



## ZONE 3 ADVISORY COMMITTEE

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San Luis Obispo County Flood Control and Water Conservation District

### AGENDA

Thursday, November 16, 2017 6:30 P.M.  
City of Arroyo Grande

- 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 SEPTEMBER 21, 2017
- IV. APPROVAL OF 2018 MEETING SCHEDULE
- V. OPERATIONS REPORT
  - A. Water Plant Operations, Reservoir Storage, Downstream Releases
  - B. Projected Reservoir Levels
- VI. INFORMATION ITEMS
  - A. 1<sup>ST</sup> Quarter Budget Status
  - B. Climate Update
  - C. Update on the Lopez Spillway
- VII. CAPITAL PROJECTS UPDATE
  - A. Bi-Monthly Update
- VIII. ACTION ITEMS (No Subsequent Board of Supervisors Action Required)
- IX. ACTION ITEMS (Board of Supervisors Action is Subsequently Required)
- X. FUTURE AGENDA ITEMS
  - A. Fall Update to Board of Supervisors
  - B. Lopez Lake Safe Yield
- XI. COMMITTEE MEMBER COMMENTS

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Next Regular Meeting is Tentatively Scheduled for  
Thursday, January 18, 2017 at 6:30 PM at City of Grover Beach  
Agendas accessible online at [SLOCountyWater.org](http://SLOCountyWater.org)

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**SAN LUIS OBISPO COUNTY FLOOD CONTROL  
AND WATER CONSERVATION DISTRICT  
ZONE 3 ADVISORY COMMITTEE  
DRAFT MEETING MINUTES  
THURSDAY September 21, 2017**

- I. Call to Order and Roll Call** -- The Zone 3 Advisory Committee Meeting was called to order at 6:30 PM at the City of Grover Beach by Chair and Agriculture Representative, Brian Talley.

County Public Works Department Utilities Division Program Manager and Secretary to the Zone 3 Advisory Committee, Andrea Montes, called roll. Members in attendance were:

- Kristen Barneich, City of Arroyo Grande
- Andrew Brunet, Oceano Community Services District
- Marcia Guthrie, City of Pismo Beach
- Brian Talley, Chair and Agriculture Representative
- Jim Garing, Member at Large
- Jeff Lee, City of Grover Beach

- II. Public Comment** – City of Arroyo Grande Utilities Manager, Shane Taylor, introduced the City’s new Public Works Director, Mr. Bill Robeson, formerly of the County of San Luis Obispo Planning and Building Department.

Mr. Robeson indicated he and his family are very familiar with the City of Arroyo Grande. He expressed his excitement working with the City and Zone 3 Advisory Committee.

- III. Approval of Meeting Minutes of July 20, 2017**-- Member Brunet motioned approval; Member Barneich second. All approved the minutes.

**IV. Operations Report** --

**A. Water Plant Operations, Reservoir Storage, Downstream Releases** --

Ms. Montes indicated the Lopez Lake elevation was 495.29 feet. Storage was 29,175 acre-feet (AF), which is 57.3% capacity. Rainfall to date was .16 inches (water year reset on July 1). Plant production was 4.5 million gallons per day (MGD). Downstream release was 3.45 MGD. State Water was 0.0 MGD.

No public comment was given.

**B. Projected Reservoir Levels** -- County Public Works Deputy Director, Mark Hutchinson, reviewed the projected reservoir levels. Looking out to December

1, 2017, he indicated the projection of the Lopez is staying above the 27,500 AF mark, with no unusual bumps. He further indicated that after last year's rain, the lake was at 60% capacity; and because we went into the five-year drought at 84% capacity, the County will continue to work with the Zone 3 Technical Advisory Committee to watch reservoir levels and track projected reservoir levels.

Member Barneich asked if Mr. Hutchinson had any updates on inflows to the Lopez Lake from creeks. Mr. Hutchinson indicated Lopez Creek continues to flow within the averages, and even flowed during the drought; however, things are still on the dry side in the Lopez Watershed.

No public comment was given.

## V. Information Items

**A. 4<sup>th</sup> Quarter Budget Status** -- Kristi Smith, County Public Works Finance Division and Zone 3 Accountant presented the 4<sup>th</sup> Quarter Budget Status Fiscal Year (FY) 2016-17 for Flood Control Zone 3 through June 30, 2017 with expenses totaling 75% of the annual FY budget, leaving a balance of approximately \$1.3 million. Of this amount \$1.1 million will be carried forward into FY 17/18 for ongoing efforts and projects. This results in an estimated credit back to Zone 3 Agencies of \$237,400.

Ms. Smith reviewed graphs and indicated:

- The first graph displayed Routine Operations and Maintenance (O&M) costs and demonstrated 91% of the O&M budget had been spent, resulting in savings of approximately \$324,000 of the FY ending June 30, 2017.
- The second graph displayed Non-Routine O&M costs and demonstrated 50% of the Non-Routine O&M budget had been spent, resulting in a savings of approximately \$411,000 to be carried forward into FY 17/18. Ms. Smith indicated the carried forward amount is due to the Habitat Conservation Plan project which was temporarily placed on hold due to contract issues, but is moving forward again.

Ms. Smith indicated the combined Routine and Non-Routine O&M budgets have a savings of approximately \$735,500, with \$500,000 being carried forward to FY 17/18 with \$237,400 credited back to Zone 3 Agencies.

- The third graph displayed Capital Outlay costs and demonstrated 31% of the budget had been spent, resulting in roughly \$578,600 of savings to be carried into FY 17/18 to continue projects through completion. Ms. Smith indicated the majority of the carried forward amount is due to the Lopez Water Treatment Plant pH Suppression and Scaling Control Project savings.

Ms. Smith indicated all Zone 3 Agencies are current on their payments and the estimated credits for FY 16/17 will be allocated to agencies and mailed along with the second installment of FY 17/18 billings due January 1, 2018.

No public comment was given.

**B. Climate Update** -- Ms. Montes indicated that according to the United States Drought Monitor, San Luis Obispo County is experiencing an abnormally dry climate. According to National Oceanic and Atmospheric Administration, the temperature forecast for September is above average temperatures. There are equal chances of above average, average, and below average rainfall for September.

No public comment was given.

**C. Discussion of AGP Televised Meetings and Option of Audio Only** -- Ms. Montes indicated she discussed with County Public Works Information Technology (IT) staff, as well as with Ms. Nancy Castle, co-owner of AGP Video, the options of audio taping the meetings with a recorder; purchasing audio only from AGP Video (who currently televises the meetings); and live-streaming the meetings via the web.

