



## ZONE 3 ADVISORY COMMITTEE

---

---

San Luis Obispo County Flood Control and Water Conservation District

### SPECIAL MEETING AGENDA

Thursday, May 26, 2016 6:30 p.m.  
City of Pismo Beach

- 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 MARCH 17, 2016
- IV. OPERATIONS REPORT
  - A. Water plant operations, dam storage, creek releases
- V. INFORMATION ITEMS
  - A. Present 3rd Quarter FY 15/16 Budget Status
  - B. Budget Update
  - C. Projected Reservoir Levels
  - D. Climate Update
  - E. PG&E Diablo Canyon Power Plant Desalination Update
  - F. Habitat Conservation Plan Update
  - G. Zone 3 Regional Supply Update
  - H. Urban Water Management Plan -- 2015 Update
  - I. Proposed Improvements to Vista Lago Adventure Park at Lopez Lake Recreation Area
  - J. Proposed Improvements to Mustang Waterpark at Lopez Lake Recreation Area
- VI. CAPITAL PROJECTS UPDATE
  - A. Bi-Monthly Update
- VII. ACTION ITEMS (No Subsequent Board of Supervisors Action Required)
  - B. Low Reservoir Response Plan -- Status and Next Steps
- VIII. ACTION ITEMS (Board of Supervisors Action is Subsequently Required)
- IX. FUTURE AGENDA ITEMS
  - A. Contract Renegotiation Discussions
  - B. Funding Groundwater Modeling
  - C. Water Wheeling
- X. COMMITTEE MEMBER COMMENTS

---

Next Regular Meeting is scheduled for  
Thursday, July 21, 2016 at 6:30 PM at Oceano Community Services District  
Agendas accessible online at [SLOCountyWater.org](http://SLOCountyWater.org)

---

---

**NOTICE OF SPECIAL MEETING**  
**FLOOD CONTROL ZONE 3 ADVISORY COMMITTEE**

**WHO:** SAN LUIS OBISPO COUNTY FLOOD CONTROL AND WATER CONSERVATION DISTRICT FLOOD CONTROL ZONE 3 ADVISORY COMMITTEE

**WHEN:** Thursday, May 26, 2016

**TIME:** 6:30 PM

**WHERE:** City of Pismo Beach Council Chambers

Please take notice that the San Luis Obispo County Flood Control and Water Conservation District has called a special Flood Control Zone 3 Advisory Committee meeting to take place on Thursday, May 26, 2016 at 6:30 PM, at the City of Pismo Beach Council Chambers located at 760 Mattie Road, Pismo Beach, California, 93449.

The purpose of this meeting is to:

1. Take the place of a regular scheduled Flood Control Zone 3 Advisory Committee meeting, originally scheduled for Thursday, May 19, 2016. The meeting agenda for the May 19, 2016 meeting did not meet the 72 hours advance notice of the regular meeting in a location "freely accessible to members of the public" in accordance with the Brown Act.

An agenda will be posted prior to the May 26, 2016 Flood Control Zone 3 Special Meeting at <http://www.slocountywater.org/site/>.

**FOR FURTHER INFORMATION:**

For additional information, please contact Andrea M. Montes, Flood Control Zone 3 Secretary, at (805)781-1046 or via email at: [AMontes@Co.SLO.CA.US](mailto:AMontes@Co.SLO.CA.US)

Notice date: 05/19/2016

Andrea M. Montes, Secretary

Flood Control Zone 3 Advisory Committee

**SAN LUIS OBISPO COUNTY FLOOD CONTROL  
AND WATER CONSERVATION DISTRICT  
ZONE 3 ADVISORY COMMITTEE  
DRAFT MEETING MINUTES  
THURSDAY MARCH 17, 2016**

**I. Call To Order/Roll Call** - The Meeting was called to order at 6:30 PM at the Oceano Community Services District by Zone 3 Advisory Committee Chairperson, Paavo Ogren. County Public Works Department Utilities Program Manager and Secretary to the Zone 3 Advisory Committee, Andrea Montes, called role. Members in attendance were:

- Kristen Barneich, City of Arroyo Grande
- Jim Garing, Member at Large
- Vard Ikeda, Agriculture Delegate
- Jeff Lee, City of Grover Beach
- Paavo Ogren, Chairperson - Oceano Community Services District
- Ed Waage, City of Pismo Beach

Quorum was established and the meeting continued.

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

**III. Approval of Meeting Minutes of March 17, 2016** - Member Lee motioned approval of the minutes with a slight modification to his name, correcting it from "Leet" to "Lee" on Page 4 of 31, second line from bottom. (See correction on last page of March 17, 2016 DRAFT Minutes.) Member Waage second the motion. Motion passed unanimously.

**IV. Operations Report** - Ms. Montes indicated the lake elevation was 467.94 acre-feet (AF). Storage was 14,611 AF, which is 30% capacity and 1 to 2 percent higher than January 2016. Rainfall to date was 18.65 inches. Plant production was 2.4 million gallons per day (MGD). Filter Turbidity range was .01 to .03 MGD. Downstream release was 1.8 MGD. And State Water was 1.28 MGD.

Chairman Ogren requested a modification to the water surface elevation graph posted on SLOCountyWater.org to represent percentages and not only AF as it is currently shown.

County Public Works Deputy Director, Mark Hutchinson, indicated State Water deliveries are 45 percent, which is equivalent to 11,250 AFY available to County State Water subcontractors. This equals 6,428 AFY of additional "Table A" supplies, in addition to what is in storage. Mr. Hutchinson indicated County Staff initiated conversations with Central Coast Water Authority (CCWA), Santa

Barbara County regarding opportunities to share this water in some sort of exchange to make additional amounts available to State Water customers and any other agencies with access to the State Water pipeline within San Luis Obispo County for drought relief.

No public comment was given.

## V. Information Items

**A. Present 2nd Quarter FY 15/16 Budget Status** - Joanne Hilker, County Public Works Finance Division Accountant presented the Fiscal Year (FY) 2015-16 2nd Quarter Budget Status report through December 31, 2015 for Flood Control Zone 3.

At 50% of the FY, Zone 3 expenses totaled 42% of the annual budget. Ms. Hilker reviewed the three categories of graphs included in the agenda packet: 1.) Routine Operations and Maintenance (O&M) expenses; 2.) Non-Routine O&M expenses; and 3.) Capital Outlay expenses.

Routine Operations and Maintenance (O&M) at 50% of the fiscal year, expenditures were about 47% of budget, which produced about a \$90,000 in savings due to staff vacancies, which are in the process of being filled. Water Treatment Plant experienced about \$50 K in staff savings; terminal dam about \$14, 000 in staff savings, and the main dam about \$10,000 in staff savings.

Non-Routine O & M, at 50% of the fiscal year, expenditures were approximately 32% of the budget, resulting in about \$99,000 in savings; with the majority of these savings occurring in Lopez Water Rights Habitat Conservation Plan (HCP); Any savings within the HCP are rolled over to next fiscal year for these specific efforts and are not savings realized at year-end.

Capital Outlay expenses at 50% of the fiscal year, expenditures were about 29% of the budget, resulting in \$106,000 of savings at that time. Any year-end savings in this active project will be rolled over for the next fiscal year for continued efforts on active projects. Ms. Hilker further indicated all agencies are current on their payments.

**B. Projected Reservoir Levels** - County Public Works Deputy Director, Mark Hutchinson, indicated a range of predictions estimating somewhere around 14,000 AF at the end of summer, to about 13,000 or 10,000 AF before September, with 10,000 AF being the next step down in the reservoir response plan and 6,000 AF above planning level of minimum pool of 4,000. Mr. Hutchinson indicated the 4,000 AF minimum pool level would be analyzed if and when the reservoir level hits the 10,000 AF level.

**C. Climate Update** - According to the climate slides Ms. Montes presented, California's overall drought conditions appear to be improving, however the

Central Valley and Central Coast are still experiencing extreme drought conditions. She indicated that temperatures are predicted to be above average, and an increase in precipitation for the month of March when compared to January's precipitation.

**D. PG&E Diablo Canyon Power Plant Desalination Update** - Ms. Montes indicated this item to be discussed at the March 22 Board of Supervisors Meeting (BOS). Mr. Hutchinson indicated the next BOS hearing would involve staff returning with conditional reimbursement agreements with each participating agency, a signed water supply agreement with PG&E, and an environmental consulting contract to determine whether or not to move ahead with attempting to gain the Coastal Development Permit.

Chairman Ogren inquired how Zone 3 agencies will be addressed with this issue. Mr. Hutchinson replied, "initially through the Zone 3 Technical Advisory Committee (TAC)". The cost implications for this would be 1,300 AF of water at a capital cost of \$30 million, which works out to be \$2,800 to \$3,800 per AF for delivered water.

Mr. Hutchinson further indicated, the discussion process has moved forward with TAC regarding whether desalination would be for an "Emergency Only Facility" (i.e., only during bona fide emergencies).

Arroyo Grande Public Works Director, Geoff English asked Committee Members whether there is an expectation that Zone 3 agencies participate in or attend governing body meetings at this point for support regarding Desalination staff report. Mr. English indicated Arroyo Grande's expectation is that the desalination plant would serve as a permanent source of water supply as opposed to an emergency source.

Mr. Hutchinson stated the recommendation and the Conditional Reimbursement Agreement is and believes the Board of Supervisors would direct Staff to work with the partnering agencies to find out what is reasonable and feasible and then bring back a recommendation (package) that works for all agencies.

