



ALAMEDA COUNTY FLOOD CONTROL AND WATER CONSERVATION DISTRICT, ZONE 7

100 NORTH CANYONS PARKWAY • LIVERMORE, CA 94551 • PHONE (925) 454-5000 • FAX (925) 454-5727

**NOTICE OF REGULAR MEETING OF BOARD OF DIRECTORS**

**DATE:** Wednesday, April 16, 2014

**TIME:** 7:00 p.m.

**LOCATION:** Zone 7 Administration Building  
100 North Canyons Parkway, Livermore, California

*Any member of the public desiring to address the Board on an item under discussion may do so upon receiving recognition from the President. After receiving recognition, please step to the podium and state your name and address.*

*In compliance with the Americans with Disabilities Act, the meeting room is wheelchair accessible and disabled parking is available at the Zone 7 Administrative Building lot. If you are a person with a disability and you need disability-related modifications or accommodations to participate in this meeting, please contact the Zone 7 Board Secretary, Judy Rector, at (925) 454-5053 or fax (925) 454-5724. Notification 48 hours prior to the meeting will enable Zone 7 to make reasonable arrangements to ensure accessibility to this meeting. {28 CFR 35.102-35, 104 ADA Title II}*

**A G E N D A**

1. Call Meeting to Order
2. Pledge of Allegiance
3. Citizens Forum

*This is an opportunity for members of the public to speak on an item not listed on the agenda. The Board cannot deliberate or take action on a non-agenda item unless it is an emergency as defined under Government Code Section 54954.2.*

4. Minutes of the Regular Meeting of March 19, 2014
5. Consent Calendar
  - a. Consideration of the 2013 San Francisco Bay Area Integrated Regional Water Management Plan
  - b. ACWA General Election at Spring Conference

6. Staffing Update:

February Employee of the Month Recognition

7. Annual Review of Sustainable Water Supply for Zone 7 Water Agency

Recommended Action: Adopt resolution.

8. Declaring May as Water Awareness Month

Recommended Action: Adopt resolution

9. Contract for Standby Power Generator Rental

Recommended Action: Adopt resolution

10. Award of Contract for the DVWTP Filter 1 Media Replacement Project

Recommended Action: Adopt resolution

11. Award of Operated Equipment Supply Contract for Maintenance and Emergency Work for Flood Control Facilities, Project No. 236-14

Recommended Action: Adopt resolution.

12. Contract for Weed Control Spraying Services

Recommended Action: Adopt resolution.

13. Adoption of Revised Water Quality Policy

Recommended Action: Adopt resolution.

14. Consider Action to Increase the Director Compensation and/or Reduce Number of Monthly Meetings to be Compensated

Recommended Action: Second hearing: Consider adopting ordinance.

15. Committees - Zone 7/DSRSD/Livermore/Pleasanton/Cal Water Liaison Committee Meeting, March 26, 2014 – minutes pending  
Water Resources Committee Meeting, April 8, 2014 - minutes

16. Reports – Directors

- a. Verbal comments by President
- b. Written report by Director Quigley
- c. Verbal reports

17. Items for Future Agenda – Directors

18. Staff Reports (Information items. No action will be taken.)

- a. General Manager's Report
- b. Communications Outreach Activities
- c. Legislative Update
- d. Monthly Budget Report
- e. Drought Update
- f. Capital Project Status Report
- g. Verbal Reports

19. CLOSED SESSION

- (a) Conference with Legal Counsel -- Significant exposure to litigation pursuant to Gov't Code Section 54956.9(d) (2): 2 cases
- (b) Conference with Legal Counsel -- Potential litigation pursuant to Gov't Code section 54956.9(d) (3): 1 case
- (c) Conference with Legal Counsel -- Initiation of litigation pursuant to Gov't Code Section 54956.9(d) (4): 1 case.

- (d) Conference with Legal Counsel - Existing litigation pursuant to paragraph 1 of subdivision (d) of Government Code Section 54956.9: 2 cases

*Thomas Hempill v. Zone 7 Water Conservation District; California*  
Public Employment Relations Board No. SF-CE-1195-M.

Abram v. County of Alameda - Claim No: 13-028

- (e) Conference with Labor Negotiators:  
Agency Negotiator: G.F. Duerig  
Employee Organizations: Alameda County Management Employees Association; Alameda County Building and Construction Trades Council, Local 342, AFL-CIO; International Federation of Professional and Technical Engineers, Local 21, AFL-CIO; Local 1021 of the Service Employees International Union, CTW; Unrepresented Management.

20. Open Session and Report Out of Closed Session

21. Adjournment

Upcoming Board Schedule: (All meeting locations are in the Boardroom at 100 North Canyons Parkway, Livermore, California, unless otherwise noted)

- a) Special Board Meeting (if needed): April 30, 2014
- b) Regular Board Meeting: May 21, 2014, 7:00 p.m.

**Materials related to an item on this agenda that have been provided to the Board less than 72 hours prior to the meeting are available for public inspection at the Zone 7 office at the time of, and prior to, the meeting and at [www.zone7water.com](http://www.zone7water.com). All other material otherwise provided to the Board will be available at the public meeting.**

MINUTES OF THE BOARD OF DIRECTORS  
ZONE 7  
ALAMEDA COUNTY FLOOD CONTROL AND WATER CONSERVATION DISTRICT

REGULAR MEETING  
March 19, 2014

President Stevens called the meeting to order at 7 p.m. The following were present:

DIRECTORS: SANDY FIGUERS  
JOHN GRECI  
A J MACHAEVICH  
SARAH PALMER  
DICK QUIGLEY  
ANGELA RAMIREZ HOLMES  
BILL STEVENS

DIRECTORS ABSENT: NONE

ZONE 7 STAFF: JILL DUERIG, GENERAL MANAGER  
KURT ARENDS, ASSISTANT GENERAL MANAGER, ENGINEERING  
TOM HUGHES, ASSISTANT GENERAL MANAGER, ADMINISTRATION  
CAROL MAHONEY, INTEGRATED PLANNING MANAGER  
DIANA GAINES, SENIOR ENGINEER, FLOOD PROTECTION  
JEFF TANG, ASSOCIATE CIVIL ENGINEER, FLOOD PROTECTION  
TOM PICO, EMPLOYEE SERVICES MANAGER  
JUDY RECTOR, BOARD SECRETARY

COUNSEL: DAVID ALADJEM, DOWNEY BRAND

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**Item 1 - Call Meeting to Order**

**Item 2 - Pledge of Allegiance**

President Stevens led a salute to the flag.

**Item 3 - Citizens Forum**

Gail Shearer, owner of Tazetta Winery, thanked Zone 7 and staff member Sal Segura for the informational meeting for untreated water users held on February 25. They had concerns about how vine growth would be affected by salinity levels from the South Bay Aqueduct and Mr. Segura reassured the untreated water users that he would notify them if high levels of salinity were reached.

**Item 4 - Minutes of the Regular Meeting of February 19, 2014**

Director Ramirez Holmes made a correction to Page 5 of the minutes of February 19, 2014. The statement "No comments from the public" was removed and "Public Comments" was inserted on Page 6 before comments by Jennifer Jimenez Jamieson. Director Quigley moved for approval of the revised minutes and Director Ramirez Holmes seconded the motion. The revised minutes were approved by a 6-0 vote with Director Machaevich absent.

Director Machaevich arrived at 7:04 p.m.

### **Item 5 - Consent Calendar**

Director Palmer asked that Consent items 5(a), 5(b) and 5(c) be pulled for questions.

#### **Item 5(a) - Amendment No. 3 to Memorandum of Understanding for the Alameda Creek Workgroup**

Director Palmer asked what the term “readily accessible” means on Page 3 of Consent Item 5(a), and had a question about funding. Carol Mahoney, Integrated Planning Manager, responded that the funds are being held by Alameda County Water District and after the Memorandum of Understanding (MOU) expired, there was no ability to use funds so not “readily accessible” because the authorization to use the funds would have expired. Alameda County Water District, (ACWD) as treasurer, still holds the funds. If there were no MOU or reason then ACWD would reimburse the agencies. Director Palmer asked if the total request of the funding partners is \$70,000 with unexpired funds added to the \$50,000. Ms. Mahoney responded in the affirmative. Director Ramirez Holmes asked if all 17 partners are signing on to a continuation. Ms. Mahoney clarified that this is an amendment to get to the next step until the new MOU is ready. Ms. Duerig said that although the Board had authorized her to enter into partnership contracts where Zone 7’s share is \$25,000 or less, and this is within her authority level, staff wanted to keep the Board informed of partnership efforts where Zone 7’s contributions are leveraged for the best outcome.

President Stevens suggested all three Consent items be approved at once after Director Palmer’s questions were answered.

#### **Item 5(b) - Award of Contract for PPWTP UF Clarifier Recoating Work**

Director Palmer asked if the corrosion consultant mentioned in Consent Item 5(b) was completely separate from TPA Construction. Kurt Arends, Assistant General Manager, Engineering, said they are an independent consultant that they use for these contracts. Director Ramirez Holmes asked if replacement is an option since there is a large repair plan and is it still financially feasible to do the repair. Mr. Arends replied that this is a coating to the clarifier and to replace the clarifier would be very expensive. The initial assessment was for patchwork repairs but an additional assessment showed extensive areas that needed to be recoated. Pressure washing uncovered corrosion that they did not realize was there and the original coating put on by another contractor needed to be removed and recoated. Director Figueroa asked about the structure of the clarifier. Mr. Arends said there is separation of the coating from the steel and it will be blasted down to bare metal, recoated, inspected, and it should add significantly to the life span of the clarifier.

#### **Item 5(c) - Additional Funding for Construction of Pipeline between Cope Lake and Lake I**

Director Palmer asked why the environmental mitigation measures were omitted from the original estimate for the contract with CH2M Hill for design and construction of the pipeline connection between Cope Lake and Lake I. Ms. Duerig responded that staff had less than a week to put together the January 29<sup>th</sup> agenda item and this item for additional funding will cover the unanticipated costs including environmental mitigation measures required under the terms of the project’s Negative Declaration.

Director Greci moved that all three consent items be approved and Director Quigley seconded the motion. A roll call vote was taken and the motion passed by a 7-0 vote resulting in the following three resolutions:

- |                        |                                                                                                                                                                     |
|------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Resolution No. 14-4351 | Authorized the General Manager to execute a third amendment to the 2006 Memorandum of Understanding to the Alameda Creek Fisheries Restoration Workgroup. (Item 5a) |
| Resolution No. 14-4352 | Authorized the General Manager to negotiate a contract with TPA Construction, Inc., for the additional recoating work of the UF Clarifier steel parts. (Item 5b)    |
| Resolution No. 14-4353 | Authorized the General Manager to increase the contract amount with CH2M Hill for the design and construction of a Pipeline between Cope Lake and Lake I. (Item 5c) |

### **Item 6 - Staffing Update**

Ms. Duerig announced that Brad Ledesma, an Associate Civil Engineer in Integrated Planning, was selected as the January 2014 Employee of the Month. In addition to his dedication and work ethic to the Agency in all of his projects, he has been involved in the drought emergency response planning, too. The Board congratulated and applauded Mr. Ledesma. Director Palmer added that Brad gave a presentation to her students as well as interested students from Dublin High that added to their understanding of water issues.

### **Item 7 - Contract with Schaaf & Wheeler for Hydrologic/Hydraulic Modeling and Mapping Support**

Mr. Arends introduced Project Manager and Senior Engineer Diana Gaines who gave a short presentation to provide background on the modeling staff has been doing and the need for the contract with Schaaf & Wheeler. Ms. Gaines' presentation included the background of the project and details on the hydrologic and hydraulic models. Based on comments received during the peer review of the preliminary report by three local flood control agencies, staff felt it did not possess the level of expertise needed to address the comments, modify the current model and incorporate changing industry standards. Staff recommended hiring a consultant because of the higher level of expertise required, more resources to efficiently complete the project, and providing training to staff in these areas.

After a Request for Proposals was sent out and four proposals were received, staff is recommending a contract with Schaaf and Wheeler for \$240,000 for Phase I, which covers Tasks 1 through 4. Dan Schaaf of Schaaf and Wheeler answered questions from the Board. Ms. Gaines told the Board that staff will return to the Board later with a separate item for Phase 2, Task 5, which could have flood control benefits for future improvements.

Director Ramirez Holmes asked what is the schedule for updating the Stream Management Master Plan (SMMP) and what is the budget with having to re-do the model? Is the SMMP always funded by the Development Impact Fee (DIF)? Mr. Arends replied that there is money in the budget for the project and this is offsetting staff time to learn how to perform the work so it is less expensive to have a consultant come in. The DIF is established by the results of the 2006 SMMP and periodic updates were included. This is the first effort to update it and could

establish a potentially new fee depending upon Task 5, the projects needed to solve the problems identified in Task 4. The cost of those projects would feed into the development fee needed to address those problems. When Director Ramirez Holmes asked if the CIP would be postponed on the flood control side awaiting the results of the SMMP, Mr. Arends responded that the flood control CIP doesn't have any significant projects planned and the project schedule is to complete this modeling by the end of the year, complete Task 4 by August, and identify projects.

Director Ramirez Holmes also asked if this is the right time to fund this project given the obligations for the drought and how will it impact the budget? Mr. Arends said it is already part of the current budget for financial planning and flood protection is a different fund than water so unrelated to the drought. She then asked if it is off the timeline or schedule for the project but Mr. Arends said a sound, valley-wide model is needed to update the original 2006 SMMP.

Director Palmer noted that it is important to have these models for watershed management.

Director Quigley said that in 2006, an SMMP update was promised and a lot has changed and will change in the future, which presents the need for a new and more robust model. He encouraged the Board to look at saving time and money by putting Task 5 into the study, which will benefit the Chain of Lakes.

Director Machaevich said his concerns are that the data provides good measuring and controls to get good modeling and perhaps expand that capability to get real time modeling. This will also give Zone 7 advantages for high flow rates or recharging lakes. He is hoping that this modeling will make it easier for staff and Zone 7 to control the water flows and take advantage of high water flow events. He asked how many sensors we have for flow rates. Mr. Arends replied that the USGS has several gauges but Ms. Gaines added that if you go out too far, it is not representative of what is happening in the valley. Basically, there are seven strategic gauges for the modeling. Mr. Schaaf said it does bring to light the lack of gauging stations for a proper model and they are looking at trying to expand the number of gauges in the future for real-time modeling and the use of electronics could lessen the labor intensiveness of the modeling.

Director Greci said that any modeling process needs to be updated periodically and that is determined on the use, the agency, and the validity of the modeling. We have a responsibility for flood control and water and this modeling will help us gain a tool for flood control showing where the water will go in high flows and establish vulnerable areas. He feels \$240,000 is an inexpensive tool for better flood control.

Director Figuers asked Mr. Schaaf questions about ground saturation during modeling.

President Stevens asked if the ultimate goal is FEMA maps and will this provide helpful data for the maps.

Public Comment:

Don Kahler, Pleasanton Gravel, said he has been in this area for 60 years and the Mocho has flooded several times when a heavy storm comes through.

Director Palmer moved that the motion be approved and Director Machaevich seconded the motion. A roll call vote was taken and the motion passed by a 7-0 vote.

**Item 8 - Award of Contract for the Mocho 3 and Stoneridge Well Repair Project**

Mr. Arends told the Board that last year Zone 7 well facilities showed signs of problems from reduced capacity and vibrational noise during operation. In January, the Board authorized the contract with Layne Christensen to repair the Mocho 4 well pump and when this work was done, there was a lot of corrosion and damage identified. Similarly, the Mocho 3 Well, constructed around the same time, is also showing signs of decreased production but not to the same extent as Mocho 4. Because of the extreme drought, it is important to have all of our facilities functioning and ready to produce this summer. The Stoneridge Well has been vibrating and we are trying to identify whether it is a motor issue or a pump issue. Staff and consultants feel there is something down the shaft or pump causing the vibration so it is important to repair both of these wells. Due to the drought emergency, the normal bid process was not followed in order to get these wells pulled, replaced and back in service before the summer demands. Pumps were pre-purchased but a contractor was needed to pull and repair the wells. This item is recommending a sole-source contract to Layne Christensen, selected through the bid process and the low bidder for the Mocho 4 project. They have agreed to maintain their unit prices from that bid for these projects to pull these two wells. The recommendation is to approve the contract with Layne Christensen for \$260,000, which will cover two wells, pulling, repairing, and replacing both the Mocho 3 and Stoneridge Well pumps.

Director Figuers said this is an extremely good call by staff and needs to be done.

Director Ramirez Holmes asked if the existing budget was already approved or if funds were transferred from reserves. Mr. Arends said money is in the existing budget so no additional appropriations are required for this work. Director Ramirez Holmes asked when there was an assessment for all of the wells. Is there a chart showing production and improvements needed for wells and so Directors can keep aging infrastructure issues in mind. Mr. Arends responded that assessments are done as part of the Asset Management Program but it is expensive to pull the pump out of a well so they are monitored based on their capacity and both Mocho 3, Mocho 4 and Stoneridge, our biggest producing well, were identified as needing repair.

Director Quigley said we need to make sure wells are functioning through the drought period and noted that we need to replenish the groundwater aquifer when the State gives back our water allocation.

Director Stevens asked if the data would be shared with the retailers that have their own wells and was told that it is common practice to maintain wells and monitor them.

Director Palmer moved that the motion be approved and Director Greci seconded the motion. A roll call vote was taken and the motion passed by a 7-0 vote.

**Item 9 - Tri-Valley Utilities; Results of Coordination/Integration Study - Draft Report and Near-Term Recommendations**

Ms. Duerig said on March 5<sup>th</sup> there was a Tri-Valley Utilities Liaison meeting and preliminary draft minutes were included in the Board packet. There was a lot of discussion and a presentation by Management Partners to summarize the report and a joint staff report signed by all of the Steering Committee members. Basically, the recommendations consist of not hurrying into a Phase 2 Study when there are drought concerns and expenses for all because this does impact water budgets, which bear the financial burden of the drought. It was decided to come up in the short term with a reciprocal master agreement, bring it forward in the next months to see if there are other opportunities to collaborate, and bring it back to the Joint Liaison Committee meeting in a year. Staff recommended that the Board accept the report and approve interim recommendations so staff can continue to move on developing that reciprocal services master agreement and continue to collaborate with the other agencies.

Director Palmer noted that it was heartening to see how the cooperation has been extensive and continues to grow to make things cost effective, which will be good for the people of the valley.

Director Figuers moved that the motion be approved and Director Quigley seconded the motion. A voice vote was taken and the motion passed by a vote of 7-0.

Resolution No. 14-4356      The Zone 7 Board of Directors accepts the October 2013 “Tri-Valley Utilities - Results of Coordination/Integration Study, Phase 1” and directs staff to implement the Joint Recommendations as outlined in the Joint Staff Report dated March 5, 2014. (Item 9)

**Item 10 - Consideration of Action to Increase the Compensation of Members of the Board of Directors of Zone 7 of Alameda County Flood Control and Water Conservation District**

Tom Hughes, Assistant General Manager, Administration, reminded the Board that on March 15, 2006, the Board had adopted a policy on compensation and expense reimbursements. A review of the Board’s compensation is conducted on a biennial basis. A chart of results of the Water Agency Board of Directors 2014 compensation study was made available to the Board and public.

Tom Pico, Employee Services Manager, noted that the last increase for the Board was in June 2008. The current salary for the Board is \$159.99 per meeting. The comparable agencies had a mean compensation of \$175.13 per meeting. The Board discussed three options: 1) maintain the current compensation; 2) set the compensation to the mean for the next two years at \$175.13 per meeting; and 3) increase 30% up to \$207.98 per meeting as allowed by the Water Code. Staff asked for direction from the Board to schedule a public hearing for next month or forego an increase at this time.

Director Figuers questioned the list of comparable water agencies used since it differs from those used for salary surveys but Mr. Hughes reminded him that the Board has the ability to change the agencies used in this survey. Ms. Duerig said that when going for comparable positions, agencies may not have the same position available, i.e., there may be differences between a City Council Member versus a Special District Board Member.

Director Greci noted that he has been on the Board for more than 20 years and did not take the job for the pay. He prefers Option 1 to leave things the way they are because of the current drought situation and feels it is not appropriate for the Board to give themselves a raise.

Ms. Duerig clarified that the two years is not a fixed time and if, for drought reasons, the Board did not want to discuss it this year, it could be revisited next year.

Director Palmer said that it is not a huge raise and that the Zone 7 Board is the only one who doesn't have health, vision or dental benefits. She feels it is not unreasonable to take the mean and the average is still low.

Director Greci noted that the number of meetings has changed from four per month to ten per month so Directors are paid for more meetings if they attend that many but there is criteria for attending and representing Zone 7.

Director Quigley said he agrees with Director Palmer because of the compensation given other agencies. This is a minimal increase and still less than what other agencies provide if benefits are included. He is comfortable with going with the mean; it is the lowest of the options other than no increase.

Director Stevens also agreed with Option 2 and said he is okay if the meeting number needs to be cut to five. Director Ramirez Holmes mentioned long-term conferences and a four-day conference plus other meetings can add up to more than five and conferences are part of it. Ms. Duerig verified that Board members may request compensation for attending non-Zone 7 Board meetings, events or activities including conferences and organized educational programs.

Director Ramirez Holmes said she would like to hear from the public. Ms. Duerig said that staff will take that as direction to bring this item back to the Board in April for a public hearing next month.

General Counsel David Aladjem described the process if the Board would like to increase the rate paid is to have a public hearing at the April meeting; staff will do the necessary newspaper publication; the hearing will be opened and public comments taken, and then there will be a vote by the Board.

**Item 11 - Committees** - Utility Coordination Ad Hoc Committee, March 5, 2014 - Preliminary Notes.

**Item 12 - Reports - Directors**

a. Verbal comments by President

President Stevens noted that the three candidates for the Zone 7 Board of Directors' election were present. All three, Matt Morrison from Pleasanton, Alfred Exner from Pleasanton, and Jim McGrail from Livermore, introduced themselves.

b. Written report by Director Quigley

c. Other Directors' Verbal Reports

Director Ramirez Holmes noted that she had attended a February 20<sup>th</sup> BDCP forum and General Manager Jill Duerig was there to give the pro side of the BDCP. On February 25<sup>th</sup>, she attended the Pleasanton State of the City Address and on February 26<sup>th</sup>, she attended the City of Dublin's State of the City Address. Both speeches included comments on water, drought and recycling. On March 5th, she attended the Zone 7/DSRSD/Livermore/Pleasanton/Cal Water Liaison Committee Meeting.

Director Palmer attended the Election Women's Luncheon on March 14<sup>th</sup>.

Director Quigley attended the ACWA Washington DC Conference and met with many California Congressmen and Senator Feinstein and brought back a packet from the meeting to share. ACWA Region 5 was hosting an event in Santa Cruz March 23 and 24 on "Working Together in Dry Times - How the Santa Cruz Water Community is Collaborating for Solutions."

President Stevens asked if staff is meeting with groups such as Rotary, Chambers of Commerce, etc. to teach people about what is happening with the drought. Ms. Duerig replied that staff has been doing a great job on that. Director Ramirez Holmes asked for a list of the meetings/activities before they happen. Ms. Duerig said we usually fulfill individual requests and do not keep track of them. Director Ramirez Holmes said that meetings should be tracked and Board members would like to know about Outreach and Communication meetings such as the Untreated Water meeting. Ms. Duerig said that it was not a public meeting and typically directors would not be notified of such meetings. Director Palmer said it would be good to keep a record of what staff is doing for transparency. President Stevens warned about not getting into the daily operation of staff and a list of staff activities is not needed. Director Palmer said they do not need to know of every meeting but key things like public education would be good to know and some kind of a record on a spreadsheet would be appreciated. Ms. Duerig said she will try to keep the Board better informed.

**Item 13 - Items for Future Agenda - Directors** - none.

**Item 14 - Staff Reports** (Information items.)

- a. General Manager's Report
- b. Communications Outreach Activities
- c. Legislative Update
- d. Monthly Budget Report
- e. Update Related to the Bay Delta Conservation Plan
- f. Drought Update
- g. Verbal Reports

Ms. Duerig told the Board that the Drought Update staff report in their Board packet had been revised and the revised report was distributed to them prior to the meeting.

The board went into closed session at 8:28 p.m.

**Item 13 - Closed Session**

- (a) Conference with Legal Counsel -- Significant exposure to litigation pursuant to Gov't Code Section 54956.9(d) (2): 2 cases.

- (b) Conference with Legal Counsel -- Potential litigation pursuant to Gov't Code section 54956.9(d) (3): 2 cases.
- (c) Conference with Labor Negotiators:  
 Agency Negotiator: G.F. Duerig  
 Employee Organizations: Alameda County Management Employees Association; Alameda County Building and Construction Trades Council, Local 342, AFL-CIO; International Federation of Professional and Technical Engineers, Local 21, AFL-CIO; Local 1021 of the Service Employees International Union, CTW; Unrepresented Management.
- (d) Conference with Real Property Negotiator:  
 Property: APNs 946-1251-029-00 and 946-1251-8-6 (partial)  
 Agency Negotiator: G.F. Duerig  
 Negotiating Parties: Robert M. Krantz, UPRR and Daniel Woldesenbet, AlCo  
 PWA Under negotiation: Price and terms of payment

#### **Item 14 - Open Session and Report Out of Closed Session**

The Board came out of Closed Session at 8:47 p.m. and President Stevens reported there were no reportable actions taken in closed session.

Director Palmer moved and Director Ramirez Holmes seconded a motion approving Resolution 14-4357 by a 7-0 voice vote.

|                        |                                                                                                                                                                                                                                                     |
|------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Resolution No. 14-4357 | Approved the Supplemental Agreement to the Memorandum of Understanding with the Alameda County Building and Construction Trades Council that bargaining unit employees shall receive a one-time payment of \$1,000 on the April 25, 2014, paycheck. |
|------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

Director Palmer moved and Director Ramirez Holmes seconded a motion approving Resolution 14-4358 by a 7-0 voice vote.

|                        |                                                                                                                                                                                                                                                                        |
|------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Resolution No. 14-4358 | Approved an amendment to Appendix A, Footnotes to Salary Schedule Section 7.2 - Professional Engineer License Fee, in the Memorandum of Understanding with the International Federation of Professional and Technical Engineers, Local 21, effective January 15, 2014. |
|------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

#### **Item 15 - Adjournment**

The meeting was adjourned at 8:48 p.m.



## ALAMEDA COUNTY FLOOD CONTROL AND WATER CONSERVATION DISTRICT, ZONE 7

100 NORTH CANYONS PARKWAY • LIVERMORE, CA 94551 • PHONE (925) 454-5000 • FAX (925) 454-5727

**ORIGINATING SECTION: Integrated Planning**

**CONTACT: Robyn Navarra/Carol Mahoney**

AGENDA DATE: April 16, 2014

ITEM NO. **5a**

**SUBJECT:** Consideration of the 2013 San Francisco Bay Area Integrated Regional Water Management Plan

### **SUMMARY:**

- In 2004, the Bay Area Water Agencies Coalition (BAWAC) and the California State Coastal Conservancy (SCC) spearheaded the coordinated development of the San Francisco Bay Area Integrated Regional Water Management Plan (IRWMP). Zone 7 and over 20 Bay Area water management agencies entered into a Letter of Mutual Understanding in January 2004 to develop an IRWMP.
- In 2006, the IRWMP was first adopted by Bay Area agencies, including Zone 7. The Zone 7 Board of Directors adopted it on November 15, 2006. By adopting the Plan, Zone 7 was eligible to receive grants under Proposition 50 and Proposition 84 state bond measures.
- Bay Area water management agencies have recently completed an update to the Bay Area Integrated Regional Water Management Plan (2013 Bay Area IRWMP or Plan Update). Adoption of the Plan Update is required for continued grant funding under Proposition 84.
- Zone 7 Water Agency has participated in the development of the Plan Update through both the BAWAC and the Bay Area Flood Protection Agencies Association (BAFPAA).
- The 2013 Bay Area IRWMP outlines the region's water resources management needs and objectives, and presents strategies and a detailed implementation plan to achieve these objectives in four functional areas: (1) water supply/water quality, (2) wastewater/recycled water, (3) stormwater/flood protection, and (4) watershed/habitat restoration.
- Zone 7 is the recipient of both Proposition 50 and Proposition 84 (Round 1 and Round 2) awards for conservation and engineering projects (such as the Mocho Groundwater Demineralization Facility). To continue to be eligible for IRWMP reimbursement grants, Zone 7 must adopt the 2013 Bay Area IRWMP.

### **FUNDING:**

Funding comes from (or, in the case of grants, contributes to) Fund 100 – Water Enterprise and Fund 200 – Flood Control.

### **RECOMMENDATION:**

Adopt attached resolution

### **ATTACHMENTS:**

Memorandum

Resolution

## **Interoffice Memo**

Date: April 16, 2014  
To: Jill Duerig, General Manager  
From: Robyn Navarra, Water Conservation Coordinator  
Subject: Consideration of the 2013 San Francisco Bay Area Integrated Regional Water Management Plan (IRWMP)

### **BACKGROUND:**

Early in 2004, over 20 Bay Area water management agencies entered into a Letter of Mutual Understanding (LOMU) to develop a San Francisco Bay Area Integrated Water Management Plan (IRWMP). The benefits of integrated planning for water management activities include increased efficiency and effectiveness, enhanced collaboration across agencies and stakeholders, and improved responsiveness to regional needs and priorities. The intent is to increase opportunities to integrate plans and projects geographically and across four water management functional areas: (1) water supply/water quality, (2) wastewater/recycled water, (3) stormwater/flood protection, and (4) watershed/habitat restoration.

On January 9, 2006, the Bay Area agencies received an \$838,000 planning grant from the California Department of Water Resources to complete the functional area plans and integrate them into an overall IRWMP. On November 1, 2006, the IRWMP was finalized and circulated for adoption among the LOMU signatories. The Plan is updated as needed to reflect the current enhanced regional collaboration across agencies and stakeholders, which includes activities to include increase efficiencies and effectiveness, to improve responsiveness to regional needs and priorities. As a recipient of grant funding, agencies are required to adopt the IRWMP by May 17, 2014, by the governing boards in order for participating agencies to continue to be reimbursed by Department of Water Resources. Projects receiving implementation grants must be part of an IRWMP. Adoption of the Bay Area IRWMP by participating agencies will not require a direct commitment of resources.

The resulting Bay Area Integrated Regional Water Management Plan (IRWMP) is a regional water management planning document that was issued for adoption on November 1, 2006.

### **DISCUSSION:**

The 2013 IRWMP Update provides an implementation framework that calls for monitoring plan performance, tracking accomplishments, developing lists of prioritized projects and periodically updating the Plan as warranted. The 2013 IRWMP has also been updated in the areas of environmental justice, technical project data, regional characteristics, geography, water supplies, and coverage of Bay Area climate change and sea-level rise scenarios.

Adoption of the 2013 IRWMP does not necessarily entail a direct commitment of resources from participating agencies. Implementation of each project will be the responsibility of the project proponent and any applicable project partners - there is no joint commitment or responsibility by the IRWMP participants to implement any or all of the projects. The 2013 IRWMP is meant to complement, not supersede, a participating agency's individual plans and programs. Adoption of the 2013 IRWMP will not adversely affect Zone 7's planning efforts separate from the IRWMP.

Additional information and the full final 2013 IRWMP updates are available at <http://www.bairwmp.org/>

Zone 7 submitted projects that are incorporated into the Plan. Staff actively participated on various IRWMP Update committees such as the Coordinating Committee (CC), Project Screening Committee (PSC), and Project Update Team (PUT). Zone 7 provided comments and participated in the IRWMP 2013 update and the CC has completed the final updates to the Plan and submitted it to DWR for review and approval. DWR has approved the Bay Area IRWMP 2013 Update. The LOMU partners who are receiving funding from DWR, participating agencies must adopt the Plan Update by May 11, 2014 in order to continue to qualify and receive IRWMP designated grant funds.

State statutes and guidelines require that an IRWMP be adopted by May 11, 2014, by the governing boards of participating agencies before IRWMP implementation grant funds will be provided for water management projects. Projects receiving implementation grants must be part of an IRWMP. Currently, Zone 7 have received \$1.5 million grant funding for the Mocho Groundwater Demineralization Facility, and \$679,000 for Water Conservation Programs and incentives. Currently Zone 7 and other water agencies have submitted proposals to the PSC for the IRWMP Proposition 84 2014 Round 3 to develop additional conservation and engineering projects requesting additional funding.

#### **RECOMMENDATION:**

Staff recommends that the Zone 7 Board of Directors adopt the attached resolution to adopt the 2013 San Francisco Bay Area Integrated Regional Water Management Plan.

ZONE 7  
ALAMEDA COUNTY FLOOD CONTROL AND WATER CONSERVATION DISTRICT

BOARD OF DIRECTORS

RESOLUTION NO.

***Adoption of the 2013 Integrated Regional Water Management Plan***

INTRODUCED BY  
SECONDED BY

WHEREAS, state statute and guidelines require that Integrated Regional Water Management Plans (IRWMP) be adopted by the governing boards of participating agencies before applying for IRWMP grant funding; and

WHEREAS, Zone 7 and other participating agencies adopted the original San Francisco Bay Area IRWMP in 2006; and

WHEREAS, more recent state statutes and guidelines require that the Bay Area IRWMP be updated before agencies are eligible to receive additional or future IRWMP grant funding; and

WHEREAS, a grant was received to update the original Bay Area IRWMP, that Update having been completed in the Fall of 2013 and submitted to the California Department of Water Resources in January 2014; and

WHEREAS, the Draft 2013 Bay Area IRWMP Update was completed then posted on the internet and made available for public comment and a series of workshops were provided to stakeholders, including Bay Area local governments, creating an opportunity to ask questions, provide comments and make recommendations; and

WHEREAS, the 2013 Bay Area IRWMP Update incorporated changes based on comments received during the public review period in the areas of environmental justice, technical project data, and other elements of the Plan; and

WHEREAS, the Zone 7 Water Agency Board of Directors has reviewed the Bay Area IRWMP Update and determined that it is exempt from the California Environmental Quality Act pursuant to CEQA Guidelines §15262 and §15306 because the IRWMP Update consists of basic data collection that would not result in the disturbance of any environmental resource and involves planning studies for possible actions that the participating agencies have not yet approved; and

WHEREAS, the 2013 IRWMP Update is meant to be complementary to participating agencies' individual plans and programs and does not supersede such plans and programs, and adoption of the IRWMP does not prohibit or affect in any way a participating agencies' planning efforts separate from the IRWMP.

NOW, THEREFORE, BE IT RESOLVED, that the Zone 7 Board of Directors does hereby adopt the 2013 Bay Area IRWMP.

ADOPTED BY THE FOLLOWING VOTE:

AYES:

NOES:

ABSENT:

ABSTAIN:

I certify that the foregoing is a correct copy of a Resolution adopted by the Board of Directors of Zone 7 of the Alameda County Flood Control and Water Conservation District on April 16, 2014.

By \_\_\_\_\_  
President, Board of Directors



ALAMEDA COUNTY FLOOD CONTROL AND WATER CONSERVATION DISTRICT, ZONE 7

100 NORTH CANYONS PARKWAY • LIVERMORE, CA 94551 • PHONE (925) 454-5000 • FAX (925) 454-5727

**ORIGINATING SECTION: ADMINISTRATION**  
**CONTACT: JILL DUERIG**

**AGENDA DATE:** April 16, 2014

ITEM NO. **5b**

**SUBJECT:** ACWA GENERAL ELECTION AT SPRING CONFERENCE

**SUMMARY:**

The Association of California Water Agencies (ACWA) will be voting on a proposed amendment to the Bylaws (see attached). As in the past, ACWA requests that each member agency designate its voting representative.

This year, the ACWA Board has reviewed and recommended proposed changes submitted by the Legal Affairs Committee to eliminate the Personnel and Benefits Committee and establish a Business Development Committee, both standing committees with a voting seat on the ACWA Board (see attached).

Staff recommends naming a voting representative and providing direction for casting Zone 7's vote. A draft resolution has been prepared assuming the board decides to concur with the ACWA Board's recommendations and decides to authorize Director Dick Quigley, who is planning to attend the Spring Conference, to cast such a vote.

**FINANCIAL:**

There are no costs associated with this item since Director Quigley is already attending the Spring Conference.

**RECOMMENDED ACTION:**

Adopt attached Resolution

**ATTACHMENT:**

Resolution

ZONE 7  
ALAMEDA COUNTY FLOOD CONTROL AND WATER CONSERVATION DISTRICT  
BOARD OF DIRECTORS

RESOLUTION NO.

INTRODUCED BY  
SECONDED BY

***Designating Zone 7's Voting Member on Proposed Changes to the ACWA Bylaws***

WHEREAS, the Association of California Water Agencies (ACWA) has requested that each member agency designate a person to cast the agency's vote in its Officer Elections; and

WHEREAS, Director Dick Quigley plans to attend the Spring Conference in Monterey.

NOW, THEREFORE, BE IT RESOLVED, that the Board of Directors of Zone 7 of the Alameda County Flood Control and Water Conservation District hereby authorizes Director Dick Quigley to cast the Zone 7 Water Agency vote on proposed amendments to the ACWA Bylaws.

ADOPTED BY THE FOLLOWING VOTE:

AYES:

NOES:

ABSENT:

ABSTAIN:

I certify that the foregoing is a correct copy of a Resolution adopted by the Board of Directors of Zone 7 of the Alameda County Flood Control and Water Conservation District on April 16, 2014.

By: \_\_\_\_\_  
President, Board of Directors

## PROPOSED BYLAW AMENDMENTS OF THE ASSOCIATION OF CALIFORNIA WATER AGENCIES

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*(As amended by the Members on May 9, 2012 with changes  
recommended by the ACWA Board of Directors – March 28, 2014)*

This is to provide official notice that amendments to ACWA's Bylaws have been proposed. The proposals have been submitted in a manner consistent with Article 9, Section 6, of the Bylaws. In accordance with Article 9, Section 6, notice is hereby given to all Members that the following amendment proposals will be voted upon at a General Session Membership Meeting at ACWA's 2014 Spring Conference in Monterey, California, on Wednesday, May 7, 2014.