According to Ms. Montes, Public Works IT staff could tape and upload videos of Zone 3 Advisory Committee Meetings to the internet at about half-the cost of what AGP Video charges, which is \$750/meeting; however, the video and camera shots would likely be of lower quality than AGP's.

Ms. Castle spoke with the Committee and provided a brief history of the services AGP Video has provided to the Zone 3 Advisory Committee since the mid - 2000s, including televised meetings on cable television, and later via the internet to reach areas within the San Luis Obispo County not serviced by cable. She noted the Zone 3 Advisory Committee meetings are not streamed live and indicated AGP live streams other agencies' meetings at an additional cost to that of televised meetings only.

Ms. Castle noted AGP Video provides a laptop, screen, and projector if needed depending on meeting locations and suggested should the contract with AGP Video be terminated, these pieces of equipment would need to be provided through other means. She further noted that visual information, such as a PowerPoint presentation, cannot be shared via audio only and today's culture is about "seeing and knowing".

Member Barneich noted that considering the cost and services of AGP Videos was a good exercise and expressed favor in continuing as is with AGP Video's current services. Member Guthrie and Member Lee agreed and spoke in favor of public access television.

Member Brunet suggested, from a governmental perspective, with technology as it is, there is responsibility in offering public information via audio, video and the internet.

Chairman Talley indicated that although Member at Large, Jim Garing was not present at the meeting, he was in favor in continuing with AGP Video's services as is. Chairman Talley further indicated he had requested the discussion of AGP Video to be place on the Advisory Committee meeting agenda. He also expressed favor in moving forward with AGP Video's services as is.

**D. Update on the Lopez Spillway** -- Mr. Hutchinson presented a brief update of the Department of Water Resources Division Safety of Dams' (DSOD's) required assessment of the Lopez Spillway.

Mr. Hutchinson referred to the required work plan that County Public Works submitted to DSOD. The work plan included what Public Works proposes to move forward with in response to the required Lopez Spillway assessment. He noted that DSOD visited the Lopez Spillway to perform their annual inspection and did not note any emergency repairs that needed to be made, nor did internal Public Works engineers or an outside consultant.

Mr. Hutchinson indicated the work plan includes bringing in an outside engineering firm with expertise on dams to review the spillway design plans from the 1960s and construction documents from the 2000 to 2003 dam upgrade and retrofit, along with the native material the spillway is built into, and compare this information to modern engineering standards to learn how well is the spillway anchored into the mountain. The next steps include receiving feedback from DSOD on the submitted work plan. Based on the feedback, a Request for Proposals will be distributed. Staff will return to the Zone 3 Technical Advisory Committee and Advisory Committee once costs can be determined.

According to Mr. Hutchinson, County Public Works received two (2) additional letters from Department of Water Resources. These letters were related to the Lopez Dam and the terminal reservoir dam and the request of inundation maps for both facilities should the dam fail completely; including how long it would take for the water from the Lopez Lake to flow to certain points downstream. Public Works has inundation maps; however, per State standards, they must be updated every 10 years. Mr. Hutchinson indicated the last time they were updated was 1999.

In addition to the inundation maps, Public Works must submit a Federal *Emergency Action Plan* (built to FEMA standards), which will be converted from the existing *Dam and Reservoir Failure Plan* (built to State Office of Emergency

Standards). An additional *Emergency Action Plan* will need to be submitted specifically for the terminal reservoir dam.

Mr. Hutchinson further indicated, the State has updated its Downstream Hazard Classification, using the Federal classification of “Low, Significant, High, and Extremely High”. While the Lopez Dam has historically been classified by the State as a “High Hazard Dam”, it is now classified as “Extremely High Hazard Dam” because there are more than 1,000 people living downstream within the limits of the inundation map, and not because of the condition of the dam.

Member Lee inquired whether any funding sources, such as grants, have been identified for potential repairs rather than the Zone 3 Agencies having to fund them. Mr. Hutchinson indicated none had been identified to date, perhaps because the State is still working on legislation associated with the required assessments of dams statewide.

## VI. Capital Projects Update

**A. Bi-Monthly Update** -- Ms. Montes presented a brief update of the Capital Projects listed below.

**Turnout Systems Control and Data Acquisition (SCADA) Project** -- Equipment was installed and project to be completed in October pending the login setup for Zone 3 agencies.

**Parking & Roadway Resurfacing Project** -- Public Works Construction Division staff pushed back the September 25 start date of the Lopez Water Treatment Plant parking resurfacing project to a date to be determined. Public Works will update Zone 3 Agencies with the new date.

**HCL Tank for Ph Suppression** -- This project was due to be completed in November. The hydrochloric acid tank will replace individual totes for pH suppression that require replacement several times a month by Lopez Water Treatment Plant operators who must dress in hazmat suits. It is anticipated that the tank will need to be filled only once a month and eliminate the need to wear hazmat suits.

**Membrane Strainer Replacement, Programmable Logic Controllers and 6<sup>th</sup> Rack Addition Projects** -- These three projects were completed in August.

**Equipment Audit & Replacement Project** -- This is an ongoing project as part of Public Works' 20-year outlook which allows staff to be proactive rather than reactive and includes regular inspections and replacement of equipment.

Ms. Montes indicated future Capital Projects to be completed by June 2018, include:

- Lopez Water Treatment Plant Safety Upgrades

- Pressure Transducers related to the Turnout Scada Project
- Structural Assessment of Terminal Reservoir
- Cathodic Protection Survey
- Membrane Feed Pump Replacement
- Fault Zone Repair Dam Left Abutment
- Domestic and Fire Tanks Repair
- Equipment Storage at Lopez Water Treatment Plant
- Replacement of Ammonia Analyzer

No public comment was given.

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

None discussed.

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

**IX. Future Agenda Items**

**A. Fall Update to Board of Supervisors** -- Ms. Montes explained that after we get the reads on the groundwater levels from October we will update the Board of Supervisors, which will tie in with the Low Reservoir Response Plan and whether it will remain in place or not.

