55,000)	A	(27,804)	(9,713)	(9,713)	(4,092)	(3,679)	0	0	0	0	0	0	0	0	0	(55,000)
70	FIREFLOW TANK REPAIR/REPLACEMENT	200,000	A	101,104	35,320	35,320	14,879	13,377	0	0	0	0	0	0	0	0	0	200,000
71	MEMBRANE FILTER MODULES (2 RACKS/YR)	265,000	A	133,962	46,799	46,799	19,714	17,725	0	0	0	0	0	0	0	0	0	265,000
72	UPGRADE EQ PUMP	(17,623)	A	(8,909)	(3,112)	(3,112)	(1,179)	(1,079)</										

Flood Control Zone 3 Reserves Projected at 6/30/22

	A	B	C	D	E	F	G	H
1	Reserve Type	Arroyo Grande	Grover Beach	Pismo Beach	CSA 12	Oceano CSD	FC Zone 3	Total
2	District Funded							
3	Operating	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 2,193,255	\$ 2,193,255
4	Designated	-	-	-	-	-	608,805	608,805
5	Contractor Funded							
6	Scheduled Maintenance	-	-	-	-	-	-	-
7	Capital	143,062	49,978	49,978	21,054	18,928	-	283,000
8	Billing Stabilization	-	-	-	-	-	-	-
9	Total	\$ 143,062	\$ 49,978	\$ 49,978	\$ 21,054	\$ 18,928	\$ 2,802,060	\$ 3,085,060

Flood Control Zone 3 Reserves Projected at 6/30/21

	A	B	C	D	E	F	G	H
1	Reserve Type	Arroyo Grande	Grover Beach	Pismo Beach	CSA 12	Oceano CSD	FC Zone 3	Total
2	District Funded							
3	Operating	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 2,574,855	\$ 2,574,855
4	Designated	-	-	-	-	-	608,805	608,805
5	Contractor Funded							
6	Scheduled Maintenance	-	-	-	-	-	-	-
7	Capital	143,062	49,978	49,978	21,054	18,928	-	283,000
8	Billing Stabilization	-	-	-	-	-	-	-
9	Total	\$ 143,062	\$ 49,978	\$ 49,978	\$ 21,054	\$ 18,928	\$ 3,183,660	\$ 3,466,660

**Flood Control Zone 3
Reserves
2021-22 Changes**

	A	B	C	D	E	F	G	H
1	Reserve Type	Arroyo Grande	Grover Beach	Pismo Beach	CSA 12	Oceano CSD	FC Zone 3	Total
2	District Funded							
3	Operating	\$ -	\$ -	\$ -	\$ -	\$ -	\$ (381,600)	\$ (381,600)
4	Designated	-	-	-	-	-	-	-
5	Contractor Funded							
6	Scheduled Maintenance	-	-	-	-	-	-	-
7	Capital	-	-	-	-	-	-	-
8	Billing Stabilization	-	-	-	-	-	-	-
9	Total	\$ -	\$ -	\$ -	\$ -	\$ -	\$ (381,600)	\$ (381,600)

Flood Control Zone 3 Fund Consolidation Fiscal Year 2021-22

	A Fund	B FCZ3 Operating	C State Revolving Fund Loan	D Lopez Dam COP Bonds	E Lopez Dam GO Bonds	F Total
1		2200500000	2200507000	2200505000	2200506000	
2	Projected Balance @ 7/1/21	\$ 3,466,660	\$ 1,797,171	\$ 56,313	\$ 2,544,195	\$ 7,864,338
3	Inflows					
4	Revenues	7,912,480	-	933,950	836,525	9,682,955
5	Transfers In	-	1,671,883	-	-	1,671,883
6	Outflows					
7	Expenditures	(8,294,080)	(1,671,883)	(933,950)	(836,525)	(11,736,438)
8	Transfers Out	-	-	-	-	-
9	Projected Balance @ 6/30/22	\$ 3,085,060	\$ 1,797,171	\$ 56,313	\$ 2,544,195	\$ 7,482,738