To be approved, the amendments require a two-thirds vote of the member agencies of the Association present and voting at the General Session Membership Meeting.

(The full text of ACWA's Bylaws can be found at [www.acwa.com/content/board-directors/bylaws-association-california-water-agencies](http://www.acwa.com/content/board-directors/bylaws-association-california-water-agencies).)

The language to be added is indicated by underline. Language to be stricken is indicated by strikethrough.

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### ARTICLE 7 – STANDING COMMITTEES

#### AMENDMENT #1

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Article 7, Standing Committees, new Section 4. Proposes to add a Business Development Committee, a standing committee with representation on the ACWA Board of Directors.

Section 4. Business Development Committee. There shall be a Business Development Committee whose duty it is to develop and recommend to the Board of Directors programs and activities to be provided or administered by the Association that generate non-dues revenue and provide a service or benefit to Association members. The committee shall consist of at least one representative from each region and one representative from the other standing committees.

**Rationale:** This change will provide the means for continued analyses of current and future non-dues revenue programs. The committee will be responsible for reviewing current programs for relevance and financial impacts and the development and implementation of new programs, as well as promoting solid financial resources to the Association and relevant services to the Association membership.

#### AMENDMENT #2

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Section 7, Standing Committees, Section 12. Proposes to delete the Personnel and Benefits Committee from the bylaws, resulting in the elimination of committee chair's representation on the ACWA Board of Directors.

~~Section 12. Personnel and Benefits Committee.~~ There shall be a Personnel and Benefits Committee whose duty it shall be to review, on a regular basis, membership salary survey, retirement issues, and other personnel, benefits, and administrative issues pertinent to the management of members of the Association. The committee shall consist of at least one and no more than two individuals from each region.

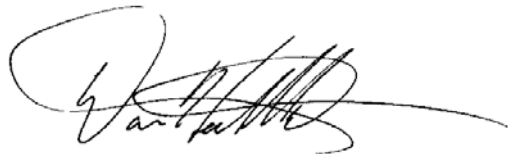
**Rationale.** This change has resulted from the benefit program functions reviewed by the Personnel and Benefits Committee having been fully transitioned to the management of ACWA-Joint Powers Insurance Authority (ACWA-JPIA) with the dissolution of ACWA-Health Benefits Authority (HBA) in July 2012.

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John A. Coleman  
ACWA President



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Daniel Hentschke  
Legal Affairs Committee Chair

## PROPOSED BYLAW AMENDMENTS OF THE ASSOCIATION OF CALIFORNIA WATER AGENCIES

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*(As amended by the Members on May 9, 2012 with changes  
recommended by the ACWA Board of Directors – March 28, 2014)*

### ARTICLE 7 – STANDING COMMITTEES

**Section 1. Qualification.** In order to serve on any ACWA standing committee, an individual must be an officer, employee, or member of the governing body of a member agency of the Association, or other representative duly designated by a member agency of the Association to represent that member at the time of the appointment. Where an individual ceases to meet these criteria during the term of the appointment, the individual may not serve during the remaining term of that appointment unless that individual can again meet the criteria for appointment and is appointed to complete the term.

**Section 2. Term of Office.** The term of office of standing committee members shall be two years commencing on January 1 of each even-numbered year. The term of office of standing committee chairs, who serve on the Board of Directors, shall be approximately two years and shall commence as soon after January 1 of the even-numbered year as they may be appointed by the president and ratified by the then-seated Board of Directors, and shall terminate on December 31 of the odd-numbered year approximately two years later or until their successors are appointed and ratified.

**Section 3. Meetings.** Meetings of standing committees may be called at such times and places designated by the respective chair thereof except where provided otherwise by these bylaws. Subject to the provisions of these bylaws and any actions that may be taken by the Board of Directors, the chairs of each standing committee may establish their own rules for the efficient operation of the committee they each chair. The chairs of each standing committee are authorized to create subcommittees and workgroups in order to complete the work of the committee.

**Section 4. Business Development Committee.** There shall be a Business Development Committee whose duty it is to develop and recommend to the Board of Directors programs and activities to be provided or administered by the Association that generate non-dues revenue and provide a service or benefit to Association members. The committee shall consist of at least one representative from each region and one representative from the other standing committees.

**Section 5. Communications Committee.** There shall be a Communications Committee whose duty it shall be to develop and make recommendations to the Board of Directors regarding a comprehensive internal and external communications program for the Association and to promote development of sound public information and education programs and practices among members of the Association. The committee shall consist of no more than 40 individuals. Of that number, at least one individual shall be from each region.

**Section 6. Energy Committee.** There shall be an Energy Committee whose duty it shall be to recommend policies and programs to the Board of Directors and to the State Legislative Committee and/or Federal Affairs Committee as appropriate. The committee shall consist of at least one representative from each region.

**Section 7. Federal Affairs Committee.** There shall be a Federal Affairs Committee whose duty it shall be to review all federal legislative proposals and regulatory proposals affecting members of the Association, after consulting with other appropriate committees, and to develop Association positions consistent with existing policy, where it has been established; recommend sponsorship of bills that will resolve problems or improve conditions for members of the Association; and assist in the establishment of the Association's federal legislative program. The committee shall consist of at least one and no more than five individuals from each region.

**Section 8. Finance Committee.** There shall be a Finance Committee whose duty it shall be to make recommendations to the Board of Directors regarding annual budgets, dues formula and schedules and other revenue-producing income, annual audit and selection of an auditor, and investment strategies. The committee shall consist of the president and vice president of the Association as ex officio members, the Finance Committee chair, one member of the region board from each of the Association's 10 regions (either chair or vice chair), and one additional representative from each region with experience in financial matters.

**Section 9. Groundwater Committee.** There shall be a Groundwater Committee whose duty it shall be to recommend policies and programs to the Board of Directors and to the State Legislative Committee and/or Federal Affairs Committee as appropriate. The committee shall consist of at least one representative from each region.

**Section 10. Legal Affairs Committee.** There shall be a Legal Affairs Committee whose duty it shall be to support the mission of the Association, and more particularly to deal with requests for assistance involving legal matters of significance to members of the Association, including but not limited to state and federal court litigation, water rights matters, selected regulatory and resources agency matters, proposed bylaw revisions, review of legislation as requested by the State Legislative Committee, etc. The committee shall consider matters and issues submitted to it in order to determine which ones are of major significance to the members of the Association and, assuming a finding of major significance, recommend to the Board of Directors the position(s) which the committee believes the Association should take with respect thereto. The committee shall be composed of between 35 and 45 attorneys, each of whom shall be, or act as, counsel for a member of the Association, representing diverse interests within the Association, including but not limited to, different geographical areas throughout the state, large and small agencies, agricultural and urban agencies, agencies created under the various enabling statutes, etc. Further, there shall be at least one representative from each region on the committee.

**Section 11. Local Government Committee.** There shall be a Local Government Committee whose duty it shall be to recommend policies to the State Legislative Committee, as appropriate, and Board of

Directors on matters affecting water agencies as a segment of local government in California. The committee shall consist of at least one and no more than three individuals from each region.

**Section 12. Membership Committee.** There shall be a Membership Committee whose duty it shall be to assist staff in developing membership recruitment and retention programs, make recommendations to the Board of Directors regarding membership policies, eligibility, and applications for membership and review and make recommendations to the Finance Committee regarding an equitable dues structure. The committee shall consist of at least one member from each region.

**Section 13. State Legislative Committee.** There shall be a State Legislative Committee whose duty it shall be to review all state legislative proposals affecting members of the Association and to establish Association positions, consistent with existing policy, where it has been established; sponsor bills that will resolve problems or improve conditions for members of the Association; and assist in the establishment of the Association's legislative program. The committee shall consist of individuals representing a variety of types of members and at least one and no more than four individuals from each region.

**Section 14. Water Management Committee.** There shall be a Water Management Committee whose duty it shall be to recommend policy and programs to the Board of Directors on any area of concern in water management. The committee shall consist of at least one and no more than four individuals from each region.

**Section 15. Water Quality Committee.** There shall be a Water Quality Committee whose duty it shall be to develop and recommend Association policy, positions, and programs to the Board of Directors, to promote cost-effective state and federal water quality regulations that protect the public health, to enable interested members of the Association to join together to develop and coordinate with other organizations, and to present unified comments regarding agricultural and domestic water quality regulations. The committee shall consist of at least one individual from each region.

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Amended comprehensively December 1, 2010

Amended May 9, 2012

## ASSOCIATION OF CALIFORNIA WATER AGENCIES GENERAL SESSION MEMBERSHIP MEETING

WEDNESDAY, MAY 7, 2014

**TO:** Donna Pangborn, Executive Assistant/Clerk of the Board

**EMAIL:** donnap@acwa.com

**FAX:** 916-325-4856

The person designated below will be attending the ACWA General Session Membership Meeting on **Wednesday, May 7, 2014**, as our voting delegate.

|                                                                          |                          |
|--------------------------------------------------------------------------|--------------------------|
|                                                                          |                          |
| MEMBER AGENCY'S NAME                                                     | AGENCY'S TELEPHONE No.   |
|                                                                          |                          |
| MEMBER AGENCY'S AUTHORIZING REPRESENTATIVE                               | SIGNATURE                |
|                                                                          |                          |
| DELEGATE'S NAME                                                          | SIGNATURE                |
|                                                                          |                          |
| DELEGATE'S EMAIL                                                         | DELEGATE'S TELEPHONE No. |
|                                                                          |                          |
| DELEGATE'S AFFILIATION (if different from assigning agency) <sup>1</sup> | DATE                     |
|                                                                          |                          |

<sup>1</sup> If your agency designates a delegate from another entity to serve as its authorized voting representative, please indicate the delegate's entity in the appropriate space above. Note: Delegates need to sign the proxy form indicating they have accepted the responsibility of carrying the proxy.

**REMINDER:** Proxy cards will be available for pick up on **Wednesday, May 7, 2014**, between **9:00 a.m.** and **12:30 p.m.** at the **General Session Proxy Desk** in the **De Anza Foyer** area of the **Portola Plaza Hotel**, outside of the **De Anza Ballroom** where the luncheon and General Session Membership Meeting will be held.



ALAMEDA COUNTY FLOOD CONTROL AND WATER CONSERVATION DISTRICT, ZONE 7

100 NORTH CANYONS PARKWAY • LIVERMORE, CA 94551 • PHONE (925) 454-5000 • FAX (925) 454-5727

**ORIGINATING SECTION: ADMINISTRATIVE SERVICES**  
**CONTACT: TOM PICO**

**AGENDA DATE:** April 16, 2014

**ITEM NO. 6**

**SUBJECT:** February Employee of the Month Recognition

**SUMMARY:**

The Employee Recognition Program Nomination Committee met in March and selected the Employee of the Month for February 2014 according to the established Program Guidelines. The individual chosen out of the submitted nominations is then recommended to Management for approval and there is a subsequent announcement of the selection to all Agency employees.

Dave Zachry, Instrument Technician II, has been chosen from among those nominated as the February 2014 Employee of the Month. Dave works in the Maintenance section at the Del Valle Water Treatment Plant.

Dave was nominated for the knowledge and expertise he brings to the Agency in working with our SCADA (supervisory control and data acquisition) system. Dave's familiarity with Zone 7's system comes from his work installing the current SCADA system through his previous employer, Wunderlich-Malic, prior to joining Zone 7 in October 2009. Dave's knowledge of the Agency's monitoring equipment benefits the organization in several respects. As pointed out in his nomination, Dave is quite knowledgeable about the Agency's Wonderware operating system.

Dave was also nominated for his willingness to put in extra effort and hours on the job. Dave always works toward providing Operations staff with working equipment or a back up so staff will not have to operate without system overview. On several occasions, Dave has been called after hours to provide service and has always provided that service with a smile. Finally, Dave is always willing to answer questions and assure that not only are problems fixed or repaired, but that Operations staff knows the current status of repair work. Dave provides a valuable resource as he continually works in concert with Operations staff and provides high-quality service to the Agency.

The committee seconded the recommendation and recognized Dave Zachry as a valuable employee and asset to Zone 7, with management approving the selection.

**RECOMMENDED ACTION:**

It is recommended that the Zone 7 Board of Directors recognize and congratulate Dave Zachry as February 2014 Employee of the Month.



## ALAMEDA COUNTY FLOOD CONTROL AND WATER CONSERVATION DISTRICT, ZONE 7

100 NORTH CANYONS PARKWAY • LIVERMORE, CA 94551 • PHONE (925) 454-5000 • FAX (925) 454-5727

**REVISED**

**ORIGINATING SECTION:** Integrated Planning

**CONTACT:** Brad Ledesma/Amparo Flores/Carol Mahoney

**AGENDA DATE:** April 16, 2014

**ITEM NO. 7**

**SUBJECT:** 2014 Annual Review of Sustainable Water Supply for Zone 7 Water Agency

**SUMMARY:**

- Due to unprecedented and extreme drought conditions in 2013 and 2014, Zone 7 received a 0% allocation from the SWP, lost access to a majority of key drought supplies stored in Kern County, and will not likely receive water supply from the Yuba Accord, its BBID contract, or its water right permit on Arroyo del Valle. Long-term average water supply remains unchanged at 55,050 AF.
- Although Zone 7 has 197,600 AF of water supply in storage, only 38,800 AF is available for 2014, including SWP Carryover, groundwater, and a small amount of non-local storage.
- Projected treated and untreated water demands for 2014 (50,300 AF) are 2.6% higher than actual 2013 deliveries (49,092 AF), and water demands are projected to increase by 6% percent between 2014 and 2018. This anticipated loss of SWP calls for a Stage 2 Action under Zone 7's 2010 UWMP.
- Zone 7 can only deliver 77% of expected water demands in 2014, and even assuming drought conditions are less severe next year, may only be able to deliver 75% of expected 2015 water demands.
- Zone 7 is implementing approved drought emergency projects (Lake I recharge and two new groundwater wells), negotiating at the State level for additional non-local storage, and pursuing water transfers to wheel through existing interties.
- The Board of Directors will be considering a resolution directing the retailers to reduce demands under the Agenda Item entitled "Declaring May as Water Awareness Month."

**FUNDING:**

A 25% total reduction in water use will decrease water sales revenue. A financial impact analysis for the current drought emergency is currently underway.

**RECOMMENDED ACTION:**

Discuss and provide direction.

**ATTACHMENTS:**

1. Memorandum providing additional background and discussion of the agenda item

## INTEROFFICE MEMORANDUM

**DATE:** April 11, 2014  
**TO:** Jill Duerig, General Manager  
**FROM:** Brad Ledesma, Associate Engineer  
Amparo Flores, Associate Engineer  
**SUBJECT:** Annual Review of Sustainable Water Supply for Zone 7 Water Agency

On October 17, 2012, Zone 7 Water Agency (Zone 7) adopted the Water Supply Reliability Policy (Resolution 13-4230).<sup>1</sup> Resolution 13-4230 requires that Zone 7 staff complete an annual review of sustainable water supplies (Annual Review); the purpose of this memorandum is to comply with this requirement.

The 2014 annual review covers the following:

- 2014 Drought and Key Planning Assumptions
- Projected Water Demands: Next Five Years
- Available Water Supplies to Zone 7 at the Beginning of 2014
- Comparison of Supply and Demand: Next Five Years
- Programs Necessary to Meet Water Demands

### SUMMARY OF FINDINGS

Due to unprecedented and extreme drought conditions in 2013 and 2014, Zone 7 received a 0% allocation from the State Water Project (SWP), and the only water supplies available to Zone 7 (~38,800 AF) include SWP Carryover, groundwater, and a small amount of non-local storage.

A comparison of water supply and demand indicates that Zone 7 can meet 77% of expected water demands in 2014, and if drought conditions persist into next year, then Zone 7 may only be able to deliver 75% of expected 2015 water demands. In order to conserve water supplies in preparation for drought conditions in 2015, Zone 7 will be considering a resolution directing the retailers and untreated customers to assure 25% total reduction for 2014 under the Agenda Item entitled "Declaring May as Water Awareness Month."

Zone 7 is implementing approved drought emergency projects (Lake I recharge and two new groundwater wells). Moreover, Zone 7 staff is negotiating at the State level for additional delivery of Zone 7 drought supplies stored in Kern County, and pursuing water transfers that can be wheeled through existing interties.

Zone 7 will also continue to monitor local and statewide conditions, adjust operations as necessary to optimize use of available resources, remain prepared for a second year of drought, and continue to meet with local water supply retailers and untreated customers.

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<sup>1</sup> A copy of Resolution 13-4230 is provided as Attachment A.

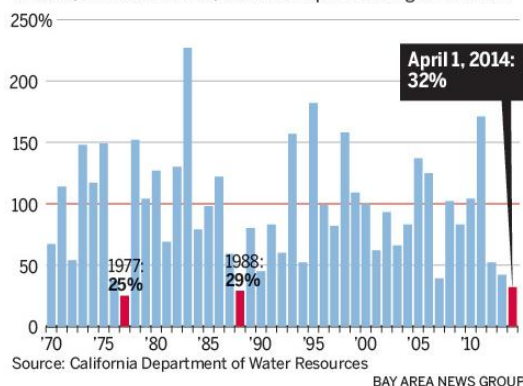
## 2014 DROUGHT EMERGENCY AND KEY PLANNING ASSUMPTIONS

Due to record dry conditions in 2013 and an extremely dry January in 2014, Zone 7 received word from DWR that there may be no allocation from the SWP. No allocation from the SWP limits water supply exchange opportunities, which could prevent delivery of Zone 7's drought supplies stored in Kern County. Furthermore, due to potential degraded water quality in the Delta during the summer, there was discussion of stopping all pumping for the SWP. These dire conditions would have cut off all imported water supplies, leaving Zone 7 with limited supplies in Lake Del Valle and previously recharged surface water in the local groundwater basin.

Consequently, on January 29, 2014, at a Special Meeting of the Zone 7 Board, a Drought Emergency was declared and a Drought Emergency Response Plan was accepted for the Livermore-Amador Valley. The General Manager was also authorized and directed to establish an appropriate level of conservation. The initial conservation level was subsequently set at 20%, consistent with Governor Brown's earlier statewide emergency drought declaration.

### Updated Water Supply Impacts to Zone 7

Despite recent storms, the Sierra Nevada snowpack, a key source of water, is 32% of normal, the lowest April 1 reading since 1988.



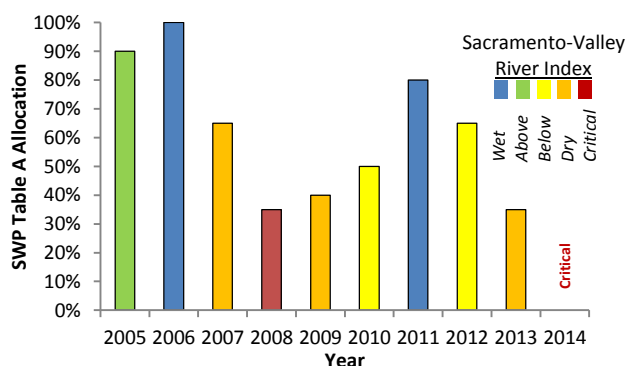
Since the January 29 Board meeting, DWR has committed to delivering Zone 7's carryover, has filled Lake Del Valle, and in late March, notified Zone 7 that 1,500 AF of SWP deliveries would be counted as delivery of Semitropic pump back. However, water quality in the Delta remains a concern, and continues to cast uncertainty on access to any additional water supplies (e.g., BBID or additional Semitropic water).

Hydrologic conditions continue to evolve, and have improved since the January 2014 outlook. Zone 7 will continue to monitor local and state-wide conditions and adjust operations as necessary to optimize use of available resources and remain prepared for a second year of drought. For the latest data on precipitation, snowpack, and reservoir levels, see Attachment A.

### Assumptions for the Annual Sustainability Report

As a precaution, Governor Brown has directed DWR to prepare for two years of severe drought conditions. Therefore, this report conservatively assumes critically dry 1977 conditions in 2015. Given that 2007 through 2014 were below normal, dry, or critically dry, with the exception of a wet 2011, the years 2016, 2017, 2018 were assumed to be normal years. This scenario conservatively assumes a nine-year drought (2007-2015), which includes two consecutive critically dry years (2014 and 2015), followed by

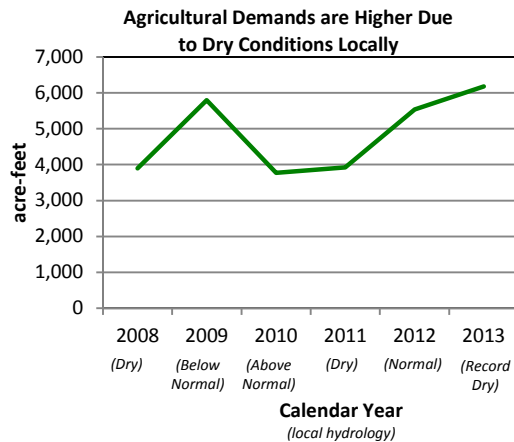
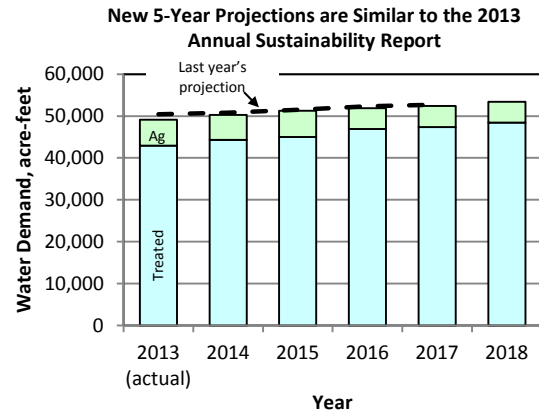
DWR reduced the SWP Allocation to 0% on January 31, 2014, and runoff in 7 of the last 10 years have been below normal or worse



a return to normal conditions.

## PROJECTED WATER DEMANDS: NEXT FIVE YEARS

Every year Zone 7 develops baseline water demands for all of its customers for the next five years (assuming no conservation)—Table 1 summarizes these projections from 2014 to 2018, and presents 2013 actual water production for comparative purposes. As shown in Table 1, 2014 projections are about 2.6% higher than actual 2013 demands, and water demands are projected to increase by 6% percent between 2014 and 2018.



Zone 7's untreated water demands (i.e., agricultural and other irrigation needs) range from 4,000 to 6,000 AF depending on hydrologic conditions; agricultural water needs are higher during dry conditions. As shown in Table 1, untreated water demands are currently over 6,000 AF – this is likely due to dry hydrologic conditions since no substantial amounts of new acreage have been put into production. As discussed previously, the analysis assumes that hydrologic conditions would be normal from 2016 to 2018, and therefore, untreated water demands decrease to 5,000 AF.

**Table 1. 5-Year Water Demand Projections are Similar to Last Year's Report, acre-feet<sup>(a)</sup>**

| Component                          | 2013<br>(actual) | 2014   | 2015   | 2016   | 2017   | 2018   |
|------------------------------------|------------------|--------|--------|--------|--------|--------|
| M&I <sup>(b,c,d)</sup>             | 42,918           | 44,300 | 45,000 | 46,900 | 47,400 | 48,400 |
| Untreated <sup>(e)</sup>           | 6,174            | 6,000  | 6,300  | 5,000  | 5,000  | 5,000  |
| Total                              | 49,092           | 50,300 | 51,300 | 51,900 | 52,400 | 53,400 |
| 2013 Annual Report                 |                  | 50,800 | 51,500 | 52,300 | 52,700 | --     |
| % Decrease from 2013 Annual Report |                  | 1%     | 0.4%   | 0.7%   | 0.6%   | --     |

<sup>(a)</sup> Demands were rounded to the nearest 100 acre-feet.

<sup>(b)</sup> M&I = Municipal and Industrial.

<sup>(c)</sup> Demands include California Water Service Company, Dublin San Ramon Services District, City of Livermore, City of Pleasanton, Zone 7's direct retail customers, and Zone 7's unaccounted-for water.

<sup>(d)</sup> Demands include unaccounted-for water and groundwater-pumping quota for Dublin San Ramon Services District.

<sup>(e)</sup> Zone 7's untreated water demand is primarily for irrigation.

## AVAILABLE WATER SUPPLIES TO ZONE 7 AT THE BEGINNING OF 2014

The purpose of this section is to review the water supplies, including contracted supply and storage, available to Zone 7 at the beginning of 2014.

### Projected Yield from Contracted Water Supplies in 2014

Each year Zone 7 receives water from its contracts with the DWR for importing SWP water, its water right permit for diversions from Arroyo del Valle, its contract with BBID, and its contract with DWR for Yuba Accord Water.

**Zone 7 is expecting no water supply from existing contracts in 2014**

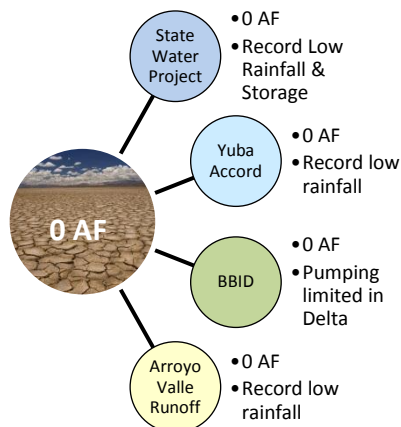


Table 2 presents the projected yield in 2014 based on DWR estimates through March 2014 and local rainfall, an estimate for 2015 assuming 1977 hydrologic conditions, and then a comparison to the long-term average yield.

As shown in Table 2, Zone 7 does not expect any water from its current contracts in 2014 due to extreme drought conditions.<sup>2</sup> However, assuming overall conditions are less severe in 2015 (i.e., 1977 conditions), Zone 7 may receive 9,100 AF in 2015. The long-term average is unchanged.

**Table 2. Projected Yield in 2014 from Existing Contracted Water Supplies, acre-feet**

| Source <sup>(a)</sup>             | Available in 2014, acre-feet | Assumed Supply in 2015, acre-feet | Long-term Average (2016 to 2018) |            |
|-----------------------------------|------------------------------|-----------------------------------|----------------------------------|------------|
|                                   |                              |                                   | Yield                            | % of Total |
| State Water Project               | 0 <sup>(b)</sup>             | 8,100 <sup>(b)</sup>              | 48,400 <sup>(c)</sup>            | 83.5 %     |
| Arroyo del Valle Runoff           | 0                            | 500                               | 7,300                            | 12.6 %     |
| BBID                              | 0                            | 1,000                             | 2,000                            | 3.5 %      |
| Yuba Accord (via DWR)             | 0                            | 0                                 | 250                              | 0.4 %      |
| Subtotal                          | 0                            | 9,600                             | 57,950                           | 100.0 %    |
| Operational Losses <sup>(d)</sup> | 0                            | (500)                             | (2,900)                          | 5.0%       |
| Total                             | 0                            | 9,100                             | 55,050                           | 95.0%      |
| Yield from 2013 Annual Report     | 31,000                       | 55,050                            | 55,050                           |            |
| % Decrease                        | 100%                         | 84%                               | 0%                               |            |

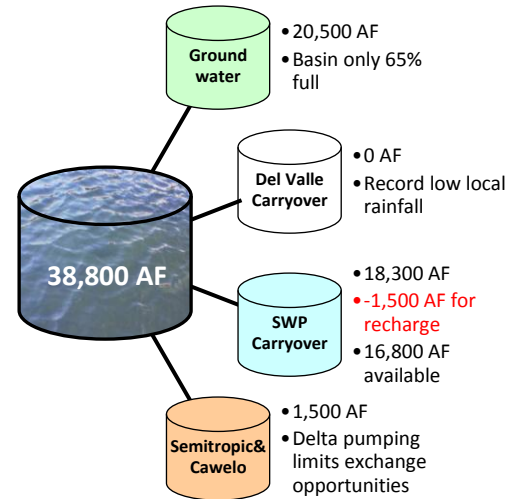
<sup>2</sup> As of April 11, local rainfall is still below total rainfall for Water Year 1977 conditions.

- (a) The 2010 Urban Water Management Plan provides additional detail on each contract; see <http://www.zone7water.com/publications-reports/reports-planning-documents>.
- (b) 2014 yield is based on 0% (current 2014 allocation) of Zone 7's Table A amount of 80,619 AF.
- (c) Long-term average yield is based on about 60% of Zone 7's Table A amount of 80,619 AF, as presented in DWR's 2013 Reliability Report.
- (d) Operational losses include the losses associated with artificial recharge in the groundwater basin, brine losses, evaporative losses, and putting water into either Semitropic and/or Cawelo. Quantity is based on the Annual Operations Plan for 2014, updated in April 2013.

### Available Storage at the Beginning of 2014

Zone 7 currently stores water in various storage facilities, including groundwater-banking programs, to help meet water demands when needed. Table 3 summarizes the total accumulated water in storage available to Zone 7 over the next five years, the estimated water in storage available in 2014, and estimated annual water supply from storage between 2015 and 2018. As shown in Table 3, Zone 7 has about 15% less accumulated storage and 45% less storage available for use in 2014 than in 2013. If drought conditions persist into 2015, then Zone 7 expects 20% less storage than was projected in 2013.

### All of Zone 7's 2014 Water Supply is from Storage



**Table 3. Available Storage in 2014, acre-feet**

| Storage Facility or Program                      | Total Accumulated Water in Storage <sup>(a)</sup> | Estimated Water Supply in Storage Available for Use in 2014 | Estimated Water Supply in Storage Available for Use in 2015 | Estimated Annual Water in Storage Available for Use between 2016 and 2018 |
|--------------------------------------------------|---------------------------------------------------|-------------------------------------------------------------|-------------------------------------------------------------|---------------------------------------------------------------------------|
| Main Groundwater Basin                           | 82,000                                            | 20,500 <sup>(b)</sup>                                       | 10,400 <sup>(b)</sup>                                       | 5,000 <sup>(c)</sup>                                                      |
| Lake Del Valle Carryover                         | 0                                                 | 0                                                           | 0 <sup>(e)</sup>                                            | 0 <sup>(e)</sup>                                                          |
| State Water Project Carryover                    | 18,300                                            | 16,800 <sup>(d)</sup>                                       |                                                             |                                                                           |
| Semitropic                                       | 81,950                                            | 1,500 <sup>(f)</sup>                                        | 9,100 <sup>(g)</sup>                                        | 9,100 <sup>(g)</sup>                                                      |
| Cawelo                                           | 25,150                                            | 0 <sup>(f)</sup>                                            | 10,000 <sup>(h)</sup>                                       | 5,000 <sup>(h)</sup>                                                      |
| <b>Total</b>                                     | <b>197,600</b>                                    | <b>38,800</b>                                               | <b>29,500</b>                                               | <b>24,100</b>                                                             |
| <i>Available Storage from 2013 Annual Report</i> | <i>232,000</i>                                    | <i>70,600</i>                                               | <i>36,900</i>                                               | <i>36,900</i>                                                             |
| <i>% Decrease from 2013 Annual Report</i>        | <i>15%</i>                                        | <i>45%</i>                                                  | <i>20%</i>                                                  | <i>35%</i>                                                                |

(a) Accumulated storage estimate is through April 11, 2014.

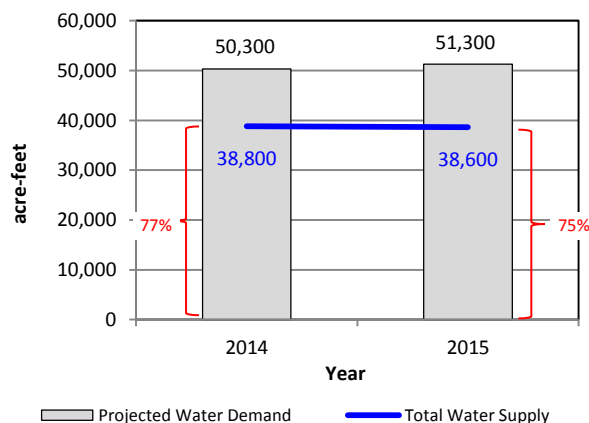
(b) As the amount of water stored decreases in the main basin, the amount of groundwater available in any given year also decreases due to well locations, physical/hydrogeological conditions, and defined historic lows. For 2014, Zone 7 staff estimates that approximately 20,500 acre-feet would be available based on fall water levels recorded in October 2013.

- (c) A conservatively small pumping amount of 10,400 acre-feet was used in 2015 since pumping was assumed so high in 2014; minimal pumping from 2016 to 2018 was assumed to plan for recovery of the groundwater basin.
- (d) Zone 7's total carry over was 18,300 AF, but 1,500 AF was recharged into the groundwater basin, leaving 16,800 AF.
- (e) Zone 7 does not expect to have significant carryover into 2015 since there will be no surplus water supply in 2014. Additionally, the analysis also conservatively assumed that there would be no carryover between 2016 and 2018.
- (f) Water supply exchanges between State Water Contractors are required for Zone 7 to receive any water from either Semitropic or Cawelo; however, due to SWP facility constraints and water quality in the Delta, DWR and KCWA have indicated that there are limited opportunities for water supply exchanges. Kern County Water Agency has confirmed, however, that it was able to deliver 1,500 AF of pump back to Zone 7 in February 2014.
- (g) Zone 7 can pump back up to 9,100 acre-feet from Semitropic, and depending on the SWP allocation, also request exchange water. This analysis assumed that Zone 7 can only request up to 9,100 acre-feet between 2015 and 2018.
- (h) For this analysis, it was assumed that Zone 7 would be able to access 10,000 acre-feet in 2015, and that the remainder (15,150 acre-feet) could be used in equal amounts between 2016 and 2018, or about 5,000 acre-feet per year.

## COMPARISON OF SUPPLY AND DEMAND: NEXT FIVE YEARS

Table 4 compares available water supplies to projected baseline water demands over the next five years. For comparative purposes in this memorandum, long-term average supplies and water supply in storage available for use over the next five years were used to compare with projected water demands between 2016 and 2018. As shown in Table 4, Zone 7 can only deliver enough water supply to meet 77% and 75% of projected water needs in 2014 and 2015, respectively, due to extreme drought conditions and if drought conditions persist into next year. Table 4 also shows that Zone 7 can meet 100% of water deliveries if normal hydrologic conditions return in 2016.

**Zone 7 can only deliver 77% of expected demands in 2014, and if drought conditions persist, only 75% in 2015**



**Table 4. Comparison of Supply and Demand: Next Five Years**

| Component                                 | 2014   | 2015   | 2016   | 2017   | 2018   |
|-------------------------------------------|--------|--------|--------|--------|--------|
| Water Supply                              | 0      | 9,100  | 55,050 | 55,050 | 55,050 |
| Water Supply in Storage Available for Use | 38,800 | 29,500 | 24,100 | 24,100 | 24,100 |
| Total Water Supply                        | 38,800 | 38,600 | 79,150 | 79,150 | 79,150 |
| Water Demand <sup>(a)</sup>               | 50,300 | 51,300 | 50,500 | 51,100 | 52,000 |
| % of Demand To Be Delivered               | 77%    | 75%    | 100%   | 100%   | 100%   |

<sup>(a)</sup> Includes both M&I and Untreated water demands.

## PROGRAMS NECESSARY TO MEET WATER DEMANDS

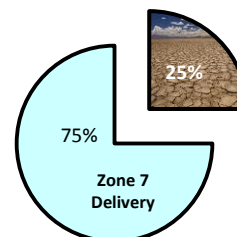
The review completed as part of this memorandum indicates that Zone 7 cannot meet 100% of estimated 2014 baseline water demands, and if drought conditions persist, may not be able to

meet 100% of estimated 2015 baseline water demands either. The purpose of this section is to outline the demand reduction programs necessary to meet the water demands over the next two years. Stage 2 Actions include water conservation and new drought emergency projects.

### **Short-Term Water Conservation Need: 25% Relative to 2013 Water Demands**

Zone 7 has sufficient water supply to meet 77% of expected water demands in 2014, or about 79% of last year's water use. Additionally, if drought conditions persist into next year, then Zone 7 may only be able to deliver 75% of expected 2015 water demands. In order to conserve water supplies in preparation for drought conditions in 2015, Zone 7 needs the retailers and untreated customers to assure a 25% total reduction for 2014.

Zone 7 needs its customers to assure a 25% reduction from 2013 water use to conserve water supplies for potential drought conditions in 2015



Zone 7 staff will continue to support and help the local water supply retailers and untreated customers to implement necessary water conservation programs (e.g., limits on outdoor irrigation with potable water) that will assure a total reduction in 2014 of 25%. These programs may continue into 2015 depending on whether the drought persists into next year.

### **Emergency Drought Projects**

On January 29, 2014, the Zone 7 Board of Directors approved three emergency drought projects that will help optimize management of groundwater supplies necessary to meet water demands over the next two years.

#### Lake I to Cope Lake Pipeline Project

Historically, gravel-mining companies (e.g., Vulcan) actively pumped and then discharged groundwater supplies into the local arroyos under an approved National Pollution Discharge Elimination System permit to access valuable gravel located below the water table. These discharges reduced groundwater supply available to Zone 7 and the Tri-Valley during droughts, like the current drought emergency.



Zone 7 is firming up groundwater supplies for this summer by constructing a pipeline that will recharge mining discharges back into the groundwater basin.

Consequently, in November 2013, Zone 7, in partnership with Vulcan, constructed a pipeline that would allow Zone 7 to preserve groundwater supplies by capturing these discharges in Cope Lake; however, the clay-like bottom of Cope Lake prevents percolation (i.e., recharge) of captured groundwater discharges.

This new project will construct a pipeline that will allow Zone 7 to transfer captured groundwater discharges into Lake I, which does have the ability to percolate mining discharges back into the groundwater basin.

