



## ZONE 3 ADVISORY COMMITTEE

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San Luis Obispo County Flood Control and Water Conservation District

### AGENDA

Thursday, March 17, 2016 6:30 p.m.

Oceano Community Services District

- 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 OF JANUARY 21, 2016
- IV. OPERATIONS REPORT
  - A. Water plant operations, dam storage, creek releases
- V. INFORMATION ITEMS
  - A. Present 2nd Quarter FY 15/16 Budget Status
  - B. Declaration of Surplus Water
  - C. Projected Reservoir Levels
  - D. Climate Update
  - E. PG&E Diablo Canyon Power Plant Desalination Update
  - F. Habitat Conservation Plan Update
- VI. CAPITAL PROJECTS UPDATE
  - A. Bi-Monthly Update
- VII. ACTION ITEMS (No Subsequent Board of Supervisors Action Required)
- VIII. ACTION ITEMS (Board of Supervisors Action is Subsequently Required)
  - A. Present proposed FY 16/17 budget and endorse
  - B. Zone 3 District Reserves to fund local match of SWRCB Stormwater Resource Plans grant
- IX. FUTURE AGENDA ITEMS
  - A. Contract Renegotiation Discussions
  - B. Funding Groundwater Modeling
  - C. Water Wheeling
- X. COMMITTEE MEMBER COMMENTS

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Next Regular Meeting is scheduled for  
Thursday, May 19, 2016 at 6:30 PM at City of Pismo Beach

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**SAN LUIS OBISPO COUNTY FLOOD CONTROL  
AND WATER CONSERVATION DISTRICT  
ZONE 3 ADVISORY COMMITTEE  
DRAFT MEETING MINUTES  
THURSDAY JANUARY 21, 2016**

- I. Call To Order/Roll Call** - The Meeting was called to order at 6:30 pm at the City of Grover Beach by Zone 3 Advisory Committee Chairperson, Paavo Ogren. County Public Works Department Utilities Engineer, Jill Ogren, called roll. Members in attendance were:

Ed Waage, City of Pismo Beach

Paavo Ogren, Chairperson - Oceano Community Services District

Brian Talley, Agriculture Delegate

Jim Garing, Member at Large

Jeff Lee, (not yet formally appointed by BOS) City of Grover Beach

Jim Hill (not yet formally appointed by BOS) City of Arroyo Grande

Quorum was established and the meeting continued.

- II. Public Comment** - No public comment given.

- III. Approval of Meeting Minutes of November 19, 2015** - Member Waage moved approval and Member Talley second. Member Garing abstained. Motion passed.

- IV. Operations Report** - Ms. Ogren presented the operations report for the Lopez Facility. The lake elevation was 466.74 acre-feet; storage capacity was 14,159 acre-feet; the capacity was 29 percent; rainfall to date was 11.62 inches. To date, since January 2016, 5.31 inches of rain. Plant production was about 2.9 million gallons per day (MGP); and downstream release was 1.8 MGP. State Water was 1.1 MGP.

No public comment was given.

- V. Information Items**

**A. Distribute Fiscal Year 2016-17 Proposed Budget** - Joanne Hilker, County Public Works Finance Accountant, distributed the Fiscal Year (FY) 2016-17 Proposed Budget for Flood Control Zone 3. Ms. Hilker indicated she distributed budget packet copies to the Zone 3 Finance Committee and will distribute copies to respective staff members and City Managers; as well as copies to all

Zone 3 contact list (including Zone 3 Technical Advisory Committee (TAC) members). Ms. Ogren indicated the TAC supports the proposed budget.

Ms. Hilker stated the TAC would receive Zone 3 Budget Books on February 4; on February 17, Public Works would meet with the Zone 3 Finance Committee to review proposed budget; and at the March 17 Zone 3 Advisory Committee Meeting, Ms. Hilker will present the budget to the Committee and ask for endorsement. Following approval from the Committee, the budget will go the County Board of Supervisors in mid-June for adoption. Ms. Hilker encouraged all Advisory Committee Members to discuss the Zone 3 budget with their respective staff.

Ms. Hilker pointed out this year's budget reflects an overall increase of three percent to billings of Zone 3 agencies due to a Tule removal project at the terminal dam and increases in workload to County Public Works Utilities Division staff responding to various Zone 3 related requests and drought demands. Routine Operations and Maintenance (O&M) budgets are up by 5.7 percent, but offset by reductions in Non-routine O&M budgets; and Capital Outlay billings are budgeted at the customary \$550,000 level.

**B. Climate Update** - According to the climate slides Ms. Ogren presented, temperatures are normal. In regards to precipitation, the precipitation is now normal or below, and should precipitate during the months of February and March.

**C. Projected Reservoir Levels** - Ms. Ogren pointed out that between December 12 and mid-January, there was an increase of 312 AF in the Lopez reservoir and the reservoir went up about nine inches and one percent in capacity.

**D. PG&E Diablo Canyon Power Plant Desalination Update** - Ms. Ogren, commented there was no further update than what was provided in the agenda packet provided by County Public Works Engineer, John Waddell. Ms. Ogren indicated there will be a discussion regarding PG&E desalination on February 23 in front of the Board of Supervisors; however it may be brief due to further implications with PG &E.

**E. Stormwater Resource Grants – SLCRCD** - Nicole Smith of the San Luis Coastal Resources Conservation District (SLRCD) indicated SLRCD focuses on the conservation and natural resource issues from soil, water quality and wildlife habitat to enhance primarily south county projects and landowners. Ms. Smith reviewed Stormwater Resource Plan requirements including: watershed description, coordination and collaboration, quantitative method for ID and prioritization of projects, implementation strategy and community participation.

Ms. Smith went into detail of potential opportunities for stormwater to recharge groundwater areas within the Arroyo Grande watershed region.

Ms. Smith indicated the State Water Resources Control (SWRCB) Prop 1 Planning and Implementation Stormwater Grants assists water agencies and their infrastructure adapt to climate change while meeting stormwater requirements and suggested the Zone 3 partnering agencies, along with SLCRCD, may benefit from these grant opportunities. Ms. Smith noted that applications for SWRCB Prop 1 Planning grants for 50 percent cost match would be due March 4, 2016 and suggested plans could be developed in a timely manner to be eligible for Round 2 Implementation grants in 2018. She indicated priority is given to economically [partly] disadvantaged areas like Oceano and Grover Beach.

Member Waage questioned whether the SWRCB grant funds could assist with Agenda Item 8 B., *Consideration of Using Zone 3 Reserves for Drainage and Flood Control Services including Funding (\$30K) for Meadow Creek Diversion Channel Improvements at Carpenter Canyon Creek* and diverting water to a percolation pond. Ms. Smith thought so.

Mr. Lee inquired how robust the Stormwater Resource Plan must be and indicated Grover Beach currently captures a lot of stormwater on site. Ms. Smith referred Mr. Lee to the SWRCB self-certification form for evidence of capturing water.

Chairman Ogren indicated he would develop a conceptual plan for the grant application to be completed by the March 4 deadline.

## **VI. Capital Projects Update**

- A. Bi-Monthly Update** - Ms. Ogren indicated the 6<sup>th</sup> Rack Addition was moving forward with building. The Turnout SCADA Project was moving along as well following upgrades to turnouts themselves to accommodate the new SCADA. The Lopez Water Treatment Plant (WTP) Intake Repair is intended to be in coordination with the connection of the 6<sup>th</sup> Rack so when the WTP is down to make the connection, it will present a good opportunity to perform the intake repair. The WTP Parking Lot Resurfacing budgeted for FY 2015-2016 is deferred until FY 2017-2018 due to it being overlooked in the County's overall resurfacing projects; however, Ms. Ogren indicated the new timing of the WTP parking lot resurfacing is better suited to follow the completion of the 6<sup>th</sup> Rack Addition.

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

- A. Habitat Conservation Plan Update** - In addition to information shared in the Staff Report prepared by Public Works staff member, Katie Drexhage, Ms. Ogren stated the proposed draft Downstream Release Program was presented to the TAC earlier in January and will likely be presented to the Advisory Committee at the March 17 meeting along with a Water Rights discussion.

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

- A. Emergency Water Supply Options Evaluation Letter Update** - Deputy Director of County Public Works, Mark Hutchinson, indicated time at the County Board of Supervisors meeting on February 23, 2016 was secured for the Emergency Water Supply Options presentation.

According to Mr. Hutchinson, there was a general agreement of the scope of the presentation based on what the agencies collectively concluded. There would also be an update on the PG&E Desal Project, presented as a part of the suite of the emergency water supply options, depending on where PG&E is at on the project. A thanks from the Zone 3 Advisory Committee was expressed to County staff, Committee Members, as well as City of Arroyo Grande Public Works Director, Geoff English, in assisting with the coalition and presentation efforts.

- B. Consideration of Using Zone 3 Reserves for Drainage and Flood Control Services including Funding (\$30K) for Meadow Creek Diversion Channel Improvements at Carpenter Canyon Creek** - Mr. Hutchinson gave an overview of the proposed Carpenter Canyon Creek Improvement Project, which would install a new bridge to allow for more water flow. Due to the location of the bridge, installation will need to be completed by hand, machinery cannot be used. This is a cooperative project between the San Luis Obispo Flood Control and Water Conservation District and State Parks in an effort to address the area-wide flooding in Oceano, and perhaps the State Parks campground.

Total Project costs will be approximately \$30,000 for the permitting and the construction of the Project. Mr. Hutchinson indicated while financially this project has nothing to do with Lopez Project, funding for the Project's permitting and construction is recommended to come from Flood Control Zone 3 District reserves collected via property taxes to benefit flood control activities within Zone 3. These reserves were dedicated to debt services in 2000 and are not legally restricted to Zone 3.

Following Mr. Hutchinson's review of the Flood Control Zone 3 Committee's bylaws, he suggested the Committee shall recommend whether to draw \$30,000 from Flood Control Zone 3 District reserves, which total \$2.8 to \$2.9 million, to expedite the Carpenter Canyon Creek Improvement Project, pending Board of Supervisors' approval.