FLOOD CONTROL ZONE 3
2021-22 Billing for Agency Debt Service

	A	B	C	D	E	F	G	H	I	J
		Arroyo Grande	Pismo Beach	Grover Beach	OCSD	CSA 12	G.O. Tax Collection: Unincorp Areas	FCZ3 Property Tax (portion of 1% Prop 13)	G.O. Tax Collection: Contracting Agencies	TOTAL
1	Bond Debt Service									
2	G.O. Debt Service	\$ 292,272	\$ 249,168	\$ 161,192	\$ 60,548	\$ 34,941	\$ 38,405	\$ -	\$ -	\$ 836,525
3	Installment Debt Service	419,232	(530)	87,447	-	69,743	-	358,059	-	933,950
4	Credit For G.O. Collections	(292,272)	(249,168)	(161,192)	(60,548)	(34,941)	(38,405)	-	-	(836,525)
5	Admin Fee	1,517	530	530	201	223	-	-	-	3,000
6	Subtotal	420,748	(0)	87,977	201	69,966	-	358,059	-	936,950
7	District Loan to Oceano									
8	Oceano Community Services District Loan	-	-	-	39,105	-	-	-	-	39,105
9	Subtotal	-	-	-	39,105	-	-	-	-	39,105
10	State Revolving Fund Loan									
11	State Revolving Fund Loan	845,137	295,254	295,254	111,849	124,388	-	-	-	1,671,883
12	State Revolving Fund Loan - Reserve Requirements	-	-	-	-	-	-	-	-	-
13	Subtotal	845,137	295,254	295,254	111,849	124,388	-	-	-	1,671,883
14	Total Billable Agency Debt Service	\$ 1,265,885	\$ 295,254	\$ 383,231	\$ 151,155	\$ 194,354	\$ -	\$ 358,059	\$ -	\$ 2,647,938

ESTIMATED BILLING SUMMARY for 2020-21 & 2021-22

Showing Estimated Total Billing for: FCZ 3
State Water Wheeling
CSA 12

Contracting Agency	20-21 Zone 3 Billing	20-21 State Water Wheeling	20-21 Final Budget	20-21 CSA 12 Billing	20-21 Total	21-22 Zone 3 Billing	21-22 State Water Wheeling	21-22 Proposed Budget	21-22 CSA 12 Billing	21-22 Total
1 Arroyo Grande	\$ 3,638,618	\$ -	\$ 3,638,618		\$ 3,638,618	\$ 3,740,113	\$ -	\$ 3,740,113		\$ 3,740,113
2 Pismo Beach	1,144,378	25,904	1,170,282	168,278	1,338,561	1,190,369	20,897	1,211,266	171,442	1,382,708
3 Grover Beach	1,224,273	-	1,224,273		1,224,273	1,261,241	-	1,261,241		1,261,241
4 Oceano	479,913	14,084	493,997		493,997	507,141	-	507,141		507,141
5 CSA 12	618,686	-	618,686		618,686	637,725	-	637,725		637,725
6 ABCSD	-	3,851	3,851	102,990	106,842	-	7,528	7,528	100,112	107,640
7 Avila MWC	-	2,779	2,779	21,160	23,938	-	3,076	3,076	21,554	24,629
8 San Miguelito Water Co	14,420	11,272	25,692		25,692	15,976	12,905	28,881		28,881
9 SLO Coastal USD	-	564	564	8,816	9,379	-	645	645	8,981	9,626
10 FCZ 3	-	-	-		-	500,000	-	500,000		500,000
11 San Miguelito Partners	1,170,761		1,170,761	282,305	1,453,066	1,194,584		1,194,584	302,669	1,497,253
12 Other	8,291,049	58,454	8,349,503	590,866	8,940,369	9,047,149	45,051	9,092,200	612,212	9,704,412
13 Total:										