Zone 7 will have this project completed in May 2014; thereby, optimizing the management of

groundwater supply through the summer of 2014.

#### Chain of Lakes Well No. 5 and Busch Valley Well No. 1

As part of its two-year drought-planning horizon, Zone 7 is expediting the completion of two wells in key areas identified in the 2003 Well Master Plan to help increase well production capacity. Both wells will not only add to the overall reliability of the system (i.e., maintain production capacity in case of unexpected mechanical failure), but also allow access to additional emergency groundwater supply.

The Chain of Lakes Well No. 5 will be located near the northwest corner of Lake H, and is expected to be in production by August of this year. The Busch Valley Well No. 1 will be located near the intersection of Stanley Boulevard and Valley Avenue, and is expected to be in production by February of 2015.



**Zone 7 is expediting two new wells to firm up production capacity and increase access to emergency drought supplies**

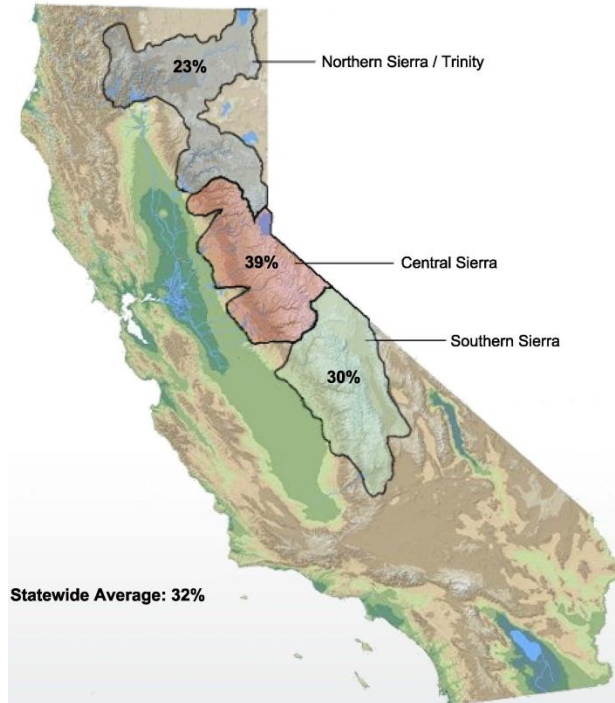
#### **Other Efforts in Support of the Drought Emergency**

In addition to the emergency projects approved by the Board of Directors on January 29, 2014, Zone 7 continues to pursue several other projects to help alleviate the impacts of the drought. These other projects include negotiating at the State level for a portion of Zone 7's water previously stored in Kern County, securing water transfers to potentially wheel through existing emergency interties, and continuing to support recycled water projects that reduce existing potable water demands.

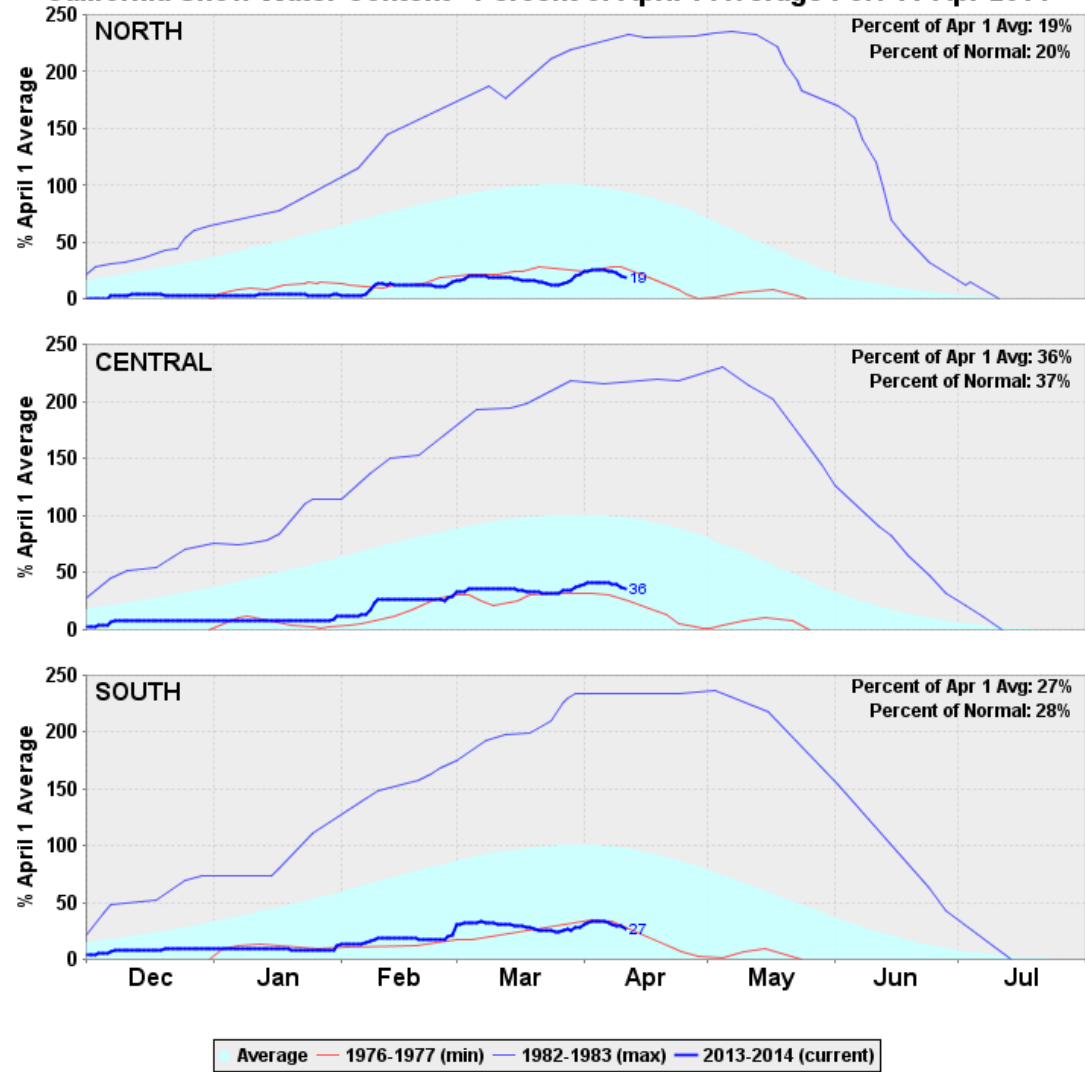
Zone 7 will also continue to monitor local and statewide conditions, adjust operations as necessary to optimize use of available resources, remain prepared for a second year of drought, and continue to regularly meet with its local water supply retailers and untreated water customers.

**ATTACHMENT A: LATEST HYDROLOGIC CONDITIONS**

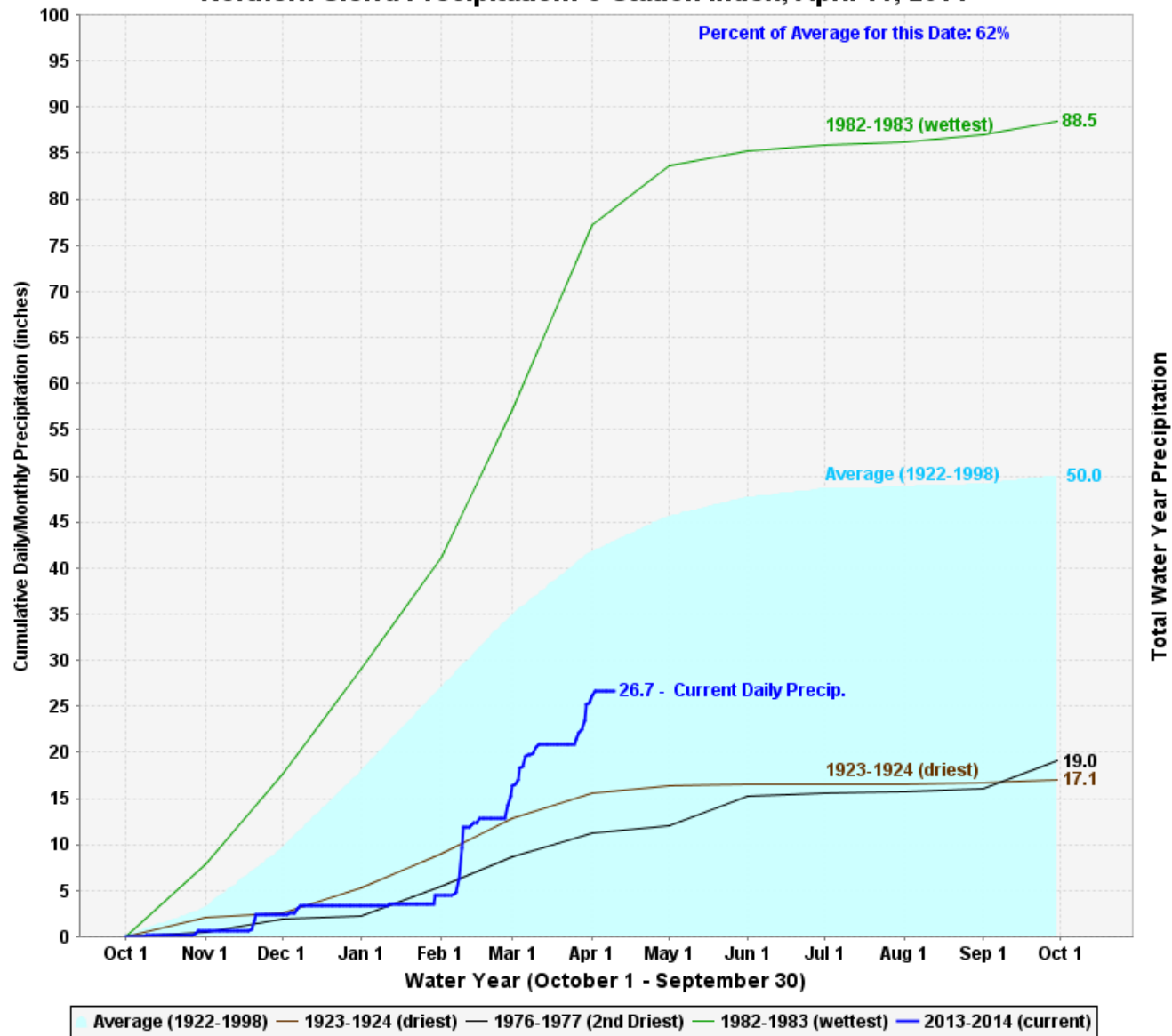
## California Snow Water Content



**California Snow Water Content - Percent of April 1 Average For: 11-Apr-2014**



# Northern Sierra Precipitation: 8-Station Index, April 11, 2014



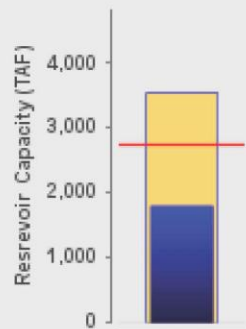


# Reservoir Conditions - Lake Oroville



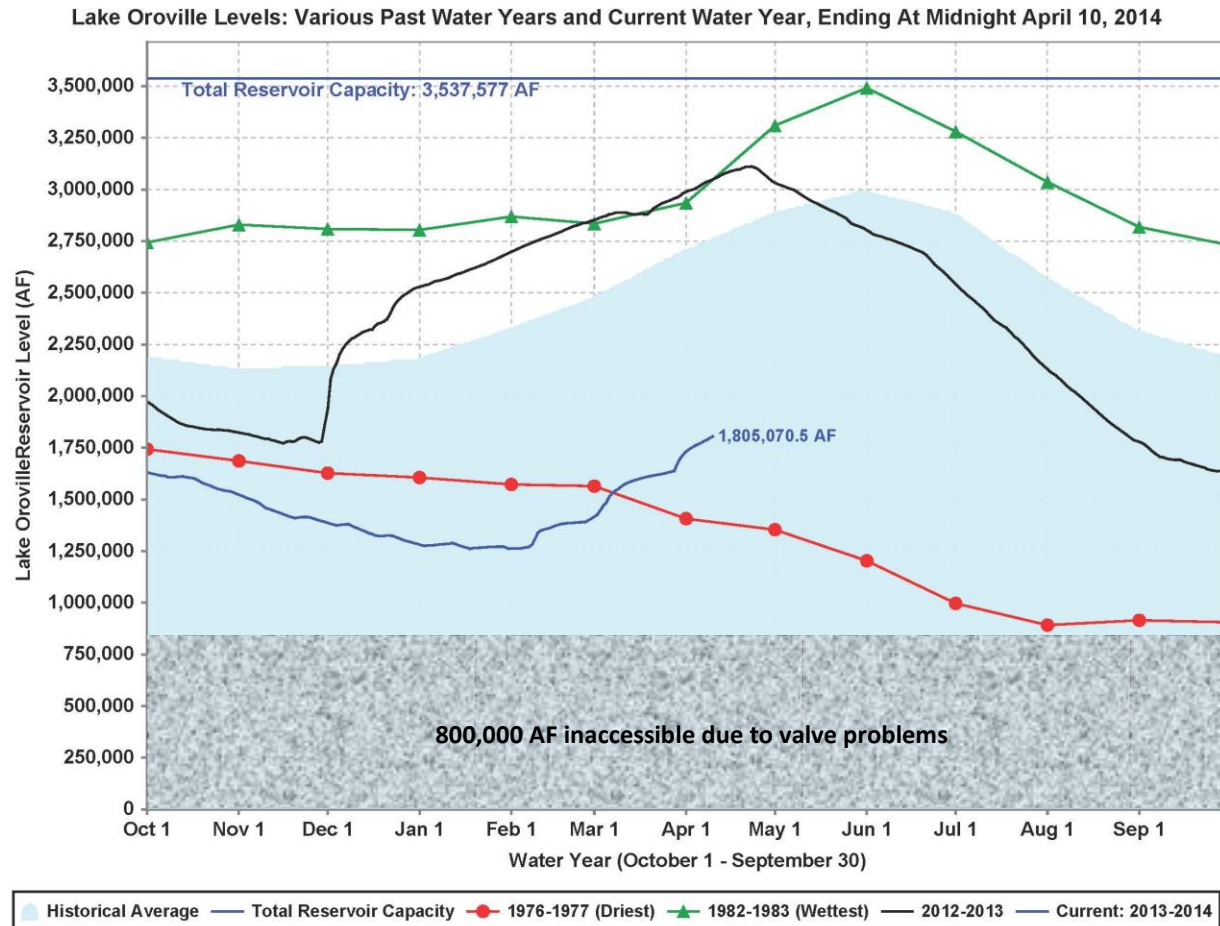
## Lake Oroville Conditions

(as of Midnight - April 10, 2014)



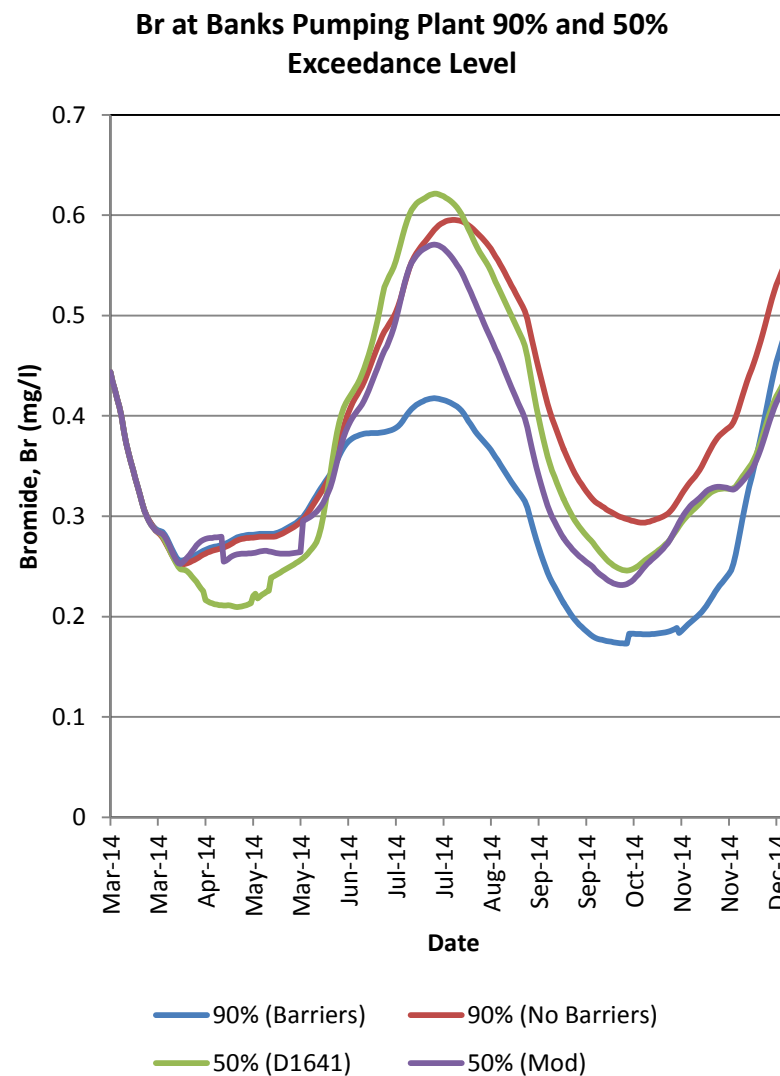
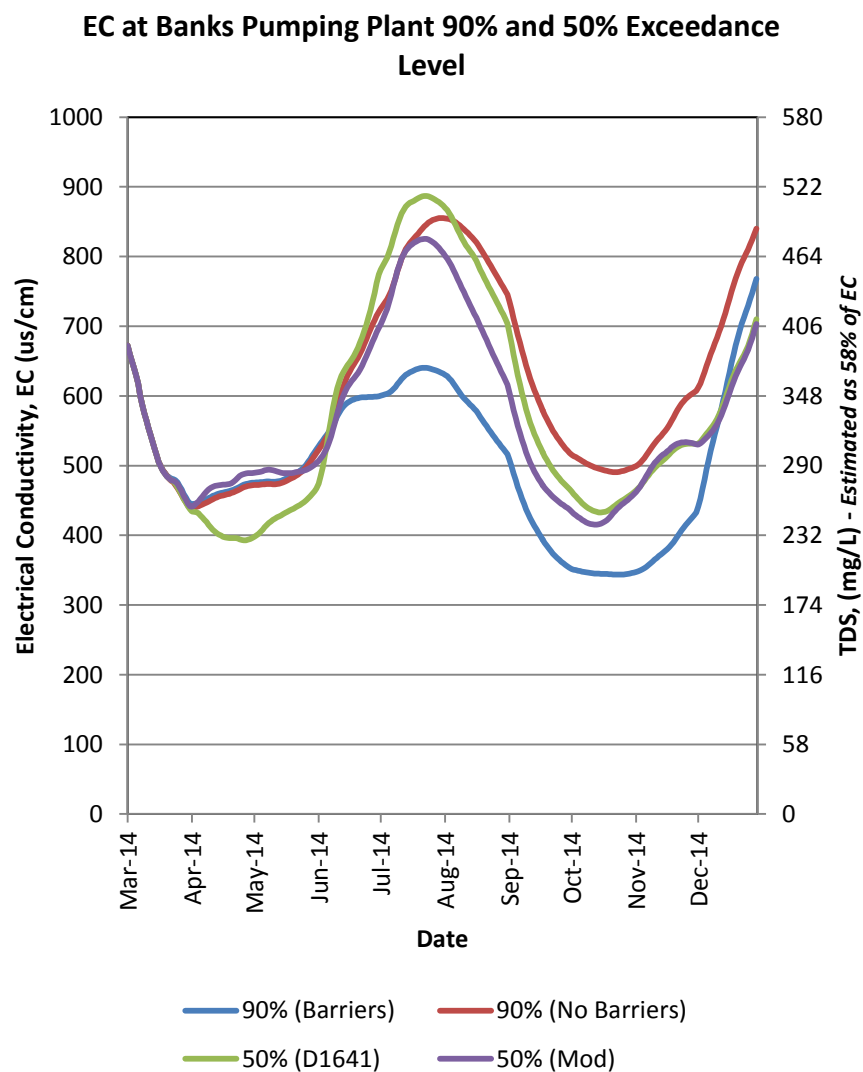
Current Level: 1,805,070.5 AF

51% (Total Capacity) | 65% (Historical Avg.)

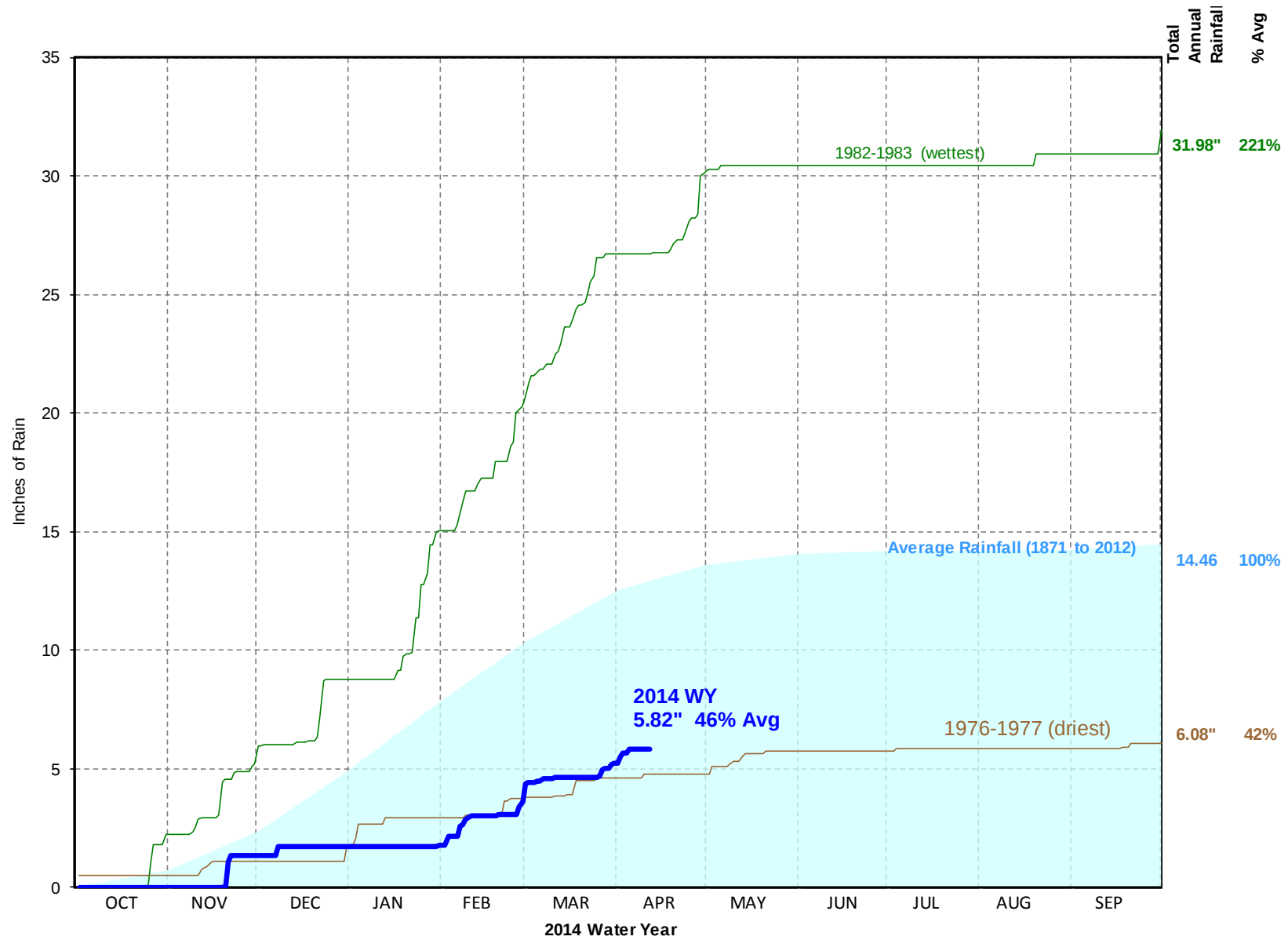


Data Updated 04/11/2014 09:15 AM

## Projected Water Quality in the Delta: March to December 2014 (source: March 2014 Barrier Allocation Study)



## Local Rainfall (Livermore Station 15e)



## **ATTACHMENT B: WATER SUPPLY RELIABILITY POLICY**

**[RESOLUTION DELETED – SEE “MAY AS WATER AWARENESS MONTH”]**



ALAMEDA COUNTY FLOOD CONTROL AND WATER CONSERVATION DISTRICT, ZONE 7

100 NORTH CANYONS PARKWAY • LIVERMORE, CA 94551 • PHONE (925) 454-5000 • FAX (925) 454-5727

**ORIGINATING SECTION:** Integrated Planning

**CONTACT:** Robyn Navarra/Carol Mahoney

**AGENDA DATE:** April 16, 2014

**ITEM NO.** 8

**SUBJECT:** Declaring May as Water Awareness Month

**SUMMARY:**

- Water Awareness month has traditionally provided an opportunity to heighten public awareness about conservation, supply, quality and distribution of water.
- With the Drought Emergency and the need to reduce demands a key part of this year's Sustainability Report (later in this evening's agenda), water awareness and providing conservation direction to the retailers is a critical Stage 2 Action, pursuant to Zone 7's 2010 Urban Water Management Plan (UWMP).
- Zone 7 is a member of "Save Our Water," a statewide program aimed at helping Californians to reduce their everyday indoor and outdoor water use. Save Our Water is a partnership between the Association of California Water Agencies (ACWA) and the California Department of Water Resources (DWR). With the establishment of the Drought Portal, this year's program focus is on drought emergency response.
- Zone 7 has developed some simple guidelines to achieve the necessary conservation, with a focus on significantly reducing outdoor water use this summer.
- The Water Awareness Campaign kick-off occurs in May every year with a proclamation from the Governor and the observance of Water Awareness Month. It is unclear what the State plans to do to fold in the Governor's previous statewide proclamation of a drought emergency. However, Zone 7 recognizes the particular importance of Water Awareness Month this year and recommends not only the more routine annual board resolution and various activities that recognize the vital role water plays in our lives but a more aggressive approach to achieve the required demand reductions.
- Staff recommends that the Board adopt the attached resolution, declaring the month of May 2014 as Water Awareness Month.

**FUNDING:**

Not applicable.

**RECOMMENDED ACTION:**

Adopt attached resolution declaring May as Water Awareness Month and directing staff to implement the Stage 2 Action Plan outlined in the attached memo.

**ATTACHMENTS:**

Memo providing additional background and discussion on agenda item  
Resolution

## Interoffice Memo

Date: April 16, 2014  
To: Jill Duerig, General Manager  
From: Robyn Navarra, Water Conservation Coordinator  
Subject: Declaring May as Water Awareness Month

### BACKGROUND:

May has historically been designated as Water Awareness Month to highlight the importance of California's water resources to the human health, economic vitality and environmental quality of our state. Water conservation is especially important in this drought emergency, with California's fluctuating water conditions and increasing water supply needs statewide. In years past, Zone 7 sponsored the California Water Awareness Campaign's mission to increase public awareness about the need for all Californians to use water wisely.

In 2013, the campaign dissolved and the California Department of Water Resources (DWR) and the Association of California Water Agencies (ACWA) developed the "Save Our Water Program," which is regarded as the leader to continue to promote water efficiency practices for both indoor and outdoor conservation. The program provides ideas for creating beautiful landscapes, tools for calculating water use, and fun ways for kids to save. Zone 7 is a program partner, along with various local water agencies and other community-based organizations throughout the state. This year, the Program has a focus on demand reduction for the drought. More information can be found on the Program's "Drought Portal," at <http://www.saveourh2o.org/content/Drought2014WhatYouNeedtoKnow>.

In addition, Article 10 of the California State Constitution states:

*It is hereby declared that because of the conditions prevailing in this State the general welfare requires that the water resources of the State be put to beneficial use to the fullest extent of which they are capable, and that the waste or unreasonable use or unreasonable method of use of water be prevented, and that the conservation of such waters is to be exercised with a view to the reasonable and beneficial use thereof in the interest of the people and for the public welfare.*

In most cases, use of potable (tap or drinking) water for outdoor irrigation when recycled water providers are willing and able to provide recycled water for that purpose is considered a waste of water under the California State Constitution.

### DISCUSSION:

For this year, the April Sustainability Report (to be discussed later in this agenda) will clarify that Stage 2 Actions (under Zone 7's 2010 Urban Water Management Plan) are required and proceed to set demand reduction measures required for use of potable water this year. Zone 7's initial focus will be on assuring implementation of the Stage 2 Action Plan and the Zone 7 website will be adjusted to reflect these directions.

The Stage 2 Action Plan consists of:

- Reduce indoor water use by 5%
  - Water service in restaurants to be provided only when requested.
  - Check your home's water meter to see if you have a leak (directions are posted at [http://h2ouse.org/action/details/action\\_element\\_contents.cfm?actionID=F56F50F2-34E3-4095-9A919C304D945B5F&elementID=FCC1BED3-B2D1-4253-A3D07864BBA98629&parentPage=Take%20Action/action/index.cfm](http://h2ouse.org/action/details/action_element_contents.cfm?actionID=F56F50F2-34E3-4095-9A919C304D945B5F&elementID=FCC1BED3-B2D1-4253-A3D07864BBA98629&parentPage=Take%20Action/action/index.cfm)).
  - Leaks are prohibited. If you find a leak (even a small one), arrange for it to be repaired as quickly as possible.
  - Rebate programs for water –efficient appliances, low-flow toilets (replacing older, high-flow toilets) and waterless urinals will remain available while funds last (first come, first served)
- Reduce outdoor water use by 50-60% (these limitations apply to outdoor use of tap water, only; they do not apply to applications or use of recycled water)
  - The following practices are **prohibited** during the Drought Emergency
    - Watering while it's raining or less than three days after a rain event
    - Any irrigation that results in ponding, flooding, excessive runoff or marshy conditions
    - Watering during daylight hours, due to the higher evaporation rates
    - Filling a new swimming pool or draining and subsequent complete refilling of existing swimming pools (in some extremely limited situations related to health and safety needs and localized groundwater conditions, waivers may be considered)
    - Refilling (topping off) swimming pools that are uncovered when not in use
    - Use of non-recycling decorative water fountains
    - Using hoses without quick-acting positive shutoff nozzles
    - Hosing off sidewalks, driveways, building exteriors, etc.
    - Any use of potable water related to street sweeping, sewer maintenance, gutter flushing, etc.
  - Lawn and Landscape Irrigation Limitations
    - April – May: Water no more than once per week
    - June – September: Water no more than twice per week
    - October – November: Water no more than once per week
    - December – March: Do not water (landscape can be dormant)

- Outdoor Landscaping Improvements
  - Zone 7 will continue to offer outdoor rebate programs - lawn replacement rebates will be broken into up-front funding for lawn removals and replacement with sheet-mulching - plantings shall be deferred until the Fall rains begin (since new drought-tolerant plants require water during the period of establishment) and the remainder of the rebate will only be available after such Fall plantings have been completed. Single-family residential WBIC rebates are being discontinued during the drought due to irrigation limitations outlined above.
  - Zone 7 has developed a new menu of incentive programs for untreated water users. The programs will vary based on the specific site profile and will offer incentives for irrigation hardware upgrades and site monitoring.

As with potable water customers, agricultural (untreated water) customers will be provided no more than 75% of their projected demands (i.e., untreated water customers must also reduce their demands by at least 25%).

Staff is also finalizing plans for various more routine Water Awareness Month activities, including enhanced conservation messaging in the classrooms, water-conservation and stormwater-pollution awareness booths at farmers markets in each of the three cities, and participation in a water conservation workshop being held as part of Dublin Pride Week. In addition, winners of Zone 7's special awards for water-related projects at the Alameda County Science & Engineering Fair will be invited to make presentations at the May board meeting.

There will be conservation workshops for professional landscapers and landscape contract managers and water conservation handouts during the East Bay garden tours:

#### **Tours:**

May 4<sup>th</sup> Bringing Back the Natives Garden Tour. Note that while lawn removals are encouraged at any time, new landscaping is prohibited until Zone 7 lifts restrictions (anticipated in the Fall or Winter after the rainy season begins). So, please attend and get some ideas for replacing dead lawns later in the year (rebates available for lawn removals)!

#### **Training:**

This is the third year Zone 7 is offering the Qualified Water Efficient Landscaper (QWEL) training to landscape professional, designers, and homeowners. The program presents an affordable proactive local approach to reducing landscape water demand. QWEL provided graduates with knowledge in water efficient and sustainable landscape practices including water management and preservation of other valuable resources.

#### **Workshops and Talks, Livermore:**

“Mow No More”- Sheet-Mulching Workshop in Livermore with Bringing Back the Natives May 24, 2014. Bringing Back the Natives Garden Workshop encourages

individuals to change their own landscapes by replacing lawn with a nature scape while helping to educate the public on the importance of preserving the natural habitat at home and in our communities. This year's program will focus on removing lawns before summer and deferring planting until Zone 7 gives the signal that adequate natural rain has occurred to help establish the plants (most likely in the Fall or Winter). Rebates will be split accordingly.

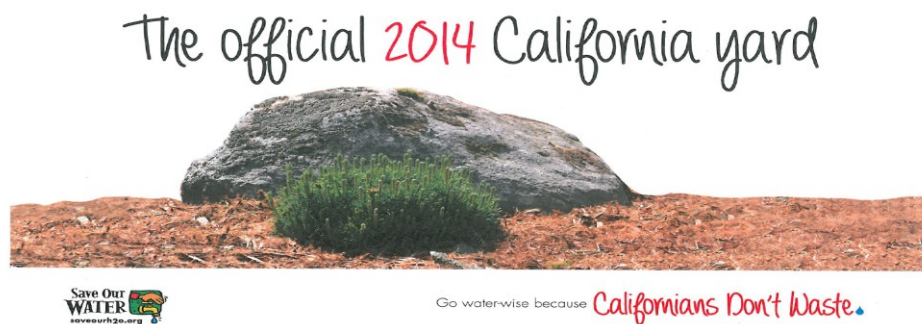
"Viticulture Workshop" - On April 14, 2014, Coastal Viticulture Consultants (CVC) gave a presentation to the winegrowers at Zone 7 Offices. This consultant provides tools and techniques on water use efficiency to produce quality grapes. The focus is not only on technology. The program relies on water use-based weather factors, soil moisture content and plant growth. Some of Zone 7's untreated water customers are already clients of CVC but this is a good opportunity to get more of them involved, provide some resources and raise awareness. Staff is working with CVC and have developed a menu of incentive programs to assist the untreated customers with improved irrigation hardware and controller that can reduced water consumption and be more efficient.

As a kickoff to Water Awareness Month, staff recommends that the Board declare support for the Save our Water Program. Staff will also continue their efforts to promote the water efficiency program to businesses and schools for enhanced regional conservation. And, as a Stage 2 UWMP Action, Zone 7 will continue to provide direction to the retailers and coordinate outreach messaging to achieve necessary demand reduction in the Livermore-Amador Valley.

#### **RECOMMENDATION:**

Adopt attached resolution declaring May as Water Awareness Month and directing staff to implement the Stage 2 Action Plan outlined above.

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ZONE 7  
ALAMEDA COUNTY FLOOD CONTROL AND WATER CONSERVATION DISTRICT  
BOARD OF DIRECTORS

RESOLUTION NO.

INTRODUCED BY  
SECONDED BY

***Declaring May as Water Awareness Month***

WHEREAS, on January 17, 2014, Governor Jerry Brown declared a State of Emergency due to the current drought conditions and asked everyone to reduce water use by 20%; and

WHEREAS, on January 29, 2014 at a Special Meeting of the Zone 7 Board, a local Drought Emergency was declared and a Drought Emergency Response Plan was accepted; and

WHEREAS, on January 29, 2014 the General Manager was authorized to establish an appropriate level of conservation, consistent with the governor's proclamation of a drought emergency as a Stage 2 Action under the 2010 Urban Water Management Plan; and

WHEREAS, on January 31, 2014, the California Department of Water Resources (DWR) announced they were reducing State Water Project allocations from to zero per cent for the first time in history; and

WHEREAS, Zone 7 usually declares May as Water Awareness Month and water awareness is even more important during the Drought Emergency.

NOW, THEREFORE, BE IT RESOLVED that the Board of Directors of Zone 7 of the Alameda County Flood Control and Water Conservation District supports and declares May as Water Awareness Month and directs staff to provide direction to the water retailers for achieving needed conservation consistent with the Stage 2 Action Plan described in this Staff Report.

BE IT FURTHER RESOLVED that the Board directs staff to coordinate closely with the water retailers on conservation messaging, and staff are authorized to pool budgeted financial resources dedicated for conservation outreach in order to achieve this consolidated messaging.

ADOPTED BY THE FOLLOWING VOTE:

AYES:

NOES:

ABSENT:

ABSTAIN:

I certify that the foregoing is a correct copy of a Resolution adopted by the Board of Directors of Zone 7 of the Alameda County Flood Control and Water Conservation District on April 16, 2014.