**E. Habitat Conservation Plan Update** - Mr. Hutchinson updated the Committee on the Habitat Conservation Plan (HCP) and indicated 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 (i.e., surplus water availability for downstream needs). He further indicated the intent is to continue working with ECORP Consulting, Inc. and to bring the HCP together with contract amendments.

No public comment was given.

## **VI. Capital Projects Update**

**A. Bi-Monthly Update** - Mr. Hutchinson indicated Cushman Contracting is currently constructing the Lopez Water Treatment Plant (LWTP) 6th rack addition for installation. He explained the rack connection has been on hold due to the discovery of foreign debris in the membrane strainers. In addition, the PLCs have become obsolete and there are issues with the coagulant alarm system. Investigation as to cause and a recommendation for solution is being initiated. Mr. Hutchinson indicated there could be O&M budget implications and further indicated he and Ms. Hilker would present this information and options to the TAC.

Mr. Hutchinson indicated the Turnout SCADA Project is coming to completion and is estimated to be up and running in May.

Mr. Hutchinson indicated the Repair Projects noted in the agenda packets have not started yet. These projects include:

- 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
- WTP Parking Lot Re-surfacing deferred until Spring 2017

No public comment was given.

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

No action items were discussed.

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

**A. Present proposed FY 16/17 budget and endorse** - Ms. Hilker presented a brief overview of the FY 16/17 proposed budget process:

Dec 2015 - Capital Outlay projects identified and prioritized with Zone 3 TAC

Jan 2016 - Proposed budget distributed to Zone 3 Advisory Committee

Feb 2016 - TAC's review of the proposed budget

Feb 2016 - Finance Committees' review of budget

Mar 2016 - Recommend Zone 3 Advisory Committee's endorsement of proposed budget

April 2016 - Agencies will be provided with an updated five-year plan

Jun 2016- Recommend Board of Supervisors review and approval of proposed budget

Ms. Hilker indicated overall expenditures are budgeted to increase 3% since prior FY budget. A budget addendum memo was distributed to the TAC, agencies' finance committees, and the Zone 3 Advisory Committee regarding a minor budget reduction San Miguelito Mutual Water Company's direct billings. This change does not affect any other agencies' contracted budget or billings.

Ms. Hilker asked for the Committee's endorsement of the FY 16/17 Proposed Budget. Member Waage motioned to entertain the FY 16/17 Proposed Budget. Member Barneich second the motion. The Committee unanimously approved the budget to move forward with recommendation to the Board of Supervisors (BOS).

No public comment was given.

**B. Zone 3 District Reserves to fund local match of SWRCB Stormwater Resource Plans grant** - Mr. Hutchinson spoke in regards to \$2.5 million in Zone 3 District Reserves funds. The funds have been collected from general fund property taxes within the boundaries of Zone 3.

Mr. Hutchinson indicated that at the January 21, 2016 Zone 3 Advisory Committee meeting, a \$30,000 expenditure for the Carpenter Creek Bridge was recommended by the Advisory Committee and subsequently appropriated by the Board of Supervisors. In addition, the Committee recommended the TAC consider the issue of the reserve account. Mr. Hutchinson further indicated there was a prior recommendation at the TAC to fund a portion of a cloud seeding feasibility study for \$10,000.

Two other concepts discussed at the February 4 TAC meeting included:

1.) Santa Maria Groundwater Basin Model to predict how the basin would respond to various input and output flows. Mr. Hutchinson stated there is a

proposal for the District to commit to a two-thirds match up to \$250,000, with a third of the cost coming from Nipomo Mesa Management Area (NMMA).

2.) Arroyo Grande Creek Watershed Stormwater Resource Plan, which involves a 50% cost share for a State grant to create a document that will assist with capturing urban runoff and creating a plan to not only keep the runoff clean, but to use it as a water resource. Mr. Hutchinson indicated this plan will be a required element in the future when agencies apply grants to assist with drainage projects or low-impact development projects. He further indicated the City of Arroyo Grande has volunteered to be the Lead Agency of this project, with the San Luis Coastal Resource Conservation District (RCD) being the Project Manager to hire and direct the consultant. It is proposed Zone 3 would meet the local match for the application due date of March 18, 2016. A Letter of Support, for approval by the Committee, was included in the Zone 3 Committee March 17, 2016 Agenda Packet.

Ms. Nicole Smith from the San Luis Coastal RCD provided an update on the grant application. Ms. Smith indicated, the application is focused on creating the Stormwater Resource Plan for both the Arroyo Grande Creek and Pismo Creek watersheds. Letters of support were received from City of Grover Beach, the City of Pismo Beach, Oceano Community Services District (CSD), and City of Arroyo Grande. She further indicated the grant is for \$189,140. If approved by the Zone 3 Advisory Committee, Zone 3 would provide a 50% match to the \$189,140. According to Ms. Smith, grants will be awarded May/June 2016, with the project continuing through 2018.

Member Lee moved a motion to dedicate the reserves balance to public safety related to water quality purposes, and Member Garing second the motion. The motion passed unanimously.

Chairman Ogren made a second motion to approve the Letter of Support regarding Arroyo Grande Creek Watershed Stormwater Resource Plan grant application on behalf of Zone 3 agencies. Member Ikeda second. The motion passed unanimously.

**C. Declaration of Surplus Water** - Chairperson Ogren stated the Declaration of Surplus Water is consistent with the Low Reservoir Response Plan (LRRP). Mr. Hutchinson clarified that "surplus" is a contract term for Zone 3, and *does not* mean "extra water". Mr. Hutchinson indicated the Declaration of Surplus Water involves examining municipal deliveries from last year as compared to the 4,530 AF in the contracts; and the downstream releases as compared to

4,200 AF from the Safe Yield. If the difference between these two factors and what was actually used is a positive number, it is termed "surplus" water and is brought to the Committee for declaration. It is then offered to various subcontractors who have contractual rights to their entitlement percentage of the "surplus" water. However, the LRRP, by agreement with all affected agencies, essentially says each agency will decline its share of "surplus" and the District will reallocate it agency by agency based on what amount each agency used below its previous year's entitlement and any downstream release is kept in the reservoir and not into respective water accounts.

Member Waage motioned to pass the Declaration of Surplus Water process as it applies to LRRP. Member Barneich second the motion. The motion passed unanimously.

No public comment was given.

**IX. Future Agenda Items -**

**A. Contract Renegotiation Discussions**

**B. Funding Groundwater Modeling**

**C. Water Wheeling**

**XII. Committee Member Comments -** Chairman Ogren and Member Waage thanked the City of Arroyo Grande for taking the lead of the SWRCB Stormwater Resource Plans grant.

Member Ikeda stated there are some Agriculture stakeholders who are interested in "surplus" water and why they are not receiving it.

Meeting adjourned at 8:36 PM.

**Next Regularly Scheduled Meeting** Next Regular Meeting is Tentatively Scheduled for Thursday, July 21, 2016 at 6:30 PM at Oceano Community Services District

Respectfully Submitted,

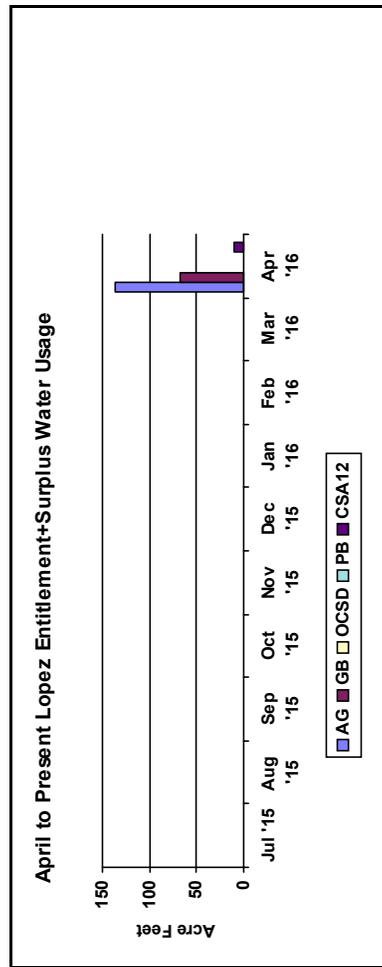
Andrea M Montes, County of San Luis Public Works