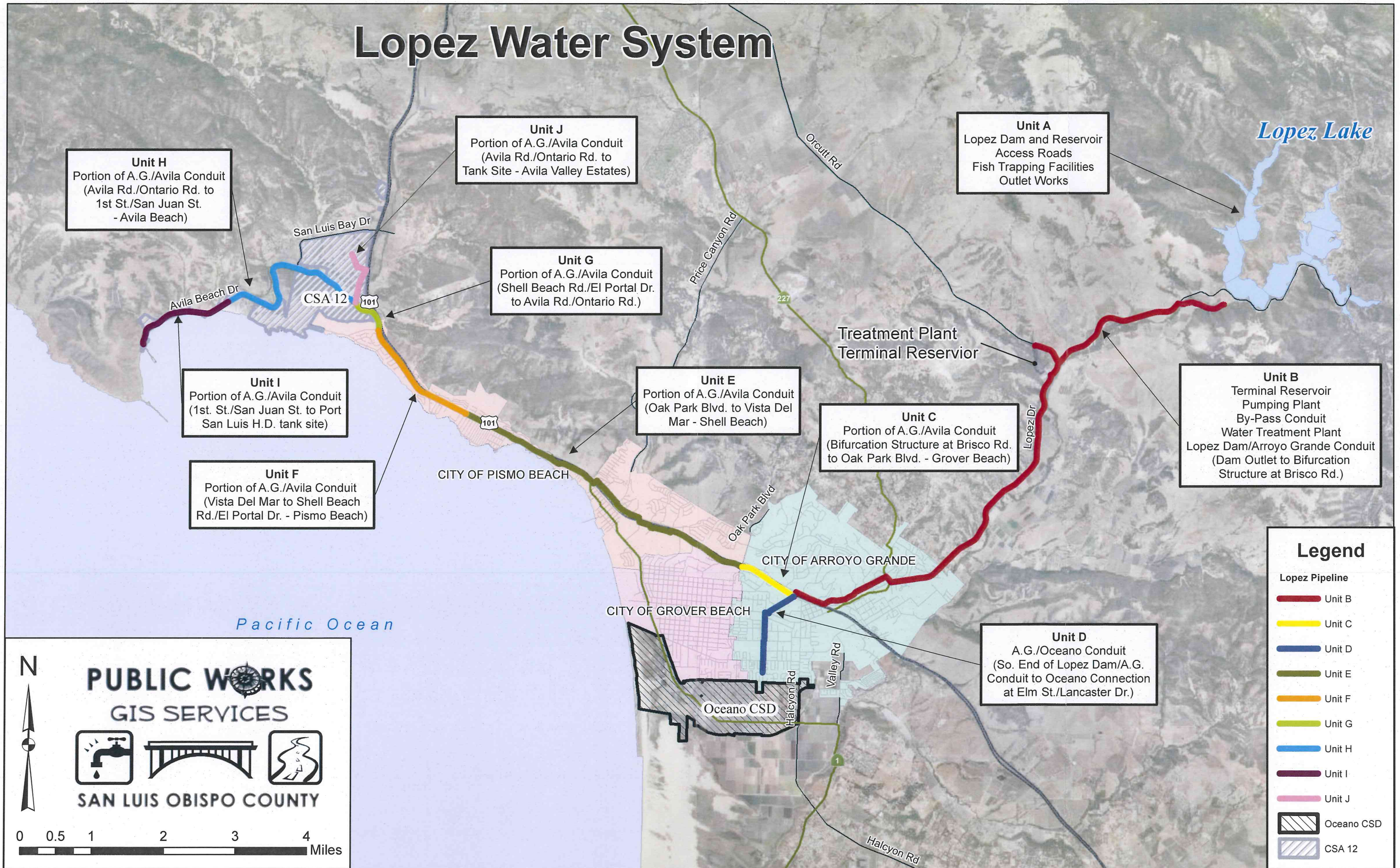
Flood Control Zone 3 Cost Per Acre Foot For Fiscal Year 2021-22