**B. Lopez Lake Safe Yield** -- Ms. Montes indicated Member Lee asked for this item to be discussed in the future.

**X. Committee Member Comments** -- No comments made.

**Meeting Adjourned at 7:30 PM**

Respectfully Submitted,

Andrea M Montes  
County of San Luis Obispo Public Works Department

**SAN LUIS OBISPO COUNTY FLOOD CONTROL  
AND WATER CONSERVATION DISTRICT  
ZONE 3 ADVISORY AND TECHNICAL ADVISORY COMMITTEES**

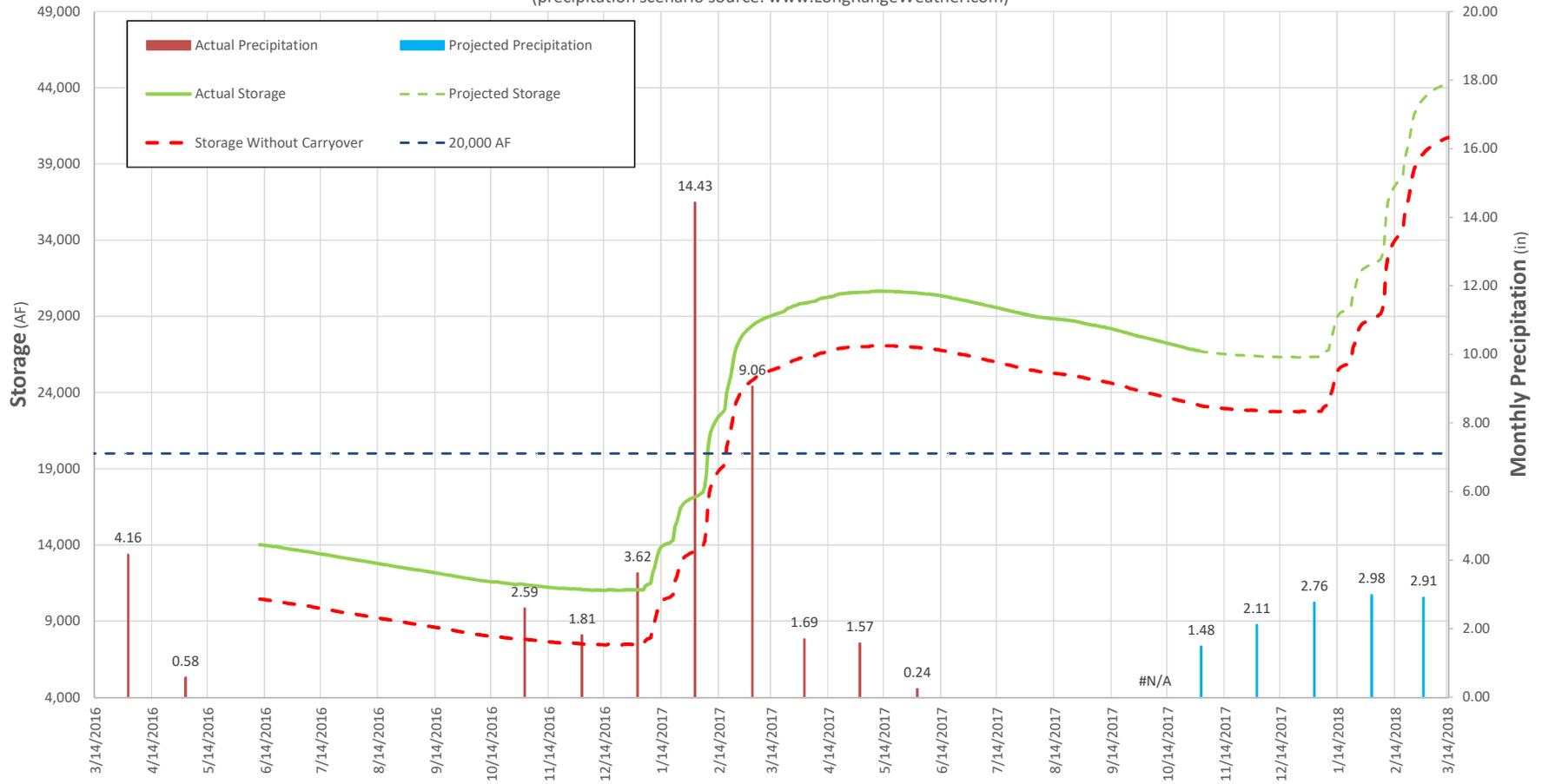
**2018 MEETING SCHEDULE**

<b>Date</b>	<b>Group</b>	<b>Location<sup>1</sup></b>	<b>Purpose</b>
Jan 10, 2018	TAC <sup>2</sup>	Arroyo Grande, 9:30 AM	Discuss proposed FY18/19 budget
Jan 18, 2018	Advisory Committee	Grover Beach, 6:30 PM	Distribute proposed FY18/19 budget
Feb 14, 2018	TAC	Arroyo Grande, 9:30 AM	Distribute proposed FY 18/19 budget
Mar14, 2018	TAC	Arroyo Grande, 9:30 AM	Budget discussion/ recommendation; present estimated surplus water quantity available in 18/19
Mar 22 , 2018	Advisory Committee	Arroyo Grande, 6:30 PM	Present 2 <sup>nd</sup> quarter FY 17/18 budget status; present proposed FY18/19 budget; endorse FY18/19 budget; present estimated surplus water quantity available in 18/19
Apr 11, 2018	TAC	Arroyo Grande, 9:30 AM	
May 9, 2018	TAC	Arroyo Grande, 9:30 AM	
May 17, 2018	Advisory Committee	Pismo Beach, 6:30 PM	3 <sup>rd</sup> Quarter Budget Status
Jun 13, 2018	TAC	Arroyo Grande, 9:30 AM	
Jul 11, 2018	TAC	Arroyo Grande, 9:30 AM	
Jul 19, 2018	Advisory Committee	Oceano CSD, 6:30 PM	Officer Rotations
Aug 8, 2018	TAC	Arroyo Grande, 9:30AM	
Sep 12, 2018	TAC	Arroyo Grande, 9:30 AM	Request Water Delivery Schedule - due Oct 1
Sep 20, 2018	Advisory Committee	Grover Beach, 6:30 PM	4 <sup>th</sup> Quarter Budget Status
Oct 10, 2018	TAC	Arroyo Grande, 9:30 AM	
Nov 14, 2018	TAC	Arroyo Grande, 9:30 AM	
Nov 15, 2018	Advisory Committee	Arroyo Grande, 6:30 PM	1 <sup>st</sup> Quarter Budget Status
Dec 12, 2018	TAC	Arroyo Grande, 9:30 AM	Distribute Water Delivery Schedule by Jan 1

<sup>1</sup> All locations noted are at City Hall or Oceano Community Services District Board chambers unless otherwise noted

<sup>2</sup> TAC - Technical Advisory Committee

Lopez Reservoir Storage Projections  
 (precipitation scenario source: www.LongRangeWeather.com)



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 de



**November 16, 2017**

**MEMORANDUM**

**TO:** Flood Control Zone 3 Advisory Committee  
**FROM:** Kristi Smith, Accountant  
**SUBJECT:** Flood Control Zone 3, First Quarter Budget Status, Fiscal Year 2017/18

**Recommendation**

The item to be received and filed.