# San Luis Obispo County Flood Control and Water District

## Zone 3 - Lopez Project - Monthly Operations Report

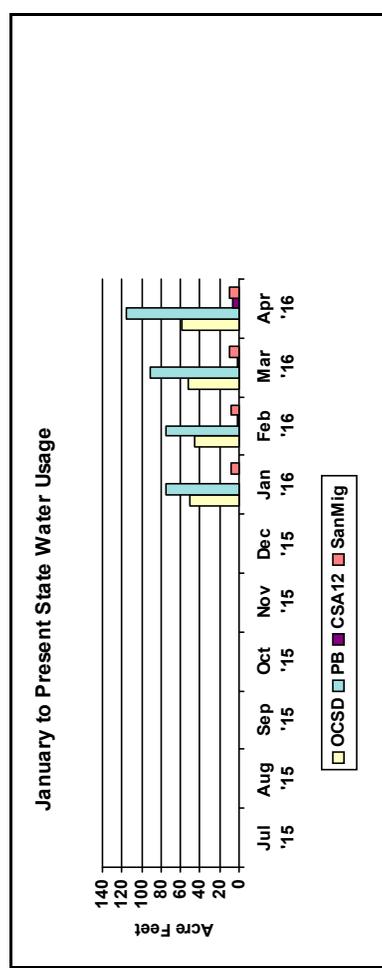
### April, 2016

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 %	Surplus %	Usage	%	Usage	%	Total	Usage	%	Annual Request	Usage	% of Annual Request	SWP Deliveries	Change in Storage	Usage	% of Annual Request	SWP Deliveries	
Arroyo Grand	2061	936.60	2997.60	136.63	6.6%	0.00	0.0%	0.00	0.0%	136.63	4.6%	750	59.05	7.9%			206.96		27.6%		136.63
Oceano CSD	272.7	713.10	985.80	0.00	0.0%	0.00	0.0%	0.00	0.0%	0.00	0.0%										59.05
Grover Beach	720	307.90	1027.90	66.63	9.3%	0.00	0.0%	0.00	0.0%	66.63	6.5%	1240	116.21	9.4%			357.17		28.8%		66.63
Pismo Beach	802.8	1227.60	2030.40	0.00	0.0%	0.00	0.0%	0.00	0.0%	0.00	0.0%	57	5.73	10.1%			8.42		14.8%		116.21
CSA 12	220.5	390.20	610.70	10.13	4.6%	0.00	0.0%	0.00	0.0%	10.13	1.7%	110	10.25	9.3%			35.10		31.9%		15.86
San Miguelito												2157	191.24	8.9%	193	1.76	607.65		28.2%	527.00	404.63
<b>Total</b>	<b>4077</b>	<b>3575.40</b>	<b>7652.40</b>	<b>213.39</b>	<b>5.2%</b>	<b>0.00</b>	<b>0.0%</b>	<b>0.00</b>	<b>0.0%</b>	<b>213.39</b>	<b>2.8%</b>	<b>2157</b>	<b>191.24</b>	<b>8.9%</b>	<b>193</b>	<b>1.76</b>	<b>607.65</b>	<b>28.2%</b>	<b>527.00</b>	<b>-68.22</b>	<b>404.63</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)	467.48	-54.89
Storage (full at 49200 acre feet)	14347	29.2%
Rainfall	0.66	19.10
Downstream Release (4200 acre feet/year)	171.55	171.55
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 2.20 AF delivered to Canyon Crest was added to Oceano's State Water usage this month and 2.20 AF was subtracted from Arroyo Grande's usage this month.



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

Wade Horton, Director

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

Fax (805) 781-1229

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



**May 19, 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, Third Quarter Budget Status Fiscal Year 2015/16

**Recommendation**

The item to be received and filed.

**Summary**

Attached please find the third quarter budget versus actual results for the fiscal year 2015/16. The \$4.7 million dollar budget is broken into three categories: Routine O&M expenditures (\$3.3 million), Non-Routine O&M expenditures (\$616,000), and Capital Outlay expenditures (\$783,000). For the three months that comprised the third quarter, expenditures were under the quarterly budget by \$293,000. At 75% of the fiscal year, expenditures totaled approximately 61% of the annual budget.

Total Budget	Expenses through Q3	Balance Available	% of Budget Expended
4,700,257	2,883,384	1,846,873	61%

**Routine O&M** annual budget is approximately \$3.3 million dollars. At 75% of the fiscal year, expenditures were 69% of the budget which results in approximately \$1 million dollars of available balance for the remainder of the year.

Total Budget	Expenses through Q3	Balance Available	% of Budget Expended
3,331,420	2,287,162	1,044,258	69%

Due to multiple staff vacancies during portions of the fiscal year, at 75% of the fiscal year, labor and overhead expenditures were at 67% of budget. Staffing vacancies produced labor and overhead

savings of \$173,000 in the 3<sup>rd</sup> quarter, and \$681,000 of available balance in labor and overhead for the remainder of the fiscal year.

**Non Routine O&M** annual budget is approximately \$616,000 dollars<sup>i</sup>. At 75% of the fiscal year, expenditures were approximately 41% of budget, which results in approximately \$362,000 dollars of available balance. Unspent balances at year-end for most efforts in this category will be carried into the following fiscal year for continued work.

Total Budget	Expenses through Q3	Balance Available	% of Budget Expended
615,852	253,539	362,313	41%

The majority of the balance available in this category (\$214,000) is due to 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 \$783,000 dollars. At 75% of the fiscal year, expenditures were approximately 44% of budget, which results in approximately \$440,000 dollars of available balance for the remainder of the year. Unspent balances at year-end will be carried into the following fiscal year to continue the projects through completion.

Total Budget	Expenses through Q3	Balance Available	% of Budget Expended
782,985	342,683	440,302	44%

The balance available in this category is a result of staff vacancies during portions of the fiscal year that reduced work on these projects.

**Other Agency Involvement/Impact**

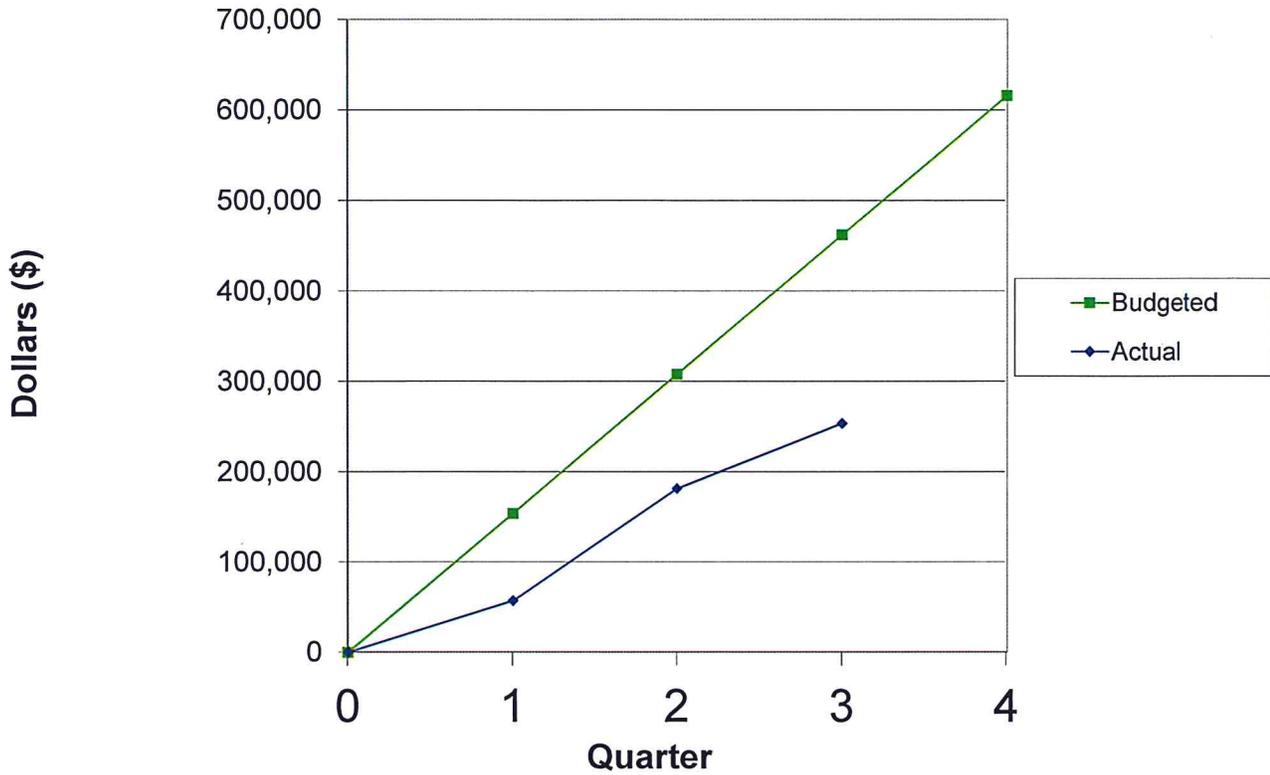
The agencies involved are: City of Arroyo Grande, City of Grover Beach, City of Pismo Beach, Oceano Community Services District, and County Service Area 12. Subcontractors of CSA 12 include Port San Luis Harbor District and Avila Beach Community Services District.