	Arroyo Grande	Grover Beach	Pismo Beach	CSA 12	Oceano CSD	Total Agency Budgets
1						
2						
3	\$ 420,748	\$ 87,977	\$ 0	\$ 69,966	\$ 201	\$ 578,891
4	845,137	295,254	295,254	124,388	111,849	1,671,883
5	-	-	-	-	39,105	39,105
6	2,095,089	745,559	783,562	387,576	305,820	4,357,737
7	144,073	50,331	50,331	21,202	19,063	285,000
8	235,066	82,119	82,119	34,593	31,103	465,000
9						
10	\$ 3,740,113	\$ 1,261,241	\$ 1,211,266	\$ 637,725	\$ 507,141	\$ 7,397,615
11	FCZ 3 -Number of Acre Feet	800	800	337	303	4,530
12	Cost per FCZ 3 AF	\$ 1,633	\$ 1,577	\$ 1,514	\$ 1,892	\$ 1,674
13	CSA 12 Costs		\$ 171,442			
14	CSA 12 -Number of Acre Feet		92			
15	Cost per CSA 12 AF		\$ 1,864			
16	Breakdown of Cost per Acre Foot (For FCZ3 Only):	50.55%	17.66%	7.44%	6.69%	100.00%
17	Lopez Dam Bonds and Admin Fees	\$ 184	\$ 110	\$ 0	\$ 208	\$ 1
18	SRF Loan - Water Treatment Upgrade	369	369	369	369	369
19	OCSD Loan	-	-	-	-	129
20	Operations and Maintenance	915	932	979	1,150	1,009
21	Non Routine Operations and Maintenance	63	63	63	63	63
22	Capital Outlay	103	103	103	103	103
23	Total Cost per Acre Foot	\$ 1,633	\$ 1,577	\$ 1,514	\$ 1,892	\$ 1,674

**ZONE 3 BUDGET FOR FISCAL YEAR 2021-22
NON-ROUTINE PROJECTS AND CAPITAL REQUESTS**

Requested Item	Reason for Request
Cloud Seeding Program - \$285,000	A cloud seeding program began in the winter season 2019-2020. For Year 3 (2021-2022), utilizing land-based sites instead of air seeding will reduce the costs of the program. Sites include a newly leased location in Arroyo Grande, and a shared site with Santa Barbara County.
Geotechnical Testing/Seismic Alternatives Study of Terminal Reservoir Dam - \$500,000 (Paid with Reserves)	<p>A non-invasive structural assessment of the Terminal Reservoir Dam concluded that additional invasive testing (ie. coring) is needed to provide a better idea of the condition of the dam and its need for seismic remediation. Once this is determined, a decision can be made whether to proceed with seismic remediation of the Terminal Reservoir Dam or decommissioning of the Terminal Reservoir.</p> <p>Over the last several years, the Operating Reserves account has accumulated enough additional funds to pay for this testing while maintaining the minimum threshold. This will prevent the Zone 3 Agencies from being billed for this effort.</p>
Unanticipated Equipment Replacement during Fiscal Year - N/A	<p>For unanticipated purchases of equipment that fail during the fiscal year. Including this line item in the budget allows for immediate purchase of critical equipment (capital asset) that unexpectedly fails during the fiscal year.</p> <p>Historically, we have not needed to utilize this budget. Therefore, the Technical Advisory Committee recommended not including the annual \$55,000 for FY 21/22.</p>
Fireflow Tank Repair/Replacement - \$200,000	There are two options for the Fireflow Tank at the Treatment Plant: rehabilitation/new coating could cost \$400K-\$600K, or a new tank could cost \$700K-\$800K. Utilities staff recommends budgeting \$200K/yr over the next four years to build sufficient funds for either option. At that time, the tank will be re-evaluated.
Membrane Filter Modules (2 Racks/Yr) - \$265,000	Currently there are six racks of filter modules (64 modules/rack) at the Treatment Plant. The filters have an approximate life span of 10-20 years. The original filters were installed in 2007 as part of the Plant Upgrade. Staff recommends replacing two racks each year over the next three years.
Agency Funded Reserves for Future Equip/Capital Replacement - N/A	<p>Contributions toward the Agency Funded Reserves accumulate for the purpose of funding replacement of equipment and capital outlays at the Treatment Plant. Recommended use of these reserves are determined by the plant system audit replacement schedule, for which annual funding is insufficient, and are coordinated with the Technical Advisory Committee and the Advisory Committee prior to inclusion in the budget.</p> <p>For FY 21/22, the Technical Advisory Committee did not recommend placing any amount into their reserves.</p>
TOTAL REQUESTS: \$1,250,000 (\$750,000 to be billed to Agencies)	