Chairperson Ogren opened discussion to what extent the Zone 3 Advisory Committee shall become involved and how the Flood Control Zone 3 District reserves might be used to a greater public purpose. Questions and comments among Committee members ensued. Member Garing stated there was not a relationship to Zone 3 and suggested this particular project should be discussed at the TAC before discussing it among the Zone 3 Advisory Committee.

Mr. Lee expressed support for participating in a larger discussion of how Flood Control Zone 3 District reserves shall be used and indicated he would like to discuss the topic with his own City Council before coming to a decision.

Member Talley stated he was in favor for the most efficient and effective approach to comply, but was unsure who should pay for the proposed Carpenter Canyon Creek Improvement Project.

Member Waage stated although he had not talked with his City Council, he is in support of future discussions regarding the use of Flood Control Zone 3 District reserves. He expressed the Carpenter Canyon Creek Improvement Project should have gone to the TAC beforehand and inquired why State Parks isn't funding the proposed project. Mr. Hutchison indicated historically, the Meadow Creek, Pismo Creek, Arroyo Grande and all Cities flow(ed) into the Oceano Lagoon.

Ms. Ogren added that the runoff which ends up in Oceano Lagoon is generated by Zone 3 agencies. She indicated this project could assist with runoff reaching the ocean sooner.

Chairperson Ogren, Member Waage, County Public Works Director, Wade Horton, along with Mr. Lee and Mr. Hill, spoke in support of the Project to alleviate flooding in the Oceano area.

Member Waage moved to endorse the Carpenter Creek Channel Improvements Project, including funding from Flood Control Zone 3 Reserves

in the amount of \$30,000. Member Talley second. Motion passed on a 3 -1 vote with Member Garing dissenting.

**IX. Future Agenda Items -**

**A. Zone 3 Reserves -**

**B. Contract Renegotiation Discussions -** Chairperson Ogren stated that there has been some discussion at staff level.

**C. Funding Groundwater Modeling -** Chairperson Ogren stated that this will be a future discussion.

**D. Water Wheeling -** Chairperson Ogren stated that Water Wheeling may not be as applicable anymore. Discussion will be brought to the TAC.

**XII. Committee Member Comments -**

Meeting adjourned at 8:38 PM.

**Next Regularly Scheduled Meeting** Next Regular Meeting is Tentatively Scheduled for Thursday, March 17, 2016 at 6:30 PM at Oceano Community Services District

Respectfully Submitted,

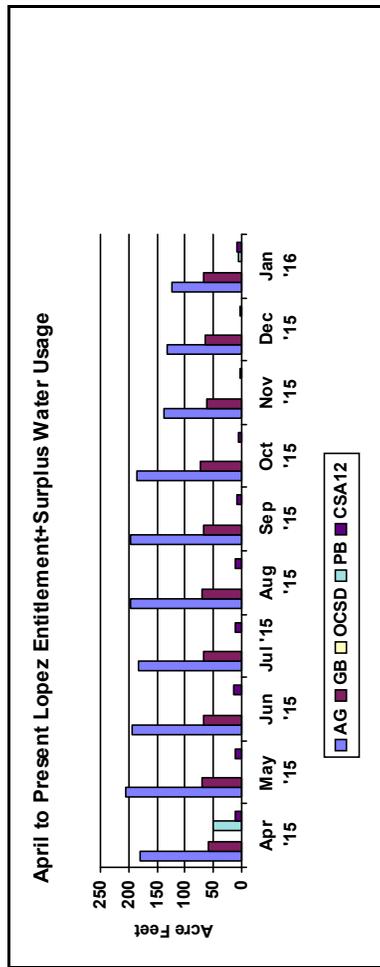
Andrea M Montes, County Public Works

# San Luis Obispo County Flood Control and Water District

## Zone 3 - Lopez Project - Monthly Operations Report

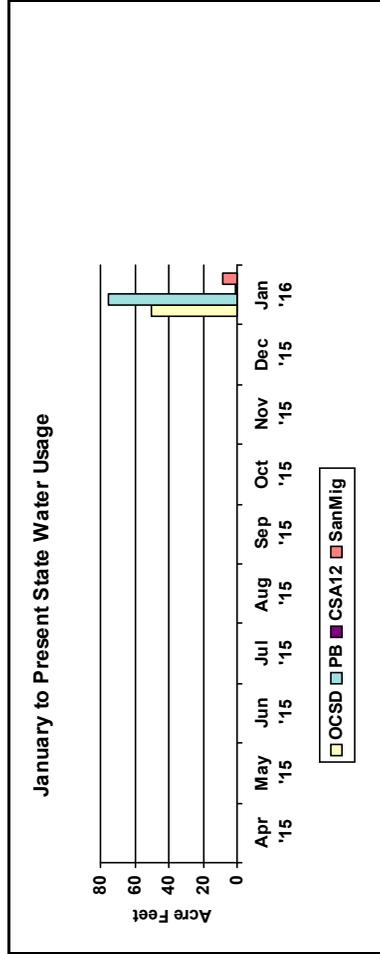
### January, 2016

Contractor	Lopez Water Deliveries										State Water Deliveries										Total Water Deliveries This Month
	This Month					April to Present					This Month					January to Present					
	Entl.	Surplus	Total	Entitlement Usage	Surplus Usage	Entitlement Usage	Surplus Usage	Total Usage	%	%	Annual Request	Usage	% of Annual Request	SWP Deliveries	Change in Storage	Usage	% of Annual Request	SWP Deliveries			
Arroyo Grand	2061	881.20	2942.20	123.33	0.00	6.0%	0.00	0.0%	1731.50	58.9%	750	50.69	6.8%			50.69	6.8%				
Oceano CSD	272.7	459.00	731.70	0.00	0.0%	0.0%	0.00	0.0%	0.00	0.0%											
Grover Beach	720	393.60	1113.60	67.86	0.00	9.4%	0.00	0.0%	668.84	60.1%	1240	75.00	6.0%			75.00	6.0%				
Pismo Beach	802.8	504.90	1307.70	4.46	0.00	0.6%	0.00	0.0%	54.93	4.2%	57	0.62	1.1%			0.62	1.1%				
CSA 12	220.5	289.10	509.60	8.75	0.00	4.0%	0.00	0.0%	90.34	17.7%	110	7.96	7.2%			7.96	7.2%				
San Miguelito																					
<b>Total</b>	<b>4077</b>	<b>2527.80</b>	<b>6604.80</b>	<b>204.40</b>	<b>0.00</b>	<b>5.0%</b>	<b>0.00</b>	<b>0.0%</b>	<b>2545.61</b>	<b>38.5%</b>	<b>2157</b>	<b>134.27</b>	<b>6.2%</b>	<b>103</b>	<b>-31.27</b>	<b>134.27</b>	<b>6.2%</b>	<b>103.00</b>			
											Last Month Stored State Water		This Month Stored State Water		This Month Stored State Water						



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

Lopez Dam Operations	This Month	Year to Date
Lake Elevation (full at 522.37 feet)	466.87	-55.50
Storage (full at 49200 acre feet)	14207	% Full 28.9%
Rainfall	6.26	12.36
Downstream Release (4200 acre feet/year)	174.2	3497.76
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:** Reservoir is currently operated under the Low Reservoir Response Plan, therefore Entitlements shown represent a 10% reduction.

Surplus water shown is actually "Carry Over" water as designated in the LRRP.

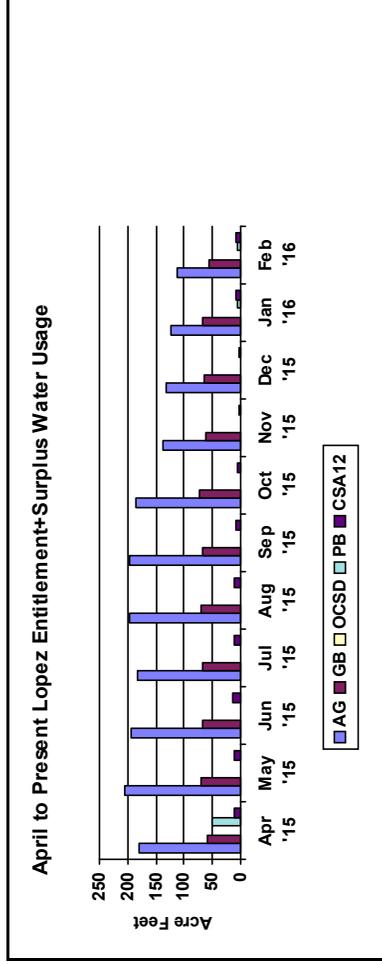
1) Oceano supplied State Water to Canyon Crest via Arroyo Grande's Edna turn out. A total of 1.05 AF delivered to Canyon Crest was added to Oceano's State Water usage this month and 1.05 AF was subtracted from Arroyo Grande's usage this month.