**Financial Consideration**

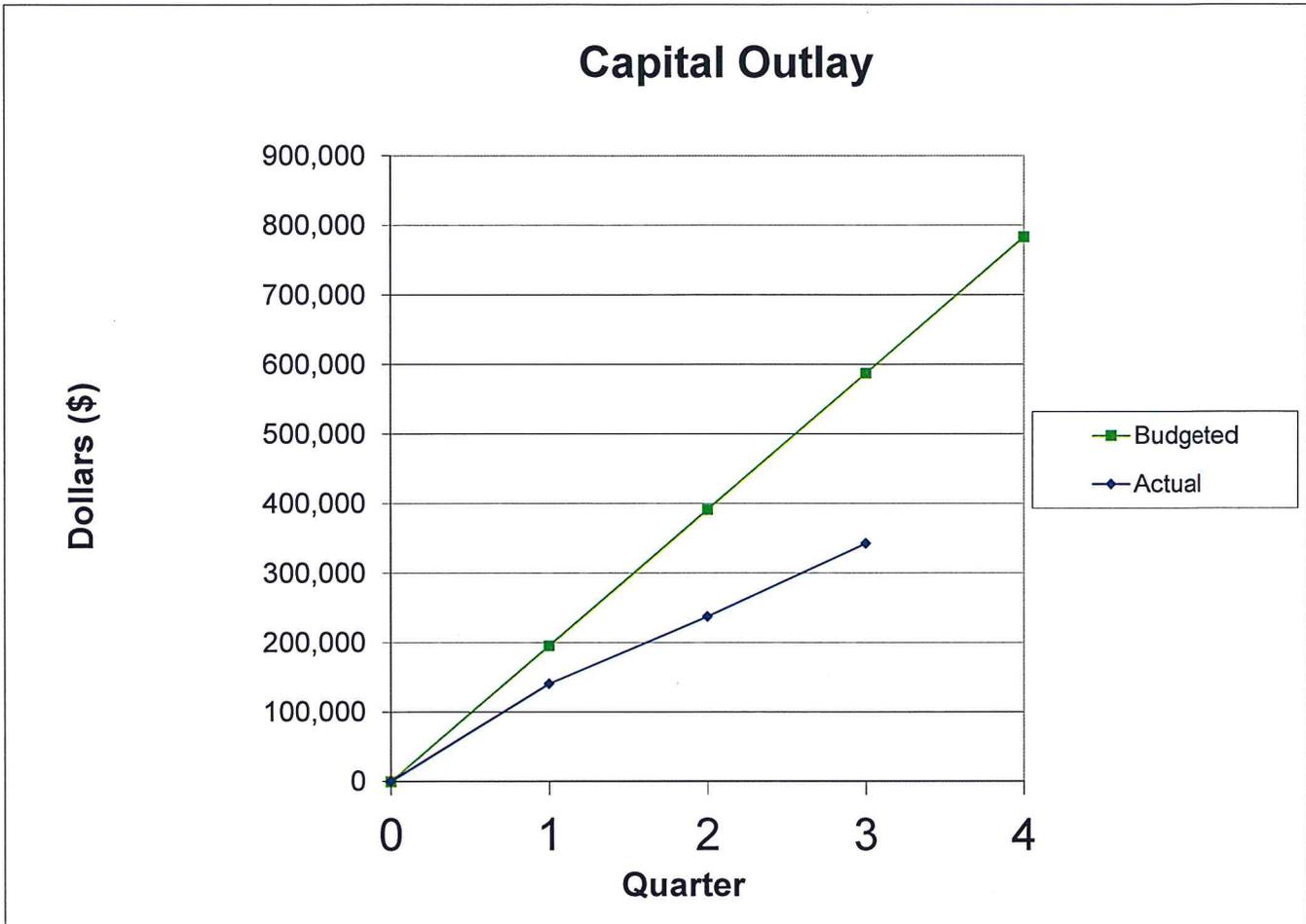
All agencies are current on their payments. 1<sup>st</sup> installment billings for FY2016-17 will be mailed May 1, 2016 and payment is due July 1, 2016.

<sup>i</sup> (1) 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 (net zero); (2) 2/9/16, \$30,000 of budget was transferred from Reserves to Non Routine O&M Meadow Creek Diversion Channel (3) Qtr 3, \$25,000 of budget transferred from Capital Outlay for PLC Replacement and Programming project to Non Routine O&M due to project's reclassification between categories (net zero.)

## Non-Routine Operation and Maintenance

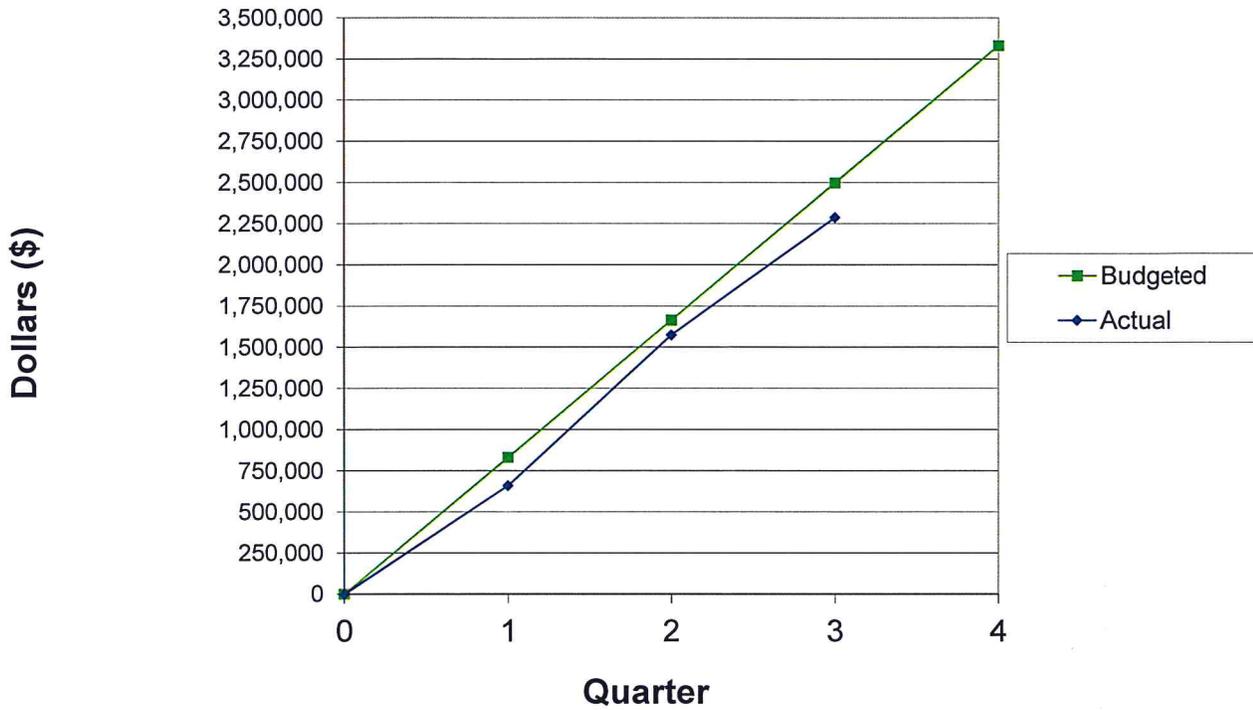


O&M Non Routine Category	Total Budget	1st Quarter	2nd Quarter	3rd Quarter	4th Quarter	Total	Total Exp as % of Budget	Total Balance Avail
Labor and Overhead	104,411	13,743	28,032	26,199	-	67,974	65%	36,437
Lopez Water Rights /HCP	376,848	41,240	83,352	38,822	-	163,414	43%	213,434
Pigging	24,483	-	-	-	-	-	0%	24,483
Terminal Resvr Intake Repair	29,014	-	-	-	-	-	0%	29,014
Equipment Replacement Planning	25,000	-	7,767	-	-	7,767	31%	17,233
Meadow Creek Diversion Channel	30,000	-	-	16	-	16		29,984
PLC Replacement and Programming	25,000	-	-	-	-	-		25,000
Other	1,096	2,140	5,116	7,112	-	14,368	1311%	(13,272)
<b>Expenses</b>		<b>57,123</b>	<b>124,267</b>	<b>72,149</b>	<b>-</b>	<b>253,539</b>	<b>41%</b>	<b>362,313</b>
<b>Budget</b>	<b>615,852</b>	<b>153,963</b>	<b>153,963</b>	<b>153,963</b>	<b>153,963</b>	<b>615,852</b>		
<b>Variance (over)/under</b>		<b>96,840</b>	<b>29,696</b>	<b>81,814</b>		<b>208,350</b>		
<b>% Variance</b>		<b>63%</b>	<b>19%</b>	<b>53%</b>				



Capital Outlay Projects	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	7,116		189,217	61%	120,322
WTP 6th Membrane Filtration Module Addition	291,946	24,997	28,059	97,862		150,918	52%	141,028
VFD Replacement Project	45,000	317	-	71		388	1%	44,612
Power Monitoring Project	30,000	257	222	296		775	3%	29,225
Lopez Dam Repair V-Ditch Adjacent to Spillway	25,000	60	320	121		501	2%	24,499
WTP Resurface Parking Lot	81,500	317	320	246		884	1%	80,616
<b>Expenses</b>		<b>141,284</b>	<b>96,399</b>	<b>105,000</b>	<b>-</b>	<b>342,683</b>	<b>44%</b>	<b>440,302</b>
<b>Budget</b>	<b>782,985</b>	<b>195,746</b>	<b>195,746</b>	<b>195,746</b>	<b>195,746</b>	<b>782,985</b>		
<b>Variance (over)/under</b>		<b>54,462</b>	<b>99,348</b>	<b>90,746</b>		<b>244,556</b>		
<b>% Variance</b>		<b>28%</b>	<b>51%</b>	<b>46%</b>				

## 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	392,457	-	1,353,291	67%	681,610
Chemicals - Water Treatment Plant	261,649	56,481	69,721	56,008	-	182,210	70%	79,439
Utilities - Water Treatment Plant	217,746	53,421	48,617	40,128	-	142,166	65%	75,580
Vendors - Water Treatment Plant	258,946	60,850	154,156	89,846	-	304,852	118%	(45,907)
Terminal	42,063	6,326	11,594	31,480	-	49,400	117%	(7,338)
Main Dam	104,517	17,350	23,332	36,903	-	77,585	74%	26,932
Other	411,599	35,897	76,534	65,226	-	177,657	43%	233,941
<b>Expenses</b>		<b>660,059</b>	<b>915,054</b>	<b>712,048</b>	<b>-</b>	<b>2,287,162</b>	<b>69%</b>	<b>1,044,258</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>(82,199)</b>	<b>120,807</b>		<b>211,403</b>		
<b>% Variance</b>		<b>21%</b>	<b>-10%</b>	<b>15%</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

Fax (805) 781-1229

email address: [pwd@co.slo.ca.us](mailto:pwd@co.slo.ca.us)



**May 19, 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, Fiscal Year 2016/17 Budget Update

**Recommendation**

The item to be received and filed.