Lopez Water System



Legend

- Lopez Pipeline**
- Unit B
 - Unit C
 - Unit D
 - Unit E
 - Unit F
 - Unit G
 - Unit H
 - Unit I
 - Unit J
- Other Features:**
- Oceano CSD
 - CSA 12

PUBLIC WORKS GIS SERVICES

SAN LUIS OBISPO COUNTY

0 0.5 1 2 3 4 Miles



Zone 3
Use of District Funded Designated Reserves since 2016
and TAC's Recommended Use

Recommended Uses (Since FY 16/17)	Actual Amounts	Available Balance (as of 1/13/21)	District Funded Designated Reserves Utilization Plan
\$50,000	-	\$50,000	HCP Planning & Resulting Projects (established in FY 11/12)
\$30,000	\$27,470		Carpenter Creek Bridge
	(\$2,530)	\$0	savings returned to "Public Safety"
\$10,000	\$10,000	\$0	Cloud Seeding Feasibility Study
\$250,000	\$117,259		Santa Maria Groundwater Basin Model
	(132,741)	\$0	savings returned to "Public Safety"
\$189,376	\$99,875		Arroyo Grande Creek Watershed Stormwater Resource Plan (Prop 1 Grant match)
	(89,501)	\$0	savings returned to "Public Safety"
\$280,500	\$132,642		pH Suppression Project
	(\$147,858)	\$0	savings returned to "Public Safety"
\$25,000	\$25,000	\$0	DSOD's Work Plan for Spillway Assessment
\$50,000	\$50,000	\$0	AG Creek Groundwater Sustainability Plan - grant match
\$350,000	-	\$350,000	Cloud Seeding
\$50,000	-	\$50,000	Feasibility Study to Decommission Terminal Reservoir
\$158,805	-	\$158,805	Public safety related to water quality and quantity purposes
		\$608,805	TOTAL District Funded Designated Reserves as of 1/13/21

San Luis Obispo County Flood Control and Water Conservation District Zone 3 Arroyo Grande Creek Habitat Conservation Plan Summary Chronology

1994/95

Amount Spent in FY: \$3,716

Cumulative Total: \$3,716

- California Sportfishing Protection Alliance (CALSPA) complaint submitted to SWRCB and Calif. Dept of Fish & Game
- Professional Services Contract for legal Services with Kronick, Moskovitz Tiedeman & Gerard (\$15,000)
- SWRCB requires District to undertake a Habitat Conservation Plan (HCP) to address CALSPA & CDFG complaints
- District meeting with resource agencies, District to be the lead agency for conducting the HCP

1995/96

Amount Spent in FY: \$6,883

Cumulative Total: \$10,599

1996/97

Amount Spent in FY: \$45,889

Cumulative Total: \$56,488

- Other vendors: \$45,889

1997/98

Amount Spent in FY: \$65,771

Cumulative Total: \$122,259

- Other vendors: \$65,771

1998/99

Amount Spent in FY: \$70,077

Cumulative Total: \$192,336

- CDF&G finds two dead steelhead trout in Arroyo Grande Creek
- Agreement reached to conduct 5 mgd releases until completion of the HCP
- Enter into new contract for Legal Services with Kronik (\$30,581.50)
- District contracts with Stetson Engineers for conducting Integrated Environmental Assessment and the draft HCP, Stetson subcontracts with many Engineers including Hanson to conduct Fisheries studies. Total contract \$309,150 + \$45,580 conting. = \$355,000