# San Luis Obispo County Flood Control and Water District

## Zone 3 - Lopez Project - Monthly Operations Report

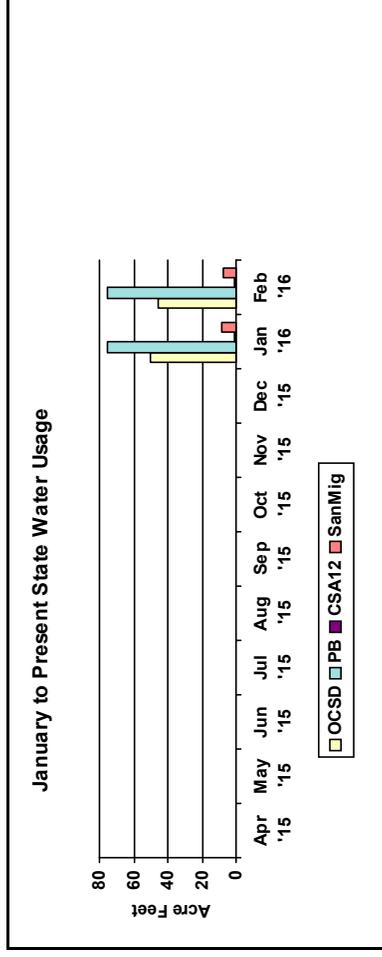
### February, 2016

Contractor	Lopez Water Deliveries										State Water Deliveries							Total Water Deliveries This Month						
	This Month			April to Present			This Month				January to Present													
	Entl.	Surplus	Total	Usage	%	Entitlement	Usage	%	Surplus	Usage	%	Total	Usage	%	Annual Request	Usage	% of Annual Request		Change in Storage	SWP Deliveries	Usage	% of Annual Request	SWP Deliveries	
Arroyo Grand	2061	881.20	2942.20	111.77	5.4%	0.0%	1843.27	89.4%	0.0%	0.0%	1843.27	62.6%	750	45.70	6.1%	96.39	12.9%						111.77	
Oceano CSD	272.7	459.00	731.70	0.00	0.0%	0.0%	0.00	0.0%	0.0%	0.0%	0.00	0.0%											45.7	
Grover Beach	720	393.60	1113.60	51.16	7.1%	1.4%	720.00	100.0%	1.4%	1.4%	725.50	65.1%	1240	75.00	6.0%	150.00	12.1%						56.66	
Pismo Beach	802.8	504.90	1307.70	4.64	0.6%	0.0%	59.57	7.4%	0.0%	0.0%	59.57	4.6%	57	1.04	1.8%	1.66	2.9%						9.52	
CSA 12	220.5	289.10	509.60	8.48	3.8%	0.0%	98.82	44.8%	0.0%	0.0%	98.82	19.4%	110	7.39	6.7%	15.35	14.0%						7.39	
San Miguelito																								
<b>Total</b>	<b>4077</b>	<b>2527.80</b>	<b>6604.80</b>	<b>176.05</b>	<b>4.3%</b>	<b>0.2%</b>	<b>2721.66</b>	<b>66.8%</b>	<b>5.50</b>	<b>0.2%</b>	<b>2727.16</b>	<b>41.3%</b>	<b>2157</b>	<b>129.13</b>	<b>6.0%</b>	<b>263.40</b>	<b>12.2%</b>	<b>-32.13</b>	<b>97</b>	<b>-18.84</b>	<b>200.00</b>	<b>-50.97</b>	<b>310.68</b>	



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

Lopez Dam Operations	This Month	Year to Date
Lake Elevation (full at 522.37 feet)	466.89	-55.48
Storage (full at 49200 acre feet)	14215	% Full
Rainfall	1.59	13.95
Downstream Release (4200 acre feet/year)	164.49	3662.25
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:** Reservoir is currently operated under the Low Reservoir Response Plan, therefore Entitlements shown represent a 10% reduction.

Surplus water shown is actually "Carry Over" water as designated in the LRRP.

1) Oceano supplied State Water to Canyon Crest via Arroyo Grande's Edna turn out. A total of 1.45 AF delivered to Canyon Crest was added to Oceano's State Water usage this month and 1.45 AF was subtracted from Arroyo Grande's usage this month.



SAN LUIS OBISPO COUNTY  
**DEPARTMENT OF PUBLIC WORKS**

Wade Horton, Director

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**March 17, 2016**

**MEMORANDUM**

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

**FROM:** Joanne Hilker, Accountant

**VIA:** Andrea Montes, Public Works Department Administrator

**SUBJECT:** Flood Control Zone 3, Second Quarter Budget Status Fiscal Year 2015/16

**Recommendation**

The item to be received and filed.

**Discussion**

Attached please find the second quarter budget versus actual results for the fiscal year 2015/16. The \$5-million-dollar budget is broken into three categories: Routine O&M expenditures (\$3.3 million), Non-Routine O&M expenditures (\$560,000), and Capital Outlay expenditure (\$810,000). For the three months that comprised the second quarter, expenditures were under the quarterly budget by \$40,000. At 50% of the fiscal year, expenditures totaled approximately 42% of the annual budget, as described below.

Routine O&M annual budget is approximately \$3.3 million dollars. At 50% of the fiscal year, expenditures were approximately 47% of the budget, which produced approximately \$90,000 of savings. The Water Treatment Plant experienced approximately \$50,000 in savings due to staff vacancies which are in the process of being filled. The balance of the savings was realized across the board: \$14,000 in the Terminal Dam; \$10,000 in the Main Dam; \$15,000 in the rest of the O&M accounts, primarily due to staff vacancies.

Non Routine O&M annual budget is approximately \$560,000 dollars<sup>i</sup>. At 50% of the fiscal year, expenditures were approximately 32% of budget, resulting in \$99,000 of savings. The majority of the savings (\$64,000) was realized in the Lopez Water Rights/Habitat Conservation Plan (HCP). HCP efforts have been delayed pending possible Zone 3 municipal contract changes that could impact the modeling and draft downstream release program that ECORP developed in

coordination with H.T. Harvey. Once the contract issue is resolved, work can move forward with modeling efforts and the District can re-engage regulatory agencies in permit requirement discussions. HCP efforts will continue into fiscal year 2016/17.

Capital Outlay annual budget is approximately \$810,000 dollars<sup>i</sup>. At 50% of the fiscal year, expenditures were approximately 29% of budget, resulting in \$106,000 of savings. The savings are primarily a result of staffing inadequacies during recruitments. Any unspent balances at year-end will be carried into the following fiscal year for continued efforts.

### **Other Agency Involvement/Impact**

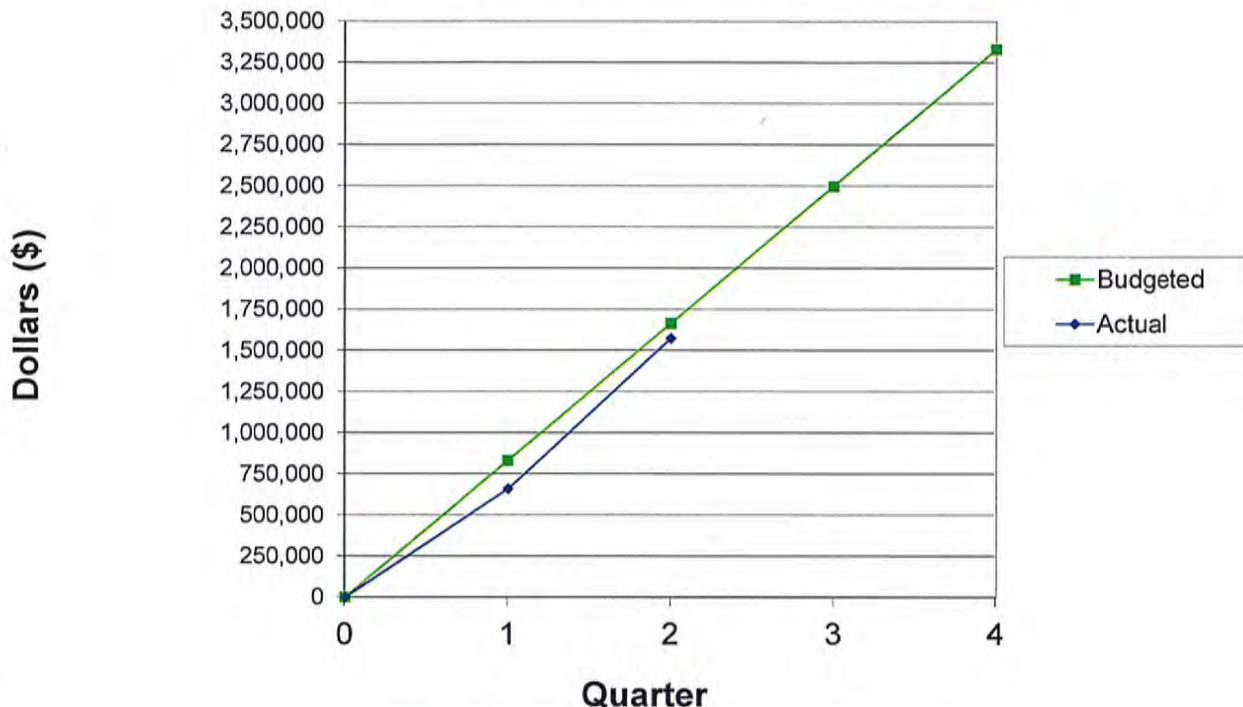
The agencies involved are: City of Arroyo Grande, City of Grover Beach, City of Pismo Beach, Oceano Community Services District, and County Service Area 12. Subcontractors of CSA 12 include Port San Luis Harbor District and Avila Beach Community Services District.

### **Financial Consideration**

Refunds due to agencies for fiscal year 2014/15 were credited in the January 2016 billings. All agencies are current on their payments.