**Summary**

Attached please find the first quarter budget versus actual results for the fiscal year 2017/18. The \$5.4 million dollar budget is broken into three categories: Routine O&M expenses, Non-Routine O&M expenses, and Capital Outlay expenses. At 25% of the fiscal year, expenses totaled approximately 18% of the annual budget.

Total Budget	Expenses through Q1	Balance Available	% of Budget Expended
5,468,853	958,380	4,510,473	18%

**Routine O&M** annual budget is approximately \$3.8 million dollars. At 25% of the fiscal year, expenses were 24% of the annual budget, which results in approximately \$2.9 million dollars of available balance for the remainder of the year.

Total Budget	Expenses through Q1	Balance Available	% of Budget Expended
3,790,051	895,589	2,894,462	24%

Expenses for the first quarter are on target with budgeted levels in this category.

**Non Routine O&M** annual budget is approximately \$480,000 dollars. At 25% of the fiscal year, expenses were 6% of the annual budget, which results in approximately \$450,000 dollars of available balance for the remainder of the year. The bulk of the available balance is budget that has been carried forward from prior years for the Lopez Water Rights/Habitat Conservation Plan (HCP) and Pigging.

Total Budget	Expenses through Q1	Balance Available	% of Budget Expended
481,397	30,520	450,877	6%

**Capital Outlay** annual budget is approximately \$1.2 million dollars. At 25% of the fiscal year, expenses were 3% of the annual budget, which results in approximately \$1.17 million dollars of available balance for the remainder of the year. Unspent budget from the prior year has been carried forward for many projects and accounts for over half of the balance available.

Total Budget	Expenses through Q1	Balance Available	% of Budget Expended
1,197,405	32,271	1,165,134	3%

**Other Agency Involvement/Impact**

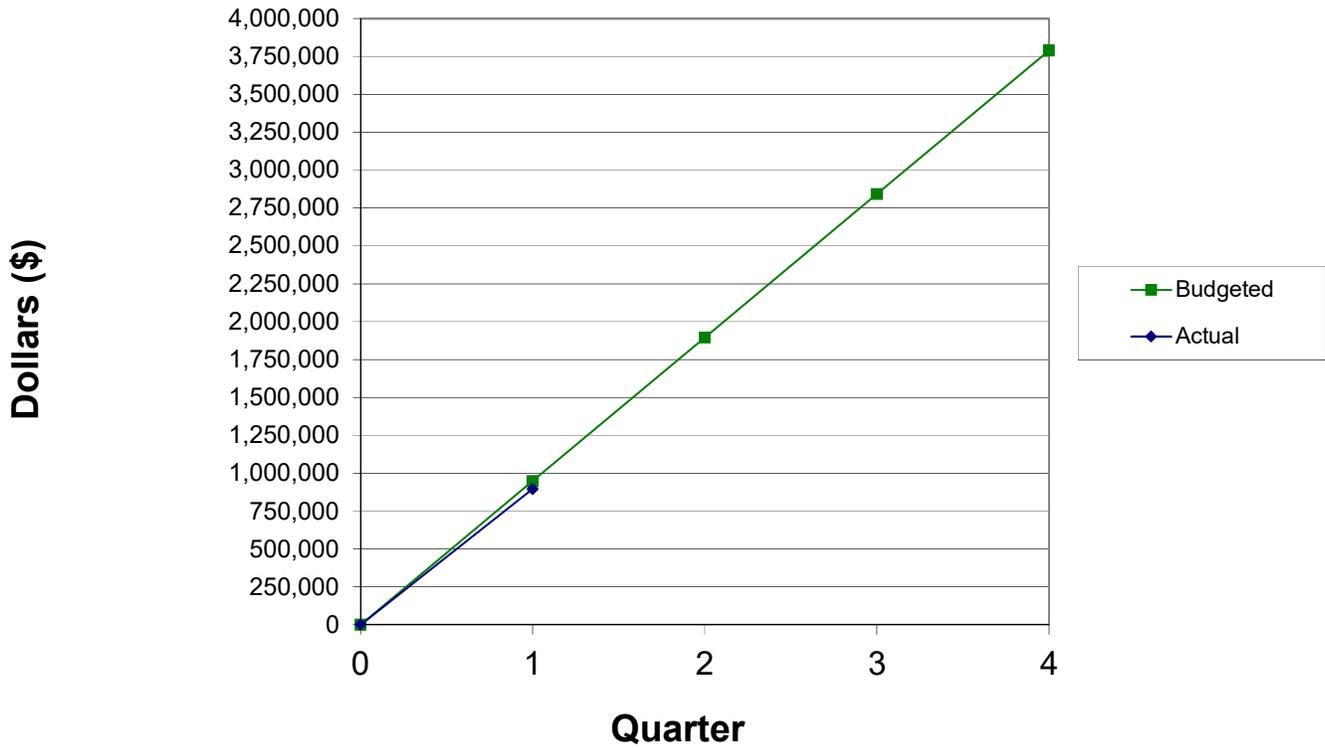
The agencies involved are: City of Arroyo Grande, City of Grover Beach, City of Pismo Beach, Oceano Community Services District, and County Service Area 12. Subcontractors of CSA 12 include Port San Luis Harbor District and Avila Beach Community Services District.

**Financial Consideration**

All agencies are current on their payments. The revised billings for FY 2016/17 (which include any O&M credit) have been mailed along with the 2<sup>nd</sup> installment billings for FY 17/18 earlier this month. Payments are due January 1, 2018.

