

AGENDA

Thursday, July 16, 2015 6:30 p.m.
Oceano Community Services District

- I. CALL TO ORDER AND ROLL CALL
- II. ANNUAL FISCAL YEAR ROTATION - Position Of Chairman And Vice-Chairman
- III. PUBLIC COMMENT
This is an opportunity for members of the public to address the Committee on items that are not on the Agenda
- IV. APPROVAL OF MEETING MINUTES OF May 21, 2015
- V. OPERATIONS REPORT
 - A. Water plant operations, dam storage, and creek releases
- VI. INFORMATION ITEMS
 - A. Climate Update
 - B. Habitat Conservation Plan (HCP) Update
 - C. Water Supply Update
- VII. CAPITAL PROJECTS UPDATE
 - A. Bi-Monthly Update
 - B. Consideration of Maintenance Project
- 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. Contract Renegotiation Discussions
 - B. Water Wheeling
 - C. Funding Groundwater Modeling
- XI. COMMITTEE MEMBER COMMENTS

Next Regular Meeting is Tentatively Scheduled for
Thursday, September 17, 2015 at 6:30 p.m. at City of Grover Beach

**SAN LUIS OBISPO COUNTY FLOOD CONTROL
AND WATER CONSERVATION DISTRICT
ZONE 3 DRAFT MEETING MINUTES
THURSDAY May 21, 2015**

I. Call To Order/Roll Call

The Meeting was called to order at 6:30 pm at the City of Pismo Beach City Hall by Chairman Ed Waage. County Staff member John Diodati called role. Members in attendance were:

Karen Bright, City of Grover Beach
Kristen Barneich, City of Arroyo Grande
Jim Garing, Member at Large
John Wallace, CSA 12 Member at Large
Paavo Ogren, Oceano Community Services District
Ed Waage, Chairman, City of Pismo Beach
Brian Talley, Agriculture Member

Quorum was established and the meeting continued.

II. Public Comment – Ben Fine, City of Pismo Beach Director of Public Works, informed Committee that on May 21, 2015, Nipomo Community Services District (NCSD) declared Stage 3 severe water shortage declaration, which includes no new applications accepted for construction with existing applications to be processed with supplemental water. In addition, Mr. Fine reviewed list of recommendations to be followed, including Stage 1 through Stage 2 State Water shortage mandates to be followed as part of the Stage 3 severe water shortage declaration.

III. Meeting Minutes of March 19, 2015 –The minutes of the previous meetings were approved upon a motion by Member Barneich, with a second motion by Member Bright. Member Wallace abstained as he indicated he was not present at meeting.

IV. Operations Report – County Staff Member and Committee Secretary, John Diodati, introduced Andrea Montes of the County Public Works Department Utilities Division before the Operations Report was presented by Lopez Water Treatment Plant Chief Plant Operator, Craig Kesler. Mr. Diodati indicated Ms. Montes shadowed the Zone 3 Advisory Committee agenda development for the May 21, 2015 meeting and will likely fill the role of secretarial duties for Zone 3 within the next few meetings as the secretarial role has traditionally been filled by Utilities Division Staff.

Mr. Kesler reported the Lopez Reservoir elevation is 477.30 feet. Lopez Storage was 18,488 Acre-Feet (AF) and was at approximately 37.5 percent capacity. Rainfall to date was 10.75 inches. The plant production was 3.2 Million Gallons per Day (MGD). Downstream releases were 2.1 MGD to the creek, with 2.0 MGD in State Water production. No Committee comments, nor public comments were made. As a report item only, Chairman Waage indicated no action was necessary.

V. Information Items

A. Climate Update – Mr. Diodati reported via map slides included in the Agenda Packet, the drought began along the Central Coast of California and expanded out, with 80 percent of the state now experiencing exceptional drought conditions.

Mr. Diodati indicated high temperatures are forecasted to be above average, which will lead to more pumping for agriculture use in response to evapotranspiration rates and evaporation occurring off our local reservoirs. Rain during June, July and August will remain status quo, as we typically do not receive rain during these months; and as such, according to Mr. Diodati, forecast for average rainfall during these months makes sense.

Chairman Waage commented on a long-range forecast model he read suggesting that we could be in for a Super El Nino next year. Mr. Diodati acknowledged this model from last year and indicated that during El Nino years, there is only a 75 percent chance of receiving above average rainfall. No public comments were made.

B. Habitat Conservation Plan (HCP) Update – Mark Hutchinson Deputy Director of County Department of Public Works indicated the County is making good progress on the Habitat Conservation Plan (HCP). Per Mr. Hutchinson, hydrogeologic ECORP Consulting Inc. is updating and revising the reservoir downstream release model, which is on schedule. Mr. Hutchinson stated ECORP submitted an early draft of their reservoir model

and County Staff will meet with them, as well as with ecological consultants, H.T. Harvey, to move forward with at least a single downstream model by the end of summer, along with a HCP that matches this model.

The intent of the HCP, according to Mr. Hutchinson, is a very narrow focus of scope at this phase of the project to get to the base release program, base HCP release schedule, and base impact analysis before working with the Zone 3 Technical Advisory Committee (TAC) to decide how to move forward with the model.

Member Bright asked Mr. Hutchinson about possible past and current communication difficulties with National Marine Fishery Service. Mr. Hutchinson replied that there were none, but perhaps concerns communicating with U.S. Fish and Wildlife Service. He noted, however, at least one of the local representatives of the U.S. Fish and Wildlife Service is receptive to the County and hopes to continue communicating effectively with the agency. Mr. Hutchinson expressed that once an HCP is formally submitted, the County's intent is to work with the TAC, City representatives and other agencies to develop an engagement plan on behalf of all stakeholders in an effort to reach out to resources available and move the HCP through Agency review. No public comment was made.