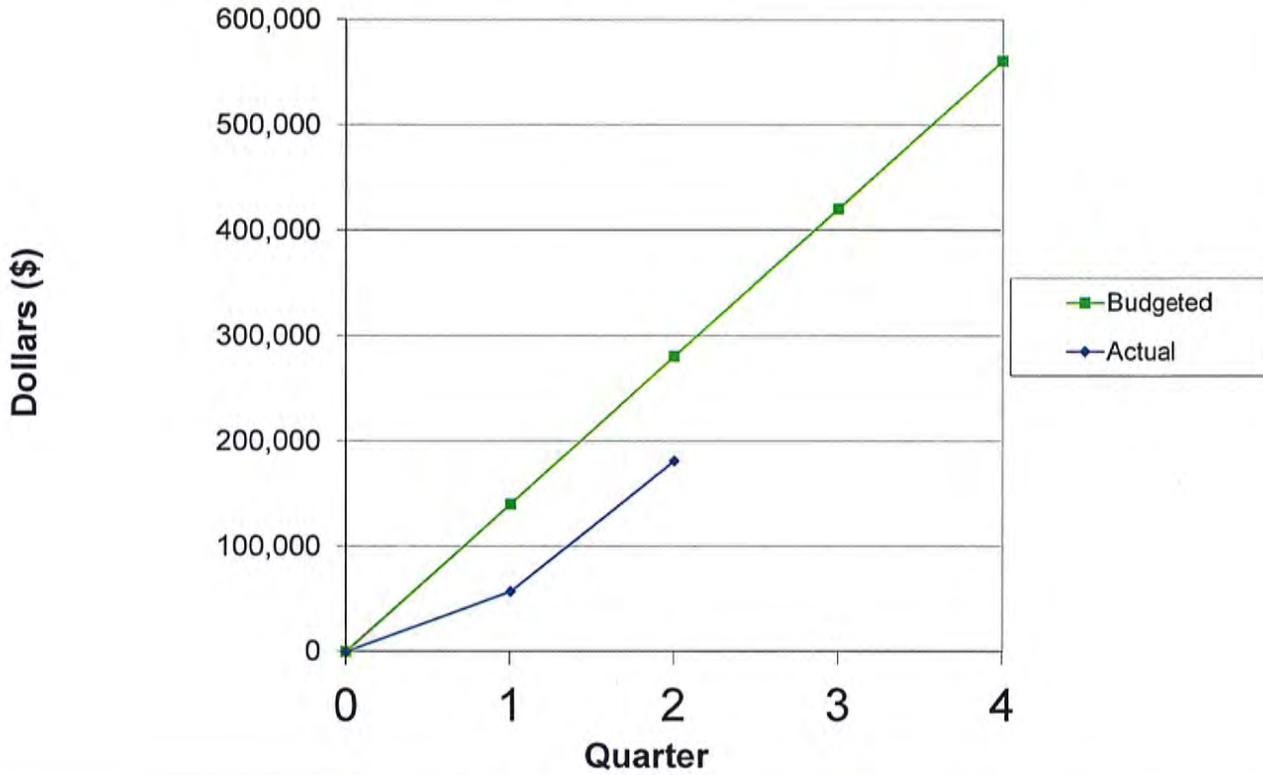
<sup>i</sup> Per Advisory Committee's endorsement on 11/19/15, \$100,000 of budget was transferred from Non Routine O&M Pigging to Capital Outlay 6<sup>th</sup> Membrane Filtration project.

## Routine Operation and Maintenance

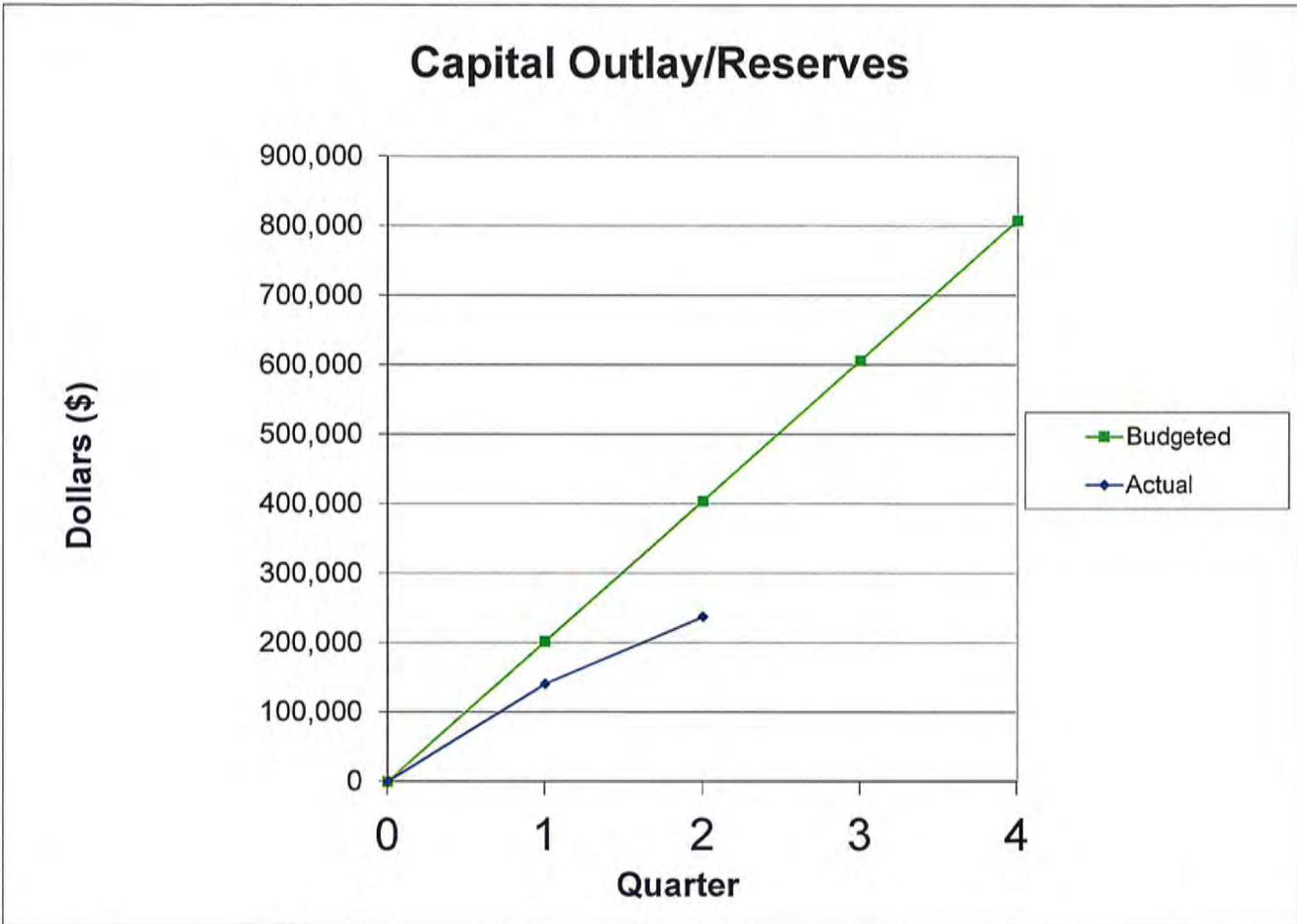


O&M Routine Category	Total Budget	1st Quarter	2nd Quarter	3rd Quarter	4th Quarter	Total	Total Exp as % of Budget	Total Balance Avail
Labor and Overhead	2,034,901	429,734	531,100	-	-	960,834	47%	1,074,067
Chemicals - Water Treatment Plant	261,649	56,481	69,721	-	-	126,202	48%	135,447
Utilities - Water Treatment Plant	217,746	53,421	48,617	-	-	102,038	47%	115,708
Vendors - Water Treatment Plant	258,946	60,850	154,156	-	-	215,006	83%	43,939
Terminal	42,063	6,326	11,594	-	-	17,920	43%	24,143
Main Dam	104,517	17,350	23,332	-	-	40,682	39%	63,835
Other	411,599	35,897	76,680	-	-	112,577	27%	299,021
<b>Expenses</b>		<b>660,059</b>	<b>915,200</b>	<b>-</b>	<b>-</b>	<b>1,575,260</b>	<b>47%</b>	<b>1,756,160</b>
<b>Budget</b>	<b>3,331,420</b>	<b>832,855</b>	<b>832,855</b>	<b>832,855</b>	<b>832,855</b>	<b>3,331,420</b>		
<b>Variance (over)/under</b>		<b>172,796</b>	<b>(82,345)</b>			<b>90,450</b>		
<b>% Variance</b>		<b>21%</b>	<b>-10%</b>					

## Non-Routine Operation and Maintenance



Non Routine Category	Total Budget	1st Quarter	2nd Quarter	3rd Quarter	4th Quarter	Total	Total Exp as % of Budget	Total Balance Avail
Labor and Overhead	104,411	13,743	27,886	-	-	41,629	40%	62,782
Lopez Water Rights /HCP	376,848	41,240	83,352	-	-	124,592	33%	252,256
Pigging	24,483	-	-	-	-	-	0%	24,483
Terminal Resvr Intake Repair	29,014	-	-	-	-	-	0%	29,014
Equipment Replacement	25,000	-	7,767	-	-	7,767	31%	17,233
Other	1,096	2,140	5,116	-	-	7,256	662%	(6,160)
<b>Expenses</b>		<b>57,123</b>	<b>124,121</b>	<b>-</b>	<b>-</b>	<b>181,244</b>	<b>32%</b>	<b>379,608</b>
<b>Budget</b>	<b>560,852</b>	<b>140,213</b>	<b>140,213</b>	<b>140,213</b>	<b>140,213</b>	<b>560,852</b>		
<b>Variance (over)/under</b>		<b>83,090</b>	<b>16,092</b>			<b>99,182</b>		
<b>% Variance</b>		<b>59%</b>	<b>11%</b>					



Capital Outlay Project	Total Budget	1st Quarter	2nd Quarter	3rd Quarter	4th Quarter	Total	Total Exp as % of Budget	Total Balance Avail
Lopez Turnouts SCADA System	309,539	115,019	67,083			182,102	59%	127,437
WTP 6th Membrane Filtration Module Addition	291,946	24,997	28,059			53,056	18%	238,890
VFD Replacement Project	45,000	317	-			317	1%	44,683
Power Monitoring Project	30,000	257	222			479	2%	29,521
PLC Replacement and Programming	25,000	317	394			711	3%	24,289
Lopez Dam Repair V-Ditch Adjacent to Spillway	25,000	60	320			380	2%	24,620
WTP Resurface Parking Lot	81,500	317	320			637	1%	80,863
<b>Expenses</b>		<b>141,284</b>	<b>96,399</b>	<b>-</b>	<b>-</b>	<b>237,683</b>	<b>29%</b>	<b>570,302</b>
<b>Budget</b>	<b>807,985</b>	<b>201,996</b>	<b>201,996</b>	<b>201,996</b>	<b>201,996</b>	<b>807,985</b>		
<b>Variance (over)/under</b>		<b>60,712</b>	<b>105,598</b>			<b>166,310</b>		
<b>% Variance</b>		<b>30%</b>	<b>52%</b>					



SAN LUIS OBISPO COUNTY  
**DEPARTMENT OF PUBLIC WORKS**

Wade Horton, Director

County Government Center, Room 206 • San Luis Obispo CA 93408 • (805) 781-5252

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email address: pwd@co.slo.ca.us



**TO:** Zone 3 Advisory Committee

**FROM:** Jill Ogren, Senior Utilities Engineer *J.O.*

**VIA:** Mark Hutchinson, Deputy Director *M.H.*

**DATE:** March 17, 2016

**SUBJECT:** Declaration of Surplus Water under the Low Reservoir Response Plan

**Recommendation:**

1. Recommend that the Board of Supervisors of the San Luis Obispo County Flood Control and Water Conservation District declare Surplus Water as described in Article 4 Sections (C) and (D) of the Water Supply Contracts, in the estimated amount of 1,953 acre feet, or as adjusted by final year-end water accounting, and
2. Recommend that the Board of Supervisors of the San Luis Obispo County Flood Control and Water Conservation District continue to implement the Low Reservoir Release Plan pursuant to the Board's Resolution 2014-377 adopted on December 16, 2014.