**Summary**

On March 17, 2016, the Flood Control Zone 3 Advisory Committee (AC) endorsed the FY2016/17 budget with the caveat that their recommended dedication of the Zone 3 Designated Reserves be included in the budget submittal for consideration by the County Board of Supervisors during Budget Hearings.

To accommodate the AC's direction, the following narrative has been included in the "Resolution Adopting the County Budget and Budgets for Board Governed Districts for Fiscal Year 2016-2017."

Flood Control Zone 3 (Lopez Lake)

Funds Lopez Dam maintenance, water treatment, and water distribution services. Ongoing efforts include the Arroyo Grande Creek Habitat Conservation Plan (HCP) and ongoing capital outlay management that remains at the targeted level of approximately \$550,000 per year.

Flood Control Zone 3 reserves include:

- #1 Contractor Funded Reserves - financed and used by Contractors to stabilize billings in years with higher capital needs.
- #2 District Funded Operating Reserves - held at approximately 50% of routine operations and maintenance costs.
- #3 District Funded Designated Reserves - set aside for significant maintenance and capital costs within the Flood Control and Water Conservation District.

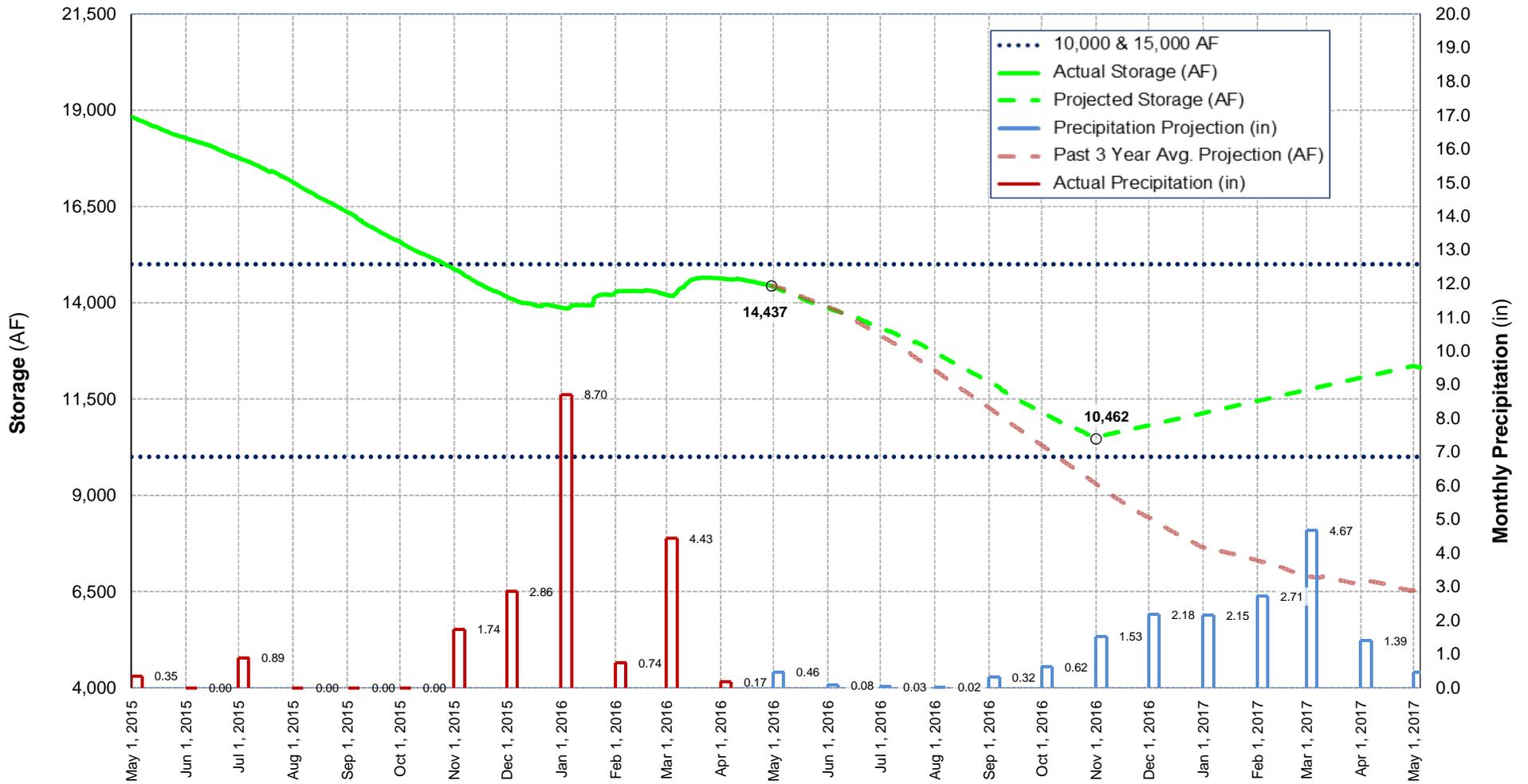
The 2016/17 budget was endorsed by the Flood Control Zone 3 Advisory Committee on March 17, 2016. As a part of their endorsement, the Advisory Committee recommends utilizing the District Funded Designated Reserves (#3 above) towards Zone 3 efforts shown in the following chart. Specific requests to utilize these funds will be brought to your board either via the annual budget process or mid-year requests.

Estimated Amount	District Funded Designated Reserves (#3 above) Utilization Plan	Status
\$30,000	Carpenter Creek Bridge	Funding awarded by BOS (2/9/16)
\$10,000	Cloud Seeding Feasibility Study	Pending
\$250,000	Santa Maria Groundwater Basin Model	Pending
\$189,376	Arroyo Grande Creek Watershed Stormwater Resource Plan (Prop 1 Grant match)	Grant application submitted. Awaiting award status.
\$559,353 <i>(projection)</i>	Public safety related to water quality and quantity purposes	As needed
<b>\$1,038,729</b> <i>(projection)</i>	<b>TOTAL District Funded Designated Reserves</b>	

# Lopez Reservoir Storage Projections

(precipitation scenario source: www.LongRangeWeather.com)

Revised: 4/30/2016

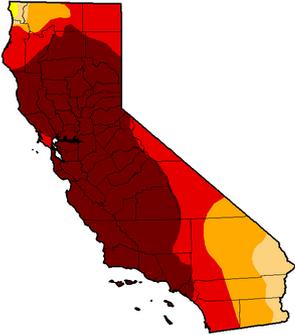


**Notes:**

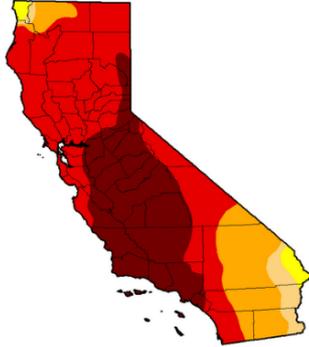
- For "Dry Months" (April - October), projected increases and/or decreases in storage estimated to mimic conditions from 2015.
- For "Wet Months" (November - March), projected storage declines assume LRRP annual downstream release of 3,800 AFY and deliveries of 4,077 AFY.
- For "Wet Months", projected 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.
- Rainfall projection provided by www.LongRangeWeather.com, and updated 3/31/2016. Evaporation included in storage projection.
- Past 3 Year Avg. Projection uses historic daily capacity changes averaged from 2013, 2014, 2015