C. FY 14/15 Q3 Budget Update -- Jennifer Tomaszewski, Public Works Accountant assigned to Zone 3 Operations presented an overview of the Zone 3 Third Quarter Budget Status for Fiscal Year (FY) 14/15. According to Ms. Tomaszewski, overall expenses are below budget by approximately 20 percent.

Graphs reflecting the Third Quarter budget versus actual, showed budget was below by about \$8,000 for Third Quarter Routine Operations and Maintenance and it is anticipated to be under budget at year end as well.

Ms. Tomaszewski indicated Non-Routine Operations and Maintenance is comprised of HCP and pigging efforts. It is estimated about \$50,000 will be spent for HCP by year end and the remainder of these funds will be rolled over to next year's HCP budget and spent by end of next year. Pigging is estimated to begin in FY 15/16 with construction efforts through FY 17/18. Capital Outlay was reported to be under budget by about 42 percent of \$450,000. Current Capital Projects consist of: Perimeter Fencing Project; SCADA System; 6th Rack Filtration Module; and Lopez Computer Replacement Project. Ms. Tomaszewski Informed Committee Members that

she sent the first billing for FY 15/16 to Zone 3 agencies. No questions or comments were made from the Committee nor public.

D. Conflict of Interest Memo -- Mr. Hutchinson reviewed the Conflict of Interest Memorandum drafted by County staff along with County Counsel in response to recommendations made by the Committee during previous Committee meeting. Mr. Hutchinson indicated individual Committee Members can use the Memo as guidelines that in general could be applied to all Advisory Committees appointed by the Board of Supervisors. Although County Counsel assisted with this Memo, Counsel did point out they are attorneys to the Board of Supervisors, but not specifically charged with being legal Counsel to Advisory Committees. In addition, individual members are responsible for determining whether or not they have a conflict of interest. However, Mr. Hutchinson referenced information resources such as the California Attorney General Conflict of Interest guide and the Fair Political Practices Commission where individual Committee members could utilize without Counsel if they have questions regarding conflict of interests.

Chairman Waage added that Advisory Committees do not have budgetary authority, but ultimately the Board of Supervisors makes these decisions. Member Barneich noted that Arroyo Grande was left off the Background discussion of the Conflict of Interest Memo. Member Bright expressed appreciation for developing the Memo.

Member of the public, Julie Tacker, commented to a Public Works project Member Wallace's firm submitted a bid for and worked on. Ms. Tacker indicated that Public Works solicited bids to Cannon and Wallace Group, with Wallace Group being the only firm who submitted a bid. Ms. Tacker expressed that perhaps Public Work does not solicit a bid to a representative on the Zone 3 Advisory Committee and that perhaps he should not have performed the project work.

Member Ogren confirmed with Mr. Hutchinson that the Purchase Order in question did not come through the Advisory Committee. Mr. Hutchinson explained the Public Works Department, as a general rule of business, periodically distributes request for proposals to establish standing consultants list for various categories of work and types of engineering. Mr. Hutchinson indicated this is a competitive process with proposals being scored and ranked. Standard practice was followed and Request for Proposals were sent to consultants on appropriate list. Member Ogren agreed that action went through a well-established project. No further comments were made.

E. Surplus Water Update -- Mr. Hutchinson recalled a staff report regarding Surplus Water that was submitted to the Committee at a prior meeting. The Committee made a motion to declare Surplus Water. The intent was to execute this declaration in April, or as early as possible in the Lopez Water Year (April 1 through March 31); however, Oceano Community Services District's (OCSD's) representative, indicated a proposal was being drafted to recommend retroactive exchange of Lopez Water for State Water. This was discussed with Zone 3 TAC members and generated interest among the TAC when comparing the current water situation and the effect of the Oceano proposal which would not create any new "wet water" in Lopez lake, but rather than have State Water sitting in Lopez for State Water Contractors connected to State pipeline to use, a retroactive exchange allows this water to become Zone 3 Water. Agencies who participate in the exchange (those who receive State Water and Zone 3 Water) will now have Zone 3 Water to be placed in their respective low level reservoir emergency response plan accounts and water available to other Zone 3 contractors to transfer water among themselves regardless if they participate in the State Water Project or not.

Mr. Hutchinson indicated in order to make this recharacterization happen retroactively, there's a provision in both the State Water and Zone 3 contracts which states a change can be requested in water delivery schedules, however, a request to do so must be made in advance of the change happening, which is not the case. However, all parties who receive State Water and/or Zone 3 Water have like contracts and can agree to a one-time change if all State Water and Zone 3 participants agree to waive this single requirement. Various agencies are currently considering this exchange option.

According to Mr. Hutchinson the County will take retroactive exchange and the surplus water declaration to the Board of Supervisors if there are no objections.

Member Ogren thanked Mr. Hutchinson and Public Works for their efforts. He referred to a *Tribune* article regarding the possible use of PG&E's desalinated water from Diablo Canyon Power Plant but noted there are not existing pipes to deliver this. However, we do have pipes to deliver State Water, entitlements, and storage capacity to maximize importation of water during drought years. He indicated he sent a letter to Geoff English, City of Arroyo Grande Public Works Department, to assist with City of Arroyo Grande's discussion on a retroactive exchange of State Water to Zone 3 Water.

Member Bright, indicated that although the City of Grover Beach is not a participant in the State Water Project, she felt the City of Grover Beach would

be in support of the retroactive exchange. Member Barneich, indicated that like Grover Beach, Arroyo Grande is not a participant in the State Water Project, but will discuss the proposed exchange at their next City Council meeting and spoke in support of the exchange as well. Member Waage, pointed out the "win-win" aspect of State Water contractors who benefit from the exchange will ultimately help non-State Water sub-contractors down the road.