**Discussion**

Every year the San Luis Obispo County Flood Control and Water Conservation District (District) declares surplus water according to the water supply contracts for Zone 3 of the District. On March 8, 2011, the Board of Supervisors (Board) authorized the Director of Public Works to make the surplus water declaration; however, because of the proclamation of a local drought emergency on March 11, 2014 and pursuant to concerns about how Surplus Water is calculated, on August 19, 2014 the Board directed that "*any changes in calculations come to the Board for a decision and not at the staff level.*" Therefore, the 2016 surplus water declaration will be made by the Board. The Board action is scheduled for April 19, 2016.

The Zone 3 water supply contracts define surplus water as "The portion of the Safe Yield for Project water remaining after distributions of water during the said previous Water Year" (Article 4 (D)). The declaration of surplus water does NOT mean that there is an amount of "excess" water in the reservoir; in short, surplus water is water that was saved from the previous year's municipal and downstream entitlements. The Water Supply Contracts specify that surplus water is offered to the Zone 3 agencies in proportion to their participation in the project. Attachment 1 shows estimated agency surplus water accounts per the Zone 3 water supply contracts.

### **Low Reservoir Response Plan**

However, all of the Zone 3 agencies, together with the Board of Supervisors, have adopted the Low Reservoir Response Plan (LRRP). The LRRP provides for three temporary changes to the declaration of "Surplus Water":

1. Reductions in downstream releases below 4,200 acre feet will not be counted as surplus water
2. Any surplus water generated by an individual agency will only be available for use by that agency, and
3. Each agency may "carry over" any of its unused water from the previous year (subject to evaporation losses)

The amount of water available varies depending on the total amount of water stored in the reservoir. Below 20,000 AF in storage entitlements are at 100%. However, that number falls by 10% (applied to the agency's entitlement only) if the reservoir reaches 15,000 acre feet in storage. **Currently the reservoir is below 15,000 acre feet, therefore, the water supply estimate for water year 2016-2017 is summarized below:**

<b>TABLE 1: ESTIMATED ZONE 3 2016-2017 AVAILABLE WATER SUPPLY</b>					
<b>Contractor</b>	<b>Entitlement at 15,000 AF level</b>	<b>Unused Carryover in 15-16<sup>1</sup></b>	<b>Unused Entitlement in 15-16 "New Carryover"</b>	<b>Water Accounts by Agency</b>	
				<b>Below 15,000 AF</b>	<b>Below 10,000 AF</b>
Arroyo Grande	2061	845	38	2944	2715
Pismo Beach	803	484	743	2030	1941
Grover Beach	720	317	0	1037	957
Oceano CSD	273	440	273	986	955
CSA 12	221	277	110	608	583
<b>Totals</b>	<b>4,530</b>	<b>2364</b>	<b>1163</b>	<b>7605</b>	<b>7151</b>

1. Amounts shown have been adjusted for evaporation per the LRRP. (All amounts shown are subject to minor variations based on year end water accounting.)

### **Surplus Water Declaration**

It is important to note that the Board of Supervisors will still need to declare surplus water pursuant to the requirements of the Water Supply Contracts. The LRRP works because of the water planning accomplished in 2014, including the three key elements listed above. Each agency has already determined, in their respective LRRP resolutions in 2014, to only request an amount of surplus up to their "carryover" amount as specified in the LRRP.

## **Results**

Declaration of surplus water and continued implementation of the LRRP will provide water to Zone 3 of the San Luis Obispo County Flood Control and Water Conservation District in amounts necessary to mitigate the extended water supply emergency and help protect the groundwater basin from seawater intrusion.

## **Attachments**

1. Zone 3 – Estimated Surplus Water Accounts for 2016/2017 – as of 02.29.2016

File: CF 340.120.01

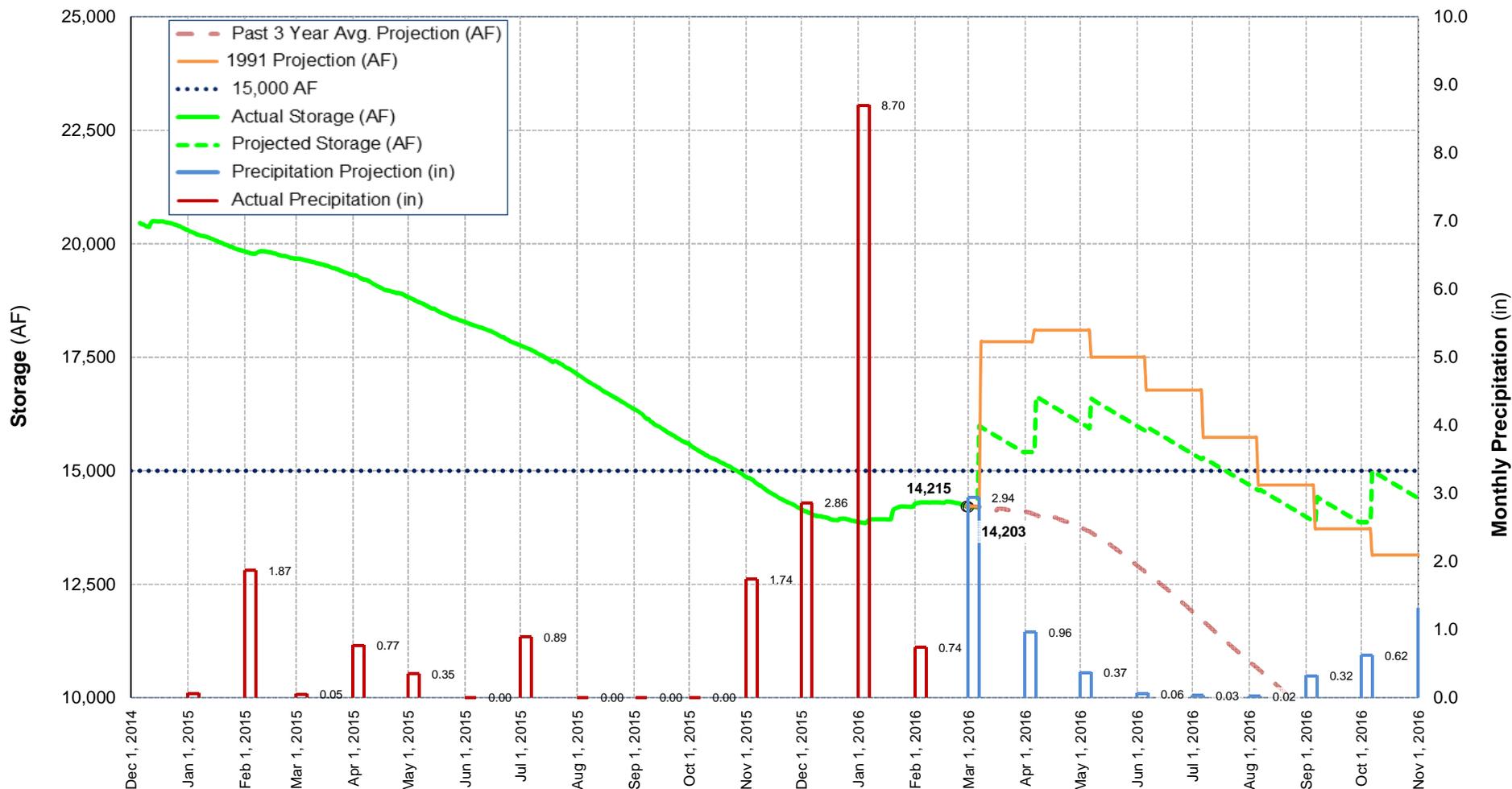
L:\Utilities\2016\March\Z3 Decl of Surplus Water and LRRP Water Accounts.docx JO:jb

