Board Policy: EL-7 Communication and Support to the Board
The BAOs shall inform and support the Board in its work.

Page # A. NEWSLETTERS & BRIEFINGS

5 Water Tracker Report: 03/01/17

7 ACWA e-news: 03/08/17

B. CEO BULLETIN

14 Week of: 03/03/17 – 03/09/17

C. BOARD MEMBER REQUESTS & INFORMATIONAL ITEMS

19 BMR/IBMR Weekly Reports: 03/09/17

22 Memo from Jim Fiedler, COO – Water Utility Enterprise, to the Board, dated 02/28/17, regarding the February 2017 Drought Status Report.

23 Memo from Jim Fiedler, COO – Water Utility Enterprise, to the Board, dated 03/02/17, regarding the agreements for supplemental imported water supplies.

25 Memo from Rick Callender, DAO – Government Relations/Communications, to Norma Camacho, Interim CEO, dated 03/06/17, regarding an invitation from Chair Varela to members of the congressional delegation to tour flood impacted areas.

30 Memo from Susan Stanton, COO – Administrative Services, to the Board, dated 03/07/17, regarding Watersheds Certificates of Participation Series 2017A – transaction closed.

33 Memo from Jim Fiedler, COO – Water Utility Enterprise, to the Board, dated 03/07/17, regarding the 03/17/17 public workshop on revised total coliform rule.

36 Memo from Rick Callender, DAO – Government Relations/Communications, to Norma Camacho, Interim CEO, dated 03/07/17, regarding efforts to secure funding for District projects.

45 Memo from Jim Fiedler, COO – Water Utility Enterprise, to the Board, dated 03/09/17, regarding California WaterFix Fast Facts publication issued by the California Natural Resources Agency.

57 Memo from Jim Fiedler, COO – Water Utility Enterprise, to the Board, dated 03/09/17, regarding Northern California representatives introducing a bill to facilitate construction of Sites Reservoir.

60 Memo from Norma Camacho, Interim CEO, to the Board, dated 03/10/17, regarding FY 2016-17 Q2 Quarterly Ends Policy Outcome Measures Status Report.

64 Memo from Jim Fiedler, COO – Water Utility Enterprise, to the Board, dated 03/10/17, regarding correspondence between federal agencies about the Oroville Dam emergency and the responses by water agencies.
**D. INCOMING BOARD CORRESPONDENCE**

**Board Correspondence Weekly Report:** 03/09/17

78 Email from Ken Colson to the Board, dated 03/03/17, regarding the Nextdoor.com posting by Chair Varela (C-17-0117).

80 Email from Marni Kamzan to Director Keegan, dated 03/05/17, regarding the District's sandbag distribution process (C-17-0118).

82 Email from Mary Robertson to Director Kremen, dated 03/06/17, regarding empty percolation ponds (C-17-0119).

84 Email from Eric Ni to Directors Keegan and Hsueh, dated 03/04/17, regarding Rock Springs neighborhood (C-17-0120).

85 Letter from Sam Liccardo, Mayor of San Jose, to Chair Varela, dated 03/07/17, requesting support for flood improvements in the Rock Springs neighborhood (C-17-0121).

86 Email from Arlene Goetze to the Board and District staff, dated 03/07/17, regarding water fluoridation (C-17-0122).

88 Email from JP Saunders to Director Keegan, dated 03/06/17, regarding her response to his email about flooding (C-17-0123).

89 Email from Patrick Ferraro to the Board, dated 03/07/17, regarding an article in BC Water News on design-build (C-17-0124).

90 Email from Bridget Tracy to Chair Varela, dated 03/08/17, regarding Anderson Dam and spillway operations (C-17-0125).

91 Email from Dorsey Moore, San Jose Conservation Corps, to Chair Varela, dated 03/03/17, requesting his support and attendance at their Annual Spring Luncheon (C-17-0126).

96 Memo from Michele King, COB, to the Board, dated 03/09/17, regarding 100+ form-style emails from constituents to the Public Utilities Commission, protesting San Jose Water Company’s Advice Letter 501 and 506 (C-17-0127).

101 Email from Gerhard Eschelbeck to Samina Shaikh, Raw Water Operations Unit (cc: BOD), dated 03/09/17, regarding Stevens Creek Reservoir operations (C-17-0128).

102 Email from Bill Bruckart to Colin Cortman, Operations & Maintenance Engineering Unit (cc: BOD), dated 03/09/17, regarding the status of plans for improvements to Guadalupe River (C-17-0129).