Member Wallace commented that Avila CSD considered multiple times the idea of retroactive exchange of Lopez Water for State Water and could not identify a downside to it. Mr. Wallace indicated Avila CSD did sign the letter in support of the exchange. Member Brian Talley, commented on the foresight of the agencies who decided to contract for State Water, which has led to benefits for all Zone 3 agencies, including agriculture.

Member Garing spoke in support of the retroactive exchange of water to offset groundwater pumping. He encouraged all agencies to approve this exchange and urged that the TAC finalize a recommendation to the Committee of how the water will be utilized in the future, such as regularly taking evaporation into consideration and plans for reservoir spillage and very low reservoir conditions. He further recommended the TAC restart negotiations for the contract. No public comments were made.

Member Ogren motioned on behalf of staff recommendations [to support efforts by Zone 3 Contractors to re-characterize 2014 water from "Lopez Water" to "State Water" in order to maximize water management opportunities]. In addition, to request the TAC review the coordinated use of State Water with the Lopez Reservoir and come back on recommendations for the possible benefits of all the Zone 3 participants, and restart contact negotiations for Zone 3. Member Garing second; all members approved

VI. Capital Projects Update

A. Quarterly Update – County Public Works Staff member, Jeff Lee, indicated the 6th Rack Addition for the Filtration Module Project had been fully manufactured and scheduled for delivery week of May 25, 2015.

The Turnout SCADA Project panel fabrication began and Cannon will be installing the ten (10) panels. According to Mr. Lee, there are some expenditures in the 6th Rack Project and SCADA Project that will utilize capital outlay funds; however, both projects are currently under or within budget. The Perimeter Fencing Project realized savings through the installation phase, and the Lopez

Computer Replacement Project was right on budget. Mr. Lee indicated the other component of the Equipment Replacement Project will re-commence after the start of the new Fiscal Year, along with other Zone 3 budgetary projects approved by the Board of Supervisors.

Member Bright commented how pleased she was learning of project savings. Chairman Waage asked if SCADA technology would lower staffing costs. Mr. Lee indicated in his discussions with Public Works Finance Division Manager, there would be some staff savings realized along with the ability to fix problems and save water more efficiently. No public comments were made.

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

A. Implementation of Low Reservoir Response Plan (LRRP)

Mr. Hutchinson shared a PowerPoint presentation with the Committee highlighting portions of the Low Reservoir Response Plan (LRRP). He indicated the LRRP sets up Municipal Diversion Reductions based on the amount of storage in the Lopez Reservoir and noted the current number is 18,461 Acre-Feet (AF). Of this amount, 800 AF is stored State Water, leaving about 17,661 AF of Lopez Water.

Mr. Hutchinson indicated in December 2014, downstream releases were reduced by 9.5 percent of 3800 Acre-Feet per Year (AFY). He further noted, with no rain, we are approaching 15,000 AF level, which would then call for a 10 percent reduction in *Entitlement* municipal deliveries. Based on the Lopez Reservoir Storage Projections, we could hit 15,000 AF in October 2015, when we would then implement the 10 percent reduction in municipal deliveries. However, the Zone 3 TAC recommended the adoption Adaptive Management set forth by the Committee to plan water use over the year, knowing we may hit 15,000 AF this October.

Mr. Hutchinson pointed out the numbers included in the LRRP do not include the proposed retroactive exchange. Should the exchange be approved, carry-over numbers would increase for agencies who participate in State Water (City of Pismo Beach, City of Grover Beach, and CSA 12 with Avila CSD as a subcontractor) while all other agencies' numbers would remain the same. In summary, the LRRP does not change the amount of "wet water" in the Reservoir, but rather agencies would leave the 10 percent in the reservoir and save it for future years--deferring their deliveries into following year(s) of drought. One of the intents of the LRRP is to remain transparent to the communities we serve with respect of what we're doing with our water and why it's necessary to make water delivery reductions now--records are now being set in the dryness condition of the Lopez watershed.

During the Committee comment period, Mr. Hutchinson confirmed Member Bright's understanding of the LRRP. Mr. Hutchinson also noted that although the LLRP includes the ability to reduce water deliveries, we have to be cautious of reducing deliveries so much that we begin to over rely on groundwater, which is why the LRRP also includes guidance for carry-over water.

Member Ogren asked if the TAC unanimously approved the LLRP and after confirming with other County staff members, Mr. Hutchison confirmed that yes, after discussion the TAC did unanimously approve the LLRP.

Member Barneich spoke in support of the 10 percent water delivery reduction, while Member Talley commented the 10 percent reduction is very proactive. Chairman Waage spoke in support of the reduction on behalf of the City of Pismo Beach. No public comment was made and Member Bright motioned to reduce municipal water deliveries by 10 percent. Member Barneich motioned to second and all approved.

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

No current action items requiring Board of Supervisors' Action.

IX. Future Agenda Items – Mr. Diodati mentioned these items will be moved forward this summer if possible. Member Ogren spoke to Future Agenda Item X C. and indicated the TAC and Nipomo Mesa Management Area (NMMA) met with County Public Works to discuss groundwater modeling and will follow up with the County in about five months. Meanwhile, Northern Cities Management Area (NCMA) representatives will meet with NMMA representatives to refine the scope of groundwater modeling.

Member Bright asked if the Advisory Committee would have anything to do with the PG&E desalination plant opportunities. Mr. Hutchinson indicated it's possible. County staff will report back to the Board in August 2015 with opportunities and challenges associated with desalination within the County.

Member Wallace commented that it would be interesting to know how Zone 3 agencies are doing with water conservation measures and how reductions may affect calculation in terms of Lopez Water demand. No public comments were made.