By \_\_\_\_\_  
President, Board of Directors



## ALAMEDA COUNTY FLOOD CONTROL AND WATER CONSERVATION DISTRICT, ZONE 7

100 NORTH CANYONS PARKWAY • LIVERMORE, CA 94551 • PHONE (925) 454-5000 • FAX (925) 454-5727

**ORIGINATING SECTION: MAINTENANCE**  
**CONTACT: GERALD DEWITT**

**AGENDA DATE:** April 16, 2014

**ITEM NO. 9**

**SUBJECT:** Contract for Standby Power Generator Rental

### **SUMMARY:**

- In response to the ongoing drought emergency and our increased reliance on groundwater pumping to provide water to the valley, staff has been conducting an assessment of our groundwater production wells to ensure they will be available when needed.
- In addition to the replacement of several damaged or aging pumps, and increased preventative maintenance, staff also conducted a risk assessment to identify the factors most likely to impact production capability.
- One of the biggest threats for the operation of our well facilities, particularly during the hot summer months when they are needed the most, is the loss of electrical power. PG&E, the power provider for the majority of Zone 7 facilities, has a history of power interruptions and fluctuations, which impacts the well operation.
- While Zone 7 does own several backup generators, we do not own enough for all of our facilities nor are they large enough to power some of our larger wells. In addition, the time required to transport and connect a generator is significant, particularly during the summer when every well is needed to meet demands.
- Zone 7 determined it would be prudent to insure our ability to continue pumping groundwater and delivering it to our customers in the event of a power outage.
- Participation in the National Joint Powers Alliance (NJPA) provides access to a pre-approved vendor for rental of standby power generators and related equipment to be stationed at our wells and pump stations. Participation in the NJPA is beneficial to Government agencies as rates quoted by vendors outside of the NJPA agreement are significantly higher. The NJPA agreement is with Caterpillar Inc. working through Peterson Power Systems, the local Caterpillar representative.

### **FUNDING:**

Funding for work under this agreement will be provided from Fund 100 – Water Enterprise

### **RECOMMENDED ACTION:**

Adopt the attached resolution authorizing the General Manager to enter into a contract with an NJPA approved vendor in an amount not-to-exceed \$ 730,000 for FY 14/15 and authorize the General Manager to extend the contract for up to two additional one-year periods.

### **ATTACHMENTS:**

Memo providing additional background  
Zone 7 Board Resolution

## **Interoffice Memo**

**Date:** April 16, 2014  
**To:** Jill Duerig, General Manager  
**From:** Gerald DeWitt, Maintenance Manager  
**Subject:** Contract for Standby Power Generator Rental

The following provides background and discussion regarding subject agenda item.

### **BACKGROUND:**

In response to the ongoing drought conditions, Zone 7 staff has been reviewing water supply projections and possible threats to water operations. Over the past months, staff has been developing responses necessary to provide water to our customers during the current drought emergency.

With limited surface water supplies coming from the state, Zone 7 will be forced to rely more heavily on the groundwater basin for meeting this year's water supply needs. In addition, there is the possibility that due to poor water quality or lack of supplies, surface water may not be available for some periods of time making our reliance on groundwater production even more critical. As a result, Zone 7 will be heavily dependent on our well facilities to supply water to our customers.

Given this operational scenario, staff has been replacing damaged or aging well pumps, increasing preventative maintenance and stocking spare parts needed to make minor repairs. In addition, staff assessed the risks to the well facilities to identify factors most likely to impact groundwater production. One of the biggest threats to the operation of our well facilities, particularly during the hot summer months when they are needed the most, is the loss of electrical power. PG&E, the power provider for most of our facilities, has a history of power interruptions and fluctuations, which impacts the well operation. Zone 7 needs to insure our ability to pump groundwater and deliver the water to our customers in the event of power outages. While Zone 7 does own several backup generators, we do not own enough for all of our facilities nor are they large enough to power some of our larger well facilities. In addition, the time required to transport and connect a generator is significant, particularly during the summer when every well is needed to meet demands.

In order to guard against the loss of groundwater production due to a power outage it is recommended to have a standby generator located at each facility planned for use this summer and connected to the electrical panel. In the event of a power interruption, the generator would provide the needed power to keep the facility in operation until PG&E power could be restored.

An assessment of Zone 7 facilities determined that the sites that could need to be outfitted with generators for standby power are; Hopyard Wells 6 and 9, Mocho Wells 3 and 4, Stoneridge Well, Chain of Lakes Wells 1 and 2, and the Airport pumping/rate control station. Zone 7 owned generators are available for use at Mocho Wells 1 and 2, Silver Oaks pumping/rate control station and as backup for the chemical feed pumps and control power at the Mocho Groundwater Demineralization Plant.

Additionally, in response to drought conditions, Zone 7 is in the process of constructing two new wells. It may be necessary that Zone 7 provide power generators for these sites as the wells may be constructed before permanent power is installed by PG&E.

To accomplish the task of providing standby power at these sites, Zone 7 explored possible vendors, equipment availability, and prices. Through Alameda County, we are eligible to participate in the National Joint Powers Alliance (NJPA). The NJPA provides access to pre-approved vendors for many services and products, in this instance for rental of standby power generators and related equipment. Participation in the NJPA is beneficial as rates are already established and lower than those quoted by vendors outside of the NJPA agreement. We are also able to forgo the usual bid process as this has already been done by the NJPA. The NJPA agreement is with Caterpillar Inc. The actual contract for service would be with Peterson Power Systems, the local Caterpillar representative.

## **DISCUSSION:**

One advantage of contracting through the NJPA is that equipment is provided on an as-needed basis. The supplier will provide whatever equipment is needed for any duration of time and Zone 7 only pays for the time the equipment is on site. The length of time the generators will actually be needed on site would depend on the duration of drought conditions. At this time it is anticipated that the generators could be in place from May 1 to November 30, 2014, but this timeframe may be shortened or extended depending on the water supply outlook. In addition, if drought conditions persist, it may be necessary to maintain this service into next year if surface water supplies remain limited.

The Contract will allow, at Zone 7's sole discretion, for extensions for up to two additional one-year periods (FY 2015/16 and FY 2016/17). Any and all adjustments of unit bid prices are negotiated through the NJPA. Funding for work under this agreement will be provided from Fund 100 – Water Enterprise.

Staff recommends that the board approve the attached resolution authorizing the General Manager to enter into a contract for as-needed standby power equipment with the NJPA approved vendor, Peterson Power Systems for up to three years, and to approve a first year contract amount of \$730,000 for a not-to-exceed amount of \$2,190,000 over the three year contract period.

ZONE 7  
ALAMEDA COUNTY FLOOD CONTROL AND WATER CONSERVATION DISTRICT

BOARD OF DIRECTORS

RESOLUTION NO.

INTRODUCED BY  
SECONDED BY

**Contract for Standby Power Generator Rental**

WHEREAS, The State of California is in a period of drought and the Zone 7 Board has declared a drought emergency; and

WHEREAS, water deliveries to Zone 7 surface water treatment plant facilities will likely be severely curtailed or shut down entirely, Zone 7 will be reliant on its wells and pump stations to produce and deliver domestic water to its customers; and

WHEREAS, Zone 7 considers it prudent to station standby power generators at the critical wells and at pump station facilities to provide electrical backup power in the event of power outages; and

WHEREAS, Zone 7 has access to a supplier through the National Joint Powers Alliance, Peterson Power Systems, the local Caterpillar representative.

NOW, THEREFORE, BE IT RESOLVED that the Board of Directors of Zone 7 of the Alameda County Flood Control and Water Conservation District does hereby authorize the General Manager to enter into a contract with Peterson Power Systems to provide as-needed standby generators and equipment in an amount not-to-exceed \$730,000 per year, and

BE IT FURTHER RESOLVED that the General Manager be authorized to extend the contract for up to two additional one-year periods and adjust the Contract Unit Prices in accordance with the Contract Documents and execute the contracts.

ADOPTED BY THE FOLLOWING VOTE:

AYES:

NOES:

ABSENT:

ABSTAIN:

I certify that the foregoing is a correct copy of a Resolution adopted by the Board of Directors of Zone 7 of the Alameda County Flood Control and Water Conservation District on April 16, 2014.

By \_\_\_\_\_  
President, Board of Directors



## ALAMEDA COUNTY FLOOD CONTROL AND WATER CONSERVATION DISTRICT, ZONE 7

100 NORTH CANYONS PARKWAY • LIVERMORE, CA 94551 • PHONE (925) 454-5000 • FAX (925) 454-5727

**ORIGINATING SECTION: FACILITIES ENGINEERING**  
**CONTACT: BRANDON WOODS/RHETT ALZONA**

**AGENDA DATE:** April 16, 2014

**ITEM NO. 10**

**SUBJECT:** Award of Contract for the DVWTP Filter 1 Media Replacement Project

### **SUMMARY:**

- Due to the extreme drought conditions and poor water quality being experienced and expected to be delivered this summer through the State Water Project, Zone 7 will be heavily reliant upon its production at the Del Valle Water Treatment Plant to meet customer demands.
- In late March 2014, grouting and possibly the underdrain system of the Del Valle Water Treatment Plant (DVWTP) Filter 1 bed failed. The bed failure has also resulted in loss of filter media and the filter is currently out of service impacting the overall production capacity of the plant.
- Under the Emergency Drought Declaration, staff recommends authorizing the General Manager to forego the formal bid process and contract for the DVWTP Filter No. 1 Filter Media Replacement Project with ERS Industrial Services Inc. or another qualified firm.
- ERS Industrial Services Inc. recently participated in a formal competitive bidding process for a similar project for Filter No. 2 in 2013 as the responsive and responsible low bidder, and successfully completed the project.
- The project scope is limited to filter media replenishment, inspection and repair/replacement of the underdrain blocks, grout and concrete surfaces, as necessary to bring the filter back into service.
- Based on ERS' bid prices for DVWTP Filter Media Replacement for Filter No.2, staff's estimate for re-grouting, repairing or possibly replacing some underdrain blocks, and removing and replacing the filter media is \$275,000.

### **FUNDING:**

Funding is available from Fund 120 – Renewal/Replacement and System-Wide Improvements.

### **RECOMMENDED ACTION:**

Adopt attached resolution a) authorizing the General Manager to negotiate and execute an agreement with ERS Industrial Services Inc. or another qualified firm for construction of this project in an amount not-to-exceed \$275,000; and b) Authorize the General Manager to issue change orders as and when needed in an amount not-to-exceed \$27,500 (10% of contract amount).

### **ATTACHMENTS:**

1. Memo providing additional background on agenda item
2. Resolution

## **Interoffice Memo**

**Date:** April 16, 2014  
**To:** Jill Duerig, General Manager  
**From:** Brandon Woods, Assistant Engineer  
**Subject:** Award of Contract for the DVWTP Filter 1 Media Replacement Project

The following provides additional background and discussion on the above-referenced agenda item:

### **BACKGROUND:**

Filter media was replenished (topped off) in all eight filters at the Del Valle Treatment Plant (DVWTP) as part of the media replenishment/replacement project in early 2013 by ERS Industrial Services, Inc. The media was completely replaced in filter No. 2 and the underdrain system was inspected and cleaned, the concrete walls and floor grout was repaired and coated.

Approximately two weeks ago, Filter No.1 was taken out of service due to very poor filter run performance and signs of short-circuiting within the filter media. When the filter was drained, there was significant media loss as well as the more troubling symptoms of mounding, depressions, mud balls and sinkholes. These issues point to media being lost either through the underdrain system itself, or through some issue with the grouting of the underdrain system. In either case, in order for the filter to be brought back into service and the filtering capacity of the DVWTP restored, the media must be removed from Filter 1 and the underdrain system inspected and repaired as required.

### **DISCUSSION:**

Due to the extreme drought conditions and reduced flows through the Delta, Zone 7 has experienced significant degradation of the surface water quality being delivered through the State Water Project. Delta water quality is anticipated to get even worse during the upcoming summer months. This poor water quality is more difficult to treat to drinking water standards and reducing the overall production capacity of our surface water treatment plants. The Del Valle Water Treatment Plant has seen a significant increase in treatment chemical usage and has experienced up to 14 filter backwashes in a single day. If Lake Del Valle is used as source water, Patterson Pass Treatment Plant will be offline.

The loss of one of the plant's eight filters reduces the reliability of the plant and limits its production. In order to maximize the treatment capacity of the plant in time to meet the high summer demands, the filter must be repaired and returned to service as soon as possible. To advertise and award a contract for such work would delay the project at least two months, pushing the completion of the project well into the summer high demand period. In order to expedite the repair of the filter and have it back in service in order to meet production needs, an emergency contract is needed.

This emergency project will implement portions of the same work performed on Filter 2 except for coating the concrete walls and floor. With the uncertainty of the underdrain system possibly being damaged, underdrain system repair would be additional work that was not needed on Filter 2. Further rehabilitation and coating of the filter to extend its useful life and possible underdrain upgrades to improve backwash effectiveness will be completed in a future filter rehabilitation project which is already scheduled within the 10-year CIP. Because of the time required to prepare the surface, apply and cure the coating, this portion of the work is not recommended at this time in order to have the filter back in service as soon as possible to address the current drought emergency.

ERS Industrial Services Inc. recently participated in a formal competitive bidding process for similar filter repair work for Filter No. 2 for the 2013 DVWTP Filter Media Replacement Project and was the responsive and responsible low bidder, and successfully completed the project. Staff is in communication with ERS to see if an acceptable scope of work, schedule and cost can be negotiated. If agreement cannot be reached, another qualified contractor will be contacted.

Based on ERS' bid prices for the 2013 DVWTP Filter Media Replacement for Filter No. 2, staff's estimate for re-grouting, repairing or possibly replacing some underdrain blocks, and removing and replacing the filter media, is \$275,000.

#### **FUNDING:**

Funding for this project is available from Fund 120 – Renewal & Replacement/System-Wide Improvements.

#### **SCHEDULE:**

Construction would commence in late April 2014. Substantial completion is anticipated by the end of May 2014.

#### **RECOMMENDATION:**

Staff recommends that the General Manager be authorized to negotiate and execute a contract with ERS Industrial Services, Inc., or another qualified firm in an amount not-to-exceed \$275,000 for the DVWTP Filter 1 Media Replacement Project and issue change orders as and when needed in an amount not-to-exceed \$27,500 (10% of contract amount).

ZONE 7  
ALAMEDA COUNTY FLOOD CONTROL AND WATER CONSERVATION DISTRICT  
BOARD OF DIRECTORS

RESOLUTION NO.

INTRODUCED BY  
SECONDED BY

***Award of Contract for the DVWTP Filter No. 1 Media Replacement Project***

WHEREAS the Zone 7 Drought Emergency Response Plan includes identifying and pursuing emergency projects that will minimize impacts on water deliveries in the Livermore-Amador Valley; and

WHEREAS, Delta water quality is projected to get worse and the full treatment capacity of the Del Valle Water Treatment Plant (DVWTP) is needed in order to meet summer peak demands, especially if Lake Del Valle is used for water quality or water supply purposes; and

WHEREAS, the Del Valle Water Treatment Plant capacity and production has been reduced due to the failure of DVWTP Filter No.1; and

WHEREAS, the Zone 7 Board declared a State of Local Drought Emergency on January 29, 2014; and

WHEREAS, going through the competitive bidding process would not restore full treatment plant capacity in time to meet high summer demands; and

WHEREAS, it is advantageous to sole source this work to ERS, or another qualified firm, for the emergency repair of the DVWTP Filter No. 1 before high summer demands or use of Lake Del Valle occurs.

NOW, THEREFORE, BE IT RESOLVED, that the Board of Directors of Zone 7 of the Alameda County Flood Control and Water Conservation District does hereby authorize the General Manager to negotiate and execute a contract with ERS Industrial Services, Inc., or another qualified firm for the construction of the DVWTP Filter 1 Media Replacement Project in an amount not-to-exceed \$275,000; and

BE IT FURTHER RESOLVED, that the General Manager be authorized to negotiate and issue change orders as and when needed in an amount not-to-exceed \$27,500.

ADOPTED BY THE FOLLOWING VOTE:

AYES:

NOES:

ABSENT:

ABSTAIN:

I certify that the foregoing is a correct copy of a Resolution adopted by the Board of Directors of Zone 7 of the Alameda County Flood Control and Water Conservation District on April 16, 2014.

By \_\_\_\_\_  
President, Board of Directors



## ALAMEDA COUNTY FLOOD CONTROL AND WATER CONSERVATION DISTRICT, ZONE 7

100 NORTH CANYONS PARKWAY • LIVERMORE, CA 94551 • PHONE (925) 454-5000 • FAX (925) 454-5727

**ORIGINATING SECTION: FLOOD PROTECTION**  
**CONTACT: JOE SETO / DEXTER YEE**

**AGENDA DATE:** April 16, 2014

**ITEM NO. 11**

**SUBJECT:** Award of Operated Equipment Supply Contract for Maintenance and Emergency Work for Flood Control Facilities, Project No. 236-14

### **SUMMARY:**

- In May 2011, Zone 7 executed a 3-year, maintenance and emergency work contract for flood control facilities. The purpose of the contract was to obtain specialized services through a contractor for maintenance and emergency flood control work. The contract is currently in its third and final year and will expire on June 30, 2014.
- On March 3, 2014, Zone 7 advertised a new annual contract for similar as-needed services in accordance with the Public Contract Code.
- On March 27, 2014, bids were received from three contractors.
- The lowest responsive and responsible bidder is Fanfa, Inc. Based on unit prices in Fanfa's bid, staff recommends executing a contract with Fanfa, Inc., for flood control maintenance and emergency work in an amount not-to-exceed \$985,000 per year.
- The Contract provides payment for labor and operated equipment based on the time and materials unit prices contained in Fanfa's bid.
- The Contract will allow for extensions for up to two additional one-year periods (FY 2015/16 and FY 2016/17) with provisions for adjustments of unit bid prices based on changes in the Engineering News Record Construction Cost Index as published by McGraw-Hill Publishing Company (ENR Index).

### **FUNDING:**

Funding for this contact is available from Fund 200 – Flood Protection Operations (\$960,000) and Fund 100 – Water Enterprise (\$25,000).

### **RECOMMENDED ACTION:**

Adopt attached resolution to:

- Approve the project specifications, appendices and addenda;
- Accept bids and award a contract to Fanfa, Inc., for a not-to-exceed amount of \$985,000;
- Authorize the General Manager to execute a contract with Fanfa, Inc., and to issue change orders as and when needed in an amount not-to-exceed \$98,500 annually;
- Authorize the General Manager to extend the contract for up to two additional one-year periods and adjust the unit bid prices in accordance with the Contract Documents.

### **ATTACHMENTS:**

- Memo providing additional background on agenda item
- Zone 7 Board Resolution

## Interoffice Memo

**Date:** April 16, 2014  
**To:** Jill Duerig, General Manager  
**From:** Joe Seto/Dexter Yee  
**Subject:** Award of Operated Equipment Supply Contract for Maintenance and Emergency Work for Flood Control Facilities, Project No. 236-14

The following provides additional background and discussion on the above-referenced agenda item.

### BACKGROUND:

Zone 7 owns and maintains about 37 miles of flood control channels and facilities in Eastern Alameda County. Zone 7 currently uses a contractor to perform maintenance and emergency work on Zone 7-owned flood control channels and facilities on an as-needed basis at locations designated by Zone 7.

Work includes, but is not limited to, construction and repair of flood control channels, access roads, driveways, V-ditches, drainage culverts and structures, drop inlets and outfall structures, sediment removal and miscellaneous work as directed by staff.

In May 2011, Zone 7 executed a 3-year, as-needed maintenance and emergency work contract with Fanfa, Inc. The purpose of the contract was to obtain specialized services through a contractor for maintenance and emergency flood control work. It is currently in its third and final year and will expire on June 30, 2014. The total value of the existing contract is \$935,000 per year (\$850,000 plus \$85,000 in change order allowance).

The new contract, advertised in March 2014, is estimated at an annual not-to-exceed amount of \$985,000. Contract amounts for these services in previous fiscal years were:

|         |             |
|---------|-------------|
| ▪ 02/03 | \$800,000   |
| ▪ 03/04 | \$500,000   |
| ▪ 04/05 | \$500,000   |
| ▪ 05/06 | \$500,000   |
| ▪ 06/07 | \$1,018,000 |
| ▪ 07/08 | \$500,000   |
| ▪ 08/09 | \$750,000   |
| ▪ 09/10 | \$750,000   |
| ▪ 10/11 | \$750,000   |
| ▪ 11/12 | \$935,000   |
| ▪ 12/13 | \$935,000   |

For FY 13/14, it is anticipated that \$935,000 would be expended.

In fiscal years (FY) 02/03 and 06/07, the contracts were augmented in response to the impact of heavy storm damage on flood control facilities resulting from the previous winters. Due to the unanticipated heavy storm damage; increases in fuel and material costs; and loss of revenue resulting from the Educational Revenue Augmentation Funds (ERAF) property tax shift, approximately \$6.2 million in deferred maintenance projects were accumulated in FY 2005-06. The deferred maintenance included bank stabilization, access road maintenance, concrete structure repair and reconstruction, and desilting

projects. In the last eight years, the amount of deferred maintenance projects has decreased to \$2.1 million. The increase in annual contract amount for fiscal years 2014/15 over FY 2013/14 is due to the following reasons:

- \$50,000 of routine maintenance, debris removal and other miscellaneous maintenance services formerly performed by Alameda County Public Works Agency.
- \$25,000 of emergency services for the Water Facilities Maintenance Section.

With the mild winter being experienced in 2013/14, there may be an opportunity to address some of the \$2.1 million in deferred maintenance still outstanding.

## **DISCUSSION:**

Zone 7 advertised the project two separate times in two local newspapers in accordance with the Public Contract Code. In addition, the project was advertised on the Zone 7 website, and through Northern California Builders Exchanges.

Three bids were received and publicly read on March 27, 2014, at 2:00 p.m. in accordance with established procedures. The submitted bids were as follows:

| <b>Name of Firm</b>                 | <b>Total Bid Amount</b> | <b>Corrected Bid Amount</b> |
|-------------------------------------|-------------------------|-----------------------------|
| Fanfa, Inc.                         | \$834,422.00            | -                           |
| Asta Construction, Inc.             | \$1,066,013.00          | -                           |
| Water Rock Construction Corporation | \$1,014,520.00          | \$1,016,920.00              |

The advertised contract included a schedule of unit price bid items, estimated quantities and type of labor and equipment required for this contract. The Contractor's unit bid prices on this Schedule were used only for bid comparison purposes, determination of the lowest responsive and responsible bid and for establishing hourly rates for labor and operated equipment. The Contractor will be paid, based on unit prices in the Contractor's bid, for labor and equipment time actually used.

The submitted bids have been reviewed by Zone 7 staff, and it was determined that the low bidder has complied with all bid requirements. Staff recommends the award of contract to the lowest responsive and responsible bidder, Fanfa, Inc. Staff has been working with Fanfa, Inc. for the term of the current contract and is satisfied with their performance.

Based on unit prices in the Fanfa, Inc. bid, staff recommends authorizing the General Manager to negotiate and execute a contract for flood control maintenance and emergency work with Fanfa Inc. in an amount not-to-exceed \$985,000 per year, with an allowance for extensions for up to two additional one-year periods, and to authorize the execution of change orders as and when needed in an amount not-to-exceed \$98,500 annually. All work will be measured for payment on a time and material basis.

The Contract will allow, at Zone 7's sole discretion, for extensions for up to two additional one-year periods (FY 2015/16 and FY 2016/17) with provisions for adjustments of unit bid prices based on changes in the Engineering News Record Construction Cost Index as published by McGraw-Hill Publishing Company (ENR Index).

This project is funded: \$960,000 from Fund 200 – Flood Protection Operations and \$25,000 from Fund 100 – Water Enterprise.

ZONE 7  
ALAMEDA COUNTY FLOOD CONTROL AND WATER CONSERVATION DISTRICT  
BOARD OF DIRECTORS

RESOLUTION NO.

INTRODUCED BY  
SECONDED BY

**Contract for Maintenance and Emergency Work for Flood Control Facilities**

WHEREAS, Zone 7 of the Alameda County Flood Control and Water Conservation District has a project, Operated Equipment Supply Contract for Maintenance and Emergency Work for Flood Control Facilities, Project No. 236-14; and

WHEREAS, said project was advertised and bids were taken, opened and publicly read on March 27, 2014; and

WHEREAS, the lowest responsive and responsible bid received for this project in the bid by Fanfa, Inc.

NOW, THEREFORE, BE IT RESOLVED that the Board of Directors of Zone 7 of the Alameda County Flood Control and Water Conservation District does hereby approve the specifications, appendices and addenda for Operated Equipment Supply Contract for Maintenance and Emergency Work for Flood Control Facilities; and

BE IT FURTHER RESOLVED that the bid of the lowest responsive and responsible bidder, Fanfa, Inc., be accepted, and that the Contract for the work be awarded to Fanfa, Inc., in an amount not-to-exceed \$ 985,000; and

BE IT FURTHER RESOLVED that the General Manager be authorized to execute the contract with Fanfa, Inc. in an amount not-to-exceed \$985,000 per year; and

BE IT FURTHER RESOLVED that the General Manager be authorized to negotiate and issue change orders as and when needed in an amount not to exceed \$98,500 annually; and

BE IT FURTHER RESOLVED that the General Manager be authorized to extend the contract for up to two additional one-year periods and adjust the Contract Unit Prices in accordance with the Contract Documents and execute the contracts.

ADOPTED BY THE FOLLOWING VOTE:

AYES:

NOES:

ABSENT:

ABSTAIN:

I certify that the foregoing is a correct copy of a Resolution adopted by the Board of Directors of Zone 7 of the Alameda County Flood Control and Water Conservation District on April 16, 2014.

By: \_\_\_\_\_  
President, Board of Directors



## ALAMEDA COUNTY FLOOD CONTROL AND WATER CONSERVATION DISTRICT, ZONE 7

100 NORTH CANYONS PARKWAY • LIVERMORE, CA 94551 • PHONE (925) 454-5000 • FAX (925) 454-5727

**ORIGINATING SECTION: FLOOD PROTECTION**  
**CONTACT: JOE SETO / LARRY AKINSIKU**

**AGENDA DATE:** April 16, 2014

**ITEM NO.** 12

**SUBJECT:** Contract for Weed Control Spraying Services

### **SUMMARY:**

- In March 1998, Zone 7 entered into an agreement with Alameda County Public Works Agency (County) to provide labor, material, and equipment for certain flood control routine maintenance and emergency services on a time and material basis to address our weed control spraying and other maintenance needs.
- In July 2013 the Board authorized a one year contract extension with the County to provide these maintenance services for an amount not-to-exceed \$400,000 for the period ending June 30, 2014 and directed staff to explore possibilities of procuring some of the services provided by the County through alternate contracts with other entities.
- In accordance with established procedures, staff issued a Request for Proposals for Weed Control Spraying Services. Ten firms attended the mandatory pre-bid meeting. On March 28, 2014, proposals were received from six firms.
- A Proposal Evaluation Team comprised of Zone 7 staff scored and ranked the proposals based on pre-determined scoring criteria.
- Livermore Area Recreation and Park District (LARPD) was determined to be the most suitable entity to provide these services to Zone 7.
- The Contract will allow payment to LARPD, the Contractor, for labor, equipment and supplies used based on the time and materials unit prices provided in LARPD's proposal.
- The Contract will allow for extensions for up to two additional one-year periods (FY 2015/16 and FY 2016/17) with provisions for adjustments of unit bid prices based on changes in the Engineering News Record Construction Cost Index as published by McGraw-Hill Publishing Company (ENR Index).
- Based on unit prices in LARPD's proposal, staff recommends executing a contract with LARPD for weed control spraying in an amount not-to-exceed \$250,000 for FY 14/15.

### **FUNDING:**

Funding is budgeted and available from Fund 200 – Flood Protection Operations.

### **RECOMMENDED ACTION:**

Adopt attached resolution authorizing the General Manager to:

- Negotiate and execute a contract with LARPD in an amount not-to-exceed \$250,000 for the first year for weed control spraying services;
- Issue change orders as and when needed in an amount not-to-exceed \$25,000 annually;
- Extend the contract for up to two additional one-year periods adjusting the unit bid prices in accordance with the Contract Documents plus change orders up to 10% per year based on the annual contract amount.

### **ATTACHMENTS:**

1. Memo providing additional background on agenda item
2. Resolution

## **Interoffice Memo**

**Date:** April 16, 2014  
**To:** Jill Duerig, General Manager  
**From:** Joe Seto/Larry Akinsiku  
**Subject:** Contract for Weed Control Spraying Services

The following provides additional background and discussion on the above-referenced agenda item:

### **BACKGROUND:**

In March 1998, Zone 7 entered into a formal agreement with Alameda County Public Works Agency (County) to secure labor, material, and equipment for flood control routine maintenance and emergency services on a time and material basis to address Zone 7's weed control spraying and other maintenance needs with the General Manager authorized to renew the agreement each subsequent year.

In April 2003, the Board approved a modification to the agreement increasing the annual amount from \$300,000 to \$400,000 per year to account for an increase in the amount of flood control property requiring maintenance, and increases in labor, material and equipment costs. The Board also authorized the General Manager to approve and execute subsequent agreement extensions up to \$400,000 per year.

In July 2013, the Board authorized the General Manager to execute a one year agreement extension with the County for flood control maintenance services on an as needed basis in an amount not-to-exceed \$400,000 for the period ending June 30, 2014 and directed staff to explore the possibilities of procuring the services provided by the County through alternate contracts with other entities.

The existing services contract with Alameda County Public Works Agency (County) expires on June 30, 2014. The majority of the services provided by the County under this contract is for vegetation spraying (weed control) in and along Zone 7 flood control facilities. In addition to spraying, the contract provides resources for various maintenance activities including mechanical vegetation trimming and removal along property lines, debris and trash removal, homeless encampment cleanups, graffiti removal, drain inlets and concrete swale cleaning, and providing heavy equipment such as a dump truck when required.

Zone 7 has an ongoing need for weed control spraying services in our flood protection facilities and the Chain of Lakes area in order to properly manage and maintain the facilities. In general, the scope of work for Weed Control Spraying Services includes the follows:

|   | Type of Treatment                                                                | Typical Spray Period           | Approximately Quantity of Area |
|---|----------------------------------------------------------------------------------|--------------------------------|--------------------------------|
| 1 | Pre-emergent application on channel access roads and Chain of Lakes access roads | Between December and January   | 250 Acres                      |
| 2 | Non-native broadleaf plant control application on channel bank slopes            | Between April and May          | 300 Acres                      |
| 3 | Aquatic plant control application on channel bottom                              | Between July and September     | 200 Acres                      |
| 4 | Fence line/concrete lined channel treatment application                          | Between February and September | 10 Miles                       |

## **DISCUSSION:**

On March 7, 2014, staff issued a Request for Proposals (RFP) (No. 237-14) for Weed Control Spraying Services to replace the vegetation spraying services currently provided by the County. The RFP was advertised two separate times in a local newspaper and posted on the District website. In addition, staff reached out to other landscape spraying contractors that may be interested to make them aware of the RFP. Of the ten firms that attended the mandatory pre-bid meeting, the following six firms submitted proposals on March 28, 2014:

1. Quality Sprayers, Inc. (Long Beach/Sacramento)
2. Custom Agronomic Solutions (Sacramento)
3. Pacheco Brothers Gardening, Inc. (Hayward)
4. Livermore Area Recreation and Park District (Livermore)
5. California Reforestation, Inc. (Sonora)
6. DeAngelo Brothers Inc. (Pennsylvania/Sacramento)

A RFP Evaluation Team made up of five Zone 7 staff scored and ranked the proposals based on pre-determined criteria. Livermore Area Recreation and Park District (LARPD) received the highest ranked score and was determined to be the most suitable entity to provide these services to Zone 7. The criteria used to rank the firms included:

- Qualifications, experience, capacity and appropriate licenses of primary personnel to be assigned to the project;
- Service approach/work plan;
- Past performance on projects of similar scope and size;
- Quality and comprehensiveness of the proposal; and
- Price.

LARPD's proposal was rated highly because it demonstrated a good understanding of Zone 7's needs and regulatory requirements as well as their experience and established safety program procedures related to serving the public around trails and open space.

Based on the unit prices provided in LARPD's proposal, staff recommends a contract in an amount not-to-exceed \$250,000 for FY 14/15 for this contract. The Contract will allow payment to LARPD, the Contractor, for labor, equipment and supplies used based on time and materials unit prices provided in LARPD's proposal. The Contract will allow for extensions for up to two additional one-year periods (FY 2015/16 and FY 2016/17) with provisions for adjustments of unit bid prices based on changes in the Engineering News Record Construction Cost Index as published by McGraw-Hill Publishing Company (ENR Index).

## **FUNDING:**

Funding for this contract is budgeted and available from Fund 200 – Flood Protection Operations.

## **RECOMMENDATION:**

Staff recommends that the Board authorize the General Manager to:

- Negotiate and execute a contract with LARPD in an amount not-to-exceed \$250,000 for FY14/15 for weed control spraying services;
- Issue change orders as and when needed in an amount not-to-exceed \$25,000 annually;
- Extend the contract for up to two additional one-year periods and adjust the unit bid prices in accordance with the Contract Documents.

ZONE 7  
ALAMEDA COUNTY FLOOD CONTROL AND WATER CONSERVATION DISTRICT

BOARD OF DIRECTORS

RESOLUTION NO.

INTRODUCED BY  
SECONDED BY

**Weed Control Spraying Services Contract**

WHEREAS, Zone 7 of the Alameda County Flood Control and Water Conservation District has a need to contract for weed control spraying services for flood protection facilities and the Chain of Lakes area; and

WHEREAS, on March 7, 2014, staff issued a Request for Proposals (RFP) for Weed Control Spraying Services in accordance with established procedures; and

WHEREAS, on March 28, 2014, proposals were submitted by six firms; and

WHEREAS, the proposals were scored and ranked based on pre-determined criteria and the Livermore Area Recreation and Park District was determined to be the most suitable firm to provide these services to Zone 7.

NOW, THEREFORE, BE IT RESOLVED that the Board of Directors of Zone 7 of the Alameda County Flood Control and Water Conservation District does hereby authorize the General Manager to negotiate and execute a contract with Livermore Area Recreation and Park District in an amount not-to-exceed \$250,000 for FY 14/15 for weed control spraying services; and

BE IT FURTHER RESOLVED that the General Manager be authorized to negotiate and issue change orders as and when needed in an amount not to exceed \$25,000 per year; and

BE IT FURTHER RESOLVED that the General Manager be authorized to extend the contract for up to two additional one-year periods and adjust the Contract Unit Prices in accordance with the Contract Documents and execute the contracts.

ADOPTED BY THE FOLLOWING VOTE:

AYES:

NOES:

ABSENT:

ABSTAIN:

I certify that the foregoing is a correct copy of a Resolution adopted by the Board of Directors of Zone 7 of the Alameda County Flood Control and Water Conservation District on April 16, 2014.

By: \_\_\_\_\_  
President, Board of Directors



## ALAMEDA COUNTY FLOOD CONTROL AND WATER CONSERVATION DISTRICT, ZONE 7

100 NORTH CANYONS PARKWAY • LIVERMORE, CA 94551 • PHONE (925) 454-5000 • FAX (925) 454-5727

**ORIGINATING DIVISION: Water Quality Section**  
**CONTACT: Gurpal Deol /Angela O'Brien**

**AGENDA DATE:** April 16, 2014

**ITEM NO. 13**

**SUBJECT:** Adoption of Revised Water Quality Policy

### **SUMMARY:**

- Zone 7's Water Quality (WQ) Policy for Potable and Non-Potable Water was adopted by the Board in April 2003. An Implementation Plan (IP) was also developed at the time which included internal WQ targets for guiding operations and capital improvements as well as several recommended capital projects for meeting the WQ targets. The WQ Policy specifies the IP to be reviewed and updated every two years or sooner
- In August 2005, Dublin San Ramon Services District (DSRSD), the City of Pleasanton and Zone 7 adopted a Joint WQ Resolution which outlined a work plan and schedule for completing the first IP update. The Joint Resolution also established general, operational, facilities, education and funding principles which were to guide the undertakings of the agencies in improving water quality. The Joint Resolution further required periodic updates of Zone 7's water quality improvement efforts.
- The first IP update was completed in 2006 per the Joint Resolution; the subsequent IP updates were completed about every 2 years afterwards.
- In 2013, Zone 7 conducted several meetings with its treated water retailers and a representative of untreated water users (Wente) to review its WQ Policy, Joint Resolution, and WQ improvement efforts. All agreed that there should be no changes to the Policy goals. Zone 7 and the retailers' staff agreed that there are some redundancies in the Zone 7 reporting requirements between the Policy and the Joint Resolution. Staff also agreed that applicable Joint Resolution principles could be incorporated into a revised Policy.
- Zone 7, in cooperation with the retailer's staff, has drafted a revised Policy which maintains the same policy goals while combining reporting requirements and incorporating applicable principles of the Joint Resolution.
- The proposed revised Policy was presented to the Tri-Valley Liaison Committee on Mar 26, 2014 and the Zone 7 Water Resources Committee on April 8, 2014.

### **FUNDING:**

There is no direct funding impact.

### **RECOMMENDED ACTION:**

Adopt the attached resolution rescinding the 2003 Water Quality Policy Resolution (Resolution No. 03-2494) and the 2005 Joint Water Quality Resolution (Resolution No. 06-2783), and adopting the revised Water Quality Policy for Potable and Non-Potable Water.

### **ATTACHMENT:**

- Memo providing additional background and discussion
- Revised Water Quality Policy

## **Interoffice Memo**

**Date:** April 16, 2014  
**To:** Jill Duerig, General Manager  
**From:** Angela O'Brien, Associate Water Quality Engineer  
**Subject:** Adoption of Revised Water Quality Policy

The following provides additional background and discussion on the above-referenced agenda item:

### **BACKGROUND:**

In April of 2003, the Zone 7 board of directors adopted a Water Quality policy (Policy) for potable and non-potable water. This policy and its accompanying implementation plan is a part of the Water Quality Management Program (WQMP) that was developed to assist the Board of Directors in pursuing water quality goals and identifying improvements to address these goals. The Water Quality policy was developed through a joint effort of Zone 7's Water Quality Committee and representatives of its retail water agencies and untreated water customers. The Policy was designed to address the water quality concerns of Zone 7's customers and to guide operational improvement and reliability, as well as capital improvement planning. An implementation plan (IP) was developed concurrently with this policy that included internal water quality targets and several recommended capital projects. These projects included the installation of taste & odor control at both the Del Valle and Patterson Pass surface water treatment plants, as well as the reduction of hardness by the construction of a reverse osmosis groundwater treatment plant.