**E. OUTGOING BOARD CORRESPONDENCE**

108 Letter from Directors Santos, Keegan, and Hsueh, to Lisa Gillmor, Mayor of Santa Clara, dated 02/01/17, regarding their meeting to discuss water related issues impacting the City and region.

109 Reply email from Director Estremera to Dorsey Moore, San Jose Conservation Corps, dated 02/22/17, regarding an offer to help residents impacted by the Coyote Creek flood (C-17-0093).

110 Reply email from Director Kremen to Martha Cutcomb, dated 03/03/17, regarding the possibility of diverting funds for the Permanente Creek Flood Protection Project to Coyote Creek flood protection projects instead (C-17-0096).

111 Reply email from Director Santos to Monika Gardias, dated 03/03/17, regarding Los Gatos Creek safety issues (C-17-0078).
112 Reply email from Director Keegan to Marni Kamzan, dated 03/03/17, regarding her experience assisting with sandbag distribution in Naglee Park (C-17-0100).

113 Reply email from Director Keegan to Terry Christensen, dated 03/05/17, regarding Coyote Creek flood control (C-17-0111).

114 Reply email from Director Keegan to JP Saunders, dated 03/06/17, regarding flooding along Coyote Creek (C-17-0101).

115 Reply email from Director LeZotte to Patrick Pizzo, dated 03/06/17, regarding Anderson Dam and Guadalupe Creek (C-17-0091).

116 Reply email from Director Keegan to Jean-Marie White, dated 03/08/17, regarding Anderson Reservoir and Coyote Creek flooding (C-17-0110).

117 Reply email from Chair Varela to Bridget Tracy, dated 03/08/17, regarding the possibility of redirecting Anderson Reservoir Parking Fees to San Jose flood victims (C-17-0095).

118 Reply email from Director Keegan to Jeffrey Hare, dated 03/08/17, regarding the District's response to flooding in San Jose (C-17-0094/102).

119 Reply letter from Chair Varela to Mayor Liccardo, City of San Jose, dated 03/08/17, regarding support for flood improvements in the Rock Springs neighborhood (C-17-0121).

Board correspondence has been removed from the online posting of the Non-Agenda to protect personal contact information. Lengthy reports/attachments may also be removed due to file size limitations. Copies of board correspondence and/or reports/attachments are available by submitting a public records request to publicrecords@valleywater.org.
NEWSLETTERS & BRIEFINGS
Outlook as of March 1, 2017

Realizing parts of the state were better off than others in terms of water supply, the State Water Resources Control Board, on February 8, 2017, amended its May 2016 Emergency Regulation. The amended regulation allows retail water suppliers the opportunity to submit or resubmit their water supply reliability assessments (or “stress tests”) by March 15, 2017.

On January 31, 2017, the Board of Directors (Board) approved a resolution calling for 20 percent reductions and continued certain water waste prohibitions, but removed the recommendations that retailers implement mandatory measures. The Board also called for continued restrictions on watering schedules to a maximum of three times a week.

Groundwater recharge in 2016 was far greater than in normal years. Preliminary water supply analysis shows that 2017 District recharge, together with natural recharge, will further improve groundwater storage in 2017.

### Weather

**Rainfall in San Jose**
- Month of February = 4.72 inches
- Rainfall year to date = 14.13 inches (Rainfall year is July 1 to June 30)
- Normal rainfall for the full year = 14.33 inches
- March 1 Northern Sierra snowpack was 159% of normal for this date

### Local Reservoirs

- Total March 1 storage = 159,855 acre-feet
  - 149% of 20-year average for that date
  - 95% of total capacity
  - 130% of restricted capacity (169,009 acre-feet total storage capacity limited by seismic restrictions to 122,924 acre-feet)
- No imported water was delivered into local reservoirs during February 2017
- Total estimated releases to streams (local and imported water) during February, excluding spills, was 78,800 acre-feet

### Groundwater

- Groundwater (GW) Storage: Total storage at the end of 2017 is predicted to fall within Stage 1 (Normal) of the Water Shortage Contingency Plan

<table>
<thead>
<tr>
<th></th>
<th>Santa Clara Subbasin</th>
<th>Llagas Subbasin</th>
</tr>
</thead>
<tbody>
<tr>
<td>February managed recharge estimate (AF)</td>
<td>1,100</td>
<td>700</td>
</tr>
<tr>
<td>January to February managed recharge estimate (AF)</td>
<td>3,400</td>
<td>1,600</td>
</tr>
<tr>
<td>January to February managed recharge, % of 5-year ave.</td>
<td>55%</td>
<td>93%</td>
</tr>
<tr>
<td>January pumping estimate (AF)</td>
<td>3,600</td>
<td>800</td>
</tr>
<tr>
<td>January pumping, % of 5-year average</td>
<td>73%</td>
<td>113%</td>
</tr>
<tr>
<td>GW index well level compared to last February</td>
<td>Increase</td>
<td>Increase</td>
</tr>
</tbody>
</table>