Zone 3 Budget Status  
1st Quarter FY17/18

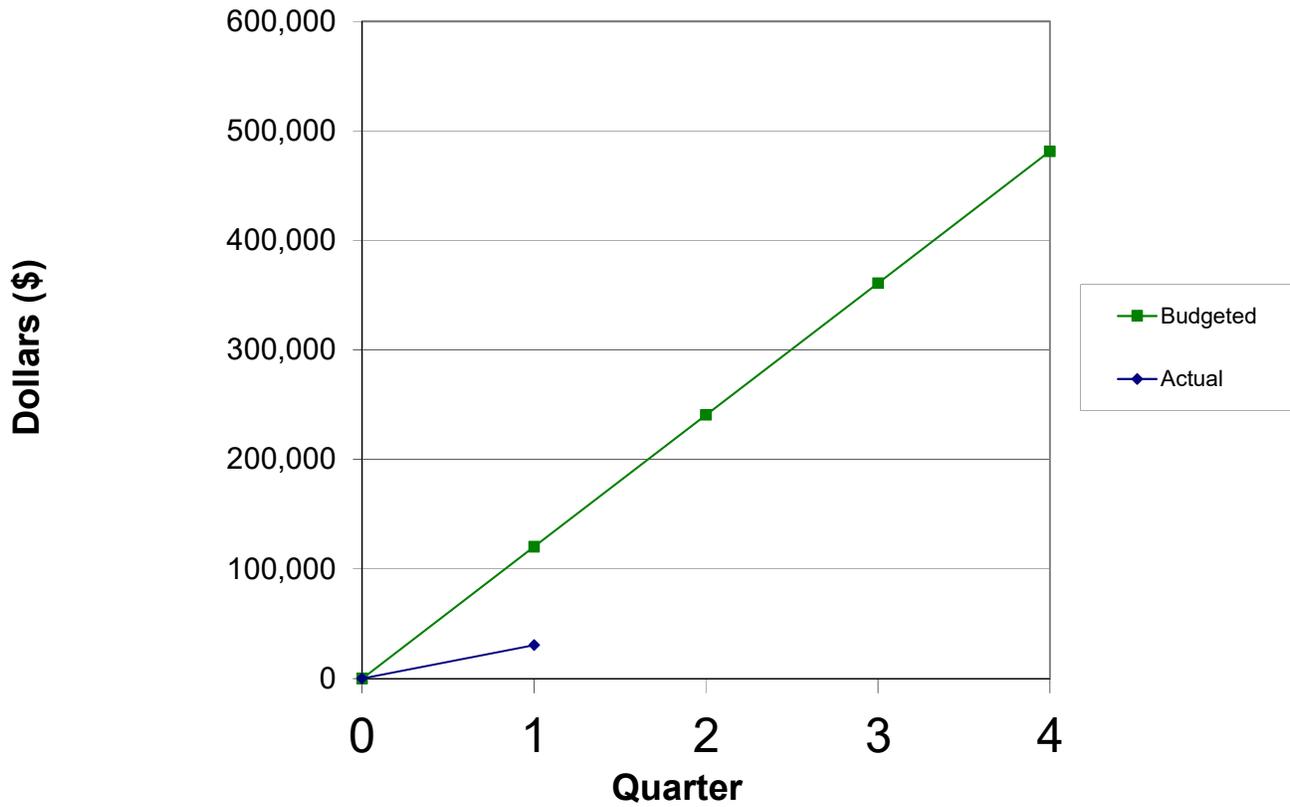
## Routine Operation and Maintenance



O&M Routine Category	Total Budget	1st Quarter	2nd Quarter	3rd Quarter	4th Quarter	Total	Total Exp as % of Budget	Total Balance Avail
Labor Hours	23,704	6,068	-	-	-	6,068	26%	
Chemicals - Water Treatment Plant	310,770	115,338	-	-	-	115,338	37%	195,432
Water Quality Testing - Treatment Plant	59,930	16,204	-	-	-	16,204	27%	43,726
Utilities - Water Treatment Plant	187,432	69,156	-	-	-	69,156	37%	118,276
All Other Costs - Water Treatment Plant	1,930,735	475,236	-	-	-	475,236	25%	1,455,499
Terminal	129,597	31,433	-	-	-	31,433	24%	98,164
Main Dam	251,808	60,829	-	-	-	60,829	24%	190,979
Other	919,779	127,392	-	-	-	127,392	14%	792,387
<b>Expenses</b>		<b>895,589</b>	-	-	-	<b>895,589</b>	<b>24%</b>	<b>2,894,462</b>
<b>Budget</b>	<b>3,790,051</b>	<b>947,512</b>	<b>947,512</b>	<b>947,512</b>	<b>947,512</b>	<b>3,790,051</b>		
<b>Variance (over)/under</b>		<b>51,924</b>	<b>947,513</b>	<b>947,513</b>	<b>947,512</b>	<b>2,894,461</b>		
<b>% Variance</b>		<b>5%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>			

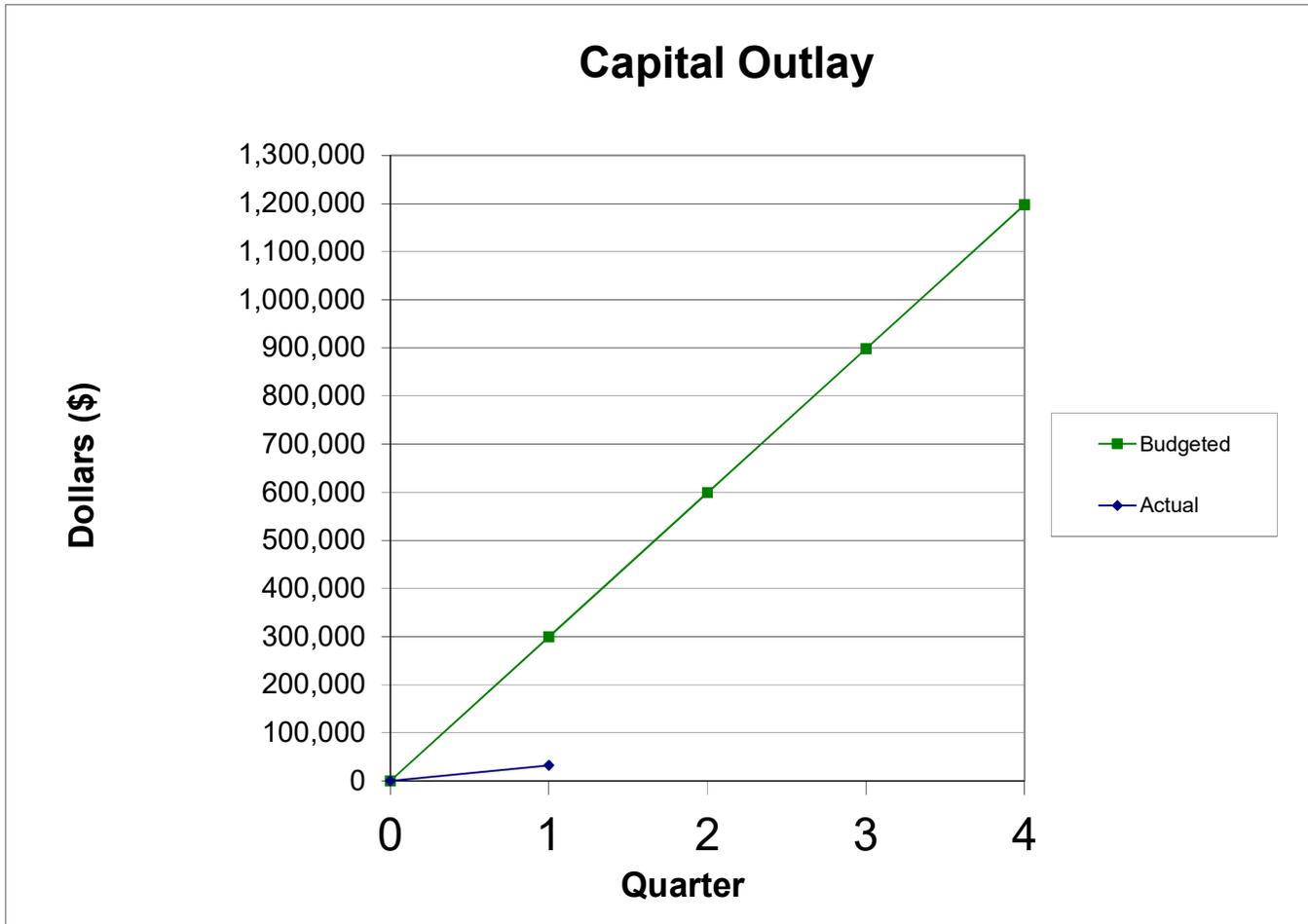
Zone 3 Budget Status  
1st Quarter FY17/18