1999/00

Amount Spent in FY: \$212,104

Cumulative Total: \$404,440

- Consultants conduct instream flow studies of reduced releases
- District notifies CDF&G and National Marine Fisheries Service (NMFS) of plan to reduce releases from 5 mgd to 4 mgd

2000/01

Amount Spent in FY: \$179,759

Cumulative Total: \$584,199

- Kronick: \$11,470
- Hanson: \$136, 464

2001/02

Amount Spent in FY: \$105,587

Cumulative Total: \$689,786

- Amend No. 1 to Stetson Engineer's contract approved an increase of \$100,000 for 2 additional studies: Safe Yield Analysis (\$87,380); and Shoreline Habitat Survey (\$12,620). Total contract now \$455,000.

2002/03

Amount Spent in FY: \$83,811

Cumulative Total: \$773,597

- Kronick: \$23,212
- Setson: \$ 19,242

San Luis Obispo County Flood Control and Water Conservation District Zone 3 Arroyo Grande Creek Habitat Conservation Plan Summary Chronology

2003/04

Amount Spent in FY: \$78,842

Cummulative Total: \$852,439

- Final Draft HCP submitted to resource agencies for review and comment

2004/05

Amount Spent in FY: \$59,770

Cummulative Total: \$912,209

- District enters into sole source contract with Hanson Environmental to assist with negotiations between resource agencies and District and develop a Final HCP. Total contract \$108,540 + \$20,500 conting. = \$129,400
- District staff and Zone 3 representatives meeting with resource agencies to discuss the Final Draft HCP

2005/06

Amount Spent in FY: \$70,504

Cummulative Total: \$982,713

- Review of first revision of flow model completed; Stetson was requested to include additional modeling details of medium and high flows
- Amend No. 1 to Hanson Contract approved to extend until January 31, 2008
- Development of the Interim Downstream Release Plan (IDRS), designed to be used while the HCP is going through the approval process and protect Zone 3 from an incidental take of the endangered species in the creek
- HCP presentation to Arroyo Grande City Council
- IDRS presentation to TAC for review
- Revised flow model submitted to NMFS & USFWS
- Staff & consultant meeting with NMFS to discuss flow model

2006/07

Amount Spent in FY: \$68,861

Cummulative Total: \$1,051,574

- Zone 3 Advisory Committee approves the IDRS
- Stetson revised draft flow model submitted to staff & consultants for review
- Stetson provides most recent final version of flow model to staff and consultants for review prior to submittal to NMFS & United States Fish & Wildlife Service (USFWS)
- Staff meeting with Oceano representatives to discuss the IDRS and the District's resolution
- Staff review of the latest version of the flow model is on-going and expected to be completed and sent to NMFS by the end of November 2006
- IDRS is adopted by the BOS 4/24/2007 (no resource agency permits or approvals obtained), IDRS includes a chapter on the Low Reservoir Response Plan (LRRP)

2007/08

Amount Spent in FY: \$59,792

Cummulative Total: \$1,111,366

- Amend No. 2 to Hanson contract approved to extend contract until January 31 2012.

2008/09

Amount Spent in FY: \$97,460

Cummulative Total: \$1,208,826

- Kronick: \$2,033
- Hanson: \$42,683

San Luis Obispo County Flood Control and Water Conservation District Zone 3 Arroyo Grande Creek Habitat Conservation Plan Summary Chronology

2009/10

Amount Spent in FY: \$78,292

Cummulative Total: \$1,287,118

- Amend No. 3 to Hanson contract was approved to increase contract by \$40,000 (Total contract \$169,040) to conduct significant revisions to the reservoir operations model and overall format of the HCP document per comments from the resource agencies.

2010/11

Amount Spent in FY: \$90,111

Cummulative Total: \$1,337,229

- District requests H.T. Harvey to review the draft HCP (2004) and prepare a memo outlining the remaining issues and deficiencies.