A. Contract Renegotiation Discussions – Place Holder.

B. Water Wheeling – Place Holder

C. Funding Groundwater Modeling – Place Holder

X. Committee Member Comments

Chairman Waage asked for comments related to the various agencies' water conservation efforts. Member Barneich indicated the City of Arroyo Grande residents have reduced overall water usage in the last year by 22 percent. Member Ogren indicated OCSD residents reduced overall water usage by 10.85 percent in 2014 versus 2013. OCSD recently established water conservation rates based on a target 20 percent conservation. If 20 percent is not met, future revenues will go towards further conservation efforts such as plumbing retrofits. Member Talley commented on a recent *Tribune* article highlighting a "local farm's" water conservation efforts. Chairman Waage commented that the City of Pismo Beach is looking into many opportunities to reduce water and staff will report on this at the next City Council meeting. Member Wallace commented water consumption is being reduced by Avila CSD residents, who are now using about 53 gallons per capita per day. Member Wallace indicated when looking at overall water consumption, seven of Avila CSD's 350 connections use about 50 percent of the water.

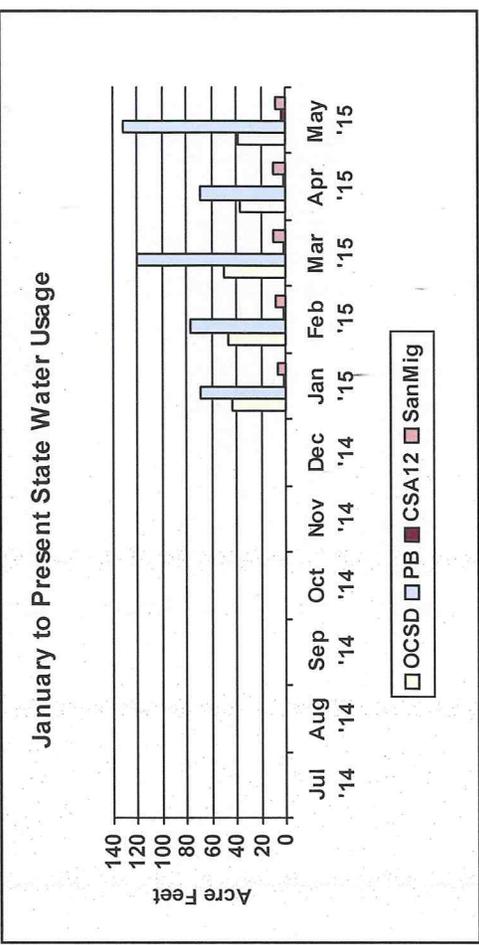
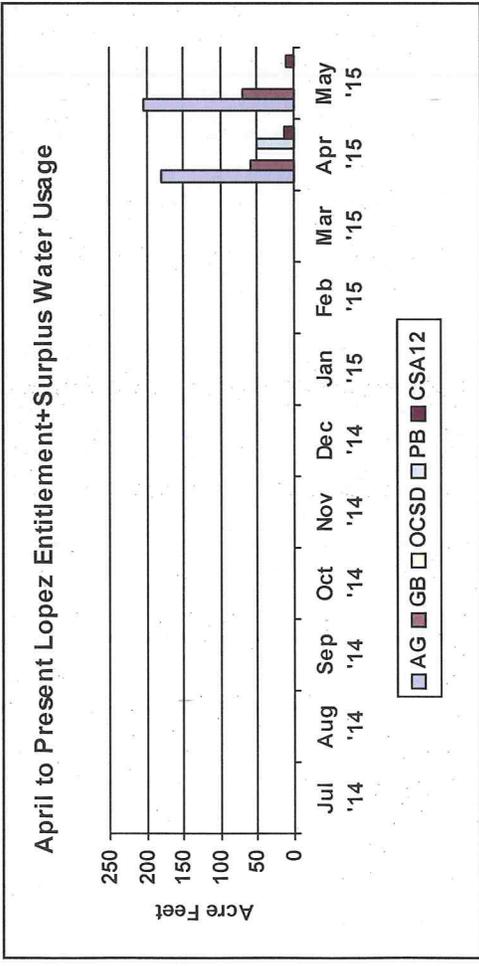
Next Regularly Scheduled Meeting will be held Thursday July 16, 2015 at 6:30 pm at Oceano CSD. The meeting was adjourned at 8:15 pm.

Respectfully Submitted,

Andrea M. Montes

San Luis Obispo County Flood Control and Water District Zone 3 - Lopez Project - Monthly Operations Report May, 2015

Contractor	Lopez Water Deliveries										State Water Deliveries				Total Water Deliveries This Month
	Usage This Month					Usage April to Present					Requested Annual	This Month Usage	January to Present Usage	%	
	Entl.	Entl. %	Surplus	Surplus %	Entl.	Surplus	Surplus %	Total	Total %						
Arroyo Grand	2061	9.9%	0.00	0.0%	385.22	0.00	0.0%	385.22	13.1%	750	39.28	216.21	28.8%	204.05	
Oceano CSD	272.7	0.0%	0.00	0.0%	0.00	0.00	0.0%	0.00	0.0%	750	39.28	56.1%	28.8%	39.28	
Grover Beach	720	9.8%	0.00	0.0%	130.44	0.00	0.0%	130.44	11.7%	1240	131.82	469.22	37.8%	70.76	
Pismo Beach	802.8	0.0%	0.00	0.0%	50.47	0.00	0.0%	50.47	6.3%	57	2.58	6.84	12.0%	131.82	
CSA 12	220.5	5.4%	0.00	0.0%	24.06	0.00	0.0%	24.06	5.2%	130	14	42.07	32.4%	14.41	
San Miguelito	4077	7.0%	0.00	0.0%	590.19	0.00	0.0%	590.19	10.3%	2177	226.58	734.34	33.7%	8.38	
Total			1647.00		5724.00	0.00		590.19	10.3%					468.70	



Lopez Dam Operations	This Month	Year to Date
Lake Elevation (full at 522.37 feet)	476.94	
Storage (full at 49200 acre feet)	18288	
Rainfall	0.45	10.75
Downstream Release (4200 acre feet/year)	207.46	405.91
Spillage (acre feet)	0	0.00

Note: Deliveries are in acre feet. One acre foot = 325, 850 gallons or 43, 560 cubic feet. Safe yield is 8,730 acre feet. "Year to Date" is January to present for State water, April to present for Lopez deliveries, and July to present for rainfall.