	A	B	C	D	E	F	G	H	I	J	K
1	<b>Attachment 1</b>										
2	<b>Lopez Water - Estimated Surplus Water for 2016/2017 by Contract and superceded by LRRP</b> (as of 02.29.2016)										
3	<b>2015 -2016 Water Available Per Contract</b>										
4	<b>Contractor</b>	<b>Entitlement</b>	<b>Surplus<sup>3</sup></b>	<b>Total Available</b>	<b>Actual Deliveries April 2015-Feb 2016</b>		<b>Estimated Deliveries<sup>1</sup></b>		<b>Surplus by Contract (Superceded by LRRP)</b>		
5	Arroyo Grande	2,290	822	3,112	Entitlement	Surplus	March 2016	Estimated Total Deliveries thru WY 2015/16	Surplus Generated Unused Entitlement	Surplus Available Total Surplus by percent of Entitlement	
6	Pismo Beach <sup>2</sup>	892	320	1,212	1,843	0	180	2,023	267	987	
7	Grover Beach	800	287	1,087	60	0	0	60	832	384	
8	Oceano CSD	303	109	412	726	0	58	784	17	345	
9	CSA 12	245	88	333	0	0	0	0	303	131	
10	<b>Sub Totals</b>	<b>4,530</b>	<b>1,626</b>	<b>6,156</b>	<b>2,727</b>	<b>0</b>	<b>250</b>	<b>2,977</b>	<b>1,553</b>	<b>1,953</b>	
11	Downstream	4,200			3,662		138	3,800	400	0	
12	<b>Total</b>	<b>8,730</b>			<b>6,389</b>	<b>0</b>	<b>388</b>	<b>6,777</b>	<b>1,953</b>	<b>1,953</b>	
13											
14	<b>NOTES</b>										
15	1. March 2016 usage estimated based on March 2015 usage, up to maximum available										
16	2. Includes subcontract for 92 AF from CSA12										
17	3. Surplus water as declared on 9/22/2015 at BOS with Water Re-characterization										
18											
19	<b>CALCULATIONS</b>										
20	Columns A-D from BOS 9.22.2015 Surplus Water Declaration										
21	Columns E-H actual and projected water deliveries for water year 15/16										
22	Columns I-J surplus water calculations per Water Supply Contracts										

## Lopez Reservoir Storage Projections

(precipitation scenario source: www.LongRangeWeather.com)

Revised: 2/29/2016

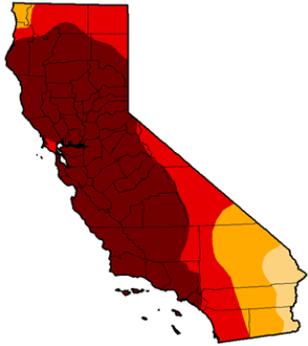


**Notes:**

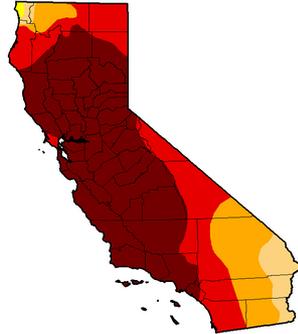
- For "Dry Months" (May - October), projected increases and/or decreases in storage estimated to mimic 2013 conditions.
- For "Wet Months" (November - April), projected storage declines assume annual downstream release of 4,200 AFY and deliveries of 4,530 AFY.
- For "Wet Months", projected storage increases based on historic trends from actual storm data for the period of 12/1993 through 6/2011.
- Storage projection for "Wet Months" assume that unsaturated conditions exist. Increases in storage delayed until March due to drought conditions delaying reservoir increase.
- Monthly rainfall projections assumed to occur during the first week of each month.
- Rainfall projection provided by www.LongRangeWeather.com, and updated 10/31/2015. Evaporation included in storage projection.
- 1991 Projection uses actual monthly storage changes, shown on 1st of month. 1991 had 26.33" of rain, 13.98" in March. 1989 and 1990 had 9.90" & 9.99" of rain respectively.
- Past 3 Year Avg. Projection uses historic daily capacity changes averaged from 2012, 2013, 2014

# U.S. DROUGHT MONITOR

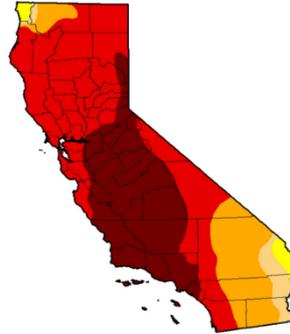
September 2014



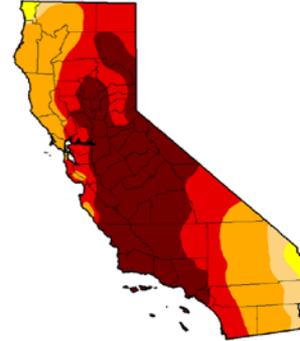
November 2014



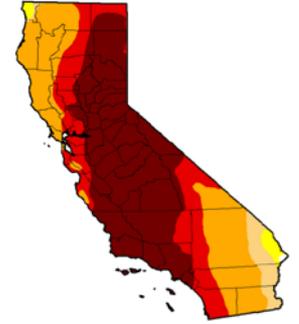
January 2015



February 2015



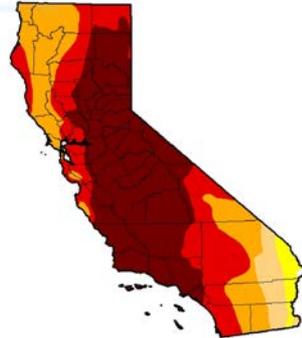
May 2015



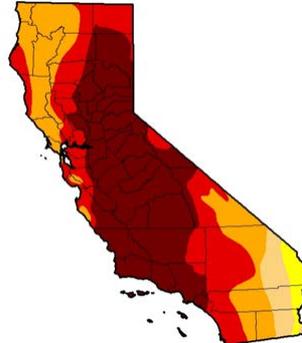
July 2015



September 2015



November 2015



January 2016



March 2016



## Intensity:

- D0 - Abnormally Dry
- D1 - Moderate Drought
- D2 - Severe Drought

- D3 - Extreme Drought
- D4 - Exceptional Drought

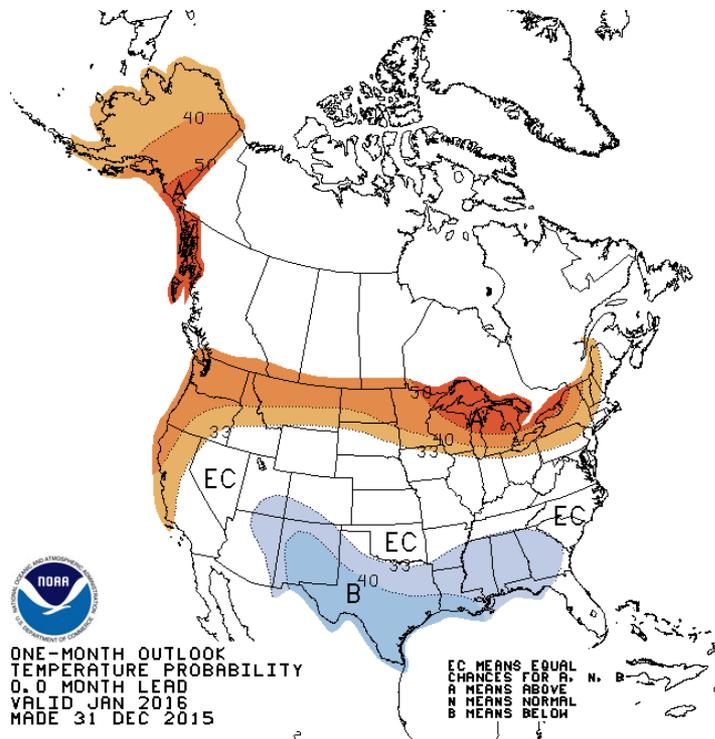
Permission to reproduce the map

If you reproduce the U.S. Drought Monitor map, please use this wording:

The U.S. Drought Monitor is jointly produced by the National Drought Mitigation Center at the University of Nebraska-Lincoln, the United States Department of Agriculture, and the National Oceanic and Atmospheric Administration. Map courtesy of NDMC-UNL.