AF = acre-feet
• As of February 28, 2017, the Statewide Average snowpack water content is 186% of the historic average for this date
• 2017 State Water Project (SWP) and Central Valley Project (CVP) allocations:
  » 2017 SWP allocation: 60% = 60,000 acre-feet announced on January 18, 2017
  » 2017 CVP allocations: A 2017 CVP allocation for the District has not yet been announced
• Reservoir storage information, as of February 28, 2017:
  » Shasta Reservoir at 85% of capacity (117% of average for this date)
  » Oroville Reservoir at 75% of capacity (108% of average for this date)
  » San Luis Reservoir at 97% of capacity (114% of average for this date)
• District’s Semitropic groundwater bank reserves: An estimated 193,892 acre-feet as of February 28, 2017
• Estimated SFPUC deliveries to Santa Clara County:
  » Month of February = 2,546 acre-feet
  » 2017 Total to Date = 5,929 acre-feet
  » Five-year average is 48,700 acre-feet
• Board Governance Policy No. EL-5.3.3 includes keeping the Board informed of imported management activities on an ongoing basis. In 2016, six imported water management agreements were executed

Treated Water

• Below average demands of 5,089 acre-feet delivered in February
• This total is 82% of the five-year average for the month of February
• Year-to-date estimated = 10,794 acre-feet or 80% of the five-year average

Conserved Water

• Saved 69,000 acre-feet in FY16 from long-term program (baseline year is 1992)
• Long-term program goal is to save nearly 72,000 acre-feet in FY17
• The Board has called for a 20% reduction and a limit of three days per week for irrigation of ornamental landscape with potable water
• Achieved a 15% reduction in water use in January 2017, compared to 2013

Recycled Water

• Estimated February 2017 production = 1,000 acre-feet
• Estimated Year-to-Date through February = 1,823 acre-feet or 91% of the five-year average
• Silicon Valley Advanced Water Purification Center produced an estimated 4.4 billion gallons (13,500 acre-feet) of purified recycled water since March 25, 2014. The purified water is blended with existing tertiary recycled water for South Bay Water Recycling Program’s customers

CONTACT US

For more information, contact Customer relations at (408) 630-2880, or visit our website at valleywater.org and use our Access Valley Water customer request and information system. With three easy steps, you can use this service to find out the latest information on district projects or to submit questions, complaints or compliments directly to a district staff person.
ACWA eNews for March 8, 2017

ACWA's eNews is a weekly roundup of California water news and events. Manage your subscription [here](http://www.acwa.com)

**ACWA Legislative Symposium Tackles Water Finance and Efficiency**

Submitted by Pamela Martineau on Wed, 03/08/2017 - 4:29pm

California lawmakers shared center stage with local water managers in Sacramento today at ACWA's 2017 Legislative Symposium where water leaders delved into water issues ranging from finance to water use efficiency.

Sen. Robert Hertzberg (D-Van Nuys), chair of the Senate Natural Resources and Water Committee, spoke during the luncheon program and talked about adopting a more “comprehensive way of thinking through water policy.”

Hertzberg said he is working especially hard to make progress in three areas: recycling, stormwater capture and desalination.

[Read more](#)

**Application Period Opens March 14 for CWC Water Storage Funding**

Submitted by Lisa Lien-Mager on Wed, 03/08/2017 - 6:06pm
The California Water Commission has announced that starting March 14, proponents of new water storage projects in California may submit applications for funding of public benefits under Proposition 1, the $7.5 billion water bond approved by California voters in 2014. Proposition 1 includes $2.7 billion for public benefits related to new water storage projects.

Read more

**ACWA to Work with Sen. Hertzberg on SCA 4**

Submitted by Lisa Lien-Mager on Wed, 03/08/2017 - 5:53pm

In a follow-up to its work in 2015 and 2016, ACWA is coordinating with Sen. Robert Hertzberg (D-Van Nuys) to sponsor legislation that would provide flexibility for local agencies to pursue voluntary demand-based water rates and voluntary lifeline rates to assist low-income customers.

Hertzberg has introduced spot legislation, SCA 4, regarding those topics. ACWA will coordinate with a working group of its State Legislative Committee on the legislation.

Read more

**Documentary Takes a Critical Look at California Water**

Submitted by Lisa Lien-Mager on Wed, 03/08/2017 - 6:08pm

The National Geographic Channel will air a documentary March 14 on California water and the role of private interests in water management.