In August of 2005, Zone 7, Dublin San Ramon Services District (DSRSD), and the City of Pleasanton adopted a Joint Resolution regarding water quality. This resolution outlined a three-phase approach to completing the fiscal year 2005-06 implementation plan update and included the development of an annual program report card and a conceptual "toolbox" by September of 2005, and development of a final "toolbox" by 2006. The "toolbox" was developed with customer collaboration to address pertinent water quality issues.

The first implementation plan update was completed in 2006 per the Joint Resolution and the subsequent IP updates were completed about every 2 years afterwards. The recommendations of the 2003 implementation plan and its subsequent updates have been evaluated, implemented, completed, or incorporated into Zone 7's ongoing Capital Improvement Program.

### **DISCUSSION:**

In 2011, one of the recommendations of the implementation plan update was to conduct a review of the Joint Resolution to determine if it could be incorporated into the existing Zone 7 Water Quality policy. In 2013, Zone 7 conducted several meetings with its treated water retailers and a representative of untreated water users (Wente) to review its Water Quality Policy, Joint Resolution, and WQ improvement efforts. All agreed that there should be no changes to the Policy goals. Zone 7 and the retailers' staff agreed that there are some redundancies in the Zone 7 reporting requirements between the Policy and the Joint Resolution. Staff also agreed that applicable Joint Resolution principles could be incorporated into a revised Policy. In addition, a

number of water quality improvement efforts first identified in the Joint Resolution have already been addressed and some capital intensive projects were discussed with retailers and deferred due to lack of funding. It was agreed that a new revised Water Quality policy was to be developed and the existing Joint Resolution with DSRSD and the City of Pleasanton be rescinded.

Zone 7, in cooperation with the retailer's staff, has drafted a revised Zone 7 Water Quality policy (attached) which maintains the same policy goals while combining reporting requirements and incorporating applicable principles of the Joint Resolution.

The revised Water Quality policy was presented to the Tri-Valley Liaison Committee on Mar 26, 2014 and the Zone 7 Water Resources Committee on April 8, 2014.

Staff recommends the Board adopts the attached Water Quality Policy resolution which rescinds the 2003 Water Quality Policy Resolution (Resolution No. 03-2494) and the 2005 Joint Resolution (Resolution No. 06-2783), and incorporates applicable Joint Resolution principles into the revised the Water Quality Policy for Potable and Non-Potable Water.

ZONE 7  
ALAMEDA COUNTY FLOOD CONTROL AND WATER CONSERVATION DISTRICT

BOARD OF DIRECTORS

RESOLUTION NO.

INTRODUCED BY  
SECONDED BY

***Revised Water Quality Policy for Potable and Non-potable Water***

WHEREAS, the Zone 7 Board of Directors is committed to delivering high quality water supplies to its potable (treated drinking water) Municipal and Industrial (M&I) Contractors that meet all public health regulatory requirements; and

WHEREAS, the Board endeavors to, in a manner that is fiscally responsible, proactive, and environmentally sensitive, deliver potable water that is aesthetically acceptable to its M&I Contractors; and

WHEREAS, the Board endeavors to provide potable water of an approximately equal quality within its operational capabilities to each M&I Contractor without diminishing existing water quality at any Contractors' turnouts; and

WHEREAS, the Board endeavors to provide non-potable water of an appropriate quality for its untreated water users from current surface and ground water supplies, and as a blended source of untreated and recycled water, when available; and

WHEREAS, the Board on April 16, 2003 adopted Resolution No. 03-2494 setting forth its Water Quality Policy for Potable and Non-potable Water after extensive discussion with stakeholders, and with the support of its M&I Contractors and untreated water users; and

WHEREAS, the adopted Water Quality Policy called for an Implementation Plan to be prepared as part of the Water Quality Management Program which shall be reviewed and updated every two years, or sooner if required, to reflect any emerging water quality issues and other regulatory and/or technology developments; and

WHEREAS, the Implementation Plan was completed in April 2003 which established internal water quality targets for guiding operations and capital improvements and recommended several capital projects for meeting the water quality targets; and

WHEREAS, the Board on August 17, 2005 adopted Resolution No. 06-2783 setting forth its Joint Water Quality Resolution with two of its M&I Contractors, City of Pleasanton and Dublin San Ramon Services District, for a work plan to update the Implementation Plan which included schedules and several policy principles to be evaluated; and

WHEREAS, the Implementation Plan was updated in December 2006 per the 2005 Joint Water Quality Resolution and every two years after; and

WHEREAS, Zone 7 has incorporated the internal water quality targets into various operations plans, planning documents, and design criteria as appropriate; and

WHEREAS, the capital projects recommended by the 2003 Implementation Plan and its updates have been implemented, completed, or incorporated into Zone 7's ongoing Capital Improvement Program (CIP); and

WHEREAS, the Board desires to revise the 2003 Water Quality Policy and the 2005 Joint Water Quality Resolution to reflect current condition of water quality and project status as well as the expectations of its M&I Contractors and untreated water users.

NOW, THEREFORE, BE IT RESOLVED that the Board hereby rescinds Resolution No. 03-2494 adopting the 2003 Water Quality Policy and Resolution No. 06-2783 adopting the 2005 Joint Water Quality Resolution; and

BE IT FURTHER RESOLVED that the Board hereby adopts the following policy goals regarding water quality to guide the Zone 7 potable and non-potable water operations and its CIP:

GOAL 1 – Zone 7 shall continue to meet all State and federal primary Maximum Contaminant Levels<sup>1</sup> (MCLs) for potable water delivered to the M&I Contractors' turnouts. In addition, Zone 7 shall deliver potable water of a quality that is as close as technically feasible and fiscally responsible to the Public Health Goals<sup>2</sup> (PHGs) and/or Maximum Contaminant Level Goals<sup>3</sup> (MCLGs). To ensure a margin of safety, the delivered water shall generally be of a quality that contains no greater than 80 percent of the applicable State or federal primary MCLs.

GOAL 2 – Zone 7 shall meet all State and federal secondary MCLs<sup>1</sup> in the potable water delivered to its M&I Contractors' turnouts. In addition, Zone 7 shall, within technical and fiscal constraints, proactively mitigate earthy-musty taste and odor events<sup>4</sup> from surface water supplies and reduce hardness levels to "moderately hard", defined as 75 to 150 mg/L. Also, Zone 7 shall optimize its treatment processes to minimize chlorinous odors by maintaining consistent disinfectant dosage and residual.

GOAL 3 – Zone 7 shall endeavor to deliver to its untreated water turnouts, from a variety of sources, water of a quality that meets the irrigation needs and does not negatively impact vegetation, crops, or soils.

GOAL 4 – In order to achieve Goals 1 through 3, Zone 7 shall continue to work to improve the quality of its source waters. This may be achieved through Zone 7's Salt and Nutrient Management Plan, which will maintain or improve the water quality in the groundwater basin, and through advocacy of improvements in the State Water Project, its facilities and their operations, which may improve the source water of Zone 7's surface water supplies.

GOAL 5 – Zone 7 will partner with M&I Contractors to assist them in taking similar steps as those outlined in this policy to maintain or improve the quality of water delivered to the M&I Contractor's retail customers.

BE IT FURTHER RESOLVED that this Board policy be reviewed and updated as needed. Also, to ensure that this Board policy is carried out effectively, the Zone 7 General Manager shall implement the following actions:

- Maintain a regular dialog with the M&I Contractors and untreated water users as appropriate and provide opportunities for meaningful and timely input;
- Conduct a workshop with the M&I Contractors to develop a Water Quality Management Program Report every two years. The workshop will review emerging water quality issues and relevant regulatory and/or technology developments, review status of key parameters of concern in relation to their water quality targets, review water quality policy and need for updates, and review status of relevant water quality improvement projects/activities. The Report shall include any recommended revisions to the water quality targets and/or recommended projects/activities to

assist in meeting the water quality targets. Optimization of system operations will be recommended, where possible, prior to the identification of the need for capital improvements. The Report recommended capital improvements shall be incorporated into Zone 7's biennial update of the Ten-Year Water System CIP.

- Work with the M&I Contractors to develop joint educational and notification materials for the public regarding Valley's water supplies, emphasizing all the actions taken and to be taken to improve water quality, including how those actions affect each Contactor.
- Establish and facilitate a joint operations workgroup consisting of operations staff from Zone 7 and the M&I Contractors to coordinate data collection and analysis and to coordinate operating practices to improve and minimize variations in delivered water quality.

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<sup>1</sup> Maximum Contaminant Level (MCL): The highest level of a contaminant that is allowed in drinking water. Primary MCLs are set as close to the PHGs (or MCLGs) as is economically and technically feasible. Secondary MCLs are set to protect the odor, taste, and appearance of drinking water.

<sup>2</sup> Public Health Goal (PHG): The level of a primary contaminant in drinking water below which there is no known or expected risk to health. PHGs are set by the California Environmental Protection Agency.

<sup>3</sup> Maximum Contaminant Level Goal (MCLG): The level of a contaminant in drinking water below which there is no known or expected risk to health. MCLGs are set by the United States Environmental Protection Agency.

<sup>4</sup> An event is defined as when three or more similar complaints are received in a 7-day period.

ADOPTED BY THE FOLLOWING VOTE:

AYES:

NOES:

ABSENT:

ABSTAIN:

I certify that the foregoing is a correct copy of a Resolution adopted by the Board of Directors of Zone 7 of the Alameda County Flood Control and Water Conservation District on April 16, 2014.

By \_\_\_\_\_  
President, Board of Directors



## ALAMEDA COUNTY FLOOD CONTROL AND WATER CONSERVATION DISTRICT, ZONE 7

100 NORTH CANYONS PARKWAY • LIVERMORE, CA 94551 • PHONE (925) 454-5000 • FAX (925) 454-5727

**ORIGINATING SECTION: EMPLOYEE SERVICES**  
**CONTACT PERSON: TOM PICO/GINGER STATON**

AGENDA DATE: April 16, 2014

ITEM NO. **14**

**SUBJECT:** Consider Action to Increase the Director Compensation and/or Reduce Number of Monthly Meetings to be Compensated

### **SUMMARY:**

- At the March 19, 2014, meeting the Board reviewed the results of the 2014 compensation survey of comparable water agencies' boards of directors. As discussed, pursuant to the "Zone 7 Board of Directors' Compensation and Expense Reimbursement Policy" adopted by the Board on March 15, 2006, a review of the Board's remuneration is conducted on a biennial basis.
- The Board's current compensation, effective June 21, 2008, is \$159.99 per meeting, with a maximum of ten meetings per month.
- The annual Consumer Price Index (CPI) for the San Francisco-Oakland-San Jose area was 2.7% in 2012 and 2.2% in 2013.
- The mean compensation level of the agencies surveyed is \$175.13. Based on discussion at the March 19<sup>th</sup> meeting, the Board may wish to consider the following options:
  - Option 1: maintain the compensation at the current \$159.99 per meeting.
  - Option 2: set the compensation for the fiscal years 2014/2015 and 2015/2016 at the mean derived from the current market compensation salary survey (\$175.13, an increase of approximately 9.46%.)
  - Option 3: Option 2 plus amending Board Compensation Policy to reduce the maximum number of meetings from ten to five per month.

### **FUNDING:**

Funds for these costs are available in Fund 50 – General/Flood Control and Fund 52 – Water Enterprise.

### **RECOMMENDED ACTION:**

Open public hearing, hear all comments, discuss and direct staff on the following:

- A) Adopt attached Ordinance to increase Board Compensation to \$175.13
- B) Adopt attached Policy to Modify the Compensation Policy from the current ten meetings per month maximum to five meetings per month maximum
- C) Consider taking no action; i.e., to adopt no increase for fiscal years 2014/2015 and 2015/2016 and to keep the current maximum at ten meetings per month

### **ATTACHMENTS:**

Memo and Survey from March 2014 Board item providing additional background and discussion

Draft Ordinance to set compensation to market mean

Draft Redline Changes to Zone 7 Board of Directors' Compensation and Expense Reimbursement Policy

Resolution to amend Policy

## MEMORANDUM

**DATE:** April 7, 2014  
**TO:** Jill Duerig, General Manger  
**FROM:** Tom Pico, Employee Services Manager  
Ginger Staton, Human Resources Analyst II  
**SUBJECT:** Consider Action to Increase the Director Compensation and/or Reduce Number of Monthly Meetings to be Compensated

### **SUMMARY:**

At the March 15, 2006 Board meeting your Board adopted the “Zone 7 Board of Directors’ Compensation and Expense Reimbursement Policy” which provides for a review of the Board’s remuneration on a biennial basis. Attached are the results of the 2014 compensation survey of comparable water agency’s board of directors. The Board’s current compensation, effective June 21, 2008, is \$159.99 per meeting. In 2012, the Board voted to increase the maximum meetings from four to up to ten meetings per month but to maintain the current level of compensation per meeting.

Since the 2012 vote, the annual Consumer Price Index (CPI) increase for the Oakland-San Francisco-San Jose area for 2012 was 2.7% and for 2013 was 2.2%. The mean compensation level of the agencies surveyed is \$175.13. Based on these results, the Board may wish to consider the following options.

At the March meeting, staff presented three options. One option was to maintain the compensation at the current level of \$159.99 per meeting. Another option was to set the compensation for fiscal years 2014/2015 and 2015/2016 at the mean derived from the current market compensation survey (\$175.13, an increase of 9.46%). Another option the Board considered was to take an increase of up to 30% given that an increase of up to 5% per year may be taken since the last increase, which was in 2008.

### **BACKGROUND:**

Water Code Section 20200, *et seq.*, governs compensation levels for Zone 7 Board Members. The statute provides the directors can be paid \$100.00 per day of service rendered. If the Board members already make \$100.00 per day, the amount can be increased by an amount not to exceed 5% for each year following the last adjustment. The last adjustment took effect June 21, 2008, increasing the compensation by 3.9% to \$159.99 per day of service rendered.

Based on the adoption of the Board’s policy of reviewing the remuneration biennially for the Zone 7 Board, attached is the survey for the year 2014. Based on past practice, the Board has considered the mean of comparable water agencies as the benchmark for compensation.

The following comparable water agencies were surveyed:

- Alameda County Water District
- Contra Costa Water District
- Dublin San Ramon Services District
- East Bay Municipal Utility District
- Marin Municipal Water District
- Santa Clara Valley Water District

Page one of the attached Board of Directors Compensation and Benefit Survey provides a summary listing each agency, compensation amount per meeting, maximum number of meetings per month, maximum compensation per month and the group benefits cost (minimum to maximum per month). The Survey also includes the mean for the agencies and a comparison to the compensation and benefits that are provided for the Zone 7 Board of Directors. Pages two through four of the Survey provide a more in-depth description of the total packages provided and any limitations.

At the March 19, 2014, meeting there was also some discussion of reducing the number of meetings from ten (10) to five (5). This would necessitate changing the “Amendment to Zone 7 Board of Directors Compensation and Expense Reimbursement Policy.”

## **DISCUSSION:**

In comparing the data surveyed for the year 2012 versus the current data, the changes were primarily in the cost of group benefits. Two of the agencies increased their board compensation. Marin Municipal Water District increased their compensation from \$145.00 per meeting to \$174.00 per meeting. East Bay Municipal Utility District increased their flat monthly payment from \$1,093.00 to \$1,120.00 and will increase again effective January 1, 2015 to \$1,154.00. The mean for the agencies surveyed is \$175.13 per meeting. The annual Consumer Price Index (CPI) for the Oakland-San Francisco-San Jose area for 2012 was 2.7% and 2013 was 2.2%.

The maximum compensation increase allowed under Water Code Section 20200 is 5% per year. The mean of the agencies surveyed is \$175.13. Based on these results, the Board may consider setting the compensation at the mean for fiscal year 2014/2015 and 2015/2016, to \$175.13 per meeting. Furthermore, since the board has taken no increase since 2008 and the Water Code allows 5% per year increase, up to 30% increase could be granted this year (up to \$207.98).

Under the above scenarios, the maximum increased cost for the 2-year period for fiscal year 2014/2015 and fiscal year 2015/2016 would be:

- No cost increase if compensation levels remain as is.
- \$25,435.20 to bring the compensation to the mean (or \$12,717.60 per year).
- \$80,623.20 to increase the compensation up to 30% (or \$40,311.60 per year).

This estimate is based on all seven directors attending ten meetings each month of the year. If the number were reduced to five, the estimated maximum costs would be reduced by half.

Staff also reviewed the June 20, 2012 Amendment to Zone 7 Board of Directors Compensation and Expense Reimbursement Policy” and the Board’s approved Meeting Minutes for the June 20, 2012 meeting at which the Policy was amended. The Minutes report that there was extensive discussion about the definition of Zone 7-related meetings and the need for pre-approval. While the Minutes make it clear what the intent of the Board was in the June 20, 2012 amendment, staff recommend considering changing the language of the Policy, itself, to better reflect the Board’s June 20, 2012, intent.

Therefore, the redline attachment incorporates not only a change in the number of meetings (from ten to five) but also clean-up language that incorporates a definition of the types of meetings for which board members will receive compensation and clarification about pre-approval requirements for out-of-state travel.

ALAMEDA COUNTY FLOOD CONTROL AND WATER CONSERVATION DISTRICT

ZONE 7 BOARD OF DIRECTORS

ORDINANCE NO.

INTRODUCED BY

SECONDED BY

*An Ordinance Increasing the Compensation of Members of the Board of Directors of Zone 7 of the Alameda County Flood Control and Water Conservation District*

Pursuant to California Water Code Section 20200, *et seq.*, the Board of Directors of Zone 7 of the Alameda County Flood Control and Water Conservation District do hereby ordain as follows:

SECTION I:

The “Zone 7 Board of Directors’ Compensation and Expense Reimbursement Policy” provides for a review of the Board’s remuneration on a biennial basis. Having undertaken such review for 2014, the Board of Directors find that increasing the remuneration paid per meeting attended by each Director for Fiscal Year 2014/2015 through Fiscal Year 2015/2016 by 9.46% to set it at the area mean would be appropriate.

SECTION II:

Beginning Fiscal Year 2014/2015 through 2015/2016, the compensation of one-hundred seventy-five dollars and thirteen cents (\$175.13) per day shall be paid to each Zone 7 Board member for each day’s attendance at regular, special and/or committee meetings of the Board and for attending such non-Zone 7 meetings as eligible for compensation pursuant to Section B of the “Zone 7 Board of Directors’ Compensation and Expense Reimbursement Policy.”

SECTION III:

This ordinance shall not be deemed to authorize compensation for more monthly meetings than allowed in Section B of the “Zone 7 Board of Directors’ Compensation and Expense Reimbursement Policy.”

SECTION IV:

This ordinance shall take effect and be in force sixty (60) days from and after the date of passage, and before the expiration of fifteen (15) days after its passage, shall be published once with the name of the members voting for and against the same in a newspaper of general circulation published in the County of Alameda.

Introduced at a regular meeting of the Board of Directors held on the 19<sup>th</sup> day of March, 2014, and passed and adopted by the Board of Directors of Zone 7 of the Alameda County Flood Control and Water Conservation District, in the County of Alameda, State of California, on the 16<sup>th</sup> day of April, 2014, by the following roll call vote:

AYES:

NOES:

ABSENT:

ABSTAIN:

ATTEST: \_\_\_\_\_

Secretary, Board of Directors  
Zone 7 of the Alameda County Flood  
Control and Water Conservation District,  
County of Alameda, State of California

I certify that the foregoing is a correct copy of an ordinance adopted by the Board of Directors of Zone 7 of the Alameda County Flood Control and Water Conservation District on April 16, 2014.

By: \_\_\_\_\_  
President, Board of Directors

ALAMEDA COUNTY FLOOD CONTROL AND WATER CONSERVATION DISTRICT  
ZONE 7 BOARD OF DIRECTORS

RESOLUTION NO.

INTRODUCED BY  
SECONDED BY

***Amendment to Zone 7 Board of Directors Compensation and Expense Reimbursement Policy***

WHEREAS, on March 15, 2006 the Zone 7 Board of Directors adopted the “Zone 7 Board of Directors Compensation and Expense Reimbursement Policy” as required by AB 1234; and

WHEREAS, on November 15, 2006, March 16, 2011 and June 20, 2012, said policy was amended; and

WHEREAS, it is desirable to again amend the policy to compensate Directors for attendance at certain non-Zone 7 sponsored activities relevant to and benefiting Zone 7;

NOW, THEREFORE, BE IT RESOLVED that the Board of Directors of Zone 7 of the Alameda County Flood Control and Water Conservation District does hereby approve Amendment No. 4 to the existing “Zone 7 Board of Director Compensation and Expense Reimbursement Policy,” as shown on the attached red-line document

ADOPTED BY THE FOLLOWING VOTE:

AYES:

NOES:

ABSENT:

ABSTAIN:

I certify that the foregoing is a correct copy of a Resolution adopted by the Board of Directors of Zone 7 of the Alameda County Flood Control and Water Conservation District on April 16, 2014.

By: \_\_\_\_\_  
President, Board of Directors

## **Zone 7 Board of Directors**

### **Compensation and Expense Reimbursement Policy**

(amended November 15, 2006; March 16, 2011; June 20, 2012; April 16, 2014)

The members of the Board of Directors will fully comply with the provisions of the following "Policy on Directors' Compensation and Expense Reimbursement."

#### **A. Compensation for Attendance at Zone 7 Meetings:**

Board Members will be compensated at the rate determined by the Board consistent with applicable law for attendance at regular and special meetings of the Board, including Board committee meetings and for attendance at biennial AB 1234 required ethics training courses approved by the Fair Political Practices Commission & Attorney General's Office.

#### **B. Compensation for Attendance at Non-Zone 7 Meetings:**

Each member of the Board of Directors is encouraged to participate in those outside activities and organizations, which in the judgment of the Board further the interests of Zone 7. Board Members may request compensation for attending non-Zone 7 Board meetings, events or activities, including conferences and organized educational programs, pursuant to the following procedure:

- ~~1. Prior to attendance at a non-Zone 7 sponsored meeting, event or activity, Board Members shall submit his/her request for compensation for such attendance.~~
- ~~1. Requests for compensation shall be included as an agenda item for Board consideration at the next regularly scheduled public meeting of the Board of Directors.~~
1. Board Members shall provide to the General Manager or his/her designee, the Member's request for compensation no later than ten (10) days ~~prior to~~after attending the ~~regularly scheduled Zone 7 Board of Directors public meeting at which the Member's request is to be considered by the full Board.~~non-Zone 7 meeting.
2. Board Members' requests shall, at a minimum, include the following information:
  - i. a description of the meeting, event or activity
  - ii. the host/sponsor of the meeting, event or activity
  - iii. the date, time & place
  - iv. purpose of attendance

3. The General Manager shall prepare an Agenda Item to reflect the Board Member's request for compensation and place it on the agenda of the scheduled meeting of the Board of Directors at which the request will be considered. If the General Manager has concerns with processing such a request, a discussion with the Board President shall be initiated and the Board President shall make a determination of whether or not the non-Zone 7 meeting meets the following criteria:

*The types of meetings for which Board members can receive compensation include representing Zone 7 at a public meeting of another public agency when that agency is considering business that involves Zone 7; speaking for Zone 7 at community events and meetings; representing Zone 7 at professional, technical, and trade association meetings and conferences; and taking part in organized educational activities, including required ethics training.*

*When considering requests for compensation by Board Member(s), the Board ~~of Directors~~ President shall also take into account whether the Member's attendance is in furtherance of rendering service to Zone 7 and is clearly relevant to Zone 7 ~~Activities~~ activities.*

4. Compensation for attendance at non-Zone 7 meetings, events or activities ~~that are held out-of-state~~, shall only be permitted upon prior approval of the Board of Directors in conformity with this policy and procedure. To request such approval in advance, Board Members shall provide to the General Manager no later than ten (10) days prior to the regularly-scheduled meeting the following:

- i. A description of the meeting, event or activity the Director wishes to attend
- ii. The host/sponsor of the meeting, event or activity
- iii. The date, time and place
- iv. The purpose of attendance

- 3-5. Requests for compensation to attend such out-of-state meetings shall be included as an agenda item for Board consideration at the next regularly-scheduled public meeting of the Board of Directors. In the event there is insufficient time to comply with the pre-approval process because Directors do not receive timely notice from the activity sponsor or as a result of circumstances reasonably beyond their control, Directors may choose to attend and seek the Board's approval thereafter. After such attendance, Directors shall at the next regularly-scheduled meeting of the Board, request Board approval for compensation and/or reimbursement following the agenda item procedure outlined in the preceding subsection. The Board shall have the right to reject any post-attendance request for approval if the failure to obtain pre-attendance approval results from a Director's own negligence or willful failure to timely submit his/her request.

- 4-6. Notwithstanding other sections of this Policy, Board Member compensation for

attendance at Zone 7 Board Meetings and ~~approved-appropriate~~ non-Zone 7 Board meetings, events or activities, shall not be paid for more than a total of ~~ten~~ (+0)five (5) days per Director in any calendar month.

**C. Amount of Compensation for Attendance:**

The amount of compensation to Board Members for attendance at each meeting, event and activity authorized pursuant to Sections A & B above, shall be reviewed on a biennial basis~~-. The amount of compensation shall be established in accordance with the provisions of Water Code Section 20200, et seq., and shall be adopted by ordinance. Board members will be compensated for attendance at each board-approved meeting, event and activity.~~

**D. Reimbursement of Actual and Necessary Board Member Expenses:**

Board Members shall be entitled to reimbursement for meals, lodging and travel expenses incurred to attend a meeting, event or activity ~~approved by the Board of Directors~~ pursuant to Section B above; provided, however, no compensation will be paid to any Board Member unless an expense report has been submitted by that Board Member, as provided below. Note that the board approves a total travel budget for all directors (rather than for individual directors) each year as part of the final budget approval process.

Notwithstanding the foregoing, reimbursement of Actual and Necessary Expenses incurred by Board Members in connection with attendance at the following conference(s)/course(s) shall be permitted~~without prior Board approval:~~

- a) Association of California Water Agency (ACWA) Conferences one time per calendar year.
- b) Biennial Fair Political Practices Commissions & Attorney General approved Ethics training courses in connection with AB 1234 required ethics training.

**1. General Rules Applicable to Directors' Expenses:**

- i. All expenses will be reasonable and necessary and Directors are encouraged to exercise restraint in all expenditures.
- ii. Government and group rates shall be used when offered by a provider of transportation or lodging services for travel and lodging when available. In the event a more expensive class of transportation is used, the reimbursable amount will be limited to the cost of the most economical class of transportation available. Reimbursement for use of personal autos will be at the applicable County of Alameda Auditor-Controller approved rate.
- iii. Expenditures for food and lodging will be moderate and reasonable and in accordance with District policy.
- iv. The policy is intended to result in no personal gain or loss to a Director.

**2. Transportation Expenses:**

Subject to this provision, Directors will be reimbursed for all expenses consistent with Paragraph 1 above, incurred in traveling to and from conferences, meetings and other events, which are attended on behalf of the District in their capacity as Directors. Travel

expenses will include round-trip air fare, actual expenses for ground transportation to and from airports and hotels, car rental, and or mileage reimbursement (at the maximum allowable per mile rate established from time to time by the County of Alameda Auditor-Controller) for use by Directors of privately-owned vehicles in the conduct of District business.

Reimbursement for public transportation, parking and bridge tolls is based on the submission of receipts attached to the [expense report](#), except that receipts are not required for metered parking (which should be designated on the claim).

### 3. Overnight Accommodations:

- i. Lodging costs are allowable if the time of the conference and the distance traveled justify the overnight stay. No reimbursement claim or request for overnight accommodations will be approved for expenses incurred within the District's service area, except upon approval of the Board.
- ii. If lodging is in connection with a conference or organized educational activity, lodging costs shall not exceed the maximum group rate published by the conference or activity sponsor, provided that lodging at the group rate is available to the Board Member at the time of booking. If the group rate is not available, the Board Member shall use comparable lodging.
- iii. Alcoholic beverages and other non-essential expenses (including, but not limited to, in-room movies, Service Bar, health club fees, etc.) will not be reimbursed.
- iv. Where reasonably possible, accommodations will be obtained in proximity to the conference or meeting site.
- v. Reimbursement for lodging costs requires ~~a copy of~~ the original hotel statement and proof of payment.

### 4. Meal Expenses:

Directors will be entitled to receive reimbursement for actual cost of meals exclusive of alcoholic beverages consistent with Paragraph 1 above and subject to the following:

Meals may be reimbursed in one of the following ways:

- a) If receipts are provided with the expense reimbursement claim for all meals, the actual cost of each meal (within reason), tax and tip shall be reimbursed.
- b) If receipts are not provided for all meals, the reimbursement amount is the lesser of actual cost or the flat rate for actual meal expense rates established by the Alameda County Auditor-Controller and is subject to the following individual limits in effect as of July 1, 2007 or at the limits as may be subsequently adjusted by the County Auditor-Controller, whichever is higher:

- Breakfast

\$11.00

- Lunch \$16.00
- Dinner \$29.00
- **Maximum Daily Rates: All Meals \$56.00**

Tips for meals (with receipts) will be reimbursed. Tips are reimbursed for reasonable amounts in accordance with community standards (currently 15%) and must be shown on the receipt. Tips for taxi service, porters and other services not directly connected to meals are not reimbursable.

**NOTE:** The maximum flat-rate reimbursement per day for meals of \$56.00 is **not** a per diem. To be reimbursed, the claimed meal must be purchased. If less than three meals in the day are purchased, the claim may not exceed the maximum amount reimbursable for those meals. Normally, only lunch would be reimbursed for a day conference.

#### 5. Registration Fees:

For conferences and seminars, the Board Member claimant must provide a copy of the program announcement, agenda and registration form, showing the conference location, dates, times, activities, costs and any lodging or meals included in the registration fee.

### **E. Reimbursement Procedure:**

All requests for reimbursement for actual and necessary expenses incurred on behalf of the District in the performance of official duties shall be submitted to the District's General Manager (or his/her designee) within 45 days after the expenses were incurred or expenditures made, unless circumstances warrant otherwise. Requests for reimbursement or accountings will be submitted, on expense report forms provided by the Alameda County Auditor-Controller's Office, and will be accompanied by receipts evidencing each expense or other documentation deemed satisfactory by the County Auditor-Controller. All out-of-pocket expenses must be supported by proof of payment (i.e., cash receipts, money orders, credit card charge slips, cancelled checks or copy of the bank statement showing the posted payment).

### **F. Board Member Reports:**

Members of the Board of Directors shall provide brief written reports or verbal presentations (less than five minutes) on meetings, events or activities attended at the expense of the District at the next regular Board of Directors meeting. Ideally, such reports should contain a summary of meetings attended and specific lessons learned with appropriate references so that additional information on selected topics can be obtained by other directors and staff, so that others who have not attended will be able to have access to the information made available during the meeting, event or activity.

### **~~G. Pre-Approval Exception:~~**

~~Notwithstanding anything to the contrary contained herein, in the event there is insufficient time to comply with the pre-approval process for attendance at non-Zone 7 sponsored activities as set forth Section B of this Policy because Directors do not receive~~

~~timely notice from the activity sponsor or as a result of circumstances reasonably beyond their control, Directors may choose to attend and seek the Board's approval thereafter. After such attendance, Directors shall at the next regularly scheduled meeting of the Board, request Board approval for compensation and/or reimbursement in conformity with the procedure set forth in Section B (3) through (6) herein together with a detailed explanation as to why timely compliance with the pre-approval process was not feasible. The Board shall have the right to reject any post-attendance request for approval if the failure to obtain pre-attendance approval results from a Director's own negligence or willful failure to timely submit his/her request.~~

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COMPENSATION AND BENEFIT SURVEY

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| AGENCY                              | AMOUNT PER MEETING | MAXIMUM MEETINGS PER MONTH | MAXIMUM COMPENSATION Per Month | GROUP BENEFIT COSTS Minimum to Maximum per Month |
|-------------------------------------|--------------------|----------------------------|--------------------------------|--------------------------------------------------|
| Alameda County Water District       | \$175.00           | 8                          | \$1,400.00                     | \$657.33 to \$2,175.13                           |
| Contra Costa Water District         | \$100.00           | 10                         | \$1,000.00                     | \$844.43 to \$2,189.49                           |
| Dublin San Ramon Services District  | \$146.00           | 10                         | \$1,460.00                     | ~\$591.00 to ~\$1,535.00                         |
| East Bay Municipal Utility District | *                  |                            | \$1,120.00                     | \$692.93 to \$1,931.41                           |
| Marin Municipal Water District      | \$174.00           | 10                         | \$1,740.00                     | \$610.44 to \$1,220.88                           |
| Santa Clara Valley Water District   | \$280.63           | 10                         | \$2,806.30                     | \$569.95 to \$1,771.64                           |
|                                     |                    |                            |                                |                                                  |
| <b>Mean</b>                         | <b>\$175.13</b>    | <b>9.6</b>                 | <b>1587.72</b>                 | <b>\$661.01 to \$1,803.93</b>                    |

\*Flat Rate

|               |                 |           |                   |              |
|---------------|-----------------|-----------|-------------------|--------------|
| <b>Zone 7</b> | <b>\$159.99</b> | <b>10</b> | <b>\$1,599.90</b> | <b>\$0**</b> |
|---------------|-----------------|-----------|-------------------|--------------|

\*\* No group benefits offered currently

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COMPENSATION AND BENEFIT SURVEY**

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| AGENCY                                     | GROUP BENEFITS                                                                                                                                                                                                                                                                                                                                                                                              | COMPENSATION                                                                                                                                                                                                                                                                                                                                                                                                                                                            | MAXIMUM COMPENSATION                                                                                                                                                                                                                                                                                                                                                                                                                               | BUSINESS EXPENSE REIMBURSEMENT                                                                                                         | LIMITATION AUTHORIZATIONS                                                                                                                                                                                                                                                                                                                                                                                                                     |
|--------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Alameda County Water District</b>       | Heath, Dental, Vision, Retirement<br><br>District pays full cost of health, dental and vision premiums.<br><br>Cost range from:<br>\$657.33 to \$2,175.13/month                                                                                                                                                                                                                                             | \$175.00 for each Board or Committee meeting attended, conferences, seminars, workshops tours, and other Board authorized meetings and activities.                                                                                                                                                                                                                                                                                                                      | Not to exceed 8 meetings per month; \$1,400.00 per month                                                                                                                                                                                                                                                                                                                                                                                           | Reimbursed for reasonable expenses (transportation, mileage, lodging, meals.) necessarily incurred while conducting District business. | Directors are reimbursed for any expenses incurred in the performance of his/her duties required or authorized by the Board.<br><br>All activities for which expense reimbursement is sought must be approved in advance by the Board.                                                                                                                                                                                                        |
| <b>Contra Costa Water District</b>         | Health, Dental, Vision, EAP, Life \$10,000.00 or \$100,000.00 with Evidence of Good Health, Retirement<br><br>District pays full cost of medical, dental, vision, EAP, and life premiums.<br><br>Cost range from:<br>\$844.43 to \$2,189.49/month                                                                                                                                                           | \$100.00/day for District activities, Board is compensated for service rendered as a Director at the request of the Board and for attendance at conferences (such as the semi-annual ACWA conferences) or for meetings with local government agencies, service organizations, or civil groups if:<br><ul style="list-style-type: none"> <li>Invited to deliver a speech</li> <li>Serve as a panel member or</li> <li>Board approves participation in advance</li> </ul> | Not to exceed \$1,000.00 per month.                                                                                                                                                                                                                                                                                                                                                                                                                | Reimbursed for reasonable expenses (transportation, mileage, lodging, meals) necessarily incurred while conducting District business.  | Travel must be authorized in advance by Board.                                                                                                                                                                                                                                                                                                                                                                                                |
| <b>Dublin San Ramon Services District</b>  | Health, Dental, Vision, AD&D, Life \$50,000.00<br><br>District pays full cost of dental, vision, AD&D, and life premiums.<br><br>Cost range for medical from:<br>~\$591.00 to ~\$1,535.00<br><br>Board members are allowed to participate in flexible District Benefits (Deferred Comp Program with 25% employer match up to \$10 per calendar month; Purchase additional life insurance at Employee Cost). | \$146.00 per meeting                                                                                                                                                                                                                                                                                                                                                                                                                                                    | Not to exceed a total of 10 meetings per month; \$1,460.00 per month                                                                                                                                                                                                                                                                                                                                                                               | Reimbursed for actual expenses for traveling to District related conferences, workshops and Board related business.                    | Approval by Board President for travel outside of 9 Bay Area counties. Mileage reimbursed outside 9 Bay Area counties.                                                                                                                                                                                                                                                                                                                        |
| <b>East Bay Municipal Utility District</b> | Health, dental, retirement, vision, 401(k)m 457 plans<br><br>Dental and Vision premium is paid in full by District; Health premium is paid in full by District for Director and family; Health premium is paid in full Director but depending on plan could pay 15% of premium for family.<br><br>Cost range from:<br>\$692.93 to \$1,931.41                                                                | \$1,120.00 per month – Salary (flat rate)                                                                                                                                                                                                                                                                                                                                                                                                                               | A Director must attend a minimum of three meetings per month (includes regular business meetings, standing committee meetings, special meetings, retirement board meetings, and closed session meetings). In the event a Director is assigned to attend less than 6 meetings of the Board in one month, he or she must attend a minimum of 50% of the assigned meetings. Board President may excuse a Director's absence from an assigned meeting. | Reimbursement for actual expenses that are incurred in the performance of duties authorized or requested by the Board                  | Salary not paid for any month in which minimum number of meetings are not attended, unless absence is excused by the Board President<br><br>President of the Board authorizes expenses. Advance approval is required to:<br><ul style="list-style-type: none"> <li>Attend conferences, seminars, or similar activities</li> <li>Travel to destinations in excess of 150 miles from District or for overnight lodging &gt; 1 night.</li> </ul> |

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COMPENSATION AND BENEFIT SURVEY**

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| AGENCY                                   | GROUP BENEFITS                                                                                                                                                                                                                                                                                                                                                                                                                                    | COMPENSATION                                                                                                                                       | MAXIMUM COMPENSATION                                                                                                                                                                   | BUSINESS EXPENSE REIMBURSEMENT                                                                                                   | LIMITATION AUTHORIZATIONS                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
|------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Marin Municipal Water District</b>    | <p>Health, Dental, No Vision, No Retirement</p> <p>District pays full cost of dental and health premiums. Board Members share cost of health plan premiums for family members. Dental cost is \$122.07/month.</p> <p>Cost range from:<br/>\$610.44 to \$1,220.88</p>                                                                                                                                                                              | \$174.00 per day of service                                                                                                                        | Not to exceed \$174.00 per day<br>Or<br>Compensation for more than 10 days of service in any calendar month: \$1,740 per month                                                         | Each Director is reimbursed for all reasonable Board authorized or requested expenses actually incurred in performance of duties | <p>Any Board member attending meetings, workshops, conferences, e.g. ACWA, at the request of the Board, are compensated for costs incurred.</p> <p>Authorization for travel and expense reimbursement shall be limited to conferences, meetings and other functions from which the District derives a specific benefit through attendance. Only that travel/attendance which serves a District purpose and is deemed necessary and/or advantageous to the District shall be approved and reimbursed.</p> <ul style="list-style-type: none"> <li>• Breakfast - \$12</li> <li>• Lunch - \$15</li> <li>• Dinner - \$25</li> </ul> <p>Elected or appointed officials may receive a meal allowance in excess of IRS regulations, but the meal allowance shall not exceed \$52 per day, which includes taxes and tips.</p> |
| <b>Santa Clara Valley Water District</b> | <p>Medical, Dental , Vision Care , EAP, Life Insurance (equal to one times their annual maximum meeting per diem), Travel Accident Insurance (while traveling on district business)</p> <p>Optional: Personal Accident Insurance, Deferred Compensation 457 Plan ( no district matching)</p> <p>Cost range from:<br/>\$569.95 to \$1,771.64/month</p> <p>15% cost sharing on monthly premium for medical only; dental and vision remains free</p> | \$280.63 for each Board or committee meeting attended, conferences, seminars, workshops, tours and other Board authorized meetings and activities. | Not to exceed 10 meetings per month; \$2,806.30 per month. If the 10 meetings are exceeded, Board members are reimbursed for transportation, meals or any reasonable related expenses. | Reimbursed for expenses incurred for conferences, travel, lodging and meals (reimbursement limit \$2,500).                       | Annual FY reimbursement limited to \$2,500 per Director, for services, activities or pursuits in office as provided in Board policy.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |

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| AGENCY        | GROUP BENEFITS | COMPENSATION                                                                                                                                                                                                                                                                                                               | MAXIMUM COMPENSATION                                      | BUSINESS EXPENSE REIMBURSEMENT                                                         | LIMITATION AUTHORIZATIONS                                                                                                                                                                                                                                                                |
|---------------|----------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------|----------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Zone 7</b> | None           | \$159.99 per day for each day's attendance at meetings of the Board, or for each day's attendance at regular, special and/or committee meetings of the Board and for each day's service eligible for compensation pursuant to Section B of the "Zone 7 Board of Directors' Compensation and Expense Reimbursement Policy." | Not to exceed 10 days in any month: \$1,599.90 per month. | Reimbursed for actual and necessary travel expenses in performance of agency business. | Transportation expenses within Bay Area counties limited to mileage, public transit fares, parking and bridge tolls unless Board specifically authorizes other.<br><br>Outside the Bay Area, if private vehicle is used, payment may not exceed the economy or coach round trip airfare. |

# Water Resources Committee

## Summary Notes

**Meeting Date:** April 8, 2014      **Start Time:** 4:00 p.m.  
**Directors Present:** John Greci      **Staff Present:** T. Rooze, M. Katen,  
Bill Stevens      K. Arends, J. Duerig  
**Directors Absent:** AJ Machaevich

Director Stevens called the meeting to order at 4:03 p.m.