# U.S. DROUGHT MONITOR

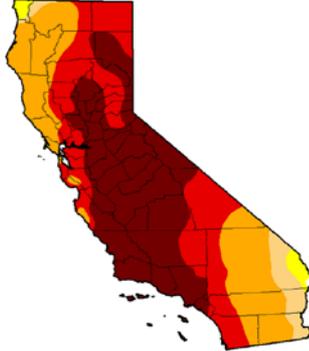
November 2014



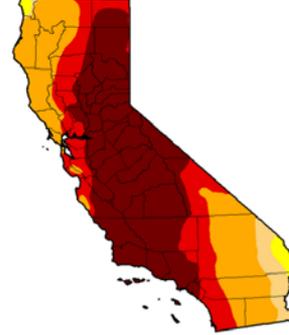
January 2015



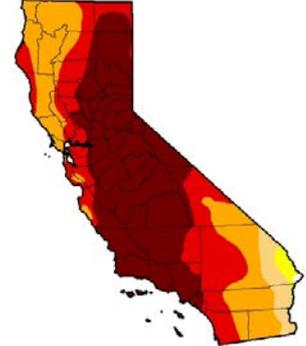
February 2015



May 2015



July 2015



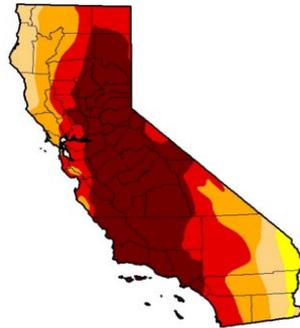
September 2015



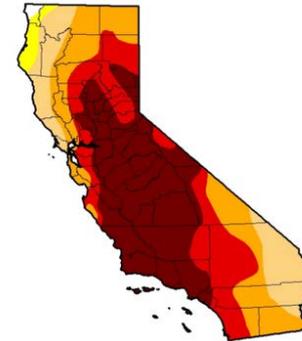
November 2015



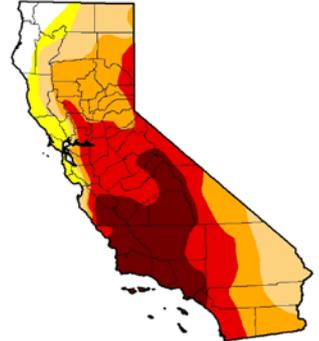
January 2016



March 2016



May 2016



## Intensity:

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

- D3 - Extreme Drought
- D4 - Exceptional Drought

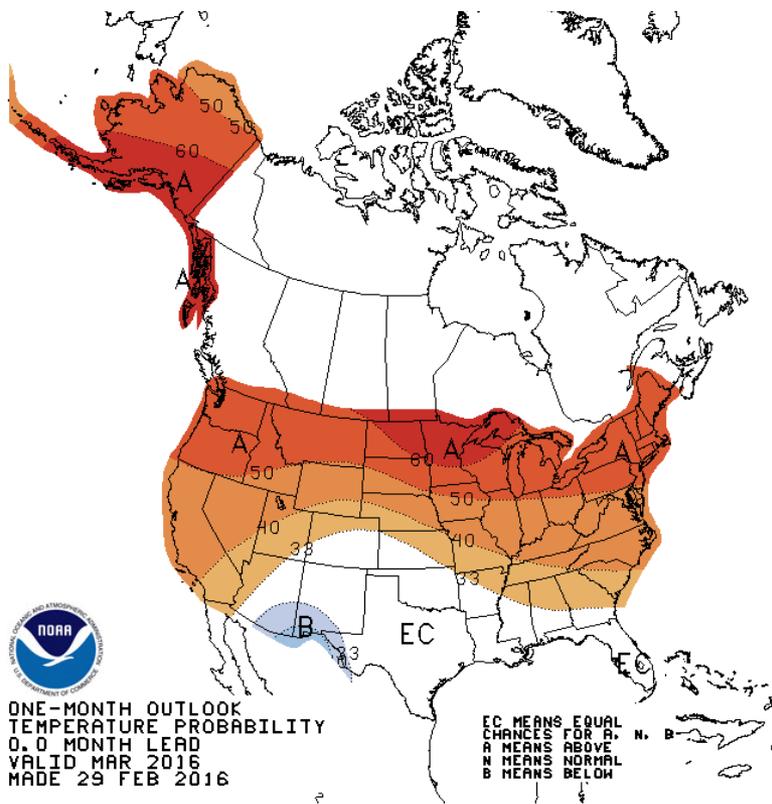
Permission to reproduce the map

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.

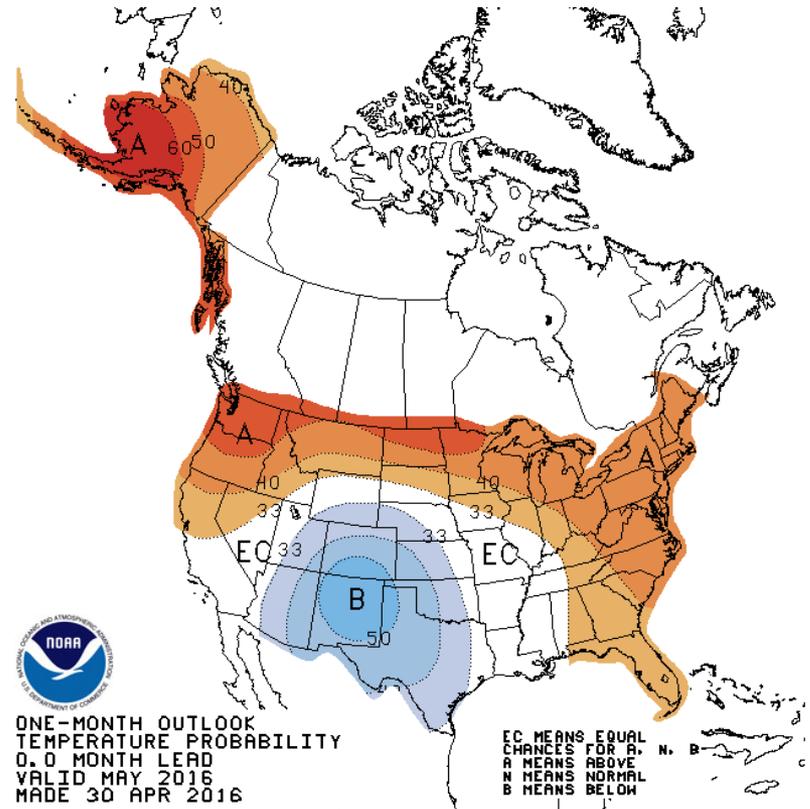
# NOAA TEMPERATURE FORECAST

## March



## March Meeting

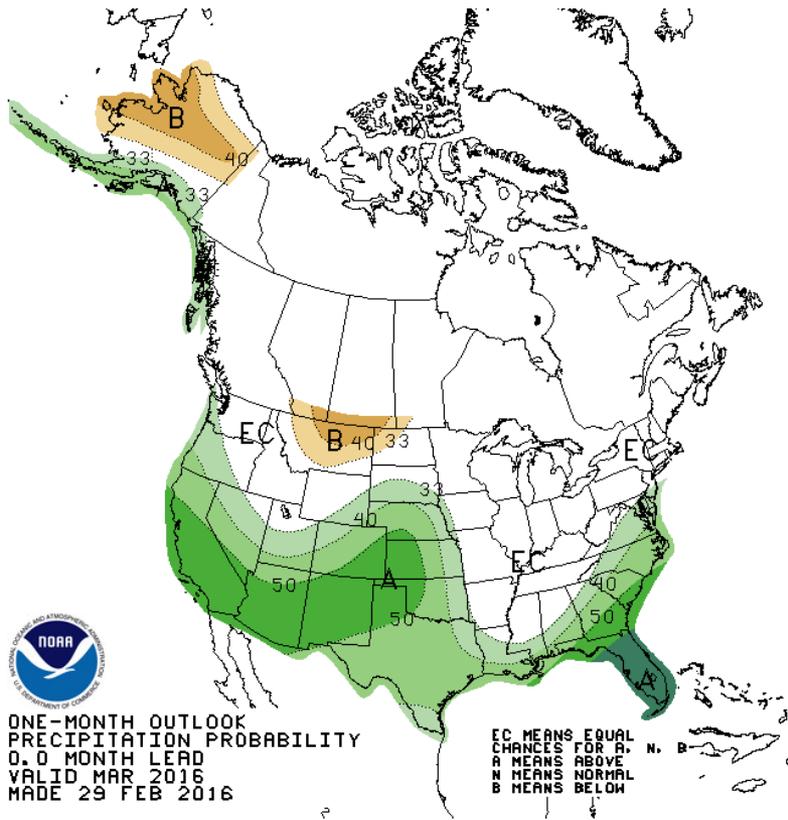
## May



## May Meeting

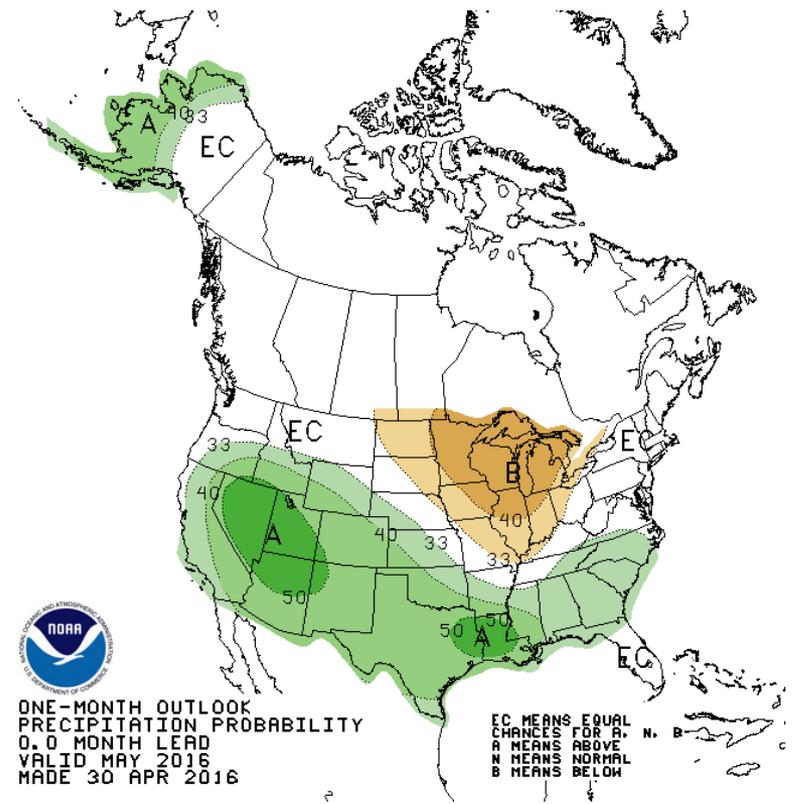
# NOAA PRECIPITATION FORECAST

## March



## March Meeting

## May



## May Meeting



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

Wade Horton, Director

---

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

Fax (805) 781-1229

email address: [pwd@co.slo.ca.us](mailto:pwd@co.slo.ca.us)



TO: Zone 3 Advisory Committee

FROM: Katie Drexhage, Environmental Resource Specialist

DATE: May 19, 2016

SUBJECT: Lopez Water Project HCP Status Update

HCP Update

No change to update from March which stated:

At your November 19, 2015 meeting, District staff stated that the proposed Downstream Release Program would be presented to the TAC in January 2016, 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.

Water Rights Permit Update

District staff received the draft hydrologic report, which is needed to file a change petition to the existing Permit 12814 to include direct diversion, from ECORP in late 2015 and provided comments to ECORP on March 1st. A revised hydrologic report will be submitted to the District by May 13th. ECORP has also prepared a draft of the petition for extension of time that is required in order to move forward with the change petition. District staff is reviewing the draft petition for extension and will return comments by the end of the month.