The film, “Water and Power: A California Heist,” traces decades of policy decisions, including 1994 negotiations to amend State Water Project contracts, and contends that a small number of private landowners have reaped profits from a public resource. Other themes include the expansion of
permanent crops such as almonds, increased groundwater pumping and severe drought that left some communities without safe drinking water.

Read more

**CDFA Board Examines Issue of Safe Drinking Water in Disadvantaged Communities**

Submitted by Pamela Martineau on Wed, 03/08/2017 - 9:05am

The California State Board of Food and Agriculture on March 7 hosted a panel discussion in Sacramento on efforts to ensure safe drinking water in disadvantaged communities.

The panel featured ACWA Deputy Executive Director for Government Relations Cindy Tuck; Laurel Firestone, of the Community Water Center; and Wade Crowfoot of the Water Foundation.

CDFA Secretary Karen Ross said in a written statement announcing the panel that “all Californians have a right to safe drinking water.”

Read more

**State Water Board Adopts Comprehensive Climate Change Response**

Submitted by Pamela Martineau on Tue, 03/07/2017 - 12:53pm

The State Water Resources Control Board on March 7 adopted a resolution that sets the goal that climate change considerations be integrated into all State Water Board actions and that of the state’s Regional Water Quality Control Boards.

Read more

**Court Rules E-Communications of Public Officials on Private Accounts Subject to PRA**

Submitted by Pamela Martineau on Fri, 03/03/2017 - 2:05pm
The California Supreme Court has ruled that electronic communications – emails, voicemails, and texts – on private devices or servers of elected officials or public employees are subject to disclosure under the state's Public Records Act.

The law firm Best Best & Krieger has scheduled a free webinar March 8 from noon to 1 p.m. to discuss the ruling and its ramifications. More information is here.

Read more

**ACWA and Others Request Federal Regulatory Flexibility for Oroville Dam Repairs**

Submitted by Pamela Martineau on Thu, 03/02/2017 - 11:11am

In a March 1 letter to newly confirmed U.S. Secretary of Commerce Wilbur Ross, ACWA and 20 other California water groups requested federal regulatory flexibility for state and local agencies as they work to repair Oroville Dam.

Read more

**ACWA Water Quality Committee Meeting**

Thu, 03/09/2017 - 10:00am - 2:00pm
Location: https://global.gotomeeting.com/join/542242437

Please join meeting from your computer, tablet or smartphone.
https://global.gotomeeting.com/join/542242437

You can also dial in using your phone.
United States: +1 (571) 317-3122

Access Code: 542-242-437
Water Education Foundation 2017 Executive Briefing

Thu, 03/23/2017 - 8:15am - 5:00pm
Location: Hilton Sacramento Arden West hotel, 2200 Harvard St.

With a theme focusing on “Wave of Change: Breaking the Status Quo,” the Water Education Foundation’s 34th annual Executive Briefing will be held March 23 in Sacramento. The event will examine new approaches to water management, tools to extend supplies, plans to prepare for drought, and the intersection between politics and policy.

This water conference will offers the opportunity to hear from top policymakers and leading stakeholders on key water topics:

REGISTRATION

Read more

ACWA Energy Storage Summit in Partnership with CESA

Thu, 03/30/2017 - 9:00am - 5:00pm
Location: ACWA Board Room, Sacramento, California


Registration cancellation deadline is March 22, 2017 - 4:30 p.m. (PST)

Read more

LOWER COLORADO RIVER TOUR 2017

Wed, 04/05/2017 - Fri, 04/07/2017
Location: The tour begins in Las Vegas (with an optional start in Ontario) and ends at Ontario International Airport.

Presented by the Water Education Foundation. Explore the Lower Colorado River where virtually every drop of the river is allocated, yet demand is growing from a myriad of sources — increasing population, declining habitat, drought and climate change.

Registration

Read more
Building Capacity for Regional Sustainability in California: A Water Summit

Wed, 04/12/2017 - 1:00pm - 4:30pm
**Location:** Sacramento Convention Center, 1400 J St., Sacramento

Cosponsored by the Water Education Foundation and the California Department of Water Resources, the half-day summit will explore:

- Establishing governance for groundwater management
- Developing groundwater management and other water management plans
- Improving regulatory processes and securing sustainable funding – all necessary ingredients for achieving sustainable water balance.

Registration and further information

**HEADWATERS TOUR 2017**

Thu, 04/27/2017 - Fri, 04/28/2017
**Location:** The tour begins and ends at Sacramento International Airport.

Presented by the Water Education Foundation.