Difference (feet)	-45.43
% Full	37.2%

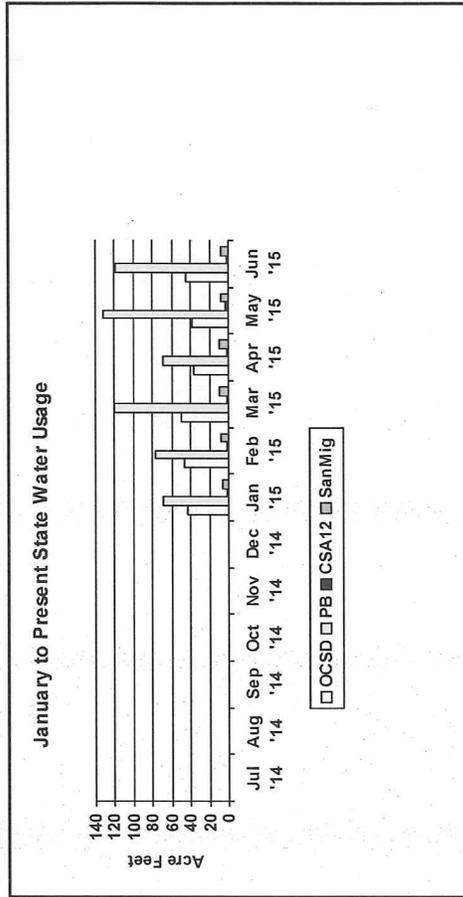
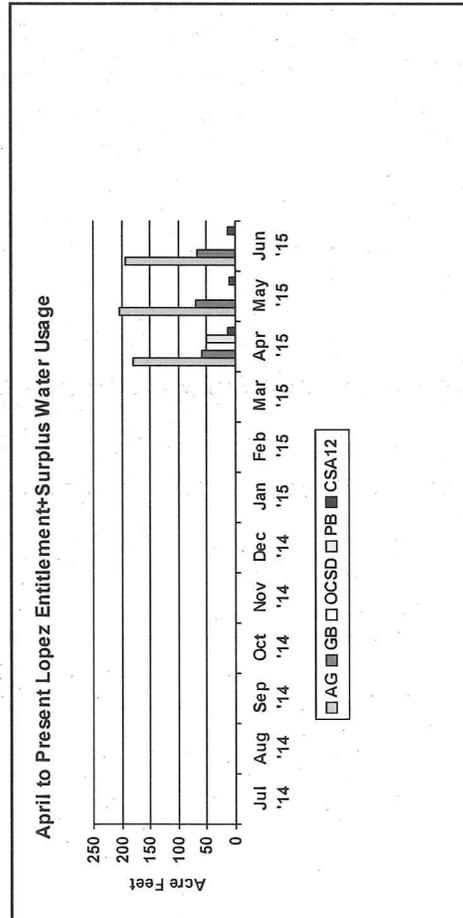
Comments: Lopez Water Deliveries are now operated under the Low Reservoir Response Plan (LRRP). At the May 19th Adv. Comm. Meeting it was approved to reduce entitlements by 10% (retroactive to April) in anticipation of reaching the 15,000 AF trigger of the LRRP. Entitlements shown represent a 10% reduction.

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

1) Oceano State Water to Canyon Crest via Arroyo Grande's Edna turn out. A total of 2.26 AF delivered to Canyon Crest was added to Oceano's State Water usage this month and 2.26 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 June, 2015

Contractor	Lopez Water Deliveries										State Water Deliveries						Total Water Deliveries This Month
	Usage This Month					Usage April to Present					Requested Annual	This Month Usage	January to Present Usage	%			
	Entl.	Surplus	Total	Entl. %	Surplus %	Entl.	Surplus	Total	Surplus %	Total %							
Arroyo Grand	2061	881.00	2942.00	193.65	9.4%	0.00	0.0%	578.87	28.1%	0.0%	578.87	19.7%	750	44.98	261.19	34.8%	193.65
Oceano CSD	272.7	132.00	404.70	0.00	0.0%	0.00	0.0%	0.00	0.0%	0.0%	0.00	0.0%	1240	44.98	64.3%	34.8%	44.98
Grover Beach	720	394.00	1114.00	67.10	9.3%	0.00	0.0%	197.54	27.4%	0.0%	197.54	17.7%	275	7.76	588.03	47.4%	67.1
Pismo Beach	802.8	0.00	802.80	0.00	0.0%	0.00	0.0%	50.47	6.3%	0.0%	50.47	6.3%	127	2.58	9.16	7.2%	118.81
CSA 12	220.5	240.00	460.50	13.45	6.1%	0.00	0.0%	37.51	17.0%	0.0%	37.51	8.1%	2392	236.58	908.21	18.1%	15.77
San Miguelito	4077	1647.00	5724.00	274.20	6.7%	0.00	0.0%	864.39	21.2%	0.0%	864.39	15.1%					7.76
Total	4077	1647.00	5724.00	274.20	6.7%	0.00	0.0%	864.39	21.2%	0.00	864.39	15.1%					448.07



Lopez Dam Operations	This Month	Year to Date
Lake Elevation (full at 522.37 feet)	475.77	-46.60
Storage (full at 49200 acre feet)	17776	36.1%
Rainfall	0.06	10.81
Downstream Release (4200 acre feet/year)	243.99	649.90
Spillage (acre feet)	0	0.00

Note: Deliveries are in acre feet. One acre foot = 325, 850 gallons or 43, 560 cubic feet. Safe yield is 8,730 acre feet. "Year to Date" is January to present for State water, April to present for Lopez deliveries, and July to present for rainfall.