### 1. Public Comment on Items Not on the Agenda

None.

### 2. 2014 Revised Water Quality Policy

Staff gave a presentation and answered questions from the committee.

#### Summary of Presentation

Staff summarized the history of the 2003 Water Quality Policy and the 2005 Joint Water Quality Resolution. Staff then recommended combining these policies into the 2014 Water Quality Policy because the projects identified in both of the previous policies have been addressed and the reporting requirements overlap. Therefore staff has been working with the staff representing all four retailers (including Pleasanton and DSRSD, signatories to the Joint Resolution) to combine the 2003 WQ Policy and the 2005 Joint Resolution into a new 2014 Water Quality Policy.

The revised policy includes the following:

- The four goals that are in the original Water Quality Policy are included in the revised policy except the fourth is now split into two.
- Staff will maintain dialog with its customers
- Zone 7 will conduct Water Quality Workshops every two years
- Zone 7 and the retailers will work on joint educational projects and materials
- Zone 7 and the retailers will maintain a joint operational workgroup

The revised policy was presented to the Tri-Valley Water Liaison Committee on March 26, 2014. Few comments were received. After today's meeting, staff proposes that it go the full Board on April 16.

#### Comments and Questions

The committee asked if Zone 7 is responsible for cleaning up salts in water delivered to untreated customers. Staff replied that the untreated customers understand that Zone 7 does not have much control over untreated water since the untreated customers receive their water directly from the SBA. Staff added that the policy for the untreated customers, which has not changed from the 2003 Water Quality Policy, indicates that Zone 7 will endeavor to support projects that improve the source water quality from the State Water Project, for example, supporting the BDCP or the temporary rock barriers project. David Lunn

commented that Zone 7's new Rules and Regulations Governing Untreated Water Service no longer includes any statements or commitments regarding delivered water quality.

The committee asked if Zone 7 is responsible for sampling the water from the South Bay Aqueduct. Staff indicated that DWR does sampling on our behalf.

The committee commented that Mr. Marchand, the current mayor of Livermore and a previous member of the Zone 7 Board, had concerns in the past that Zone 7's existing demineralization plant does not benefit customers who receive water directly from retailer wells.

Staff explained that the new Water Quality Policy is a milestone in collaboration. Historically there has been tension between east and west customers and special concern about unequal water quality being provided by Zone 7, but the collaboration and development of this new policy by staff from the retailers and Zone 7 suggests a significant step forward.

The committee asked if all the Tri-Valley retailers were involved with the Joint Water Quality policy. Staff answered that only DSRSD and Pleasanton were involved. Staff added that DSRSD and Pleasanton are also planning to go to their Boards to rescind the 2005 Joint Resolution.

The committee asked about the status of the projects that were originally proposed in the 2003 Water Quality Policy. Staff answered that most have been completed but that some have been deferred because of the economy, with the concurrence of the retailers.

The committee then discussed staff recommendation and agreed that the updated 2014 Water Quality Policy should be brought to the full board for its consideration at the April meeting.

### **3. Nutrient Management Plan**

Staff gave a presentation and answered questions from the committee.

#### Summary of Presentation

Staff began by summarizing the progress of the Salt (and Nutrient) Management Plan Update (SNMP) since the last meeting with the Water Resources Committee in January 2014. Staff is currently preparing a Nutrient Management Plan (NMP) which will be an amendment or appendix to the Salt Management Plan. The NMP will have both regionally based and local nitrate hotspots components. Staff indicated that during a meeting in March with the RWQCB, the RWQCB recognized that Zone 7 has a SMP which was approved and therefore grandfathered in under the terms of the Recycled Water Policy. However, RWQCB staff asked for assistance from Zone 7 with their Wastewater Discharge Permit reviews to assure non-degradation or improvement of the groundwater basin as concerns nitrate concentrations.

Staff recently sent out a meeting invitation to 200 residents as stakeholders that live in the vicinity of the nitrate hotspots. The three main hotspots are in the May School, Buena Vista and Greenville areas. These areas were defined by city boundaries, land use, areas of high nitrate concentrations previously noted in groundwater monitoring, and whether the area is sewered or not. The goals of the stakeholder meeting are to convey information about the nitrate hotspots, review existing policies, present recommendations for future septic permitting, and to solicit questions and feedback from the stakeholders who attend.

Staff proceeded to preview the stakeholder presentation, summarizing the extent of nitrate concerns in California and the Livermore Valley. Staff showed graphs of nitrate concentrations from wells in hotspot areas. These graphs show that the nitrate concentration in a representative well in the May School area is getting worse and nitrate concentrations in wells in the Buena Vista and Greenville have always been high and don't seem to be getting any better. High nitrate in the groundwater has also already impacted some domestic and municipal wells, is already too high for vineyard irrigation in some areas, and has interfered with permitting and development in the area.

Zone 7's current wastewater management practices follow the 1982 Wastewater Management Plan and the 2004 Salt Management Plan. As part of the SNMP update, staff calculated that the overall Main Basin concentration of nitrate is about 15 mg/L. Also, calculations indicate a net loss of nitrogen loading for both current and future conditions at about 35 tons of nitrogen per year.

Staff then outlined the proposed septic system requirements for the NMP. Regionally, Zone 7 shall continue to encourage Best Management Practices and existing wastewater management policies such as encouraging entities to connect to city sewers when and where available. For those properties in or near existing hotspots, staff proposes the following requirements:

- Existing dwelling with no new septic system required will be grandfathered (no new requirements).
- For an existing dwelling proposing a new septic system, an engineered system with at least 50% nitrogen removal will be required.
- For a new residential unit on less than 5 acres, an engineered system with at least 65% nitrogen removal will be required.
- For a new residential unit on greater than 5 acres, an engineered system with at least 50% nitrogen removal will be required.
- For new Commercial Use properties, self-contained systems are encouraged with records kept and regularly submitted indicating proper off-site disposal.
- For new Commercial Use properties proposing a new on-site wastewater treatment system, a hydrogeologic study will be required that shows that the proposed project will improve groundwater quality.

### Comments and Questions

The committee provided some feedback on the hotspot areas. Regarding the May School area, the committee commented that the houses in that area have been there for a long time so the nitrate contamination could be coming from historical build up. Staff concurred, adding that aging septic tanks could be failing. Regarding the Greenville area, the committee suggested that the chipper plant in that area may also be adding nitrates through vegetative degradation.

The committee asked about the effect of rainfall and water levels on nitrate concentrations in the hotspot areas. Staff replied that rainfall and water levels could definitely affect nitrate concentrations in groundwater.

The committee asked about the requirements for a one-acre parcel outside the area of concern. Staff indicated that existing septic rules would apply as the Best Management Practices. The committee also asked if wells would be required for the hydrogeologic studies. Staff indicated that that would indeed be the case.

The committee asked where the public should go to get information on engineered systems. Staff answered that septic tanks are permitted through the Alameda County Department of Environmental Health, which has information on their website on the costs and types of available engineered systems, as well as consultants who specialize in this area.

The committee asked about the depth of the wells that were shown in the nitrate map. Staff answered that the wells were all in the upper aquifer and were less than 100 feet deep. The committee recommended that staff specify that on map. Staff added that some members of the public have said they have wells in the hotspot, but their wells have low nitrate concentrations. Staff said that this is because their wells are in a deeper aquifer, often as much as 300 feet deep; however, that does not mean that their septic system will not impact other shallower, down-gradient wells.

Margaret Tracy asked if the large house just south of Buena Vista, which seems to get bigger and bigger, has applied for any septic permits. Staff indicated that there have been no requests for septic permitting forwarded from that property. Ms. Tracy also asked when residents have to reapply for permits. Staff indicated that permits are required for all new systems and the ACEH requires that owners of all engineered systems submit maintenance records.

Alfred Exner asked why differentiate between the 65% and 50% nitrogen removal systems, that is, why not just require a 65% or better system. Staff indicated that they will investigate that option; however the general concept is that there are more engineered systems available at the 50% nitrogen removal level. This could provide the owner with some economic relief if their project has less risk.

#### **4. Regional Reliability Partnership for Bay Area Water**

Staff described the genesis of the Bay Area Regional Reliability (BARR) Partnership, explaining that it was an outgrowth of the Bay Area Regional Desalination Project effort. BARR focuses on new interties to facilitate emergency transfers. A fact sheet that was prepared by the participating agencies (Contra Costa Water District, East Bay Municipal Utility District, San Francisco PUC, Santa Clara Valley Water District, Alameda County Water District and Zone 7). This fact sheet has been used in soliciting conceptual grant funding at both the state and federal level.

Associated with this effort, a set of Guiding Principles are under development to provide a framework for future discussions between the participating agencies. Staff recommend that the committee generally endorse the Principles and continue to work with the participating agencies to finalize and bring forward to respective boards, perhaps as early as May.

#### **Comments and Questions**

Committee members asked about some of the cost information and were directed to the fact sheet. For instance, the Transfer-Bethany pipeline is estimated at \$200 million dollars, a bit

higher than projected costs for Zone 7's participation in the BDCP. The EBMUD-Zone 7 intertie was described as further along in the concept development phase and estimated around \$25 million. This could be mutually beneficial for emergency transfers of potable water.

The Committee stated their support for bringing the Guiding Principles to the full Board when they are ready. Matt Morrison expressed concern with providing water outside the County, using Dougherty Valley as an example. He explained how the Dougherty Valley developers purchased banked water outside of the valley, and then asked if that water cannot be brought back to the Livermore Valley, was Zone 7 still obligated to provide them water? The Committee explained that in the case of Dougherty Valley, they also provided a water supply/allocation and that, yes, Zone 7 is obligated to provide the same reliability of supply to all Zone 7 customers.

The Committee applauded efforts to improve reliability through collaboration and encouraged staff to continue to pursue the BARR effort.

## **5. Verbal Reports**

None

## **6. Adjournment**

Meeting was adjourned at 5:23 p.m.

#### **4/16/14 Board Written/narrative Comments by Dick Quigley**

**March 22: Alameda County Science and Engineering Fair** - I was proud to serve as a judge, and I am pleased Zone 7 staff was judging special category projects. I viewed many water, energy and environmental projects and over 600 entries.

#### **March 23 - 24: Attended ACWA Region 5 Spring Educational Outreach Event in Watsonville and Aptos.**

The key messages carried by local water leaders included: online resources; 2014 California Drought, local impact; punitive rate roll out plans; water recycling and desalination projects and political will impacts; State Water Action Plan; and the 2014 Water Bond. Groundwater was a hot topic as the area is extremely dependent and they are deeply concerned with the Chrome 6 issue and current debate. They have some poster stories and experts. ACWA Region 5 is made up of 46 public water agencies in 10 California counties.

ACWA's mission is to assist its members in promoting the development, management and reasonable beneficial use of good quality water at the lowest practical cost in an environmentally balanced manner.

In fulfilling its role, ACWA identifies issues of concern to the water industry and the public it serves; accumulates and communicates the best available scientific and technical information to the public and policy makers; facilitates consensus building; develops reasonable goals and objectives for water resources management; advocates sound legislation; promotes local service agencies as the most efficient means of providing water service; provides additional services of value to its members; and fosters cooperation among all interest groups concerned with stewardship of the state's water resources.

#### **Region 5 - 10 Counties** (listed by population) 46 water agencies

|                 |               |
|-----------------|---------------|
| Santa Clara     | 1,837,504     |
| Alameda         | 1,554,720     |
| Contra Costa    | 1,079,597     |
| San Francisco   | 825,863       |
| San Mateo       | 739,311       |
| Santa Barbara   | 431,249       |
| Monterey        | 426,762       |
| San Luis Obispo | 274,804       |
| Santa Cruz      | 266,776       |
| San Beneto      | <u>56,884</u> |
|                 | 7,493,457     |

Forty people attended the Sunday afternoon walking tour of the Watsonville Relying/ Replenishment plant, and 70 attended Monday's three panel sessions.

I gave the following report to Jill Duerig:

The Region 5 event Sunday and Monday at Watsonville "Working Together in Dry Times- How the Santa Cruz Water Community is Collaborating for Solutions" was super! The Sunday afternoon tour of a new recycling plant was led by Mary Bannister, General Manager of Pajaro Valley Water Management Agency, followed by Steve Palmisano, Director of Public Works, City of Watsonville, speaking passionately about Chrome 6 issues and punitive rate roll out plans. He is the newest Region 5

member and deeply immersed in the Chrome 6 issue. I counted 39 people at the Sunday tour and more were at the evening networking session where Steve spoke.

Kathy Tiegs, ACWA Vice President from Cucamonga, teamed up with Tim Quinn for a debriefing of the DC conference, Statewide Water Action Plan (SWAP), State Legislature, and Water Bond. They were followed by three panels on: 1) Regional Interagency Collaboration; 2) Working Together as a Community; and 3) Current Drought Conditions & Coping led by Taj Dufour, Vice Chair of ACWA Drought Action Group and Soquel Creek Water District Chief Engineer.

I counted 70 in the room Monday! Punitive rate roll out was discussed and plans seem to be in place. Kim Adamson, new General Manager of Soquel Creek Water District, Piret Harmon, new General Manager of Scotts Valley Water District, and Rosemary Menard, new Water Director for the City of Santa Cruz, with my Region 5 board members, put on a great program with timely and relevant information. Steve Palmisano would be great for assistance and support on Chrome 6 issues with the Water Quality Committee.

I am proud to be a Region 5 ACWA board member representing Zone 7, and Region Chair for 2014-2015. The fall event will be in Livermore late September or mid-October and I encourage Zone 7 board and staff to get involved early.

In my absence at this April Board meeting, I am sharing the following two important items and ask Board and staff consideration:

- 1) ACWA's 2014 Spring Conference & Exhibition May 6-9 in Monterey entitled "RUNNING ON EMPTY-INVESTING TO MOVE THE NEEDLE" - find information at [www.acwa.com](http://www.acwa.com) or ask Jill. I highly recommend it!
- 2) Endorsement of Statewide Water Action Plan (SWAP) for November water bond. Currently over 100 water agencies have signed on including many of our neighbors. I ask that we list the issue of support on our June agenda for a staff presentation and board discussion/action. With zero allocation, and 80% dependency on imported water from the State Water Project (SWP), we need to be at the table. We have a dog in this fight. If we aren't at the table, we could find ourselves on the table.

### **March 27 – 28: Attended ACWA Board Meeting in Sacramento**

Sustainable Groundwater Management was the top discussion point, with the board voting to adopt ACWA 2014 Groundwater Sustainability Task Force Recommendations. These will be delivered soon to the governor and legislature. The Statewide Water Action Plan (SWAP) and November Water Bond are also high priority updates. Over 100 California water agencies have sent in board resolutions supporting SWAP, including many of our neighboring agencies. Zone 7 has not! Being over 80% dependent on SWP water, I recommend we place an agenda item on the June meeting calendar and have a staff presentation, board discussion and take action.

We received a Federal and State legislative update with many in agreement that unprecedented positive movement is occurring. There was significant interest on the Clean Water and Jobs for California movement ACWA is leading, and there was an update on the Drought Action Group activities.

**Please let me know if you have any questions or suggestions.**

**Thanks,**

**DQ**



## ALAMEDA COUNTY FLOOD CONTROL AND WATER CONSERVATION DISTRICT, ZONE 7

100 NORTH CANYONS PARKWAY, LIVERMORE, CA 94551 • PHONE (925) 454-5000 • FAX (925) 454-5727

**ORIGINATING SECTION:** ADMINISTRATION

**CONTACT:** Jill Duerig

**AGENDA DATE:** April 16, 2014

**ITEM NO. 18a**

**SUBJECT:** GENERAL MANAGER'S REPORT

**SUMMARY:** The following highlights a few of the key activities which occurred during March. Also attached is a list of the General Manager (GM) contract(s) executed during the month.

### Environmental & External Affairs:

- Since Zone 7's January 29<sup>th</sup> declaration of a local drought emergency, almost no conservation has been observed. Demands remained close to average for March (see Monthly Production graph, below).
- Members of the House Committee on Natural Resources held a field hearing in Fresno on March 19<sup>th</sup>. Members heard testimony from farmers who are following hundreds of thousands of acres as well as farmers who are letting almond trees die and local elected officials who are concerned about the associated unemployment that is anticipated this summer in farm counties.
- Congressmen Garamendi and LaMalfa are co-sponsoring legislation that would authorize a feasibility study and construction of Sites Reservoir. This reservoir has been planned as part of the SWP for a long time and, since it is 1.9 million acre feet of storage north of the Delta, would relieve demands on Oroville and enhance operational flexibility of the SWP.
- The storage in Lake del Valle had reached 39,600-acre feet (elevation 702.6 feet) by the end of March. The lake is expected to be full by April 15<sup>th</sup>, barring any interruptions
- Now that all the acorns have been planted along the top of bank on the Stanley Reach and nearly a quarter have already emerged, Living Arroyos is moving to its next phase which includes volunteer weeding to limit invasive species. Volunteer weeding days were held on March 1<sup>st</sup> and 15<sup>th</sup>. More information about future Volunteer Days or a new contest among high school students to create a logo can be found on the website, <http://livingarroyos.org/>.

### Finance & Administration:

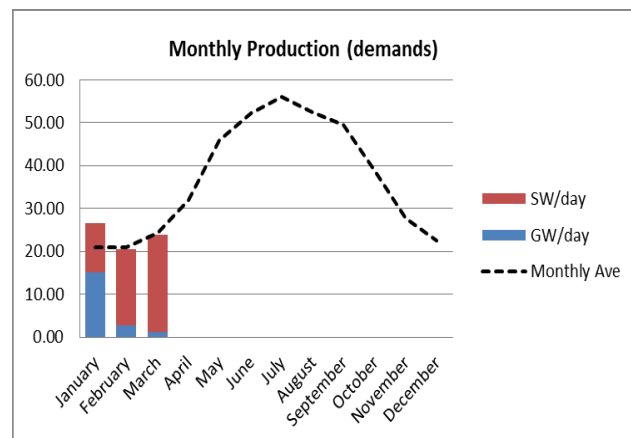
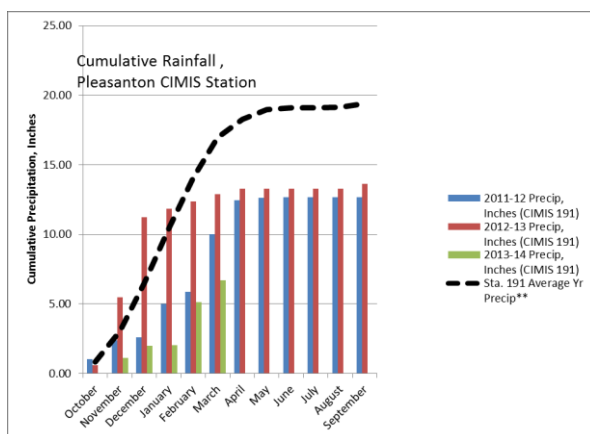
- Staff now have a seat on the Power and Water Resources Pooling Authority board. The voting share allotted to Zone 7 is 4% based on average energy use at the four facilities slated for PWRPA service.

## Engineering and Flood Control:

- The first phase of the Del Valle Superpulsator Rehabilitation Project is nearing completion, with pulsators #1 and #2 both passing performance tests with no issues. Both are now in service and performing as expected.
- Hanson's contractor returned to Lake I to repair the latest erosion that developed during the last series of storms this winter. This time they laid some fabric and installed additional fiber rolls in an attempt to prevent or minimize future erosion.
- With the new fiber optic connections for SCADA communications, use of the Doolan Tower is no longer needed. Staff are negotiating with the City of Livermore to assure removal of Zone 7's equipment and termination of the associated lease.

## Operations and Maintenance:

- During March, surface water treatment through the two conventional plants was maximized to preserve the groundwater basin for anticipated demands this summer. Ultra-Filtration remained offline. Treatment costs were high despite the marginal improvements in source water quality which resulted from the rains. Coagulation demand at the plants is high, which significantly increases costs for the coagulant, itself, as well as for the subsequent pH-adjustment to protect the distribution system and for the additional sludge handling that results.
- Powdered Activated Carbon (PAC) feed was initiated at both Patterson Pass Conventional and Del Valle - not for the traditional reduction of tastes and odors related to algae but instead to minimize production of Total Trihalomethanes (TTHMs). Thus far, PAC has proved somewhat effective. Additional tools for control of TTHMs are under investigation.
- Despite the recent rains, local precipitation for the month was still significantly below average for March and cumulative totals for the water year were just below 40% of average for this time in the water year.



## Monthly List of GM Contracts

CORRECTED

March 2014

### Contracts:

|                |          |                                      |
|----------------|----------|--------------------------------------|
| Advantel, Inc. | \$ 5,000 | Avaya Telephone Maintenance Services |
|----------------|----------|--------------------------------------|

|           |                                   |                                                          |
|-----------|-----------------------------------|----------------------------------------------------------|
| Lori Rose | <del>—5,000</del> <u>\$10,000</u> | Analysis of Current Finance<br>and Accounting Operations |
|-----------|-----------------------------------|----------------------------------------------------------|

|                            |                         |  |
|----------------------------|-------------------------|--|
| <b>Total February 2014</b> | <b>\$10<u>5</u>,000</b> |  |
|----------------------------|-------------------------|--|



## ALAMEDA COUNTY FLOOD CONTROL AND WATER CONSERVATION DISTRICT, ZONE 7

100 NORTH CANYONS PARKWAY • LIVERMORE, CA 94551 • PHONE (925) 454-5000 • FAX (925) 454-5727

ORIGINATING SECTION: ADMINISTRATIVE SERVICES  
CONTACT: TOM PICO

AGENDA DATE: April 16, 2014

ITEM NO. **18b**

SUBJECT: Communications Outreach Activities

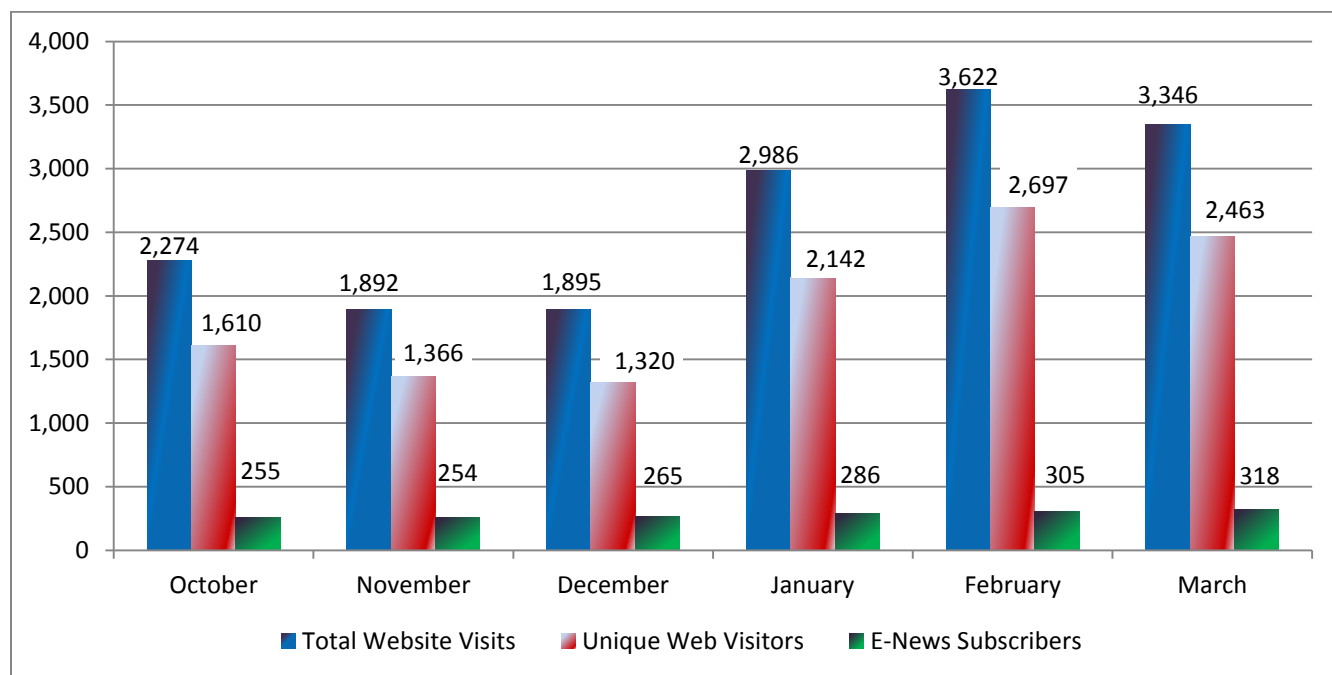
### **E-Newsletters, March 6<sup>th</sup> and March 27<sup>th</sup>**

Both e-newsletters addressed the continuing drought emergency. The March 6<sup>th</sup> e-newsletter had an article reminding readers to turn off their sprinklers when changing their clocks for daylight savings, and providing other conservation tips. The March 27<sup>th</sup> e-newsletter covered the drought-related suspension of artificial stream releases, noting that while Zone 7 normally releases some State Water Project supplies down local arroyos to help replenish the local groundwater basin, there isn't enough available supply this year.

### **Alameda County Science & Engineering Fair, March 22**

Staff again served as Special Awards judges of water-related projects during the Alameda County Science and Engineering Fair held at the county fairgrounds in Pleasanton. Zone 7's judges evaluated only those projects that were submitted by students within Zone 7's service area. They selected one middle school project and two high school projects. The students are being invited to make presentations on their projects at Zone 7's May Board meeting as part of Water Awareness Month.

### **Website & E-news Subscription Activity**





## ALAMEDA COUNTY FLOOD CONTROL AND WATER CONSERVATION DISTRICT, ZONE 7

100 NORTH CANYONS PARKWAY • LIVERMORE, CA 94551 • PHONE (925) 454-5000 • FAX (925) 454-5727

**ORIGINATING SECTION: ADMINISTRATIVE SERVICES**  
**CONTACT: TOM PICO**

**AGENDA DATE:** April 16, 2014

**ITEM NO.** 18c

**SUBJECT:** Legislative Update

### **SUMMARY:**

- Zone 7 staff, with the support of Agency consultants, monitors legislation that is being considered in Sacramento, as well as other political activities of interest to the Agency.
- The numerous proposals to rewrite the water bond measure on the November ballot received a big boost in March when the Public Policy Institute of California released its annual March poll. The results showed that 75 percent of those polled believed that water supply was an issue in their area. Polling for the \$11.14 billion bond was positive (50 percent favored among likely voters versus 42 percent last March). The number of respondents who said passing a water bond was important has climbed 13 percent in the last year.
- Two bills to rewrite the \$11.14 bond on the November ballot have moved ahead in the Senate. Lois Wolk's SB 848 has cleared both the Natural Resources and Water and the Environmental Quality committees. Assemblyman Anthony Rendon's AB 1331 passed the Natural Resources and Water Committee on a 7-2 vote after it was amended several times. Rendon promised to fight to remove specific allocations to regional conservancies that the committee added. His bond would total \$8 billion including \$2.5 billion for storage, while SB 848 totals \$6.8 billion, of which \$1 billion is dedicated to storage.
- Congressmen John Garamendi (D-Walnut Grove) and Doug LaMalfa (R-Richvale) introduced legislation in the House that would authorize a feasibility study and construction of the proposed Sites Reservoir near Maxwell. The dam would be off-stream and served by pumps similar to San Luis Reservoir. The bill includes no funding for construction.
- Zone 7 joined more than 40 business groups and water agencies signing a letter opposing Assemblyman Jim Frazier's (D-Oakley) AB 1671 that would require Legislative approval for construction of any conveyance in the Delta. It was set to be heard April 8 in the Assembly Water, Parks and Wildlife Committee.
- A number of Governor Brown's budget change proposals moved forward in budget subcommittees in both houses. The changes are designed to implement the governor's five-year Water Action Plan that was finalized last winter.
- The state also is moving ahead rapidly with a program to monitor and potentially regulate groundwater pumping either regionally or at the state level. The program will be targeted at basins that are over-drafted.

**RECOMMENDED ACTION:** Information only



## EXECUTIVE SUMMARY State Legislation



Prepared for the Zone 7 Water Agency, Eastern Alameda County  
by The Gualco Group, Inc.

April 16, 2014

| Bill | Topic | Synopsis | Staff Recommendation | Status of the Bill/Comments as of 04/01/2014 |
|------|-------|----------|----------------------|----------------------------------------------|
|------|-------|----------|----------------------|----------------------------------------------|

### Water Bond

[AB 1331](#)  
[\(Rendon\)](#)

Clean and Safe Drinking Water  
Act of 2014

This bill would enact the Clean, Safe and Reliable Drinking Water Act of 2014, which, if adopted by the voters, would authorize the issuance of bonds in the amount of \$8,000,000,000 pursuant to the State General Obligation Bond Law to finance a clean, safe and reliable drinking water program. This bill would provide for the submission of the bond act to the voters at the November 4, 2014, statewide general election.

Watch

Senate  
Committee on  
Environmental  
Quality

[AB 1445](#)  
[\(Logue\)](#)

California Water Infrastructure  
Act of 2014

This bill would enact the California Water Infrastructure Act of 2014, which, if adopted by the voters, would authorize the issuance of bonds in the amount of \$5,800,000,000 pursuant to the State General Obligation Bond Law to finance public benefits associated with water storage projects and water quality improvement projects. This bill would provide for the submission of this bond act to the voters at the November 4, 2014, statewide general election.

Watch

Assembly  
Committee on  
Water, Parks  
and Wildlife

| Bill                              | Topic                                                                | Synopsis                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | Staff Recommendation | Status of the Bill/Comments as of 04/01/2014    |
|-----------------------------------|----------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------|-------------------------------------------------|
| <a href="#">AB 2043 (Bigelow)</a> | Safe, Clean, and Reliable Drinking Water Supply Act of 2014          | This bill would enact the Safe, Clean, and Reliable Drinking Water Supply Act of 2014, which, if adopted by the voters, would authorize the issuance of bonds in the amount of \$7,935,000,000 pursuant to the State General Obligation Bond Law to finance a safe drinking water and water supply reliability program. This bill would provide for the submission of the bond act to the voters at the November 4, 2014, statewide general election.                                                                                                                                                                                             | Watch                | Assembly Committee on Water, Parks and Wildlife |
| <a href="#">AB 2686 (Perea)</a>   | Clean, Safe, and Reliable Water Supply Act of 2014                   | This bill would enact the Clean, Safe, and Reliable Water Supply Act of 2014, which, if adopted by the voters, would authorize the issuance of bonds in an unspecified amount pursuant to the State General Obligation Bond Law to finance a clean, safe, and reliable water supply program. This bill would provide for the submission of the bond act to the voters at the November 4, 2014, statewide general election.                                                                                                                                                                                                                        | Watch                | Assembly Committee on Water, Parks and Wildlife |
| <a href="#">SB 848 (Wolk)</a>     | Safe Drinking Water, Water Quality, and Flood Protection Act of 2014 | This bill would enact the Safe Drinking Water, Water Quality, and Flood Protection Act of 2014, which, if adopted by the voters, would authorize the issuance of bonds in the amount of \$6,825,000,000 pursuant to the State General Obligation Bond Law to finance a safe drinking water, water quality, and flood protection program. The bill would provide for the submission of the bond act to the voters at the November 4, 2014, statewide general election.                                                                                                                                                                             | Watch                | Senate Committee on Appropriations              |
| <a href="#">SB 927 (Cannella)</a> | Safe, Clean, and Reliable Drinking Water Supply Act of 2014          | This bill would rename the bond act as the Safe, Clean, and Reliable Drinking Water Supply Act of 2014. The bill would instead authorize the issuance of bonds in the amount of \$9,217,000,000 by reducing the amount available for specific, named projects related to drought relief and water supply reliability. The bill would remove the authorization for funds to be available for ecosystem and watershed protection and restoration projects, and would increase the amount of funds available for emergency and urgent actions to ensure safe drinking water supplies in disadvantaged communities and economically distressed areas. | Watch                | Senate Committee on Natural Resources and Water |

| Bill | Topic | Synopsis | Staff Recommendation | Status of the Bill/Comments as of 04/01/2014 |
|------|-------|----------|----------------------|----------------------------------------------|
|------|-------|----------|----------------------|----------------------------------------------|

|                                    |                                                             |                                                                                                                                                                                                                                                                        |       |                                                 |
|------------------------------------|-------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|-------------------------------------------------|
| <a href="#">SB 1080 (Fuller)</a>   | Safe, Clean, and Reliable Drinking Water Supply Act of 2012 | This bill would declare the intent of the Legislature to enact legislation to reduce the \$11,140,000,000 bond.                                                                                                                                                        | Watch | Senate Committee on Rules                       |
| <a href="#">SB 1250 (Hueso)</a>    | Safe, Clean, and Reliable Drinking Water Supply Act of 2012 | This bill would declare the intent of the Legislature to enact legislation that would amend the act for the purpose of reducing the bond.                                                                                                                              | Watch | Senate Committee on Rules                       |
| <a href="#">SB 1370 (Galgiani)</a> | Reliable Water Supply Bond Act of 2014                      | This bill would enact the Reliable Water Supply Bond Act of 2014, which, if adopted by the voters, would authorize the issuance of bonds in the amount of \$6,260,000,000 pursuant to the State General Obligation Bond Law to finance surface water storage projects. | Watch | Senate Committee on Natural Resources and Water |

#### Special Taxes: Voter Approval

|                                     |                                                                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |         |                                            |
|-------------------------------------|-----------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------|--------------------------------------------|
| <a href="#">ACA 8 (Blumenfield)</a> | Local government financing: voter approval                            | This bill would create an additional exception to the 1% tax rate limit of the full cash value on real property for a rate imposed by a city, county, city and county, or special district, as defined, to service bonded indebtedness incurred to fund specified public improvements and facilities, or buildings used primarily to provide sheriff, police, or fire protection services, that is approved by 55% of the voters of the city, county, city and county, or special district, as applicable. | Support | Senate Committee on Governance and Finance |
| <a href="#">SCA 9 (Corbett)</a>     | Local government: economic development: special taxes: voter approval | This measure would provide that the imposition, extension or increase of a special tax by a local government for the purpose of providing funding for community and economic development projects requires the approval of 55% of its voters voting on the proposition.                                                                                                                                                                                                                                    | Watch   | Senate Committee on Appropriations         |

| Bill | Topic | Synopsis | Staff Recommendation | Status of the Bill/Comments as of 04/01/2014 |
|------|-------|----------|----------------------|----------------------------------------------|
|------|-------|----------|----------------------|----------------------------------------------|

[SCA 11](#)  
[\(Hancock\)](#)

Local government: special taxes: voter approval

The California Constitution conditions the imposition of a special tax by a local government upon the approval of 2/3 of the voters of the local government voting on that tax, and prohibits a local government from imposing an ad valorem tax on real property or a transactions tax or sales tax on the sale of real property. This measure would instead condition the imposition, extension, or increase of a special tax by a local government upon the approval of 55% of the voters voting on the proposition.