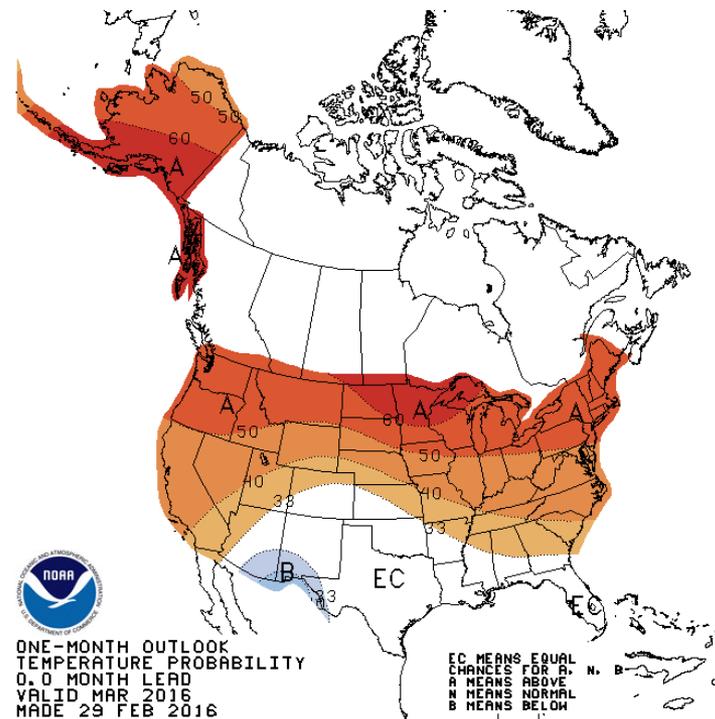
# NOAA TEMPERATURE FORECAST

## January



## January Meeting

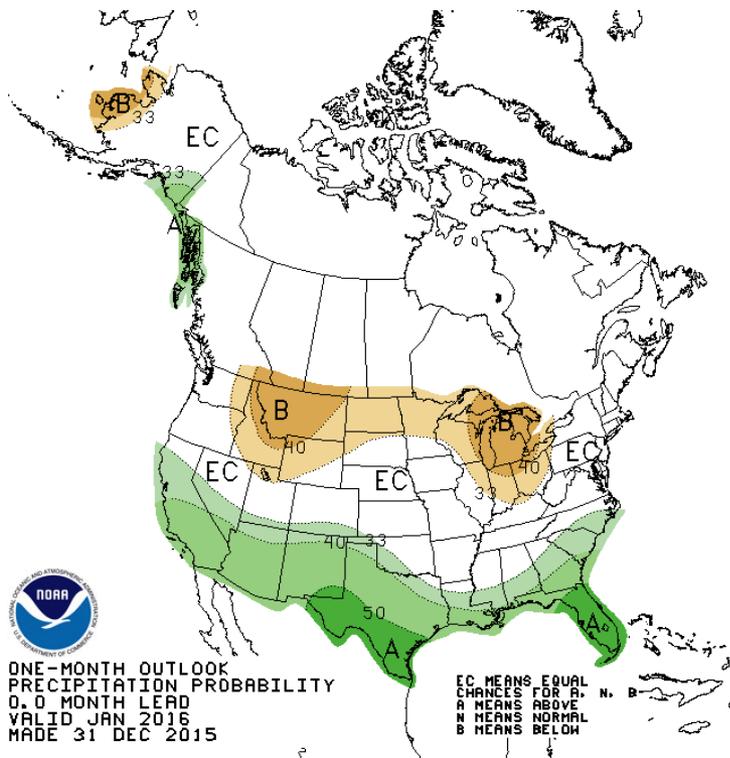
## March



## March Meeting

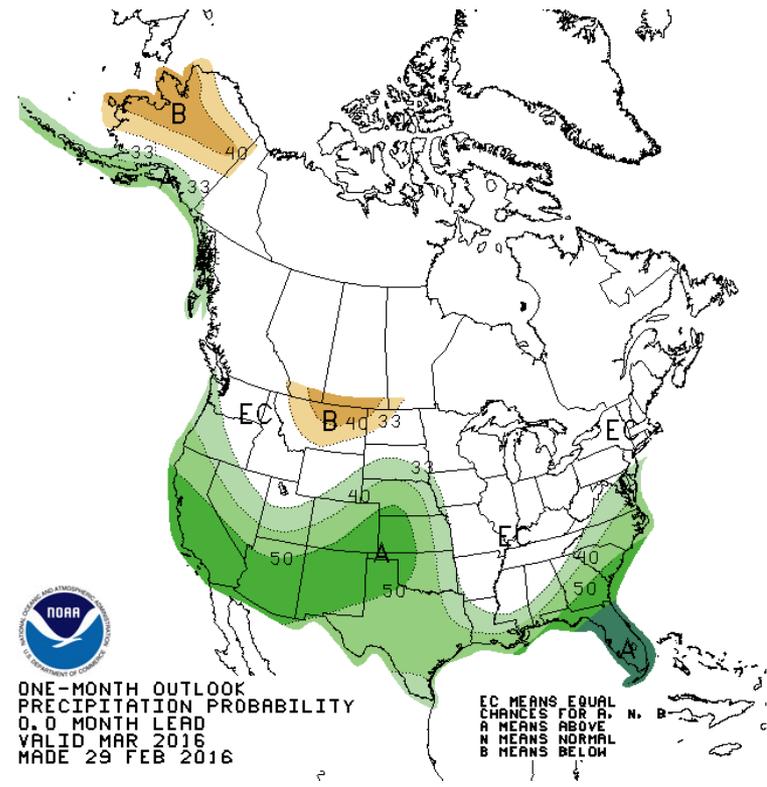
# NOAA PRECIPITATION FORECAST

## January



## Jan. Meeting

## March



## Mar. Meeting



SAN LUIS OBISPO COUNTY  
**DEPARTMENT OF PUBLIC WORKS**

Wade Horton, Director

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**TO:** Zone 3 Advisory Committee

**FROM:** Katie Drexhage, Environmental Resource Specialist

**DATE:** March 17, 2016

**SUBJECT:** Lopez Water Project HCP Status Update

At your November 19th meeting, District staff stated that the proposed Downstream Release Program would be presented to the TAC in January, and then presented to the resource agencies (i.e., NMFS and USFWS) for feedback. However, after January's TAC meeting, further information was requested by the TAC including data regarding water levels in the creek at different flow rates proposed in the draft Program as well as additional information regarding surplus water. Additionally, potential changes to existing Zone 3 water supply contracts may result in impacts to the modeling that ECORP has done to date. At this time, work on the draft Downstream Release Program and coordination with the resource agencies is on hold until the District has more information regarding water supply contracts changes.

At your November meeting, the District reported the decision to file a change petition to the existing Permit 12814 to include direct diversion based on feedback from the SWRCB and ECORP. This option will streamline the process, maintain all Lopez Water Project rights in one permit, and provide a more senior direct diversion right as compared to the other option which entailed filing a change petition on the existing Application 30826. This option requires a hydrologic report rather than a Water Availability Analysis. District staff received the draft hydrologic report from ECORP in late 2015 and provided comments to ECORP on March 1<sup>st</sup>. Along with finalizing the hydrologic report, ECORP will begin preparing the petition for extension of time that is required to move forward with the change petition.



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## MEMORANDUM

**TO:** Zone 3 Advisory Committee  
**FROM:** Eric Laurie, Project Manager  
**DATE:** March 17, 2016  
**SUBJECT:** Capital Projects Update

### Project Updates:

- LWTP 6<sup>th</sup> Rack Addition
  - Rack installation
    - Cushman Contracting currently constructing rack
    - Rack connection and start-up on hold due to the discovery of foreign debris in the membrane feed line. Investigation as to cause and a recommendation for solution is being initiated.
- Turnout SCADA Project
  - Cannon and County operations staff are currently completing the SCADA system. Estimated completion; May, 2016.
- Repair Projects scheduled for FY15-16
  - Lopez Dam: Repair V-ditch adjacent to spillway
  - Water Treatment Plant Intake Repair (Dept. of Safety of Dams)
  - VFD Project
  - Power Monitoring Equipment
  - PLC Replacement & Programming
- Repair Projects Deferred
  - WTP Parking Lot Re-surfacing deferred until Spring 2017



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**March 17, 2016**

**TO:** Zone 3 Advisory Committee  
**FROM:** Joanne Hilker, Accountant  
**VIA:** Mark Hutchinson, Public Works Deputy Director  
**SUBJECT:** Endorsement of the Proposed Fiscal Year 2016/17 Budget

**Recommendation**

Endorse the proposed Fiscal Year 2016/17 Budget

**Discussion**

At the January 21, 2016 Advisory Committee meeting, the proposed budget was introduced and distributed to the Advisory Committee (AC) members to review and discuss with their agencies.

The following outreach has occurred since January:

- Review and discussion with the Technical Advisory Committee (TAC).
- Review and discussion with the Finance Committee (FC).
- Budget Addendum was distributed to the TAC, FC, and AC regarding a minor budget reduction San Miguelito Mutual Water Company's direct billings. This change does not affect any other Contractor's budget or billings.
- Review and discussion with the City Managers.

Overall billings to contractors are increasing 3% from the prior year budget. Staff will provide a brief presentation and request endorsement of the proposed budget.



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March 17, 2016

**MEMORANDUM**

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

**FROM:** Mark Hutchinson, Deputy Director of Public Works

**SUBJECT:** Consideration of 1) Recommendations from the Technical Advisory Committee on the use of Zone 3 District Funded Reserves, and 2) a letter of support for the Arroyo Grande Creek Watershed Stormwater Resource Plan grant application

**Background**

Prior to the passage of Proposition 13 in 1976, Zone 3 collected an additional tax from properties within the Zone. With the passage of Proposition 13 that tax was repealed. Following regulations established by Assembly Bill 8 at that time, a portion of the 1% property tax established by Proposition 13 was apportioned to the Flood Control District. Because Zone 3 had its pre-existing property tax, a portion of the Flood Control District's new funding was segregated into a Zone account, even though the funds are not legally restricted to use within Zone 3. This account has been referred to as "District Funded Reserves" so as not to confuse it with the "Contractor Funded Reserves", which are a component of the Lopez Project budget.

In 2000, when the Zone 3 Water Contracts were amended to fund the seismic remediation project, this funding source was allocated (contractually restricted) to the Lopez Project specifically to assist with debt service, on an annual basis. Therefore, no new funds have been directed to District Funded Reserves from the 1% property tax since the year 2000. At the same time, funds existing in 2000 have remained in a segregated account and used to fund various Zone 3 work for the Lopez Project. One ongoing obligation are habitat Conservation Plan costs that exceed the Lopez Water Project annual billings for that effort. Zone 3 District Funded Reserves are projected to contain approximately \$2,864,000 at fiscal yearend (June 30, 2016). The 2016/2017 budget projects District Funded Reserves to be at approximately \$2,928,000 at the end of next fiscal year (June 30, 2017). Of this amount, existing budget policies would hold \$1,889,122 as an operating reserve, leaving \$1,038,729 available for specific one-time projects.

As part of your Committee's January 21, 2016 approval to use \$30,000 of District Funded Reserves to fund a flood control project on Carpenter Creek, you requested that the Technical Advisory Committee (TAC) take up the issue of this reserve account and develop a recommendation to the Advisory Committee. The TAC considered the issue at its February 4<sup>th</sup> meeting and has made the following recommendations:

<b>Technical Advisory Committee Recommendations Zone 3 District Funded Reserves</b>			
<b>Project</b>	<b>Description</b>	<b>Funding Level<sup>(1)</sup></b>	<b>Notes</b>
Carpenter Creek Bridge	Remove culvert and earth fill on Carpenter Creek for flood control purposes	30,000	Recommended by Advisory Committee and appropriated by BoS 2016
Cloud Seeding Feasibility study	Cost share for regional cloud seeding feasibility study	10,000	1/3 Zone 3 2/3 Flood Control General
Santa Maria Groundwater Basin Model	NCMA cost share for groundwater basin model	250,000	1/3 Zone 3 1/3 Flood Control General 1/3 NMMA (pending)
Arroyo Grande Creek Watershed Stormwater Resource Plan	Cost share for grant to prepare plan	250,000	50% Zone 3 50% Grant
<b>Total</b>		<b>\$540,000</b>	
<b>Estimated Remaining on June 30, 2017</b>		<b>\$498,729</b>	(Not including \$1,889,122 in the District Funded operating reserve)

Notes:

1. All funding levels are "not to exceed"

### **Project Details**

#### *Carpenter Creek Bridge*

Meadow Creek begins in the northerly reaches of the five cities area before it flows parallel with State Route 1 to its terminus at the Oceano lagoon. Several decades ago, a diversion channel was constructed along the southerly line of the Pismo Beach State Park campgrounds at the northwesterly corner of the City of Grover Beach to provide an alternative course for high flows to reach the ocean and avoid sending high flow volumes into Oceano lagoon. The channel is known locally as Carpenter Creek. However, Carpenter Creek is impeded by a trail crossing through the flow way which restricts flows and the ability for the stream to reach the ocean. The project will replace the trail crossing with a new culvert or bridge structure that will allow more of Meadow Creek flows to flow down Carpenter Creek to the Ocean, rather than southward, parallel to Highway 1, under Grand Avenue, and eventually into the Oceano Lagoon. The intent is divert peak flows to help reduce the potential for flooding in the neighborhoods adjacent to the Lagoon.