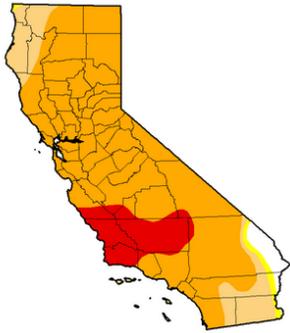
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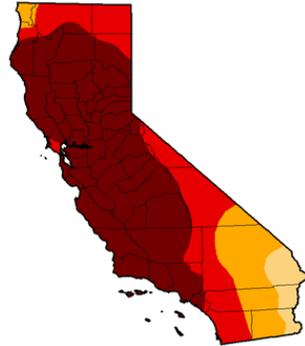
1) Oceano State Water to Canyon Crest via Arroyo Grande's Edna turn out. A total of 2.42 AF delivered to Canyon Crest was added to Oceano's State Water usage this month and 2.42 AF was subtracted from Arroyo Grande's usage this month.

U.S. DROUGHT MONITOR

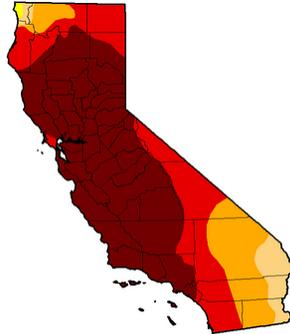
November 2013



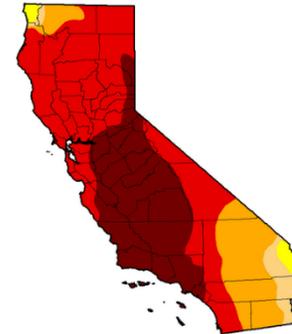
September 2014



November 2014



January 2015



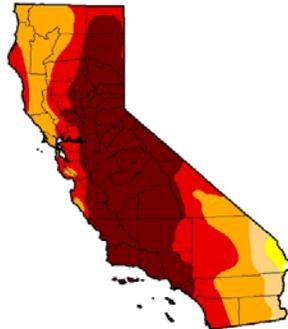
February 2015



May 2015



July 2015



Intensity:

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

- D3 - Extreme Drought
- D4 - Exceptional Drought

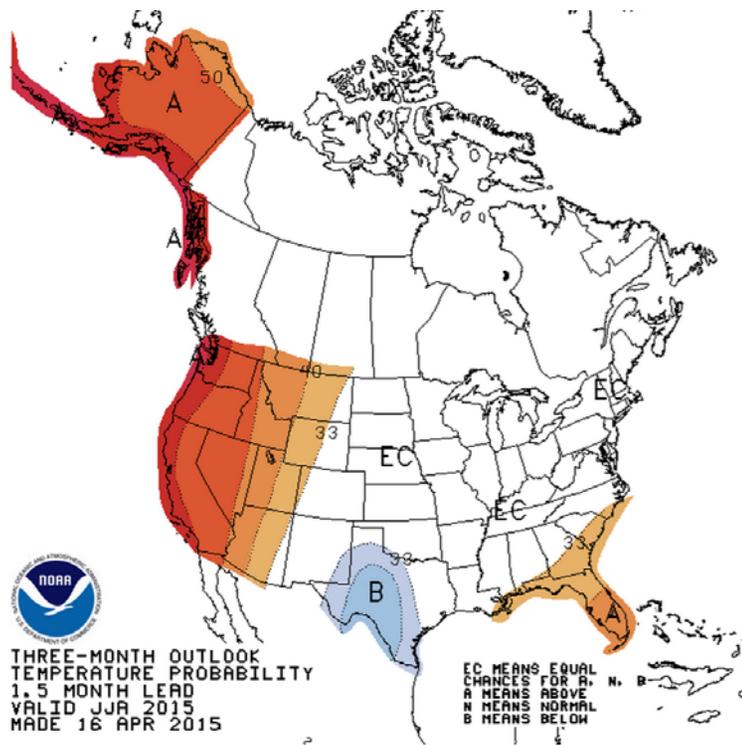
Permission to reproduce the map

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.

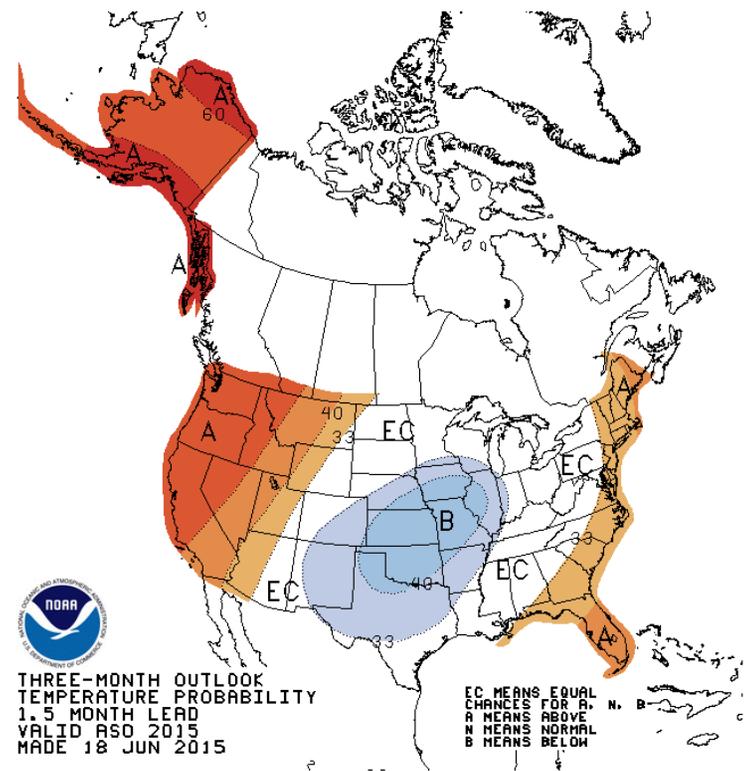
NOAA TEMPERATURE FORECAST

June, July, Aug.