Watch

Senate Committee on Appropriations

### Drinking Water

[AB 1674](#)  
[\(Bigelow\)](#)

Vended Water

Current law requires water-vending machines to be designed to reduce or remove turbidity, off-tastes, and odors, to provide disinfection treatment, and to use processes for dissolved solids reduction or removal. This bill would exempt a water-vending machine from the requirements described above if the drinking water vended by the machine derives from a groundwater basin that does not exceed the maximum contaminant levels

Watch

Assembly Committee on Environmental Safety and Toxic Materials

### Integrated Regional Water Management

[AB 1249](#)  
[\(Salas\)](#)

Integrated regional water management plans: nitrate contamination

This bill would require an integrated regional water management plan to include an explanation of how the plan addresses nitrate contamination, or an explanation of why the plan does not address nitrate contamination, if an area within the boundaries of the plan has been identified as a nitrate high-risk area by the State Water Resources Control Board.

Watch

Senate Committee on Environmental Quality

[AB 1731](#)  
[\(Perea\)](#)

Integrated regional water management plans: funding: disadvantaged communities

This bill would require in each integrated regional water management region that a least 10% of any funding for integrated regional water management planning purposes be used to facilitate and support the participation of disadvantaged communities in integrated regional water management planning and for projects that address critical water supply or water quality needs for disadvantaged communities.

Watch

Senate Committee on Rules

| Bill                               | Topic                                               | Synopsis                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | Staff Recommendation | Status of the Bill/Comments as of 04/01/2014     |
|------------------------------------|-----------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------|--------------------------------------------------|
| <a href="#">AB 1874 (Gonzalez)</a> | Integrated regional water management plans: funding | This bill would require the Department of Water Resources to develop a streamlined application process for certain regional water management groups. The bill would require, in order to receive integrated regional water management funds through this streamlined application process, the specified regional water management group to file with the department a streamlined application form that includes information relating to projects to be funded by integrated regional water management grant funds. | Watch                | Assembly Committee on Water, Parks and Wildlife  |
| <a href="#">SB 1049 (Pavley)</a>   | Integrated regional water management plans          | This bill would specifically include projects or programs that reduce energy used to acquire, transport, treat, or distribute water, as a regional project or program. The bill would require a regional water management group to include all water suppliers that are within the watershed area, the area over a groundwater basin or subbasin, or the area within a county's boundaries.                                                                                                                         | Watch                | Senate Committee on Natural Resources and Water  |
| <b>Conservation Planning</b>       |                                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                      |                                                  |
| <a href="#">AB 1514 (Gonzalez)</a> | Natural community conservation planning agreements  | The bill would also require an agreement to implement a natural community conservation plan to identify all lands within the planning area that are classified by the State Geologist as containing mineral deposits of regional or statewide significance. The bill would require the agreement, if classified mineral resources are found to exist on lands within the planning area, to include participation by the State Geologist, as specified.                                                              | Watch                | Assembly Committee on Water, Parks, and Wildlife |
| <b>Climate Change</b>              |                                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                      |                                                  |
| <a href="#">AB 2348 (Stone)</a>    | Natural Resources Climate Improvement Program       | This bill would establish the Natural Resources Climate Improvement Program to assist in the development and implementation of highly-leveraged, regionally integrated natural resources projects that maximize greenhouse gas emissions reductions or sequestration.                                                                                                                                                                                                                                               | Watch                | Assembly Committee on Natural Resources          |

| Bill                                        | Topic                                                 | Synopsis                                                                                                                                                                                                                                                                                                | Staff Recommendation | Status of the Bill/Comments as of 04/01/2014    |
|---------------------------------------------|-------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------|-------------------------------------------------|
| <a href="#">SB 1268 (Beall)</a>             | Natural Resources Climate Improvement Program         | This bill would establish the Natural Resources Climate Improvement Program to assist in the development and implementation of highly-leveraged, regionally integrated natural resources projects that maximize greenhouse gas emissions reductions or sequestration.                                   | Watch                | Senate Committee on Natural Resources and Water |
| <b>Invasive Weeds</b>                       |                                                       |                                                                                                                                                                                                                                                                                                         |                      |                                                 |
| <a href="#">AB 2402 (Buchanan)</a>          | Noxious weed management                               | This bill would appropriate \$2,500,000 from the General Fund to the Noxious Weed Management Account in the Department of Food and Agriculture Fund to be expended for which a percentage of funds allocated for research may be used to include mapping, risk assessment, and prioritization of weeds. | Watch                | Assembly Committee on Agriculture               |
| <b>Bay Delta Conservation Plan ("BDCP")</b> |                                                       |                                                                                                                                                                                                                                                                                                         |                      |                                                 |
| <a href="#">AB 1671 (Frazier)</a>           | Sacramento-San Joaquin Delta: water conveyance system | This bill would prohibit the Department of Water Resources from constructing water facilities as part of a specified water conveyance system unless specifically authorized by the Legislature.                                                                                                         | Oppose               | Assembly Committee on Water, Parks and Wildlife |
| <a href="#">AB 2463 (Dickinson)</a>         | Delta plan: Bay Delta Conservation Plan: hearings     | This bill would require the Delta Stewardship Council to have at least 5 public hearings concerning the incorporation of the Bay Delta Conservation Plan into the Delta Plan if the Department of Fish and Wildlife approves the Bay Delta Conservation Plan as a natural community conservation plan.  | Watch                | Assembly Committee on Water, Parks and Wildlife |
| <b>Stormwater</b>                           |                                                       |                                                                                                                                                                                                                                                                                                         |                      |                                                 |
| <a href="#">SB 985 (Pavley)</a>             | Stormwater resource planning                          | This bill would require a stormwater resource plan to identify opportunities to use existing publicly owned lands to capture and reuse stormwater.                                                                                                                                                      | Watch                | Senate Committee on Environmental Quality       |

| Bill | Topic | Synopsis | Staff Recommendation | Status of the Bill/Comments as of 04/01/2014 |
|------|-------|----------|----------------------|----------------------------------------------|
|------|-------|----------|----------------------|----------------------------------------------|

### Water Conservation

|                                    |                                                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |       |                                      |
|------------------------------------|----------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|--------------------------------------|
| <a href="#">AB 2104 (Gonzalez)</a> | Common interest developments: water-efficient landscapes | Existing law requires a local agency to adopt a specified updated model ordinance regarding water-efficient landscapes or a water-efficient landscape ordinance that is at least as effective in conserving water as the updated model ordinance. This bill would provide that, with respect to the above-described provisions, governing documents include architectural or landscaping guidelines or policies and decisions by the board of directors applicable to a specific homeowner. | Watch | Assembly Floor                       |
| <a href="#">AB 2636 (Gatto)</a>    | CalConserve Water Use Efficiency Revolving Fund          | This bill would establish the CalConserve Water Use Efficiency Revolving Fund. This bill would require moneys in the fund to be used for purposes that include, but are not limited to, at-or-below market interest rate loans and would permit the department to enter into agreements with local governments or investor-owned utilities that provide water or recycled water service to provide loans.                                                                                   | Watch | Assembly Committee on Appropriations |

### Water Management

|                                  |                                                                                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |       |                                            |
|----------------------------------|--------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|--------------------------------------------|
| <a href="#">AB 2067 (Weber)</a>  | Urban water management plans                                                               | The bill would require an urban retail water supplier and an urban wholesale water supplier to provide narratives describing the supplier's water demand management measures, as provided. The bill would require, for urban retail water suppliers, the narrative to address the nature and extent of each water demand management measure implemented over the past 5 years and describe the water demand management measures that the supplier plans to implement to achieve its water use targets. | Watch | Assembly Committee on Appropriations       |
| <a href="#">SB 936 (Monning)</a> | Monterey Peninsula Water Management District: financing orders and water rate relief bonds | This bill would authorize the Monterey Peninsula Water Management District to issue water rate relief bonds if the Public Utilities Commission finds that the bonds will provide savings to water customers on the Monterey Peninsula.                                                                                                                                                                                                                                                                 | Watch | Senate Committee on Governance and Finance |

| Bill | Topic | Synopsis | Staff Recommendation | Status of the Bill/Comments as of 04/01/2014 |
|------|-------|----------|----------------------|----------------------------------------------|
|------|-------|----------|----------------------|----------------------------------------------|

|                                  |                                                |                                                                                                                                                                                                                                                                                                                   |       |                                                 |
|----------------------------------|------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|-------------------------------------------------|
| <a href="#">SB 1036 (Pavley)</a> | Urban water management plans                   | This bill would authorize an urban water supplier to include within an urban water management plan certain energy-related information, including, but not limited to, an estimate of the amount of energy used to extract or divert water supplies.                                                               | Watch | Senate Committee on Natural Resources and Water |
| <a href="#">SB 1420 (Wolk)</a>   | Water management: urban water management plans | This bill would require an urban water management plan to quantify and report on distribution system water loss. The bill would authorize water use projections to display and account for the water savings estimated to result from adopted codes, standards, ordinance, and transportation and land use plans. | Watch | Senate Committee on Natural Resources and Water |

### Water Rights

|                                 |                                                                                            |                                                                                                                                                                                                                                                |       |                                                 |
|---------------------------------|--------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|-------------------------------------------------|
| <a href="#">AB 1905 (Alejo)</a> | Water rights: appropriation: small domestic, small irrigation, and livestock stockpond use | This bill would permit a small domestic use registration and a livestock stockpond use registration to be in effect for the same facility if the total combined water use covered by the registrations does not exceed 10 acre-feet per annum. | Watch | Assembly Committee on Water, Parks and Wildlife |
|---------------------------------|--------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|-------------------------------------------------|

### Groundwater

|                                     |                                                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |       |                                                 |
|-------------------------------------|---------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|-------------------------------------------------|
| <a href="#">AB 1739 (Dickinson)</a> | Groundwater basin management: sustainability            | This bill would require the State Water Resources Control Board, in consultation with the Department of Water Resources, to develop thresholds for the sustainable management of the priority groundwater basins.                                                                                                                                                                                                                                                                                                               | Watch | Assembly Committee on Water, Parks and Wildlife |
| <a href="#">AB 2189 (Garcia)</a>    | Water replenishment districts: replenishment assessment | The bill would require the governing board of each district to make the specified findings and determinations before holding the public hearing and would require the board to give written notice by mail to operators of water-producing facilities within the district that would be subject to the proposed replenishment assessment, as specified. The bill would require the replenishment assessment be based upon the proportion of the costs actually incurred by the assessed operator of a water-producing facility. | Watch | Assembly Committee on Local Government          |

| Bill | Topic | Synopsis | Staff Recommendation | Status of the Bill/Comments as of 04/01/2014 |
|------|-------|----------|----------------------|----------------------------------------------|
|------|-------|----------|----------------------|----------------------------------------------|

[SB 1168](#)  
[\(Pavley\)](#)

Groundwater management plans

This bill would require a local agency to determine sustainable yield for a groundwater basin in coordination with other applicable local agencies whose service areas overlie the groundwater basin.

Watch

Senate Committee on Natural Resources and Water

## CEQA

[AB 2417](#)  
[\(Nazarian\)](#)

California Environmental Quality Act: exemption: recycled water pipelines

This bill would exempt from CEQA a project for the construction and installation of a new pipeline or the maintenance, repair, restoration, reconditioning, relocation, replacement, removal, or demolition of an existing pipeline, not exceeding 8 miles in length, for the distribution of recycled water within a public street, highway, or right-of-way and would require the lead agency to undertake specified activities, including the filing of a notice of exemption for the project with the Office of Planning and Research and the office of the county clerk of each county in which the project is located.

Watch

Assembly Committee on Natural Resources

## Water Quality

[AB 1707](#)  
[\(Wilk\)](#)

Water quality: scientific peer review

Under existing law, a proposed rule is defined to include, among other things, a policy adopted by the State Water Resources Control Board that has the effect of a regulation and that is adopted in order to implement or make effective a statute. This bill would add the adoption of a total maximum daily load to the definition of "rule" for the purposes of the above provisions.

Watch

Assembly Committee on Environmental Safety and Toxic Materials



ALAMEDA COUNTY FLOOD CONTROL AND WATER CONSERVATION DISTRICT, ZONE 7

100 NORTH CANYONS PARKWAY • LIVERMORE, CA 94551 • PHONE (925) 454-5000 • FAX (925) 454-5727

**ORIGINATING DIVISION: ADMINISTRATIVE SERVICES**

**CONTACT PERSON: JAVIA GREEN**

**AGENDA DATE:** April 16, 2014

**ITEM NO. 18d**

**SUBJECT: Monthly Budget Report**

**SUMMARY:**

The new financial software system (New World) was implemented on July 1, 2013. New World allows us to provide monthly updates on both revenue and expenses. This report provides a summary of budget performance and an explanation of any major variances. The following bullet points provide explanations and additional details to assist in reading this report:

- For all the funds except for Fund 100, expenses currently exceed revenue. This is due to the timing difference of revenues and expenses. For example, Fund 110 - State Water Project receives the bulk of property tax revenue in November and April, while the majority of payments to the Department of Water Resources (DWR) are processed monthly.
- Year-to-date (YTD) payroll expenses for all funds are reported through the pay period ending 3/14/14. This represents eight and a half months of expenses or approximately 70% of the fiscal year. Payroll costs are not automatically captured by New World, causing timing differences in the posting of payroll charges. Instead, labor is imported from two separate systems: the County's financial system (Alcolink) and Zone 7's cost system. Zone 7 must depend on the County's system until separation.
- The capital project funds are Funds 120, 130 and 210. On the attached Annual Budget by Account Classification Report, please note that the budgets for the capital project funds are reported in just a few accounts. Actual project expenses are reported in the appropriate account, resulting in the appearance that expenses exceed the budget. Therefore, it is important to focus on the expenditure totals, which show that expenses are within budget.
- The attached Annual Budget by Account Classification report provides the FY 12/13 Budget for comparison purposes. FY 12/13 Actuals are not included in this report because the data is not available in the new financial system. The FY 13/14 Budget shown is the adopted budget plus any transfers, carryovers and additional appropriations.
- For this report, use of reserves has been removed from the FY 13/14 revenue budget amount to better display actual revenue variances.
- The period of July 1, 2013 through March 31, 2014 is approximately 75% of the fiscal year or nine months. By March, we typically expect anywhere between 60% - 65% of the budget has been used, representing about eight months of expenses, and not nine months. This is

because services rendered/goods purchased in March would typically be paid for in April. Other variations are due to the as-needed and seasonal nature of expenses. While these percentages may vary by fund, it's worth noting that agency-wide 65% of revenue has been received and 58% of the budget has been spent.

- The information in the following tables summarizes, by fund, the attached Annual Budget by Account Classification Report (produced in New World) and includes FY audited actuals from the former financial system (Fundware).

**Water Enterprise Fund – Fund 100 (formerly Fund 52)**

| <i>Category</i> | <i>12/13 Audited Actual</i> | <i>13/14 Budget</i> | <i>13/14 YTD Actual</i> | <i>% Used/Received</i> |
|-----------------|-----------------------------|---------------------|-------------------------|------------------------|
| Revenue         | \$ 39,469,514               | \$ 37,884,745       | \$ 26,028,002           | 69%                    |
| Expenses        | \$ 35,262,653               | \$ 42,779,364       | \$ 23,914,577           | 56%                    |

This fund provides financing for the acquisition and conveyance of raw water, treatment and delivery to the Zone 7 service area. The primary source of revenue for this fund is water sales. Water sales revenue totals \$25.4M, which is 67% of the budget for the entire fiscal year. This includes the sale of 26,587 acre feet of treated water through February. February sales were about 30% less than January, possibly due to conservation and/or much-needed rainfall that month. Lower water sales revenue as a result of the drought is anticipated to continue. March water sales revenue is not reported because the meter reading data that generates the monthly water billing was not available at the time of this report. Revenue also includes \$0.3M from the State of California Prop 84 Water Conservation Grant and refunds from DWR. Zone 7 does not budget for grant revenue because grant funding is not always guaranteed. Refunds from DWR are from prior-year adjustments that are unknown at the time of budget development.

Water production expenses, such as chemicals, are under budget because Zone 7 produced more groundwater than surface water during the first half of the fiscal year. In February 2014, Zone 7 recovered 1,500 acre-feet of water from Semitropic and began producing more surface water in an effort to preserve groundwater supplies. Chemicals and imported water expenses will increase due to this switch in operations. Expenses such as other services/supplies and training are under budget in an effort to reduce discretionary spending, which is very prudent given the potential revenue losses due to the drought. Maintenance and professional services are lower because of their as-needed/seasonal nature.

**State Water Facilities Fund – Fund 110 (formerly Fund 51)**

| <i>Category</i> | <i>12/13 Audited Actual</i> | <i>13/14 Budget</i> | <i>13/14 YTD Actual</i> | <i>% Used/Received</i> |
|-----------------|-----------------------------|---------------------|-------------------------|------------------------|
| Revenue         | \$ 12,040,842               | \$ 13,798,385       | \$ 7,607,375            | 55%                    |
| Expenses        | \$ 14,002,380               | \$ 14,118,181       | \$ 13,688,398           | 97%                    |

This is a pass-through fund for fixed charges associated with the State Water Project, assessed as a property tax override. The first installment of property tax revenue has been posted, representing 50% of the budget for the entire fiscal year. The second property tax installment is expected by April 2014. YTD revenue also includes a \$0.8M refund from DWR and \$1.2M for the Dougherty Valley Surcharge.

YTD expenses reflect payments to DWR for fixed costs (capital and O&M), including, the second installment of the South Bay Aqueduct (SBA) Improvement and Enlargement debt payment. The rest of the year's expenses will include payments that are made monthly (approximately \$644K), offset by transfers of \$780K from Fund 130, leaving about 1% of the budget unspent.

**Water Renewal/Replacement & System-wide Improvements – Fund 120 (formerly Fund 72)**

| <i>Category</i> | <i>12/13 Audited Actual</i> | <i>13/14 Budget</i> | <i>13/14 YTD Actual</i> | <i>% Used/Received</i> |
|-----------------|-----------------------------|---------------------|-------------------------|------------------------|
| Revenue         | \$ 7,347,879                | \$ 8,831,962        | \$ 4,587,364            | 52%                    |
| Expenses        | \$ 4,100,242                | \$ 25,874,419       | \$ 9,298,115            | 36%                    |

This fund pays for capital projects addressing the replacement and improvement of the current water treatment and delivery system. The primary source of funding is a transfer from Fund 100 – Water Enterprise. YTD revenue includes Dougherty Valley Facility Use Fees and the quarterly transfers from Fund 100.

Expenses reflect capital project activities, including the DVWTP Sludge Handling, Superpulsator Rehabilitation and Chemical System Improvement projects, Well Repairs, and the Groundwater Salt /Nutrient Management Plan update. Other expenses include planning for capital projects that will occur this spring/summer (including the drought emergency projects); the North Canyons lease payment, laboratory equipment and watershed investments.

**Water Expansion – Fund 130 (formerly Fund 73)**

| <i>Category</i> | <i>12/13 Audited Actual</i> | <i>13/14 Budget</i> | <i>13/14 YTD Actual</i> | <i>% Used/Received</i> |
|-----------------|-----------------------------|---------------------|-------------------------|------------------------|
| Revenue         | \$ 29,176,830               | \$ 20,948,165       | \$ 14,672,785           | 70%                    |
| Expenses        | \$ 18,814,437               | \$ 26,715,618       | \$ 18,193,225           | 68%                    |

This fund is intended to provide funding for new facilities and supplies to meet the demands of new development. The primary source of revenue is connection fees. Connection fee revenue is favorable, indicating a continued recovery in development that started in 2013. \$13.4M in connection fee revenue has been received, representing 73% of the budget for the entire fiscal year. A total of 186 connection fee credits have been used totaling \$4.4M, while 484 credits remain outstanding, valued at \$11.6M at the 2014 connection fee level (see Chart 1 attached). Other revenue includes refunds from DWR and interest earnings.

Expenses reflect payments to DWR, the North Canyons lease payment, interest on the ISA, watershed investments, and the SBA Improvement & Enlargement and Cawelo debt payments. Increased drought emergency project expenses are anticipated in the coming months.

**Flood Protection Operations – Fund 200 (formerly Fund 50)**

| <i>Category</i> | <i>12/13 Audited Actual</i> | <i>13/14 Budget</i> | <i>13/14 YTD Actual</i> | <i>% Used/Received</i> |
|-----------------|-----------------------------|---------------------|-------------------------|------------------------|
| Revenue         | \$ 6,151,496                | \$ 6,200,347        | \$ 3,478,442            | 56%                    |
| Expenses        | \$ 5,355,914                | \$ 25,948,108       | \$ 13,476,626           | 52%                    |

This fund provides funding for general administration and the maintenance and improvement of the existing flood protection system. The primary source of revenue is property taxes. The first installment of property tax revenue totaling \$3.3M has been posted, representing 55% of the budget for the entire fiscal year. The second property tax installment is expected by April 2014.

Expenses include labor, watershed investments, flood control maintenance and expenses for projects such as Arroyo Mocho Stanley Reach, Hydrology Study, Stream Management Master Plan Update and the Living Arroyos Program.

**Flood Protection and Stormwater Drainage (DIF) – Fund 210 (formerly Fund 76)**

| <i>Category</i> | <i>12/13 Audited Actual</i> | <i>13/14 Budget</i> | <i>13/14 YTD Actual</i> | <i>% Used/Received</i> |
|-----------------|-----------------------------|---------------------|-------------------------|------------------------|
| Revenue         | \$ 5,180,104                | \$ 2,632,000        | \$ 1,981,361            | 75%                    |
| Expenses        | \$ 1,227,729                | \$ 7,440,315        | \$ 3,525,314            | 47%                    |

This fund provides funding for flood protection facilities required for new development. The primary source of revenue is development impact fees. YTD revenue includes \$1.9M in development impact fee revenue, 76% of the projection for the entire fiscal year.

Expenses include the North Canyons lease payment, watershed investments, and projects such as Arroyo Mocho Stanley Reach, Hydrology Study, Stream Management Master Plan Update and the Living Arroyos Program, of which this fund pays a share.

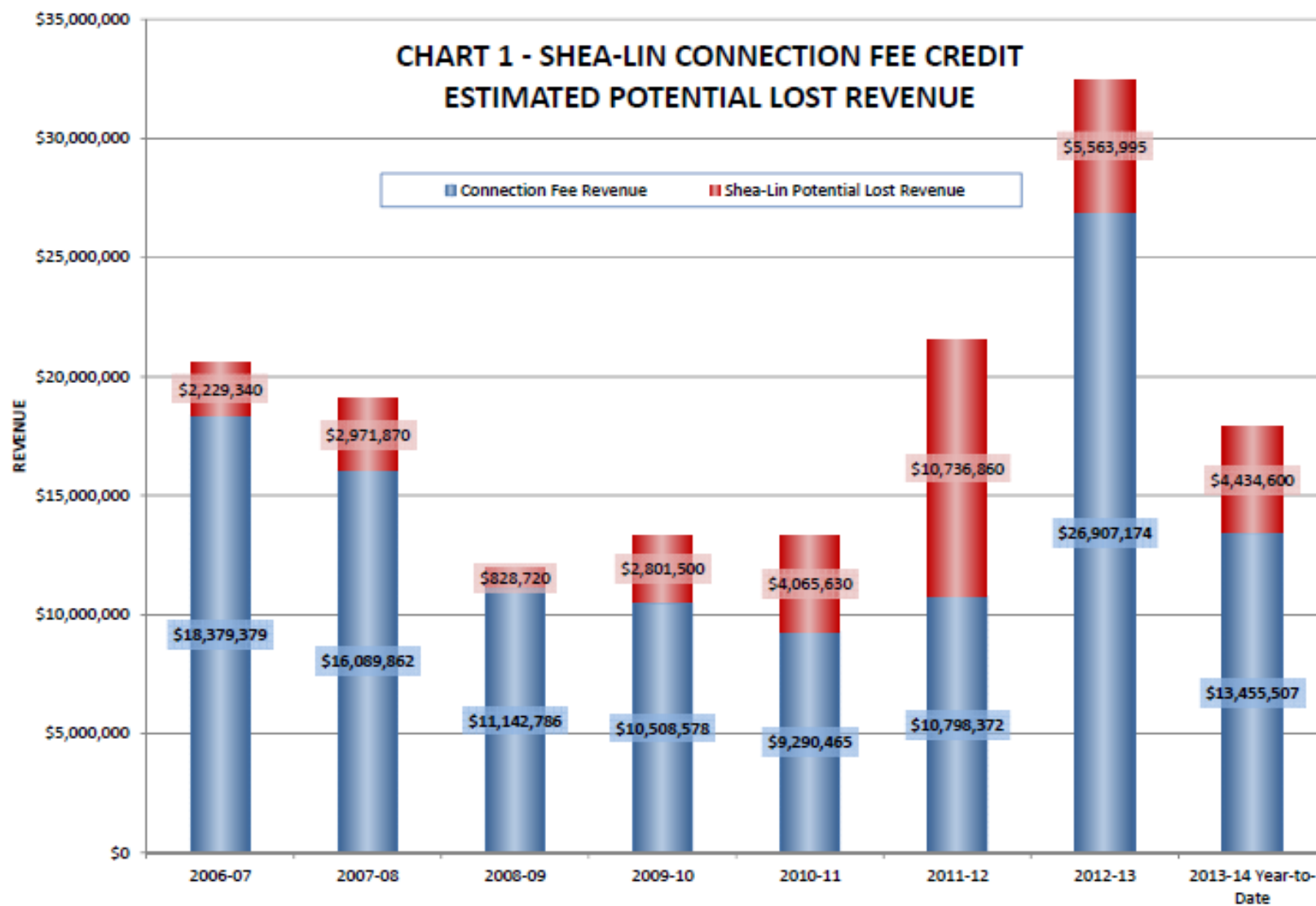
**RECOMMENDED ACTION:**

Information only.

**ATTACHMENTS:**

Zone 7 Water Agency Annual Budget by Account Classification Report  
CHART 1 – Shea-Lin Connection Fee Credit Estimated Potential Lost Revenue

**CHART 1 - SHEA-LIN CONNECTION FEE CREDIT  
ESTIMATED POTENTIAL LOST REVENUE**



**NOTES:**

Shea-Lin Credit Data as of 03-31-2014, 1551 Redeemed & 484 Remaining.

Revenue as of 2-28-14 for DSRSD & Pleasanton, 11/30/13 for Livermore

Initial Payment of \$10,000,000 for Credits is Not Reflected in This Graph

# ZONE 7 WATER AGENCY

## Annual Budget by Account Classification Report

### Budget Summary

|                                                           | FY 12/13 Budget         | FY 13/14 Budget         | FY 13/14 YTD Actual     | % Used/Rec   |
|-----------------------------------------------------------|-------------------------|-------------------------|-------------------------|--------------|
| <b>FUND: 100 Water Enterprise Operations</b>              |                         |                         |                         |              |
| <b>Revenue</b>                                            |                         |                         |                         |              |
| 411 - Water Sales & Service                               | \$37,085,455.00         | \$37,664,745.00         | \$25,370,219.23         | 67%          |
| 441 - Charges for Services                                | \$0.00                  | \$0.00                  | \$1,000.00              | #DIV/0!      |
| 452 - Aid from Governmental Agencies - State              | \$700.00                | \$700.00                | \$300,198.73            | 42886%       |
| 461 - Investment Earnings                                 | \$95,000.00             | \$95,000.00             | \$37,260.91             | 39%          |
| 462 - Rents and Royalties                                 | \$31,000.00             | \$31,000.00             | \$43,648.23             | 141%         |
| 464 - Fines and Penalties                                 | \$0.00                  | \$0.00                  | \$203.33                | -            |
| 481 - Other Revenue                                       | \$93,300.00             | \$93,300.00             | \$275,471.62            | 295%         |
| <b>Revenue Totals</b>                                     | <b>\$37,305,455.00</b>  | <b>\$37,884,745.00</b>  | <b>\$26,028,002.05</b>  | <b>69%</b>   |
| <b>Expenditures</b>                                       |                         |                         |                         |              |
| 511 - Personal Services - Salaries and Wages <sup>1</sup> | \$12,979,972.00         | \$13,325,249.00         | \$7,536,811.04          | 57%          |
| 512 - Personal Services - Overtime <sup>1</sup>           | \$204,410.00            | \$206,778.00            | \$110,950.21            | 54%          |
| 513 - Personal Services - Benefits <sup>1</sup>           | \$5,935,795.00          | \$6,388,757.00          | \$4,073,367.84          | 64%          |
| 600 - Labor & Overhead Distributed <sup>2</sup>           | (\$7,587,903.00)        | (\$7,803,870.00)        | (\$2,487,373.60)        | 32%          |
| 611 - Purchased Services                                  | \$3,458,839.00          | \$4,503,032.00          | \$1,665,089.32          | 37%          |
| 621 - Water                                               | \$5,327,008.00          | \$6,964,912.00          | \$4,059,121.85          | 58%          |
| 631 - Chemicals                                           | \$3,490,885.00          | \$2,841,522.00          | \$1,111,736.26          | 39%          |
| 641 - Utilities                                           | \$1,664,556.00          | \$1,829,570.00          | \$1,412,605.00          | 77%          |
| 643 - Communications                                      | \$227,508.00            | \$175,014.00            | \$100,977.61            | 58%          |
| 651 - Cleaning Services                                   | \$64,196.00             | \$48,835.00             | \$30,210.08             | 62%          |
| 652 - Repairs and Maintenance                             | \$2,955,100.00          | \$2,551,870.00          | \$1,022,313.74          | 40%          |
| 653 - Rental Services                                     | \$113,200.00            | \$108,650.00            | \$75,900.77             | 70%          |
| 661 - General Office Services/ Supplies                   | \$904,375.00            | \$617,065.00            | \$239,458.79            | 39%          |
| 662 - Organizational Membership/ Participation            | \$452,323.00            | \$520,283.00            | \$329,986.56            | 63%          |
| 665 - Other Services/ Supplies                            | \$726,440.00            | \$780,206.00            | \$178,159.85            | 23%          |
| 667 - Training and Travel                                 | \$424,296.00            | \$394,220.00            | \$86,926.64             | 22%          |
| 669 - Special Departmental Expense                        | \$826,500.00            | \$794,772.00            | \$238,181.27            | 30%          |
| 671 - Equipment, Furniture and Vehicles                   | \$37,000.00             | \$32,499.00             | \$10,498.81             | 32%          |
| 691 - Transfers                                           | \$0.00                  | \$8,500,000.00          | \$4,250,000.00          | 50%          |
| <b>Expenditure Totals</b>                                 | <b>\$32,204,500.00</b>  | <b>\$42,779,364.00</b>  | <b>\$24,044,922.04</b>  | <b>56%</b>   |
| <b>FUND Total: Water Enterprise Operations</b>            | <b>\$5,100,955.00</b>   | <b>(\$4,894,619.00)</b> | <b>\$1,983,080.01</b>   | <b>-41%</b>  |
| <b>FUND: 110 State Water Facilities</b>                   |                         |                         |                         |              |
| <b>Revenue</b>                                            |                         |                         |                         |              |
| 411 - Water Sales & Service                               | \$1,314,313.00          | \$1,299,710.00          | \$1,252,533.41          | 96%          |
| 421 - Property Taxes                                      | \$10,150,000.00         | \$11,247,000.00         | \$5,574,181.55          | 50%          |
| 452 - Aid from Governmental Agencies - State              | \$45,000.00             | \$45,000.00             | \$0.00                  | 0%           |
| 453 - Aid from Governmental Agencies - Local              | \$505.00                | \$611.00                | \$620.58                | 102%         |
| 461 - Investment Earnings                                 | \$25,750.00             | \$16,522.00             | \$4,954.85              | 30%          |
| 464 - Fines and Penalties                                 | \$0.00                  | \$0.00                  | \$4.65                  | -            |
| 481 - Other Revenue                                       | \$1,065,403.00          | \$1,189,542.00          | \$775,079.60            | 65%          |
| <b>Revenue Totals</b>                                     | <b>\$12,600,971.00</b>  | <b>\$13,798,385.00</b>  | <b>\$7,607,374.64</b>   | <b>55%</b>   |
| <b>Expenditures</b>                                       |                         |                         |                         |              |
| 621 - Water                                               | \$13,974,125.00         | \$14,118,181.00         | \$13,688,398.04         | 97%          |
| <b>Revenue Totals:</b>                                    | <b>\$12,600,971.00</b>  | <b>\$13,798,385.00</b>  | <b>\$7,607,374.64</b>   | <b>55%</b>   |
| <b>Expenditure Totals</b>                                 | <b>\$13,974,125.00</b>  | <b>\$14,118,181.00</b>  | <b>\$13,688,398.04</b>  | <b>97%</b>   |
| <b>FUND Total: State Water Facilities</b>                 | <b>(\$1,373,154.00)</b> | <b>(\$319,796.00)</b>   | <b>(\$6,081,023.40)</b> | <b>1902%</b> |

# ZONE 7 WATER AGENCY

## Annual Budget by Account Classification Report

### Budget Summary

|                                                      | FY 12/13 Budget         | FY 13/14 Budget          | FY 13/14 YTD Actual     | % Used/Rec |
|------------------------------------------------------|-------------------------|--------------------------|-------------------------|------------|
| <b>FUND: 120 Water Enterprise Capital IR&amp;R</b>   |                         |                          |                         |            |
| <b>Revenue</b>                                       |                         |                          |                         |            |
| 431 - Development Fees                               | \$26,550.00             | \$250,000.00             | \$310,896.63            | 124%       |
| 441 - Charges for Services                           | \$0.00                  | \$7,500.00               | \$450.00                | 6%         |
| 461 - Investment Earnings                            | \$141,703.00            | \$74,462.00              | \$26,017.62             | 35%        |
| 499 - Transfers                                      | \$6,600,000.00          | \$8,500,000.00           | \$4,250,000.00          | 50%        |
| <b>Revenue Totals</b>                                | <b>\$6,768,253.00</b>   | <b>\$8,831,962.00</b>    | <b>\$4,587,364.25</b>   | <b>52%</b> |
| <b>Expenditures</b>                                  |                         |                          |                         |            |
| 600 - Labor & Overhead Distributed <sup>1</sup>      | \$0.00                  | \$0.00                   | \$852,934.67            | -          |
| 611 - Purchased Services                             | \$0.00                  | \$192,728.00             | \$346,115.56            | 180%       |
| 643 - Communications                                 | \$0.00                  | \$0.00                   | \$41.72                 | -          |
| 652 - Repairs and Maintenance                        | \$0.00                  | \$0.00                   | \$0.00                  | -          |
| 653 - Rental Services                                | \$0.00                  | \$0.00                   | \$402,500.20            | -          |
| 661 - General Office Services/ Supplies              | \$0.00                  | \$0.00                   | \$6,038.59              | -          |
| 665 - Other Services/ Supplies                       | \$0.00                  | \$0.00                   | \$11,235.49             | -          |
| 667 - Training and Travel                            | \$0.00                  | \$0.00                   | \$34.54                 | -          |
| 669 - Special Departmental Expense <sup>3</sup>      | \$12,023,062.00         | \$20,461,758.00          | \$0.00                  | 0%         |
| 671 - Equipment, Furniture and Vehicles              | \$0.00                  | \$76,281.00              | \$243,829.77            | 320%       |
| 672 - Land and Facility Improvements                 | \$0.00                  | \$5,143,652.00           | \$7,435,384.31          | 145%       |
| <b>Revenue Totals:</b>                               | <b>\$6,768,253.00</b>   | <b>\$8,831,962.00</b>    | <b>\$4,587,364.25</b>   | <b>52%</b> |
| <b>Expenditure Totals</b>                            | <b>\$12,023,062.00</b>  | <b>\$25,874,419.00</b>   | <b>\$9,298,114.85</b>   | <b>36%</b> |
| <b>FUND Total: Water Enterprise Capital IR&amp;R</b> | <b>(\$5,254,809.00)</b> | <b>(\$17,042,457.00)</b> | <b>(\$4,710,750.60)</b> | <b>28%</b> |
| <b>FUND: 130 Water Enterprise Cap Expansion</b>      |                         |                          |                         |            |
| <b>Revenue</b>                                       |                         |                          |                         |            |
| 431 - Development Fees                               | \$12,382,587.00         | \$18,400,000.00          | \$13,455,507.43         | 73%        |
| 461 - Investment Earnings                            | \$89,885.00             | \$166,565.00             | \$69,148.40             | 42%        |
| 481 - Other Revenue                                  | \$2,539,000.00          | \$2,381,600.00           | \$1,148,128.80          | 48%        |
| <b>Revenue Totals</b>                                | <b>\$15,011,472.00</b>  | <b>\$20,948,165.00</b>   | <b>\$14,672,784.63</b>  | <b>70%</b> |
| <b>Expenditures</b>                                  |                         |                          |                         |            |
| 600 - Labor & Overhead Distributed <sup>1</sup>      | \$0.00                  | \$0.00                   | \$255,861.11            | -          |
| 611 - Purchased Services                             | \$0.00                  | \$202,751.00             | \$58,668.93             | 29%        |
| 621 - Water                                          | \$0.00                  | \$18,654,187.00          | \$16,980,828.50         | 91%        |
| 653 - Rental Services                                | \$0.00                  | \$0.00                   | \$312,500.16            | -          |
| 661 - General Office Services/ Supplies              | \$0.00                  | \$0.00                   | \$33.90                 | -          |
| 662 - Organizational Membership/ Participation       | \$0.00                  | \$0.00                   | \$17,229.00             | -          |
| 665 - Other Services/ Supplies                       | \$0.00                  | \$0.00                   | \$342.70                | -          |
| 667 - Training and Travel                            | \$0.00                  | \$0.00                   | \$14.80                 | -          |
| 669 - Special Departmental Expense <sup>3</sup>      | \$22,455,379.00         | \$7,124,197.00           | \$25,693.91             | 0.36%      |
| 671 - Equipment, Furniture and Vehicles              | \$0.00                  | \$6,377.00               | \$14,538.19             | 228%       |
| 672 - Land and Facility Improvements                 | \$0.00                  | \$478,106.00             | \$463,680.12            | 97%        |
| 675 - Debt Service                                   | \$0.00                  | \$250,000.00             | \$63,833.47             | 26%        |
| <b>Revenue Totals:</b>                               | <b>\$15,011,472.00</b>  | <b>\$20,948,165.00</b>   | <b>\$14,672,784.63</b>  | <b>70%</b> |
| <b>Expenditure Totals</b>                            | <b>\$22,455,379.00</b>  | <b>\$26,715,618.00</b>   | <b>\$18,193,224.79</b>  | <b>68%</b> |
| <b>FUND Total: Water Enterprise Cap Expansion</b>    | <b>(\$7,443,907.00)</b> | <b>(\$5,767,453.00)</b>  | <b>(\$3,520,440.16)</b> | <b>61%</b> |