Staff from the State Water Resources Control Board will meet with District staff in early June to discuss the Lopez Water Project's pending Water Rights Permit, and perhaps tour the Lopez facilities. This is an excellent opportunity for District staff to discuss the water rights process and progress, next steps required to complete the process, and to provide the State Water Resources Control Board with the details of the various factors that may affect the process (i.e., SGMA).



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

Wade Horton, Director

---

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

Fax (805) 781-1229

email address: [pwd@co.slo.ca.us](mailto:pwd@co.slo.ca.us)



To: Zone 3 Advisory Committee

From: Nola Engelskirger, Engineer

Date: May 19, 2016

Subject: 2015 Urban Water Management Plan Update

### Background

The Zone 3 Urban Water Management Plan (UWMP) 2015 Update has been prepared in response to the Urban Water Management Planning Act (Act), California Water Code Sections 10610 through 10650. Every urban water supplier<sup>1</sup> is required to prepare and adopt an urban water management plan and then update its plan every five years to comply with the Act.

The District contracted with Wallace Group to prepare the UWMP. The UWMP was completed in coordination with the Cities of Arroyo Grande, Pismo Beach, Grover Beach, and the communities of Avila Beach (including Avila Beach CSD, Port San Luis Harbor District, and CSA 12). The UWMP was also prepared to be consistent with the County-wide Water Master Plan and the Integrated Regional Water Management Plan. The UWMP was reviewed with the Zone 3 TAC on April 7 and May 5.

The District will hold a Public Hearing at the regularly scheduled Board of Supervisors meeting on Tuesday, June 7, 2016, to review and discuss the plan. The UWMP is scheduled to be adopted immediately subsequent to the public hearing.

### Discussion

The District first prepared an UWMP for Zone 3 in 2005 which was updated in 2010 and accepted by the Department of Water Resources (DWR) as complete on February 23, 2012. The 2015 Plan Update which was prepared using DWR's "Guidebook for 2015 Urban Water Management Plans: Wholesale Water Suppliers" (Guidebook). Many of the plan elements including details of the Zone 3 entity, system description, system water use, system supplies, supply reliability, and water shortage contingency planning did not appreciably change from the 2010 UWMP.

Much of the focus of the 2015 Plan Update was on how the District as a wholesaler assisted its retail water suppliers (Contract Agencies) in achieving 20x2020 targets and implementation goals. SBx7-7 substantially expanded the role of UWMPs by requiring all urban water suppliers report their progress on 20% reduction in per capita urban water consumption. Since Zone 3 is a wholesale agency and does not have retail customers, Zone 3 does not have per capita water reduction targets to meet. Instead, Zone 3 is required to provide assistance to its Contract Agencies in achieving their targets. The District has and intends to continue to support its Contract Agencies in their water conservation efforts with the following measures and programs:

\* Participation in the countywide Partners in Water Conservation, and though that affiliation proportionally contributes financially to a Water Wise Water Conservation website <http://www.slowaterwiselandscaping.com/> aimed at increasing the public's water conservation awareness;

\* Public outreach in the press, at Farmer's Markets within Zone 3, and at festivals within Zone 3;

\* Informational updates to the County's Water Conservation web site including plumbing retrofit and cash for grass rebate information;

\* Promotion of water conservation through social media campaigns, i.e, Public Works tweets on ways to save water as part of #WaterWiseWednesday; and

\* Promotion of water conservation through school education program(s) within Zone 3.

Zone 3 staff will continue to work with Contract Agencies to encourage and support the above measures and programs, as resources are available. Additionally, the District has a designated Water Conservation Coordinator that is charged with leading these efforts county-wide. Opportunities to collaborate on a regional level, and reduce individual efforts, will be presented to the Zone 3 Contract Agencies when available.

The Cities of Arroyo Grande, Pismo Beach and Grover Beach are required to prepare their own Urban Water Management Plans and, as retailers, will have additional water conservation measures and programs that they have implemented.

As part of the Urban Water Management Plan, a system water audit was performed and is anticipated to be performed annually in the future. The audit resulted in identification of a water gain, which is due to inaccurate flow measurement. In order to better quantify and track the water in the system, the Plan includes recommendations to test, calibrate and replace meters as necessary. There are a total of 30 meters throughout the Lopez Distribution System to measure flows delivered to the Contract Agencies. Meters in the Avila area were recently replaced. Three meters at Oceano, Vista Del Mar, and Bello are proposed for replacement in Fiscal Year 2016-17.

#### Financial Considerations

Preparation of the Plan in accordance with the Act is necessary to remain compliant with State requirements as well as remain eligible for water management grant funding programs administered by DWR (such as IRWM Prop 1E and 84 grant programs).

An estimated amount of \$60,000 is expected to be spent out of the Zone 3 budget (552R235670, FY2015/16) to complete, adopt and submit the Plan to DWR as required by July 1, 2016. Additionally, in future years it is estimated to cost approximately \$20,000 to conduct the annual water loss audit and complete recommended meter testing, calibration and replacements.

Every year, approximately \$30,000 is budgeted in Flood Control General (450R140203) for the Water Conservation Coordinator to complete work efforts associated with implementing the County's overall water conservation program, including coordination with the Contract Agencies as necessary to collaborate on water conservation programs and measures.

**Flood Control and Water Conservation District, Zone 3**  
**AGENDA ITEM TRANSMITTAL**  
**May 19, 2016**

**TO: Flood Control and Water Conservation District Advisory  
Committee, Zone 3**

**FROM: Larry Iaquinto, County Parks Superintendent**

**SUBJECT: Vista Lago Adventure Park Improvements Proposal at Lopez Lake  
Recreational Area**

**Purpose:**

To inform the District, as per the operating agreement between the District and County Parks, that the existing concessionaire, EcoLearn LLC dba Vista Lago Adventure Park, is seeking to add two additional zip lines within the Lopez Lake Recreation Area (LLRA).

**Discussion:**

EcoLearn LLC dba Vista Lago Adventure Park has been operating the aerial challenge course and zip line park for approximately 16 months within the Vista Lago Area of LLRA. Vista Lago Adventure Park is a facilitated aerial challenge course built on wood poles with minimal impact to the surrounding environment. The adventure park includes a main aerial challenge course consisting of 25-30 elements on two different heights, a beginner's / children's course with 8-10 elements, 4 zip lines between elements and a Quick Jump™ free fall element (See Attachment 1).

The intent of the concessionaire was to eventually expand the park after operating for a period of time, determine types of user demand and how they may be able to accommodate it, and remain competitive in the industry. EcoLearn LLC has proven themselves to be a very competent company and a good partner with County Parks. They have approached County Parks with a plan to add two zip lines to the existing park as shown in attachment 2. Additionally they will be removing one of the existing shorter zip lines (350') that has rarely been utilized. One of the new zip lines will span approximately 1400' from an existing platform in the Adventure Park to the destination point shown in attachment 2. Then from there the second line will span 700' back to the existing landing platform. These additional zip lines would be exciting zip runs that would attract a lot of attention to their facility and to County Parks.

As per County Parks agreement with the District, Section 7, Construction On Premises, County Parks is noticing the District of our support for this project and intention to move forward provided all applicable permits and approvals associated with the design and operation of this type of facility are obtained.

Vista Lago Adventure Park is located in a high use area of the Lopez Lake Recreation Area between the Mustang Water Park and Vista Lago swim area (See attachment 3). This facility

has quickly become popular and these proposed improvements would make it a more popular tourist destination. The two additional proposed zip lines would also be located in the active part of the LLRA as to be sensitive to the passive areas of this dynamic facility.

County Park's staff is offering support for this proposal as it aligns with the County Parks mission statement of providing diverse recreational opportunities for the public. A Cultural Resources Inventory Report (CRIR) was completed in May of 2014 as part of the project requirements when this facility was first built. The CRIR included the area where these two new zip lines are proposed to be installed. The project improvements will have little impact to the area. The majority of the improvements for this project will be installed over the existing adventure park facility and a smaller portion will terminate at the island adjacent to the adventure park. Then, the second zip line will carry the rider from that point back to the existing landing area (see attachment 2). It is the intent of EcoLearn LLC to not disturb any trees as a result of this project. However County Parks will require additional native tree and other plantings to screen the improvements as needed and enhance the surrounding area. The existing concessionaire agreement between County Parks and Ecolearn LLC dba Vista Lago Adventure Park would be modified to include all construction and operational costs for the facility to be the responsibility of the concessionaire. This project was on the April agenda of the Parks and Recreation Commission and gained full support. The amendment to the existing concessionaire agreement will go to the Board of Supervisors for approval tentatively in May 2016.

**Other Agency Involvement:**

SLO County Parks, the Parks and Recreation Commission, Planning, and the Board of Supervisors either have contributed, or will be, contributing throughout the planning, implementation and approval process of this proposal.

**Financial Considerations:**

There is no financial impact to the District for the implementation and operation of the Vista Lago Adventure Park improvements as outlined in this report. All associated costs will be the responsibility of the concessionaire.