May Meeting

Aug., Sept., Oct.

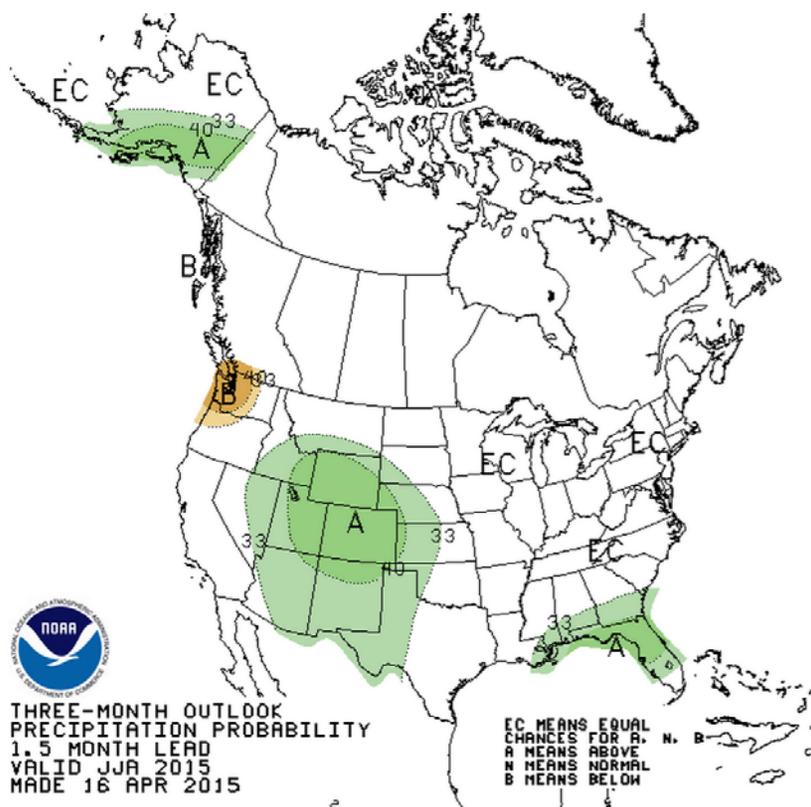


July Meeting

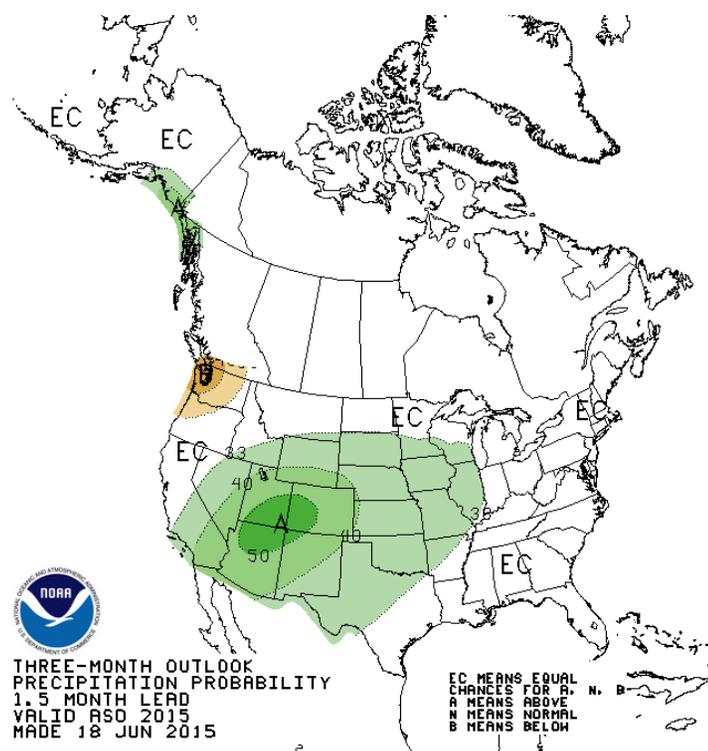
NOAA PRECIPITATION FORECAST

June, July, Aug.

Aug., Sept. Oct.



May Meeting



July 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

TO: Zone 3 Advisory Committee
FROM: Katie Drexhage, Environmental Resource Specialist
DATE: July 16, 2015
SUBJECT: Lopez Water Project HCP Status Updates

The ECORP team has made significant progress on the Lopez Water Project Habitat Conservation Plan Hydrogeologic Services work effort. A baseline modeling run representing existing conditions has been completed. Subconsultant Cleath-Harris has received annual water pumping data for a range of crops. The information is being reduced and will be used to increase calibration of the simulation model as well as be used in the accounting in the Water Availability Analysis (WAA). Also, the 2011 draft HCP downstream flow program has been evaluated in the project simulation model as the first project alternative. The results quantify the water supply yield effect, as compared to baseline, and increased triggering of the low reservoir response plan.

ECORP discussed the District's water rights application with the State Water Resources Control Board (SWRCB) on June 11. ECORP discussed the approach of the WAA including options to evaluate riparian diversions. ECORP will meet with the SWRCB at their office in late July/early August. The purpose of the meeting will be to present detailed technical approach to support the WAA, be sure information is adequate to meet SWRCB needs, and present preliminary results if available at that time.