# ZONE 7 WATER AGENCY

## Annual Budget by Account Classification Report

### Budget Summary

|                                                  | FY 12/13 Budget         | FY 13/14 Budget          | FY 13/14 YTD Actual      | % Used/Rec |
|--------------------------------------------------|-------------------------|--------------------------|--------------------------|------------|
| <b>FUND: 200 Flood Protection Operations</b>     |                         |                          |                          |            |
| <b>Revenue</b>                                   |                         |                          |                          |            |
| 421 - Property Taxes                             | \$5,873,310.00          | \$5,979,557.00           | \$3,263,440.09           | 55%        |
| 441 - Charges for Services                       | \$3,000.00              | \$3,000.00               | \$14,788.79              | 493%       |
| 452 - Aid from Governmental Agencies - State     | \$54,000.00             | \$54,000.00              | \$0.00                   | 0%         |
| 453 - Aid from Governmental Agencies - Local     | \$690.00                | \$690.00                 | \$6,126.86               | 888%       |
| 461 - Investment Earnings                        | \$112,619.00            | \$110,600.00             | \$19,367.86              | 18%        |
| 462 - Rents and Royalties                        | \$17,500.00             | \$17,500.00              | \$18,124.69              | 104%       |
| 464 - Fines and Penalties                        | \$0.00                  | \$0.00                   | \$4.03                   | -          |
| 481 - Other Revenue                              | \$35,000.00             | \$35,000.00              | \$139,440.00             | 398%       |
| 491 - Other Financing Sources                    | \$0.00                  | \$0.00                   | \$17,150.00              | -          |
| <b>Revenue Totals</b>                            | <b>\$6,096,119.00</b>   | <b>\$6,200,347.00</b>    | <b>\$3,478,442.32</b>    | <b>56%</b> |
| <b>Expenditures</b>                              |                         |                          |                          |            |
| 600 - Labor & Overhead Distributed <sup>1</sup>  | \$1,218,073.00          | \$2,100,065.00           | \$1,145,516.33           | 55%        |
| 611 - Purchased Services                         | \$1,396,975.00          | \$2,720,461.00           | \$362,661.35             | 13%        |
| 643 - Communications                             | \$3,000.00              | \$2,239.00               | \$999.37                 | 45%        |
| 651 - Cleaning Services                          | \$6,000.00              | \$10,000.00              | \$3,920.35               | 39%        |
| 652 - Repairs and Maintenance                    | \$2,795,000.00          | \$5,291,743.00           | \$988,225.16             | 19%        |
| 653 - Rental Services                            | \$25,000.00             | \$145,500.00             | \$105,521.37             | 73%        |
| 661 - General Office Services/ Supplies          | \$64,100.00             | \$19,550.00              | \$5,847.73               | 30%        |
| 662 - Organizational Membership/ Participation   | \$77,000.00             | \$141,084.00             | \$13,962.50              | 10%        |
| 665 - Other Services/ Supplies                   | \$22,000.00             | \$28,400.00              | \$7,889.63               | 28%        |
| 667 - Training and Travel                        | \$18,500.00             | \$30,900.00              | \$2,355.80               | 8%         |
| 669 - Special Departmental Expense <sup>3</sup>  | \$25,000.00             | \$13,333.00              | \$6,666.66               | 50%        |
| 671 - Equipment, Furniture and Vehicles          | \$3,500.00              | \$0.00                   | \$0.00                   | -          |
| 672 - Land and Facility Improvements             | \$0.00                  | \$15,444,833.00          | \$10,833,363.53          | 70%        |
| <b>Revenue Totals:</b>                           | <b>\$6,096,119.00</b>   | <b>\$6,200,347.00</b>    | <b>\$3,478,442.32</b>    | <b>56%</b> |
| <b>Expenditure Totals</b>                        | <b>\$5,654,148.00</b>   | <b>\$25,948,108.00</b>   | <b>\$13,476,929.78</b>   | <b>52%</b> |
| <b>FUND Total: Flood Protection Operations</b>   | <b>\$441,971.00</b>     | <b>(\$19,747,761.00)</b> | <b>(\$9,998,487.46)</b>  | <b>51%</b> |
| <b>FUND: 210 Flood Protection/Drainage DIF</b>   |                         |                          |                          |            |
| <b>Revenue</b>                                   |                         |                          |                          |            |
| 431 - Development Fees                           | \$1,872,436.00          | \$2,500,000.00           | \$1,907,475.08           | 76%        |
| 461 - Investment Earnings                        | \$154,894.00            | \$132,000.00             | \$45,325.89              | 34%        |
| 481 - Other Revenue                              | \$0.00                  | \$0.00                   | \$28,560.00              | -          |
| <b>Revenue Totals</b>                            | <b>\$2,027,330.00</b>   | <b>\$2,632,000.00</b>    | <b>\$1,981,360.97</b>    | <b>75%</b> |
| <b>Expenditures</b>                              |                         |                          |                          |            |
| 600 - Labor & Overhead Distributed <sup>1</sup>  | \$0.00                  | \$0.00                   | \$233,061.49             | -          |
| 611 - Purchased Services                         | \$0.00                  | \$184,493.00             | \$88,260.21              | 48%        |
| 643 - Communications                             | \$0.00                  | \$0.00                   | \$7.39                   | -          |
| 653 - Rental Services                            | \$0.00                  | \$0.00                   | \$89,285.73              | -          |
| 665 - Other Services/ Supplies                   | \$0.00                  | \$0.00                   | \$598.52                 | -          |
| 669 - Special Departmental Expense <sup>3</sup>  | \$3,347,956.00          | \$3,554,816.00           | \$0.00                   | 0%         |
| 672 - Land and Facility Improvements             | \$0.00                  | \$3,701,006.00           | \$3,114,100.46           | 84%        |
| <b>Revenue Totals:</b>                           | <b>\$2,027,330.00</b>   | <b>\$2,632,000.00</b>    | <b>\$1,981,360.97</b>    | <b>75%</b> |
| <b>Expenditure Totals</b>                        | <b>\$3,347,956.00</b>   | <b>\$7,440,315.00</b>    | <b>\$3,525,313.80</b>    | <b>47%</b> |
| <b>FUND Total: Flood Protection/Drainage DIF</b> | <b>(\$1,320,626.00)</b> | <b>(\$4,808,315.00)</b>  | <b>(\$1,543,952.83)</b>  | <b>32%</b> |
| <b>Revenue Grand Totals:</b>                     | <b>\$79,809,600.00</b>  | <b>\$90,295,604.00</b>   | <b>\$58,355,328.86</b>   | <b>65%</b> |
| <b>Expenditure Grand Totals:</b>                 | <b>\$89,659,170.00</b>  | <b>\$142,876,005.00</b>  | <b>\$82,226,903.30</b>   | <b>58%</b> |
| <b>Net Grand Totals:</b>                         | <b>(\$9,849,570.00)</b> | <b>(\$52,580,401.00)</b> | <b>(\$23,871,574.44)</b> | <b>45%</b> |

Notes:

1. Agency-wide salaries, wages, overtime and benefits are budgeted in Fund 100, then distributed to other funds based on assignments and work demands.
2. This is a credit to Fund 100 for salaries, wages, overtime and benefits charged to other funds.
3. Capital project expenses are budgeted in just a few accounts. Actual project expenses are reported in the appropriate expense account, as spent.



## ALAMEDA COUNTY FLOOD CONTROL AND WATER CONSERVATION DISTRICT, ZONE 7

100 NORTH CANYONS PARKWAY • LIVERMORE, CA 94551 • PHONE (925) 454-5000 • FAX (925) 454-5727

**ORIGINATING SECTION:** Engineering  
**CONTACT:** Rhett Alzona

**AGENDA DATE:** April 16, 2014

**SUBJECT:** Drought Update

**ITEM NO.** 18e

### **SUMMARY:**

- DWR continues filling Lake Del Valle so there is more water stored in the Valley should the south delta pumps be shut down later this year; water quality degradation as shown by increasing bromides as observed in February, has somewhat improved with continuing March runoff.
- The three emergency projects approved by the board on January 29<sup>th</sup> are moving forward.

1. Lake I - Cope Lake Pipeline Project - Design-Build (D/B) contract executed with CH2MHill and work commenced 2/21/14. Construction began on the Cope Lake side with installation of a coffer dam and excavation of the pipeline trench. The contractor has completed the excavation for and installation of approximately 250 feet of HDPE pipe from the edge of Cope Lake to the easterly edge of the haul road. Based on the photos below, the majority of the backfill has been completed. The slide gate should be installed by the time of the Board meeting. A temporary haul road will be completed by the time of the Board meeting to allow the excavation for the pipeline across the remainder of the old haul road and on towards Lake I. A flow meter is being purchased and will be installed in the pipeline to allow staff to monitor flow from Cope Lake.



2. Chain of Lakes Well No. 5 - Design-Build contract has been executed. Monitoring well construction was completed. The 2-inch monitoring well provides the depths of the aquifers so that well casing and screens for the

production well can be ordered and delivered to the site before the production well borehole is finished. The well pump, which can take three to four months for delivery, has been selected and is on order. Municipal production well driller bids were received and the apparent, qualified low bidder selected with drilling to commence on April 8, 2014. Due to the drought climate and demand for well drillers, from the eight well drillers contacted, the two bids received were much higher than anticipated. Staff will continue to monitor costs after the production well construction to reassess project needs before well facility construction.

3. Busch Valley Well No. 1 - A Design-Build contract and scope of work with Conco West, Inc. (with Stantec as sub-consultant) could be finalized as early as April 11. The Design-Build contract for a not to exceed cost of \$1.4 million as approved by the Zone 7 Board will cover initial activities for project implementation. These initial activities include production well design and construction and pre-design of the well facility to get consensus on design concepts, construction, operations, maintenance and safety issues (i.e. facility and equipment function, regulatory compliance, traffic control, etc...) internally and with outside agencies (i.e. CDPH, RWQCB, LPFD/City of Pleasanton, etc...). Once the final facility design scope of work is determined and negotiated, an Agenda Item for Board Approval will be scheduled to request project funding to complete well facility construction. Request for bids from municipal production well drillers was issued to start drilling in May 2014.

- Other projects, such as a potential package plant for surface water treatment at Cope Lake were investigated but looked less feasible in the short term.
- From an operational standpoint, staff are maximizing surface water treatment, have ceased groundwater recharge, are reviewing water quality and minimum water supply needs, and have turned off the Mocho Groundwater Demineralization Plant to avoid discharge of the concentrate (waste stream is approximately 15% of the groundwater pumped).

## **BACKGROUND:**

Calendar Year 2013 was the driest year in recorded state history. 2013 also set a new record as the driest year measured in the Livermore-Amador Valley, with total precipitation of only 4.5 inches out of the average yearly rainfall of 14.47-inches (only 31% of average at Livermore Station 15e). At the beginning of 2014, the snowpack's statewide water content was estimated at about 20% of average for this time of year and January set a record for being the driest January in recorded history for the State and Bay Area.

On January 17, 2014, Governor Jerry Brown declared a State of Emergency in California due to the current drought conditions and asked all citizens to cut back water use by 20%. On January 29, 2014 at a Special Meeting of the Zone 7 Board, a Drought Emergency was declared and a Drought Emergency Response Plan was accepted. In addition, on January 31, 2014, the California Department of Water Resources (DWR) announced they were reducing State Water Project allocations from 5% to zero for the first time in history.

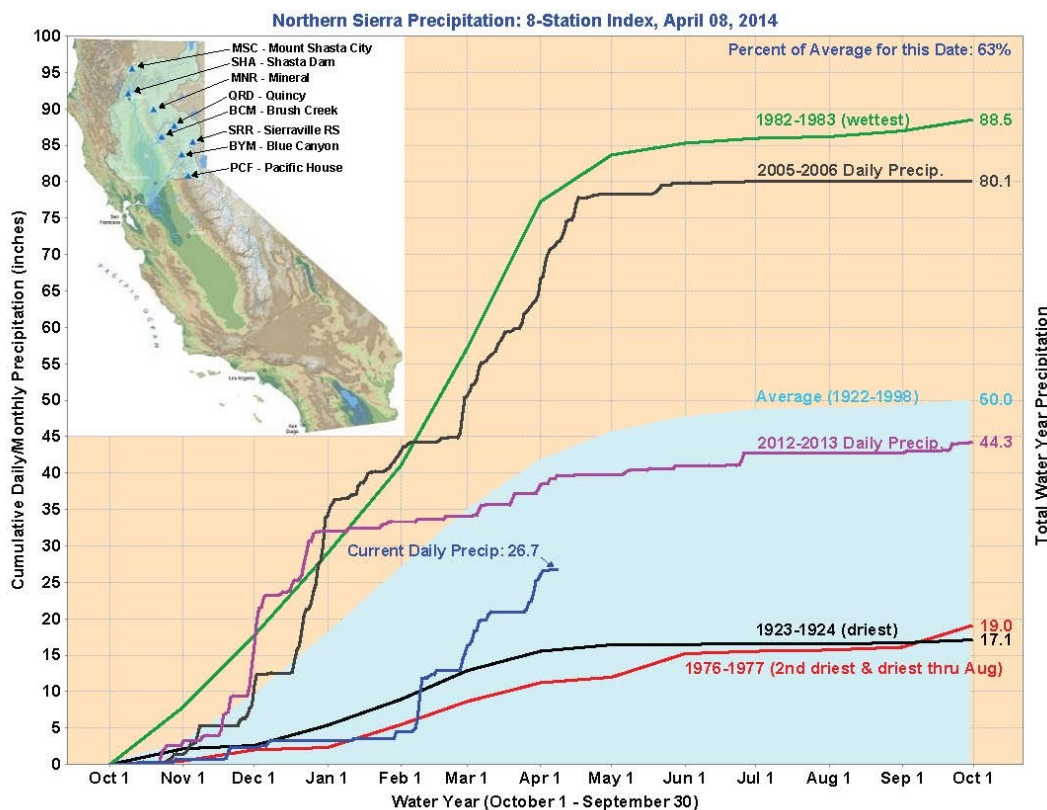
On January 29, 2014 the General Manager was authorized and directed to establish an appropriate level of conservation for the Livermore-Amador Valley, consistent with the

governor's proclamation of a drought emergency (20% or greater). The initial conservation level was set at 20% and adjustments will be discussed at this Board meeting as part of the Sustainability Report.

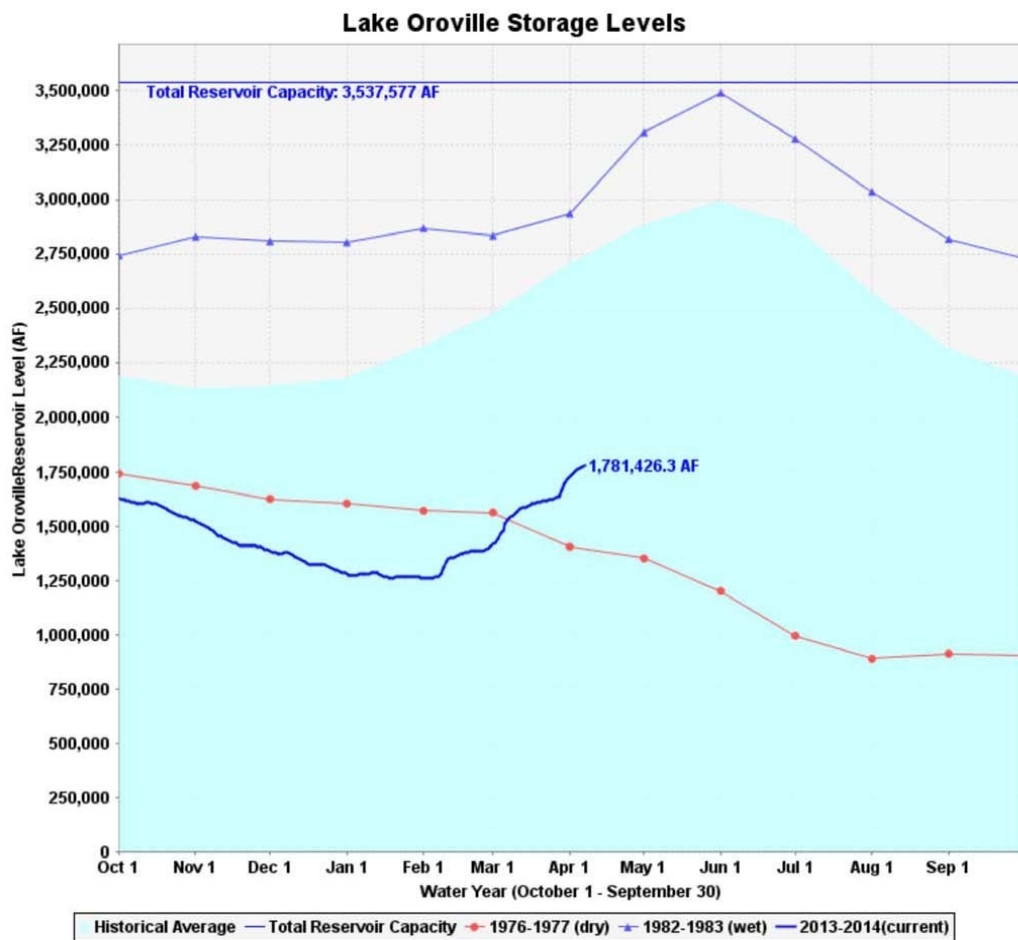
On January 30, the California Department of Water Resources (DWR) announced a reduction in the State Water Project (SWP) allocation from 5% down to zero.

## DISCUSSION:

Northern Sierra precipitation remains well below average - currently at 26.7 inches compared to an average of about 43 inches for this time of year (April 7 -see graph; or for updates see [http://cdec.water.ca.gov/cgi-progs/products/PLOT\\_ESI.pdf](http://cdec.water.ca.gov/cgi-progs/products/PLOT_ESI.pdf)). This is critical because the Northern Sierra precipitation determines DWR's ability to refill Lake Oroville, which is the primary source of water for Zone 7 (water is released from Lake Oroville into the Feather and then the Sacramento River and from there it is conveyed through the Delta by a series of levees that direct the Oroville releases to the South Delta pumps which bring water to the Livermore-Valley and to other State Water Contractors).



Storage in Lake Oroville also remains well below average and slightly above the driest year of record (see Oroville graph, below). This can be tracked on the DWR data website at <http://cdec.water.ca.gov/cdecapp/resapp/resDetailOrig.action?resid=ORO>. The recent rains have helped but, due to the high temperatures, much of the precipitation has been as rain which means that continuing flows during the time when the snow would typically melt and be captured in Oroville are unlikely.



The April 1<sup>st</sup> snow survey recorded statewide water content about the same as the February survey at 32% of the average April 1<sup>st</sup> reading. Electronic readings indicate that water content in the northern mountains is 23% of the April 1<sup>st</sup> average. Electronic readings in the central Sierra shows 38% of the April 1<sup>st</sup> average. The readings for the southern Sierra show 31% of the April 1<sup>st</sup> average. While only the northern reading drains into Lake Oroville, the others contribute to the Delta watershed and quality of water being conveyed through the Delta.

The April 1<sup>st</sup> Survey is always critical as it forms the basis for DWR's final allocation calculation since hydrologically this is when the snow pack usually starts melting rather than gaining (although a last survey is usually conducted around May 1<sup>st</sup>).

Warm dry weather is expected to continue over the next week, which has started to melt the snowpack. DWR will be updating their water supply and water quality models to incorporate the latest hydrologic data. These results will be part of the consideration for the final Table A allocation. While the latest forecasts of water quality in the Delta during the summer have generally indicated improved conditions, the impacts to the South Bay Aqueduct contractors—who are more sensitive to Delta water quality conditions—remain to be seen.

Note that these conditions would be somewhat mitigated should an alternative conveyance system, such as the tunnels described in the BDCP, already be in place, given the regulatory losses that have occurred (600,000 acre feet in 2013, alone) and the degradation of quality that occurs by using the Delta, itself, as a conveyance facility.

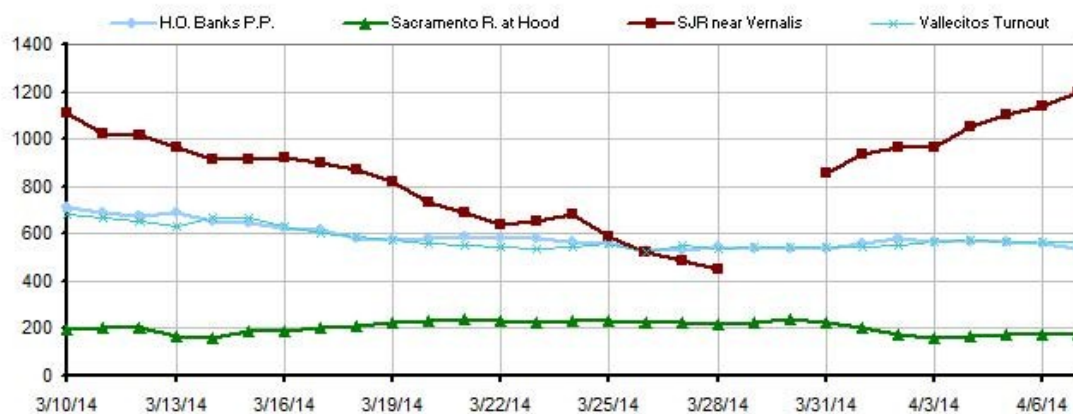
The local hydrology also remains dry, measuring approximately 46% of the average water year as of the end of April 8, 2014. This has impacted the amount of local water that is captured this year under the Arroyo Valle Water Rights permit. Note that DWR has been pumping SWP water into Lake Del Valle and the lake storage is currently at 40,300 acre feet (AF) and filling at a rate of about 100 cubic feet per second (cfs) or about 190 AF/day (62 million gallons per day).

In the first quarter of 2014, treated water demands have shown a 5% reduction below delivery requests but 7% above average demands for these months. With a focus on outdoor irrigation restrictions, increased conservation is expected as we move into the higher irrigation months.

Both the Del Valle Water Treatment Plant and the Patterson Pass Conventional Treatment Plant are in operation with a combined production of approximately 30 million gallons per day (MGD) which is allowing Zone 7 to maximize the delivery of surface water and conserve the groundwater basin for use during the summer to help meet peak demands.

Although the rains have helped a little, Water Quality in the South Delta still has much higher total dissolved solids (TDS) than usual for this time of year, when winter rains would normally be providing relatively low TDS water. Bromide levels and Total Organic Carbon (TOC) numbers are also higher than normal. The poor water quality impacts not only treatment at the plants (with higher bromides apparently creating more and different disinfection byproducts and with higher TOCs requiring more coagulants and more pH adjustments while generating more sludge) but also the salt balance and quality of recharge water. DWR monitors electrical conductivity as a surrogate for TDS (TDS is approximately equal to 0.58 times EC), which is posted as part of DWR's "Real Time Data and Forecasting" effort on the DWR website at [http://www.water.ca.gov/waterquality/drinkingwater/rtdf\\_rprt.cfm](http://www.water.ca.gov/waterquality/drinkingwater/rtdf_rprt.cfm):

Electrical Conductance ( $\mu\text{S}/\text{cm}$ )





ALAMEDA COUNTY FLOOD CONTROL AND WATER CONSERVATION DISTRICT, ZONE 7

100 NORTH CANYONS PARKWAY • LIVERMORE, CA 94551 • PHONE (925) 454-5000 • FAX (925) 454-5727

**ORIGINATING SECTION:** Facilities Engineering

**CONTACT:** Rhett Alzona

**AGENDA DATE:** April 16, 2014

ITEM NO. **18f**

**SUBJECT:** Capital Project Status Report

The Facilities Engineering Section plans, designs and manages the construction for the majority of the water supply conveyance, production, and delivery projects contained in the Zone 7 Capital Improvement Program. The Facilities Engineering Section also designs and manages the construction of flood control channel improvement projects identified in the CIP.

Attached is a table showing the current status of key capital projects.

## Facilities Engineering Project Status Report – April 16, 2014

\* Projects added during fiscal year

| Project                                                                               | Objective                                                                                                                            | Project Benefits                                                                                                                                                                           | Budget                       | Current Phase                                                        | Current Activities                                                                                                                                                                                                                                      | Funding Source                                                                                            |
|---------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------|----------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------|
| Arroyo Mocho Stanley Reach R.3-5 Riparian Restoration and Channel Enhancement Project | Explore riparian environmental restoration options that are compatible with flood protection, sediment management, and water supply. | Replace existing concrete drop structures with habitat friendly features that also reduce flow velocities in the channel. Project could be used for mitigation credits for other projects. | \$1.7 million                | Closeout of Construction<br><br>Project completion - May 2014        | The contractor, Applied Water Resources Corp. completed final punchlist items in January.<br><br>Project final completion was recorded on January 29, 2014. Project is being closed out.                                                                | Fund 200 – Flood Protection Operations – 83%<br><br>Fund 210 – Flood Protection Stormwater Drainage - 17% |
| Arroyo Las Positas R.1-7 Improvements Project                                         | Provide effective flood control system to Livermore-Amador Valley.                                                                   | Increase channel capacity in this reach to be able to handle 100- year rainfall event                                                                                                      | \$2.8 million                | In Planning Phase<br><br>Project Completion - November 2015          | Working on cross-sectional design throughout the channel with a geomorphologist. Upon completion, the preliminary design will either be submitted as part of the CEQA process or for pre-CEQA discussions with RWQCB and CDFW.                          | Fund 200 – Flood Protection Operations – 83%<br><br>Fund 210 – Flood Protection Stormwater Drainage - 17% |
| Busch Valley Well 1*                                                                  | Construct a new 2 to 3 mgd production well                                                                                           | Increases Well Production Capacity, especially valuable during drought emergency                                                                                                           | \$1.4 million initial budget | Design/Build Contract, Design<br><br>Project Completion – March 2015 | Working on Design/Build contract. A \$1.4 million initial budget was set up to take on initial project activities such as pre-design and production well drilling. After well drilling, entire project budget will be brought back before the Z7 Board. | Fund 120 – 50%<br>Fund 130 – 50%                                                                          |

| Project                                           | Objective                                                                | Project Benefits                                                                                                                                                                                                                                   | Budget        | Current Phase                                                                               | Current Activities                                                                                                                                                                                                                                                                                                                                                                                                                            | Funding Source                   |
|---------------------------------------------------|--------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------|---------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------|
| Chain of Lakes Well 5*                            | Construct a new 1 to 2 mgd production well                               | Increases Well Production Capacity, especially valuable during drought emergency                                                                                                                                                                   | \$3.6 million | Design/Build Contract, Production Well Construction<br><br>Project Completion – August 2014 | A pipeline connecting to Chain of Lakes Well 1 was already constructed to this well site so that disinfection facilities could be shared. A monitoring well was installed in late February –early March to determine the aquifer zones so that production well casing and screens can be pre-ordered. Well pump size review was also undertaken and the pump is on order. Production well drilling is scheduled to begin first week in April. | Fund 120 – 50%<br>Fund 130 – 50% |
| Cope Lake to Lake I Pipeline*                     | Transfer Vulcan mining discharges into Cope Lake to Lake I for recharge. | Recharge Vulcan mining discharges that prior to December 2013 went into the Arroyo Mocho and mostly left the valley. Mining discharges now go into Cope Lake and this pipeline will transfer water to Lake I for recharging the groundwater basin. | \$1.3 million | Design/Build Contract, Construction<br><br>Project Completion - June 2014                   | Design-Build contract with CH2M Hill, currently under construction.                                                                                                                                                                                                                                                                                                                                                                           | Fund 120 – 30%<br>Fund 130 – 70% |
| DVWTP Ammonia System replacement Project          | Improved safety.                                                         | Aqua ammonia system is safer to handle than anhydrous ammonia currently being used.                                                                                                                                                                | \$1.8 million | Project deferred due to change in funding priority for drought related projects             | Conceptual design was discussed with Alameda County Fire Dept. Next step is to review design with ACDEH.                                                                                                                                                                                                                                                                                                                                      | Fund 120 - Water Rates – 100%    |
| DVWTP 4.5 MG Clearwell Interior Recoating Project | Prolongs the useful life of the clearwell.                               | Recoat the interior of the 4.5 MG steel clearwell at DVWTP and replace the cathodic protection system.                                                                                                                                             | \$1,630,000   | In Design Phase but being evaluated for deferral to fund higher priority projects           | Technical specifications near completion; project deferred to an early summer 2014 bid to allow contractor a 5-6 month window during winter 2014/2015 to complete the work.                                                                                                                                                                                                                                                                   | Fund 120 - Water Rates – 100%    |

| <b>Project</b>                                                       | <b>Objective</b>                                                                                      | <b>Project Benefits</b>                                                                                                                                                                                                                  | <b>Budget</b>                                                  | <b>Current Phase</b>                                                                                                    | <b>Current Activities</b>                                                                                                                                                                                                                                                           | <b>Funding Source</b>         |
|----------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------|
| DVWTP Caustic Soda Tank Rehabilitation Project                       | Prolong the useful life of the tanks. Increases operational flexibility and reliability of the plant. | Structurally enhance existing 25-year-old tanks followed by re-lining of the interior for corrosion protection for another 20 years of service.                                                                                          | \$2,100,000 For Caustic Soda and Ferric Chloride Tank Projects | Construction<br><br>Project Completion – July 2014                                                                      | One of the tanks has been rehabilitated and put into service. The second tank is being drained to prepare for structural liner followed by re-lining by FRP Picon. Zone 7 Maintenance will be re-installing mechanical and electrical systems when the tank rehab work is complete. | Fund 120 - Water Rates – 100% |
| DVWTP Ferric Chloride Tank Improvements Project                      | Increase production reliability and operational flexibility.                                          | The existing Ferric Chloride tanks are showing wear and tear and per AMP are near the end of their useful life. The new tanks would also be upgraded in volume to better keep up with the expanded plant production in the recent years. | Shared budget with Caustic Soda Tank Projects                  | Preliminary design complete.<br><br>Project deferred due to change in funding priority to fund higher priority projects | This project is under design which is approximately 60% complete. Also includes parking lot rehabilitation and expanding the chemical fill line alleyway for truck filling and through traffic.                                                                                     | Fund 120 - Water Rates – 100% |
| DVWTP Sludge Handling Project (Centrifuge Purchase and Z7 Operation) | Increase reliability of sludge handling (currently sludge beds).                                      | By providing mechanical dewatering, sludge handling capacity and reliability are increased, significantly reducing the probability of having negative impacts upon WTP capacity.                                                         | \$1.3 million                                                  | Construction<br><br>Project Completion – May 2014                                                                       | Manufacturing/Assembly of Centrifuge is underway, estimated delivery is April 30th. Construction of utility water and power connections complete. Sludge line modifications remain.                                                                                                 | Fund 120 - Water Rates – 100% |

| Project                                                | Objective                                                                                                                                                                                                                        | Project Benefits                                                                                                                                                                                                | Budget                                                                                                   | Current Phase                                                                                                         | Current Activities                                                                                                                                                                      | Funding Source                |
|--------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------|
| DVWTP Sludge Underdrain Overflow Improvements          | Increase operational flexibility to better guard against potential overflows to the creek from breakdowns with the sludge underdrain pumps or overload to the underdrain wetwell and subsequent discharge violations from RWQCB. | This project is intended to raise the hydraulic grade line of the sludge underdrain system so that sludge bed #4 is the low point and would fill up before any discharge to the creek.                          | \$80,000                                                                                                 | Planning<br><br>Project Completion - March 2015                                                                       | Project is scheduled to begin in May.                                                                                                                                                   | Fund 120 - Water Rates – 100% |
| DVWTP Superpulsator Rehab Project Phase 1 and 2        | Per AMP, existing superpulsators are beyond their useful life and to be replaced.                                                                                                                                                | Phase 1 is to replace equipment, upgrade safety protections and operational efficiency, and coat concrete basin for two of the four superpulsator basins.<br><br>Phase 2 is scheduled for next winter FY 14-15. | \$ 5.0 million<br><br>Ph 1 – Includes safety protection upgrades \$2.5 million<br><br>Ph 2 - \$2 million | Closeout Phase 1 Construction May 2014<br><br>Phase 2 construction to start in October 2014 and completion April 2015 | Startup and testing of Superpulsator #1 was successfully completed. Superpulsator 2 was also successfully tested. Both Superpulsators are functioning properly and are back in service. | Fund 120 - Water Rates – 100% |
| Mocho Well 4 Repair Project*                           | Increase production reliability and well production rate.                                                                                                                                                                        | Remove and replace poor performing pump. With pump removed, perform downhole well maintenance.                                                                                                                  | \$220,000                                                                                                | Construction<br><br>Completion – April 2014                                                                           | Layne Christensen has begun to remove and replace the pump. Work is expected to be substantially complete on April 11, 2014.                                                            | Fund 120 - Water Rates – 100% |
| PPWTP Ferric Chloride – Caustic Soda System Separation | Improved safety, compliance with ACDEH                                                                                                                                                                                           | Separate acid (Ferric) and base (Caustic) chemicals from sharing the same containment areas to prevent potentially unsafe chemical reaction in case both chemicals are spilled.                                 | \$220,000                                                                                                | Design/Advertise for bids<br><br>Project completion – August 2014                                                     | Bid package preparation for May 2014 advertisement for bids.                                                                                                                            | Fund 120 - Water Rates – 100% |

| <b>Project</b>                                                                              | <b>Objective</b>                                                                                                                                   | <b>Project Benefits</b>                                                                                                                                                                                          | <b>Budget</b>                         | <b>Current Phase</b>                                            | <b>Current Activities</b>                                                                                                                                                                                                                      | <b>Funding Source</b>         |
|---------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------|-----------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------|
| PPWTP UF Clarifier Corrosion Control Upgrades Project                                       | Increase plant reliability and prolong facility service life                                                                                       | Upgrade existing sacrificial cathodic protection system for the ultrafiltration plant clarifier at PPWTP, and abrasive blast and recoat entire steel clarifier mechanism                                         | \$371,600                             | Construction<br><br>Project completion – June 2014              | Contractor preparing to recoat the clarifier mechanism. Work to be completed by May 2014                                                                                                                                                       | Fund 120 - Water Rates – 100% |
| PWRPA Facilities at PPWTP                                                                   | Build alternative power and renewable energy use portfolio to save money, be an environmental steward, and keep up with environmental regulations. | PWRPA power is less expensive than PG&E power. Part of PWRPA energy is derived from renewable energy. PPWTP is expected to have reduced energy costs from the lower PWRPA rate relative to PG&E.                 | \$750,000 For PPWTP and Mocho Complex | Closeout of Construction<br><br>Project completion – April 2014 | Patterson Plant is now operating on PWRPA Power. PG&E, PWRPA, Zone 7, and Contractor coordinated a power switch-over March 20 <sup>th</sup> . Punch list and progress payment being prepared. Substantial completion was March 21, 2014.       | Fund 120 - Water Rates – 100% |
| PWRPA Facilities at Mocho Groundwater Demineralization Plant, Mocho 3 and 4 (Mocho Complex) | Build alternative power and renewable energy use portfolio to save money, be an environmental steward, and keep up with environmental regulations. | PWRPA power is less expensive than PG&E power. Part of PWRPA energy is derived from renewable energy. The Mocho facilities are expected to have reduced energy costs from the lower PWRPA rate relative to PG&E. | Shared budget with PWRPA at PPWTP     | Design<br><br>Project completion – February 2015                | PG&E is still adding requirements to the design which will affect the Budget. Project payback period is under review. Revised design is being targeted for late April 2014 completion and award of contract at the July 2014 Z7 Board meeting. | Fund 120 - Water Rates – 100% |
| Stoneridge & Mocho 3 Well Repair Project*                                                   | Increase production reliability and well production rate.                                                                                          | Remove and replace poor performing pump. With pump removed, perform downhole well maintenance.                                                                                                                   | \$260,000                             | Construction<br><br>May 2014                                    | Pump has been purchased. Working on contract with Layne Christensen for well repair work that includes pump replacement.                                                                                                                       | Fund 120 - Water Rates – 100% |