A \$30,000 expenditure for this project was recommended by the Advisory Committee at your January 21, 2016 meeting and subsequently appropriated by the Board of Supervisors.

### *Cloud Seeding Feasibility Study*

An operational winter cloud seeding program has been conducted most winter seasons in Santa Barbara County since 1981. This program has been sponsored by the Santa Barbara County Water Agency. There have typically been two target areas: the Upper Santa Ynez drainage above Cachuma Dam located in the eastern part of Santa Barbara County, and the Twitchell Reservoir drainage (usually referred to as the Huasna-Alamo target area) located in the northern portion of Santa Barbara County and the southern portion of San Luis Obispo County. This operational program was implemented following the completion of the Santa Barbara II research program which provided indications of positive seeding effects from seeding convection bands some of which were statistically significant. In the late 1980's and early 1990's the program was extended into San Luis Obispo County under an agreement with the San Luis Obispo County Flood Control and Water Conservation District, but has been discontinued for many years. In order to gage the possible effectiveness of a cloud seeding over San Luis Obispo County, a feasibility study has been proposed to evaluate not only an individual program, but also a regional approach involving Santa Barbara, San Luis Obispo, and Monterey Counties. The feasibility study will evaluate current science, potential effectiveness, and program costs. The District has proposed a cost share for the feasibility study of 1/3 Zone 3 and 2/3 District funded, for a total of \$30,000.

### *Santa Maria Groundwater Basin Model*

The Nipomo Mesa Management Area (NMMA) and Northern Cities Management Area (NCMA) have requested that the District develop a computer model of the Santa Maria Groundwater Basin. The District has agreed that a 1/3, 1/3, 1/3 cost share is an appropriate approach, with each partner's share estimated at \$150K to \$250K. Moving forward with more formal agreements is pending action by the NMMA. It is proposed that the NCMA share of the cost be paid by Zone 3 District Funded Reserves.

### *Arroyo Grande Creek Watershed Stormwater Resource Plan*

California Water Code section 10563 (as amended by Senate Bill 985) requires public agencies to develop a Stormwater Resource Plan as a condition of receiving grant funds from any bond (approved after January 2014) for storm water and dry weather runoff capture projects. The intent of Senate Bill 985 is to encourage the use of storm water and dry weather runoff as a resource to improve water quality, reduce localized flooding, and increase water supplies for beneficial uses and the environment.

A Stormwater Resource Plan is a document that describes the watershed and identifies how agencies will protect and improve the creeks, rivers, and lakes in the watersheds by stormwater resources management and by improving the stormwater quality. A Stormwater Resource Plan is required for grant funding for any future project for stormwater and dry weather runoff capture. This requirement applies to Proposition 1, the water bond measure approved by voters in November 2014, which authorized \$200 million in grants for multi-benefit stormwater management projects.

The Storm Water Management Planning Act (SB 985) focuses on diverting runoff from existing storm drains, channels, or conveyance structures to sites (particularly publicly owned sites) that can clean, store, infiltrate and/or use the runoff. NPDES permits are placing greater requirements on the permittees to achieve significant improvement in stormwater quality. Recent permits are requiring water quality improvement from existing community areas, in addition to new development. The costs to the city/agency (versus the development community) for meeting the new permit requirements could be substantial. Watershed-based planning and implementation efforts to retrofit existing developed landscapes with green infrastructure are needed to restore stormwater and dry weather runoff infiltration capacity that was overlooked in traditional stormwater management infrastructure and practices. Recent MS4 Permits, such as those in Los Angeles and the San Francisco Bay Area, already require analyses to demonstrate a reasonable assurance that proposed stormwater management plan elements will successfully achieve required water quality outcomes. Similar permit requirements are likely to be included in the Central Valley and other California regions in the future.

It is proposed that the 50% match for the grant be paid by Zone 3 District Funded Reserves, at an amount not to exceed \$250,000. The City of Arroyo Grande has agreed to act as the lead agency for the grant, while the San Luis Coastal Resource Conservation District would as in the project management role, contracting for consultants to write the Plan.

### **Future Board of Supervisors Action**

If the Advisory Committee adopts a recommendation on the use of Zone 3 District Funded Reserves that recommendation will be forwarded to the Board of Supervisors for action. The Board may adopt the Committee's recommendation as a budget policy or Board Order, thereby providing an initial overall approval of the listed expenditures, or alternately, the Board may require individual action on each to both confirm consistency with the Committee's recommendations and verify that conditions surrounding the overall recommendation remain consistent. Note that if the Board's proposed action differs from the Committee's action the item will be considered at a public hearing: *"Furthermore, in every case that the Board of Supervisors alters or returns to the Committee any item or proposition recommended by the Committee, the Board of Supervisors shall set forth in writings its findings that caused the Board of Supervisors to alter or return said item or proposition and shall do so only after holding a public hearing, at which time the members of the Committee shall have the right to appear and address the Board of Supervisors."* (Zone 3 Advisory Committee Bylaws)



## ZONE 3 ADVISORY COMMITTEE

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San Luis Obispo County Flood Control and Water Conservation District

March 17, 2016

Sean Maguire, Program Manager  
Division of Financial Assistance  
Storm Water Grant Program  
1001 I Street, Sacramento, CA 94244-2120

Subject: Letter of Support for Grant Application to Prepare a Stormwater Resource Plan for Arroyo Grande Creek and Pismo Creek Watersheds; southern San Luis Obispo County

Dear Mr. Maguire,

The San Luis Obispo County Flood Control and Water Conservation District's (District) Zone 3 Advisory Committee was established in the 1960's to develop recommendations to the Board of Supervisors on issues pertaining to water conservation and flood control issues in the southern portion of San Luis Obispo County. The Committee urges your approval of grant funding for the preparation of a Stormwater Resource Plan for Arroyo Grande Creek and Pismo Creek watersheds. The City of Arroyo Grande has agreed to act as the lead agency on a multi-jurisdictional plan with local matching funds from Zone 3.

The primary water supply project in Zone 3 is Lopez Dam and Reservoir, located in the Arroyo Grande creek watershed. The Advisory Committee includes representatives from local agencies that contract for municipal water supplies including the Cities of Arroyo Grande, Pismo Beach and Grover Beach, the Oceano Community Services District and San Luis Obispo County Service Area No. 12, which includes the Avila Beach Community Services District, the Port San Luis Harbor District and several private residences and businesses. The Committee also includes agricultural representation to help ensure that water supply needs of local agriculture are being addressed, and a member from the public at-large to help address recreational and the overall management of the dam and related facilities.

Lopez Dam diverts water from the upper portions of Arroyo Grande Creek watershed. Portions of Zone 3 also encompasses the Pismo Creek watershed. The Committee's recent consideration in support of developing a Storm Water Management Plan for Arroyo Grande Creek and Pismo Creek recognizes the importance of multi-jurisdictional collaboration and will be completed through an inclusive process of the five primary jurisdictions, which is also known as the Five Cities area of southern San Luis Obispo County, two of which are economically disadvantaged areas.

The partners within the watersheds have a history of successfully collaborating on numerous water resource issues and will build on that collaboration and existing work in developing the Stormwater Resource Plan (SRP). Examples of significant accomplishments that will provide the foundation for a successful SRP include the Arroyo Grande Creek Waterway Management Plan, Lopez Reservoir water supply management, and the Northern Cities Management Area (NCMA) of the Santa Maria Groundwater Basin.

- The Waterway Management Plan is important for addressing flooding risks associated with the Arroyo Grande creek levees in the lower portion of the watershed.
- The Lopez Reservoir water supply management efforts are important for addressing water supply reliability – both in terms of drought resiliency and the development of a Habitat Conservation Plan for endangered species.
- Efforts of the NCMA are important because the underlying groundwater within NCMA is part of the Santa Maria Groundwater Basin, which is an adjudicated basin with ongoing judicial oversight.

Together, these and other efforts illustrate the ongoing commitment of the local agencies to address water supply, groundwater management, and ecosystem needs of the watershed.

The grant proposal submitted for your consideration will build on this success and the Central Coast Joint Effort for Hydromodification Control and Low Impact Development. It will integrate stormwater resource management with related issues of groundwater recharge, water supply, water quality, instream flows and flood control. The partners view this proposal as a significant opportunity to build on existing knowledge and work efforts relating to watershed processes, particularly groundwater recharge and pollutant loading, while evaluating and weighing the pros and cons of different types, scales and locations of projects, based on a prioritization tool that will be developed with the Stormwater Resource Plan. The Plan will provide a method to evaluate and quantify multiple benefits of any given project thereby focusing time and energy on the projects that can solve more than one issue. The Plan will also provide a venue to vet projects with the larger community, promoting transparency in decision making processes, project implementation, and efficient use of tax dollars.

Thank you for your consideration of our proposal. We hope that you will support the grant application to prepare a Storm Water Resource Plan for Arroyo Grande and Pismo creek watersheds.

Sincerely,

PAAVO OGREN, Chair, Zone 3 Advisory Committee

cc: San Luis Obispo County Board of Supervisors