### Non-Routine Operation and Maintenance



O&M Non Routine Category	Total Budget	1st Quarter	2nd Quarter	3rd Quarter	4th Quarter	Total	Total Exp as % of Budget	Total Balance Avail
Lopez Water Rights IHCP	292,743	1,742	-	-	-	1,742	1%	291,001
Pigging-Unit B	117,195	-	-	-	-	-	0%	117,195
Lopez Dam Environmental Monitoring	7,191	1,860	-	-	-	1,860	26%	5,331
Contribution to ISF for Shared New Equip	39,348	-	-	-	-	-	0%	39,348
Equipment Audit/Replacement Plan	15,000	-	-	-	-	-	0%	15,000
Rodriguez Bridge Environmntl Monitoring	9,920	2,857	-	-	-	2,857	29%	7,063
Other	-	24,061	-	-	-	24,061	0%	(24,061)
<b>Expenses</b>		<b>30,520</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>30,520</b>	<b>6%</b>	<b>450,877</b>
<b>Budget</b>	<b>481,397</b>	<b>120,349</b>	<b>120,349</b>	<b>120,349</b>	<b>120,349</b>	<b>481,397</b>		
<b>Variance (over)/under</b>		<b>89,830</b>	<b>120,349</b>	<b>120,349</b>	<b>120,349</b>	<b>450,877</b>		
<b>% Variance</b>		<b>75%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>			

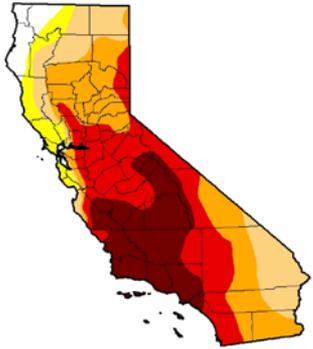
Zone 3 Budget Status  
1st Quarter FY17/18



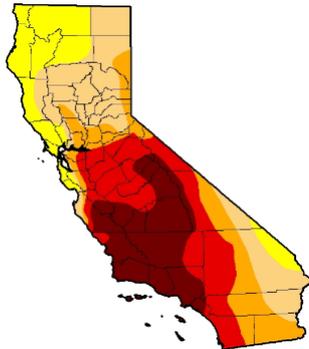
Capital Outlay Projects	Total Budget	1st Quarter	2nd Quarter	3rd Quarter	4th Quarter	Total	Total Exp as % of Budget	Total Balance Avail
WTP 6th Membrane Filtration Module Addit	19,437	4,923	-	-	-	4,923	25%	14,514
WTP Resurface Parking Lot	24,728	1,523	-	-	-	1,523	6%	23,205
Ammonia Analyzer Equip Repl	30,000	-	-	-	-	-	0%	30,000
pH Suppression & Scaling Control	503,220	(12,915)	-	-	-	(12,915)	-3%	516,135
Cathodic Protection Maint	154,172	-	-	-	-	-	0%	154,172
Dam Intake Fac & Op Assessment	20,899	-	-	-	-	-	0%	20,899
Structural Assessment Term Resv Dam	50,000	1,390	-	-	-	1,390	3%	48,610
Equip Storage Garage Design	25,000	151	-	-	-	151	1%	24,849
Pressure Transducers	35,000	-	-	-	-	-	0%	35,000
Geologic Assmt Fault Zone Left Abutment	50,000	893	-	-	-	893	2%	49,107
Domestic & Fireflow Tank Assessment	50,000	397	-	-	-	397	1%	49,603
Safety Upgrades to WTP	15,000	-	-	-	-	-	0%	15,000
Replace Membrane Feed Pumps	35,000	-	-	-	-	-	0%	35,000
PLC Replacement & Programming	69,763	3,959	-	-	-	3,959	6%	65,804
Replace Membrane Strainers	10,186	31,950	-	-	-	31,950	314%	(21,764)
Vac Trailer	50,000	-	-	-	-	-	0%	50,000
Various Equipment Replacement	55,000	-	-	-	-	-	0%	55,000
<b>Expenses</b>		<b>32,271</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>32,271</b>	<b>3%</b>	<b>1,165,134</b>
<b>Budget</b>	<b>1,197,405</b>	<b>299,351</b>	<b>299,351</b>	<b>299,351</b>	<b>299,351</b>	<b>1,197,405</b>		
<b>Variance (over)/under</b>		<b>267,080</b>	<b>299,351</b>	<b>299,351</b>	<b>299,351</b>	<b>1,165,134</b>		
<b>% Variance</b>		<b>89%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>			