ECORP will send preliminary modeling runs to HT Harvey so that HT Harvey can begin drafting various downstream release program alternatives that will be analyzed in the HCP. ECORP will also continue to draft a technical document summarizing the modeling approach that could be used to inform the National Marine Fisheries Services and U.S. Fish and Wildlife Service about the model.



SAN LUIS OBISPO COUNTY
DEPARTMENT OF PUBLIC WORKS

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TO: Zone 3 Advisory Committee

FROM: Mark Hutchinson, Deputy Director

DATE: July 16, 2015

SUBJECT: Water Supply Update:
Surplus Water Declaration; Low Reservoir Response Plan;
State Water/Zone 3 Recharacterization

Recommendation

- Receive and file this update

Discussion

The Declaration of Surplus Water pursuant to Article 4(D) of the water supply contracts, originally scheduled for April 14 of this year, was delayed pending agency decisions on the State Water/Zone 3 Recharacterization proposal. As of July 6, 2015 agreement, all of the affected agencies (except the District and County Service Area 12 (CSA 12)) have consented to the one-time recharacterization.

Actions to be presented to the Board of Supervisors include:

1. Approve the recharacterization, sitting as both CSA 12 and as the District;
2. Declare Surplus Water pursuant to the Water Supply Contracts using the amounts generated by the recharacterization proposal; and
3. Acknowledge the continued application of the Low Reservoir Response Plan, which will result in a maximum amount of Lopez water to be carried over in individual agency water accounts.

The tentative Board of Supervisors meeting date is September 22.

Background

Surplus Water

“Surplus water” is the sum of the previous water year’s undelivered municipal water, plus any unreleased downstream water (anything less than 4,200 acre feet). Per the water supply contracts, this water is offered to the municipal agencies for use in the following year *based upon their percentage share in the overall project*. This year, the Surplus Water Declaration will be made primarily to comply with the contracts because the actual amounts available are governed by the Low Reservoir Response Plan.

Low Reservoir Response Plan

The Low Reservoir Response Plan, adopted by the Board of Supervisors on December 16, 2014 after the endorsement of all of the Zone 3 agencies, provides that unreleased downstream water is not counted in the surplus calculation, and that each agency “carries over” unused water in its own separate water account.

State Water/Zone 3 Recharacterization

State Water/Zone 3 Recharacterization proposal is a retroactive water accounting change to effectively exchange Lopez water used in 2014 for a like amount of unused State Water. This exchange is possible because during the spring of 2014, State Water was moved into Lopez Reservoir for the benefit of State Water subcontractors connected to the Lopez turnout. The result is that the amount of State Water stored in the reservoir is reduced, and the amount of Lopez water is increased by a like amount. The increase in Lopez water becomes carryover for the three agencies participating in the recharacterization (Avila Beach Community Services District, Oceano Community Services District, and the City of Pismo Beach).



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MEMORANDUM

TO: Zone 3 Advisory Committee

FROM: Jeff Lee, PE
Capital Project Manager

DATE: July 16, 2015

SUBJECT: Capital Projects Update

Project Updates:

- 6th Rack Addition
 - Fabrication by Pall: complete; equipment being stored by Pall prior to installation
 - Rack installation and improvements plans
 - Currently out to bid; bid opening on July 23, 2015
 - Installation and testing in September/October
- Turnout SCADA Project
 - Panel fabrication is under way under contract with ESE;
 - A manufacturing delay in part delivery will push panel delivery until late-August (approximately a 6 week delay);
 - Cannon is under contract to install the panels after fabrication
 - Installation anticipated to be completed upon panel delivery
- Equipment Replacement Program
 - VFD and other Plant System Audits
 - Audit and discussion of equipment purchases are included in the FY15-16 budget
- Work Program for FY15-16
 - The Zone 3 Budget by the Board of Supervisors has been approved
 - New work efforts include:
 - Lopez Dam: Repair V-ditch adjacent to spillway
 - Parking Lot resurfacing at the Water Treatment Plant
 - 33" Pigging Project (Clearwell to Wesley Street): multi-year effort
 - Water Treatment Plant Intake Repair (under consideration)

- Continuing work efforts include:
 - 6th Rack Membrane Filter Rack Addition
 - Turnout SCADA Project
 - Equipment Audit Plan
 - VFD Project
 - Power Monitoring Equipment
 - PLC Replacement & Programming

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TO: Zone 3 Advisory Committee

FROM: Jeff Lee, PE
Capital Project Manager

DATE: July 16, 2015

SUBJECT: Maintenance Effort – Terminal Dam Intake Repair

Recommendation:

Include the Terminal Dam Intake Repair project in Terminal Dam Work Order #552R235102 and return in September 2015 to address funding based on anticipated savings from the FY14-15 Capital Improvement Program.

Discussion:

As part of the recent Division of Safety of Dams review of the Lopez Project, two items were identified that need to be reviewed and addressed. The items include:

- Lopez Dam: Repair V-ditch adjacent to the Spillway
- WTP: Terminal Dam Intake Repair

The V-ditch project is included within the Flood Control Zone 3 FY15-16 budget and preliminary work will be starting on that project as of July 1, 2015.

The scope of the Intake Repair would include reaffixing the vertical stabilizer on the intake structure. It was anticipated that the Intake Repair project would be included as part of the FY16-17 maintenance budget cycle. However, initial inspections indicate that the repair should be completed during the next planned Plant shut-down. The next Plant shut-down is anticipated during testing and installation of the 6th Membrane Filtration Rack Project in October, 2015.

An estimated cost to complete the Intake Repair is \$30,000 based on an initial inspection to identify the issue and a preliminary repair estimate. Capital project savings are anticipated from the Perimeter Security Fence project and would be sufficient to fund the Intake Repair project.