2011/12

Amount Spent in FY: \$111,073

Cummulative Total: \$1,488,302

- Amend No. 4 to Hanson contract was approved to increase contract by \$77,800 (Total contract \$246,840) to prepare a Water Availability Analysis (Stetson, their sub, to do work because they had already done a model of the reservoir) and extend the agreement until January 31, 2014. The WAA was unanticipated and was an additional task that NMFS required. In the same B/L the District also entered into a Professional Agreement with H.T. Harvey and Associates to prepare the Final Habitat Conservation Plan in the amount of \$260,877 + \$26,000 conting. = \$286,877 because the County was dissatisfied with Hanson work.

2012/13

Amount Spent in FY: \$138,519

Cummulative Total: \$1,626,821

- H.T. Harvey prepared the following memos:
July 27, 2012 - Arroyo Grande HCP: approach to translate flow into habitat
July 27, 2012 - Effects of spillway raise on the Arroyo Grande Creek HCP

2013/14

Amount Spent: \$61,931

Cummulative Total: \$1,688,752

- Hired WSC, Inc. to write a detailed Low Reservoir Response Plan (which is part of the IDRS) (\$22,436) due to the extended drought. Agencies adopt the Low Reservoir Response Plan. The District adopts a resolution to implement certain policies and procedures of the Low Reservoir Response Plan.
- District enters into contract with ECORP for \$210,062 and contingency of \$42,012 to verify Stetson modeling, prepare WAA, prepare baseline model, and model possible downstream releases for the HCP.
- Enter into a contract with HT Harvey for \$191,622
- Base line model provided for TAC review and draft downstream release plan is proposed and modeled as well.

2014/15

Amount Spent in FY: \$160,208

Cummulative Total: \$1,848,960

- HT Harvey & Associates: \$6,519
- ECORP: \$88,775
- WSC: \$22,436

2015/16

Amount Spent in FY: \$238,093

Cummulative Total: \$2,087,053

- HT Harvey & Associates: \$27,674
- ECORP: \$151,009

San Luis Obispo County Flood Control and Water Conservation District Zone 3 Arroyo Grande Creek Habitat Conservation Plan Summary Chronology

2016/17

Amount Spent in FY: \$36,117

Cummulative Total: \$2,123,170

- H.T. Harvey prepares Habitat Mapping Strategy (with cost estimate) to demonstrate benefits of a Downstream Release Program
- District sends proposal to NMFS requesting review and comments.
- ECORP submits revised Hydrologic Report to District that will support the water rights change petition effort (original draft Dec. 2015).
- Zone 3 Contractors request District to amend ECORP's scope of work to include additional modeling to evaluate changing existing water supply contracts to add storage for each agency.
- New contract with ECORPS for \$186,887 to continue modeling of downstream release scenarios.
- ECORP's contract change modeling for Zone 3 water contractors results in a hold on HCP efforts since the results could impact the draft Downstream Release Program

2017/18

Amount Spent in FY: \$30,550

Cummulative Total: \$2,153,720

- Zone 3 Contractors decide to move forward with the process to change the water supply contracts. HCP efforts continue to be on hold while ECORP models various scenarios allowing storage for agencies.

2018/19

Amount Spent in FY: \$8,014

Cummulative Total: \$2,161,734

- HT Harvey provides scope of work and estimate for Habitat mapping in AG Creek to evaluate the benefits of a Downstream Release Program. Due to purchasing requirements project goes out to bid.

2019/20

Amount Spent in FY: \$46,563

Cummulative Total: \$2,208,297

- 2020 Agencies draft new water supply contract language to allow for storage for agencies
- Contract awarded to Stillwater Sciences for Habitat Mapping (~\$70,000). Instream studies to begin January of 2021.