**Attachments:**

- Attachment 1 – Existing Vista Lago Adventure Park Pictures
- Attachment 2 – Proposed New Zip Lines
- Attachment 3 – LLRA Vista Lago Active Area

Attachment 1



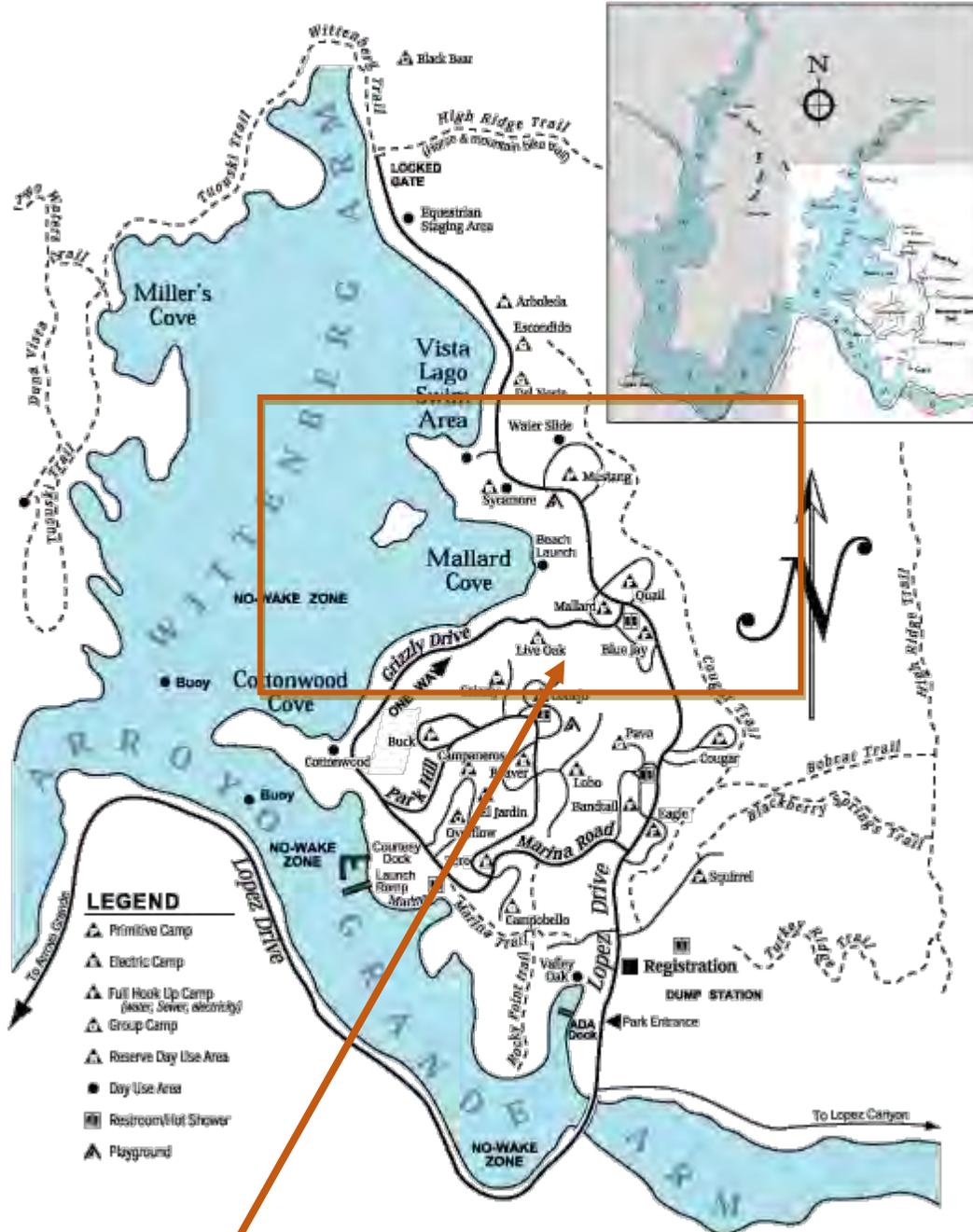
# Vista Lago Adventure Park



new lines  
existing lines

Existing Vista Lago Adventure Park Area

# LOPEZ LAKE RECREATION AREA



LLRA Active Recreation Area

**Flood Control and Water Conservation District, Zone 3**  
**AGENDA ITEM TRANSMITTAL**  
**May 19, 2016**

**TO: Flood Control and Water Conservation District Advisory  
Committee, Zone 3**

**FROM: Larry Iaquinto, County Parks Superintendent**

**SUBJECT: Mustang Water Park Improvements Proposal at Lopez Lake Recreational Area**

**Purpose:**

To inform the District, as per the operating agreement between the District and County Parks, that the existing concessionaire, Amaezing Waterpark Inc, a California S Corporation, dba Mustang Water Park, is seeking to increase area for their operations and add three additional features within the Lopez Lake Recreation Area (LLRA).

**Discussion:**

Amaezing Waterpark Inc. dba Mustang Waterpark, took over the concession operations of the waterpark nearly one year ago. The waterpark was in need of several repairs and upgrades to this aging facility. The new concessionaire completed measurable renovations within the park in a very short time prior to opening to the public over the Memorial Day week end in May of 2015. As a result of these efforts, their first year of operation was very successful, attracting many new and return visitors. The waterpark consists of several slides and water pools for visitors to enjoy in the warmer months of the year. Business has been seasonal due to the nature of the industry. As a result, and in an effort to maintain a healthy business, the concessionaire is requesting to utilize three additional small areas for expanding their services to the public.

One of the requested areas is on the southeast side of the waterpark. The concessionaire is proposing to relocate their fencing to include this area as shown (See attachment 1). A human maze feature will be installed at this location allowing the concessionaire to operate this part of the facility year round. This feature will have the ability to be easily reconfigured with interlocking components to change up the maze regularly keeping it fresh and a different challenge for users when they visit the park. Additionally, the maze will be decorated for different holidays each year and will be exciting and attract a wide variety of users. The second area proposed for expansion is located on the northeast side of the waterpark. The concessionaire is requesting to make a small extension of their sitting area where they may place an additional 5 or 6 picnic tables to allow for much needed seating (See attachment 2). And finally, the third area is located at the front entrance of the waterpark where the concessionaire will store rental bikes during hours of operation and then bring them inside the facility at night. It is possible that the concessionaire will place some kind of approved decorative fencing in this area to make it secure.

As per County Parks agreement with the District, Section 7, Construction On Premises, County Parks is noticing the District of our support for this project and intention to move forward

provided all applicable permits and approvals associated with the design and operation of this type of facility are obtained.

Mustang Waterpark is located in a high use area of the Lopez Lake Recreation Area across from the Vista Lago Adventure Park and Vista Lago swim area (See attachment 4). With the renovation and quality operation of this facility, the new concessionaire has rejuvenated interest at the waterpark. However in an effort to sustain the business in the off season and keep this facility a destination spot year round, it is necessary to expand the services provided by Mustang Waterpark.

County Park's staff is offering support for the three small areas of expansion proposed by Mustang Waterpark as it aligns with the County Parks mission statement of providing diverse recreational opportunities for the public.

The existing concessionaire agreement between County Parks and Amazing Waterpark dba Mustang Waterpark, would be modified to include all construction and operational costs for the facility to be the responsibility of the concessionaire. This project was on the April agenda of the Parks and Recreation Commission and gained full support. The amendment to the existing concessionaire agreement will go to the Board of Supervisors for approval tentatively in May 2016.

**Other Agency Involvement:**

SLO County Parks, the Parks and Recreation Commission, and the Board of Supervisors either have contributed, or will be, contributing throughout the planning, implementation and approval process of this proposal.

**Financial Considerations:**

There is no financial impact to the District for the implementation and operation of the Mustang Waterpark improvements as outlined in this report. All associated costs will be the responsibility of the concessionaire.

**Attachments:**

- Attachment 1 – Proposed Area for Human Maze
- Attachment 2 – Proposed Sitting Area
- Attachment 3 – Proposed Bike Rental Area
- Attachment 4 – Location Map

Attachment 1

Area of Expansion for the Human Maze



Existing Waterpark Facility

Proposed Human Maze Site

## Attachment 2

### Proposed Expanded Sitting Area



Existing Mustang Waterpark

Approximate  
Proposed Sitting Area

# Attachment 3

## Proposed Bicycle Storage (Rental) Area



Existing Mustang  
Waterpark Entrance

Approximate Location for  
the Bicycle Storage Area

Attachment 4

Lopez Lake Active Recreational Area



Vista Lago Adventure Park

Vista Lago Swim Area

Mustang Water Park



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

Wade Horton, Director

---

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

Fax (805) 781-1229

email address: [pwd@co.slo.ca.us](mailto:pwd@co.slo.ca.us)



**TO:** Zone 3 Advisory Committee

**FROM:** Joshua Roberts, PE  
Capital Projects Manager

**DATE:** May 19, 2016

**SUBJECT:** Capital Projects Update

**Project Updates:**

- 6<sup>th</sup> Rack Addition
  - Construction 80% complete
  - Completion has been delayed until Membrane strainers have been resolved
  - Approximately 2 weeks required to complete install
  
- Membrane Strainer Replacement Project
  - Contract awarded to MKN for investigation report and Plans, Specs and Estimates
  
- PLC Replacement & Programming
  - Equipment ordering in process
  
- Power Monitoring
  - Recurrent issues have lessened since meeting with PG&E staff
  - Delayed pending completion and assessment of NWP PM project
  
- Lopez Dam - Repair V-Ditch adjacent to Spillway
  - Developing scope of work for investigation and recommendations
  
- Turnout SCADA Project
  - 9 of 10 locations installation complete with punch list items (minor)
  - 10<sup>th</sup> location awaiting power from PG&E (30 day est.)
  - Cannon to install 10<sup>th</sup> and wrap punch list to go live following PG&E (60 day est.)
  
- Equipment Replacement Program
  - VFD replacement plan in process
  
- Parking & Roadway Resurfacing
  - In design for FY 16/17