# U.S. DROUGHT MONITOR

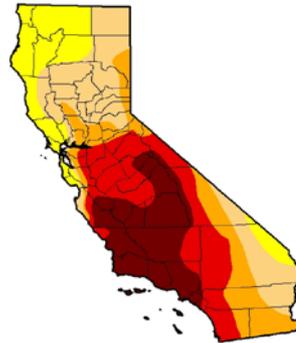
May 2016



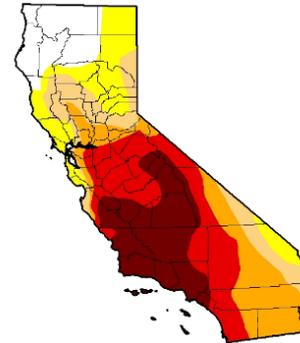
July 2016



September 2016



November 2016



January 2017



March 2017



May 2017



July 2017



September 2017



November 2017



## Intensity:

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

- D3 - Extreme Drought
- D4 - Exceptional Drought

Permission to reproduce the map

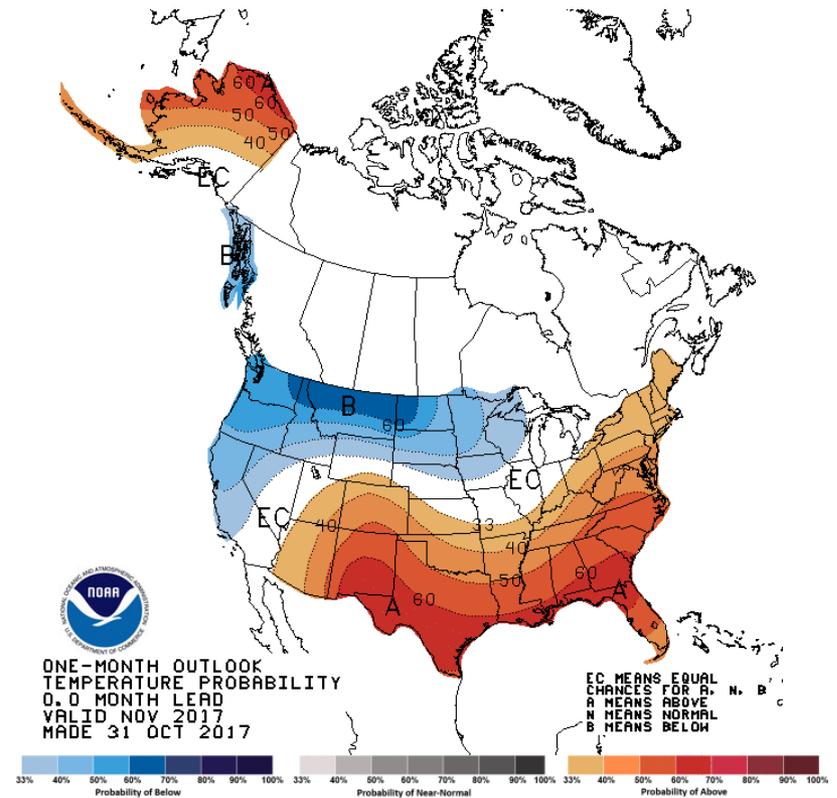
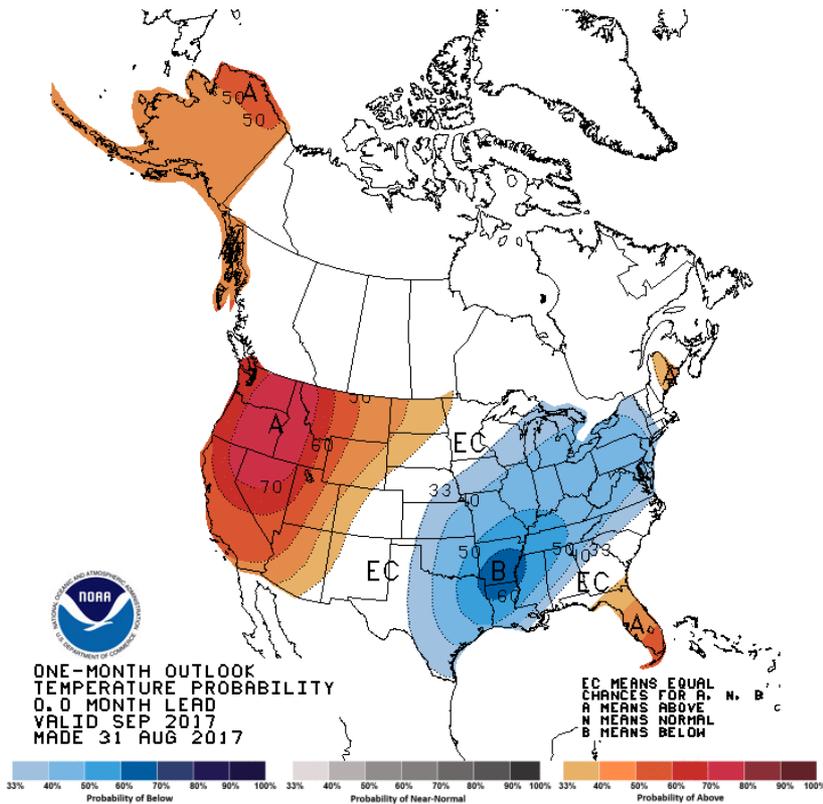
If you reproduce the U.S. Drought Monitor map, please use this wording:

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

## September

## November



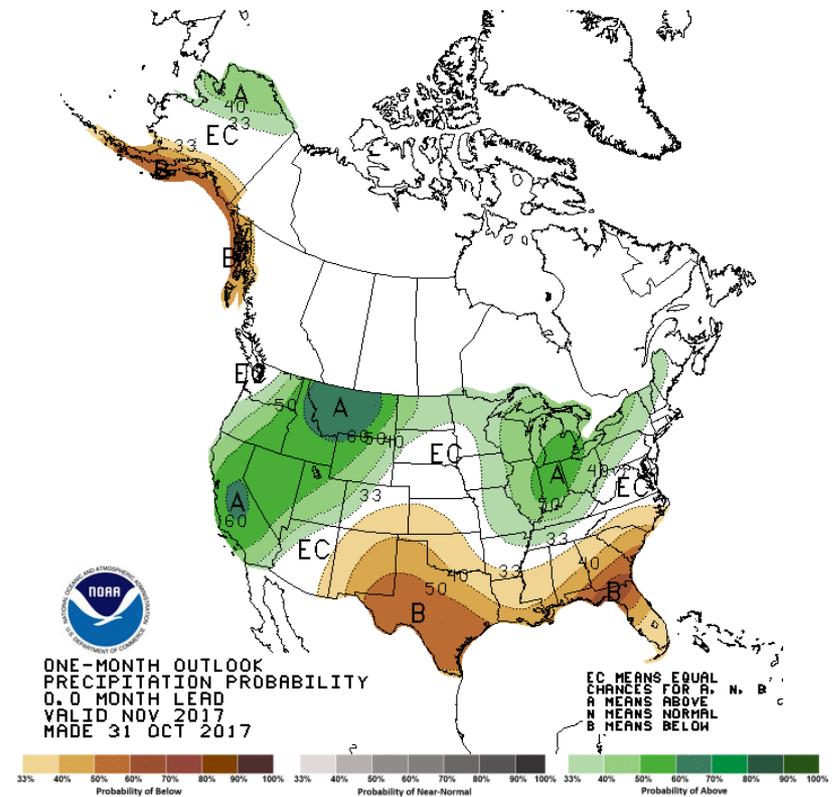
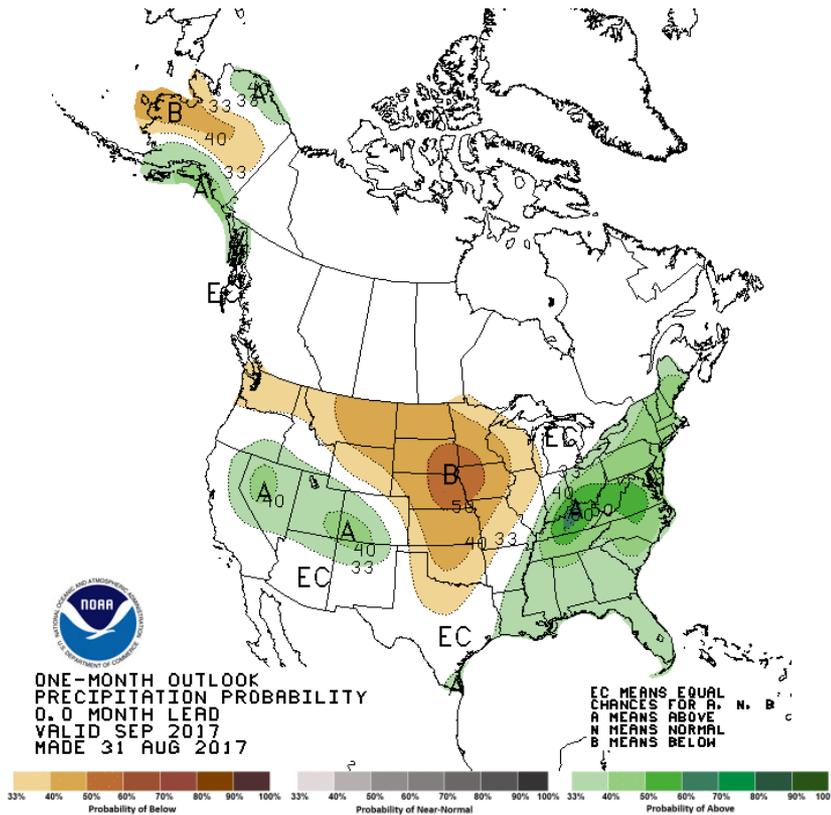
## September Meeting

## November Meeting

# NOAA PRECIPITATION FORECAST

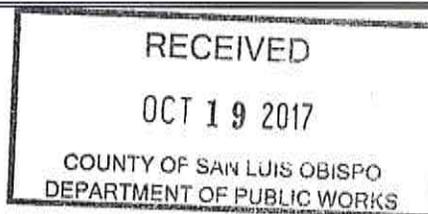
## September

## November



## September Meeting

## November Meeting

**DEPARTMENT OF WATER RESOURCES**1416 NINTH STREET, P.O. BOX 942836  
SACRAMENTO, CA 94236-0001  
(916) 653-5791

OCT 16 2017

Mr. Dean Benedix, Manager  
Utilities Division  
San Luis Obispo County Flood Control and Water Conservation District  
County Government Center Room 207  
San Luis Obispo, California 93408

Lopez Dam, No. 1055  
San Luis Obispo County

Dear Mr. Benedix:

This is in reply to your letter dated September 1, 2017, transmitting the Work Plan for a Comprehensive Spillway Assessment for Lopez Dam prepared by the County of San Luis Obispo. The objective of the work plan is to obtain information as part of a comprehensive assessment of the spillway to evaluate its current condition.

The submitted work plan consists of the following steps: (1) procurement of professional engineering services, (2) assessment of spillway conditions by consultant, (3) field exploration (if needed), and (4) preparation of construction documents (if needed). We have completed our review of the submitted work plan and find it acceptable. Therefore, you may proceed with the proposed work. We understand that you will secure the services of a consulting company to implement the work plan. After your consultant prepares detailed tasks for steps (2) and (3), please submit them for our review. Note that any additional work and subsequent inspection phases, such as sampling, coring, destructive testing, or subsurface exploration, will need to be submitted to this Division for review and approval.

We also encourage you to take immediate action to complete any needed repairs and maintenance to the spillway by November 1, 2017, to assure safe performance through the upcoming flood season.

Please provide us with a 72-hour advance notice of the start of field activities, so that we may schedule a site inspection accordingly.

If you have any questions or need additional information, please contact Design Engineer Dino Bernardi at (916) 227-4339 or Project Engineer Daniel Meyersohn at (916) 227-4624.

Sincerely,

A handwritten signature in black ink that reads "Erik Malvick".

Erik J. Malvick, Acting Chief  
Design Engineering Branch  
Division of Safety of Dams



## ZONE 3 ADVISORY COMMITTEE

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San Luis Obispo County Flood Control and Water Conservation District

**TO:** Zone 3 Advisory Committee  
**FROM:** David Spiegel, PE  
**DATE:** November 16, 2017  
**SUBJECT:** Zone 3 Projects Update

### **Project Updates:**

- HCL Tank for pH Suppression – Due to be complete Nov 2017
  - Rent HCL tank for pH suppression
- Equipment Audit & Replacement - Ongoing
  - Work proposed to continue in 2017/18
- Spillway Assessment – Due to be completed 17/18
  - Work Plan Approved by DSOD
  - Coordinating work plan implementation
- Lopez Dam and Terminal Dam Hazard Classification – Due to be completed 17/18
  - Inundation Map RFQ's are being prepared
  - Emergency Action Plan is in preparation
- Structural Assessment of Terminal Reservoir
  - Reviewing Proposals
- Fault Zone Assessment – Dam Left Abutment
  - Reviewing Proposals
- Equipment Storage
  - Requesting Quotes
- Lopez WTP Safety Upgrades
  - Reviewing safety study and working on implementing changes



## ZONE 3 ADVISORY COMMITTEE

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San Luis Obispo County Flood Control and Water Conservation District

### **Upcoming Projects** (Requested FY 2017/18):

- Pressure Transducers
- Cathodic Protection Survey
- Replace Membrane Feed Pumps (1 per year)
- Repair Domestic & Fire Tanks
- Replace Ammonia Analyzer

**The 2018/2019 proposed project list presented to the Zone 3 TAC on November 8<sup>th</sup>.**