<i>County Staff Time</i>	660,098
Equipment	6,536
Kronick	100,765
Stetson	415,252
Hanson	172,262
Thomas R. Payne	24,796
Susan Christopher	1,780
HT Harvey & Assoc	150,178
ECORP	302,490
WSC	22,436
Stillwater Science	1,132
Other Vendors	161,299
All Overhead	174,241
Subtotal	<u>1,533,167</u>
Total	2,193,265
WBS 300293 (HCP Project Code)	15,032
Grand Total	Yearly <u>2,208,297</u>
	Cumulative 2,208,297

Paid by Reserves: \$206,492

Paid by Agencies: \$2,001,805



ZONE 3 Lopez Project

San Luis Obispo County Flood Control and Water Conservation District

TO: Zone 3 Advisory Committee
FROM: David Spiegel, PE
DATE: January 21, 2021
SUBJECT: Zone 3 Projects Update

Project Updates:

- Spillway Assessment and Investigation
 - DSOD has reviewed the responses by the District and its consultant and has requested a conference call to go over the items to facilitate any questions or comments by either side. A conference call has not been scheduled at this time. The District is still preparing a work plan for the items associated with DSOD's comments.
 - DSOD has requested review and approval during all phases of the Spillway Assessment.
 - Underdrain video assessment is being quoted (DSOD required as part of the above comments)
 - Budget ~\$190,000
- Geotechnical Testing & Seismic Alternatives Study of Terminal Reservoir Dam
 - Working with Department of Safety of Dams to determine the scope of the Geotech testing such that it can be put out to bid. Results from the Geotech testing of the Terminal Dam will help determine whether to seismically retrofit or de-commission the Terminal Reservoir. TAC supported proceeding with this work at their October 2020 meeting.
 - Overall Budget Needed \$500,000
 - Budget available this fiscal year ~\$90,000 to begin project
- Fault Zone Risk Assessment for Dam Left Abutment (No Change)
 - Above the left abutment is a fault that was classified as a slow-moving landslide with potential for material to slough off and become located on the downstream side of the dam.
 - A risk assessment has been requested by the TAC to determine the probability of such an event.
 - Additional quotes are needed at this time.
 - Budget ~\$40,000
- 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



ZONE 3 Lopez Project

San Luis Obispo County Flood Control and Water Conservation District

- Cathodic Protection Repair Project (No Change)
 - This is the result of the Cathodic Protection Survey completed in 2019
 - Estimate is \$848,000 to completely repair the system
 - This will be a 3 - 4 year phased project to begin this year
- Equipment Storage Building
 - A new site has been chosen for the location of a storage building. Previous sites were too expensive, or their location proved problematic with uncertain future outcomes of the terminal reservoir.
 - A consultant has been chosen to perform the structural calculations and construction package for the new building's location over the existing flocculation basin.
 - Budget ~\$90,000
- CO2 (Chlorine Dioxide) Injection System
 - Our CIP division is currently preparing a Request For Proposal for the CO2 system and will be out to bid soon. CO2 will replace the Mineral Acid injection process at the plant that was added several years ago to combat scaling of equipment that was occurring and causing problems for the Pall membrane racks and other treatment processes.
 - Current budget \$160,000.

Unbudgeted O&M Projects

- Sludge Bed Curtain Wall Rehabilitation
 - One sludge bed has developed a leak through the adjacent hillside that leads down to the terminal reservoir's spillway. This bed had an existing underground curtain wall poured in the 90's to fix this issue.
 - Quotes are being received to pressure grout in front of the underground curtain wall to re-seal any cracks that have developed over the last 30 years.
 - ~\$50,000 per initial quote
- Leak at Main Dam outlet works building
 - Staff has determined that the source of the leak is dissimilar metals corrosion, a plan is being prepared for the removal, repair, and replacement of the flanges that connect to a 20" valve that have corroded.
 - Isolating flange kits will be installed to prevent future corrosion.
 - Creek releases will be provided by the 42" emergency valve while during construction.



ZONE 3 Lopez Project

San Luis Obispo County Flood Control and Water Conservation District

- No estimate of cost currently

Upcoming Projects for 20/21:

- Replacement of Hach Turbidimeter
- EQ Pump Upgrade

Completed Projects

- Repairs to Terminal Dam Spillway
- Lopez Terminal Dam Monument Survey
- Domestic Tank Repairs