Registration

Read more

**ACWA 2017 Spring Conference & Exhibition**

Tue, 05/09/2017 - Fri, 05/12/2017
**Location:** Monterey, CA

ACWA's 2017 Spring Conference & Exhibition is set for May 9-12, 2017, at the Monterey Marriott and Portola Hotel & Spa in Monterey.

**Online Registration & cancellation deadline is April 14, 2017 - 4:30 p.m. (PST)**

**IMPORTANT LINKS:**

REGISTRATION

Read more
CEO BULLETIN
To:   Board of Directors  
From:  Norma J. Camacho, Interim CEO  

Chief Executive Officer Bulletin  
Week of March 3 - March 9, 2017

The Board Appointed Officers shall inform and support the Board in its work. Further, a BAO shall  
1) inform the Board of relevant trends, anticipated adverse media coverage, or material external  
and internal changes, particularly changes in the assumptions upon which any Board policy has  
previously been established and 2) report in a timely manner an actual or anticipated  
noncompliance with any policy of the Board.

<table>
<thead>
<tr>
<th>Page</th>
<th>IN THIS ISSUE</th>
</tr>
</thead>
<tbody>
<tr>
<td>2</td>
<td>Youth Career Engagement Tour - Association of Black Employees Black History Month Commemoration</td>
</tr>
</tbody>
</table>
| 2    | Director Keegan  
After storm season is over, staff to review our rule curve in terms of discharge to see if they still serve us well.  
R-17-0003 |
| 2    | Director Hsueh  
Look at how our Flood Protection projects performed during recent storms to protect properties. If a project hasn't been completed, investigate what impact the storms had on the community.  
R-17-0004 |
| 3    | Director Estremera  
Staff to prepare a response to Ms. Geotze's handout and questions on Fluoride presented during public comment at the February 14, Board meeting.  
(See X:\Conformed Board Agenda Items\2017 Board Meetings\021417 Mtg\ Handout 2.6-A)  
R-17-0005 |
Youth Career Engagement Tour - Association of Black Employees Black History Month Commemoration

On Thursday, February 23, 2017, the water district hosted a tour for students from the Greene Scholars Program and the water district’s Youth Stewardship Commission.

The Greene Scholars Program promotes Science Technology Engineering Math careers among African American youth and assists youth with successfully completing higher education in Science Technology Engineering Math. The Youth Stewardship Commission provides high school students from our county with a unique opportunity to explore water industry careers and learn about current water issues from an inside perspective.

Several water district employee workgroups collaborated to help make the day a great success for these students. Students visited the Santa Teresa Water Treatment Plant, Water Quality Lab, Alamitos outdoor classroom, and ended their day with the Silicon Valley Advanced Water Purification Center.

The students were engaged and are now knowledgeable about where their water comes from, water quality, groundwater, water treatment, purified water, and careers in the water industry.

Photos from the tour are located at the following link: https://fta.valleywater.org/fl/9JDFbW006A

For further information, please contact Chris Elias at (408) 630-2379.

-------------------------------------------------------

**Director Keegan**

After storm season is over, staff to review our rule curve in terms of discharge to see if they still serve us well.

R-17-0003

A review of the rule curves will begin when the storm season is over and a response will be provided by May 31, 2017.

For further information, please contact Garth Hall at (408) 630-2750.

-------------------------------------------------------

**Director Hsueh**

Look at how our Flood Protection projects performed during recent storms to protect properties. If a project hasn’t been completed, investigate what impact the storms had on the community.

R-17-0004

Additional time is required to complete a thorough review of projects and properties. It is expected that this will be completed and a response provided no later than March 30, 2017.

For further information, please contact Ngoc Nguyen at (408) 630-2632.
Director Estremera
Staff to prepare a response to Ms. Goetze’s handout and questions on Fluoride presented during public comments at the February 14, Board meeting (See X:\Conformed Board Agenda Items\2017 Board Meetings\021417 Mtg\ Handout 2.6-A)
R-17-0005

Ms. Goetze’s handout at the February 14, 2017, Board meeting consists mostly of statements about “Why are Chinese products born to be bad?”. It was determined that there were two questions embedded among the statements.

Question 1: Is it true your fluoride now is from China?

Answer: In April 2016, Ms. Goetze inquired about whether the fluoride additive would be a product manufactured in China. At the time, the water district had not selected a supplier through its competitive process and responded that although the country of origin could not be confirmed, the water district’s quality assurance includes ensuring that the chemicals used in the water district’s treatment processes, also referred to as treatment additives, are safe. All chemicals used in the water treatment process, including the fluoride additive, fluorosilicic acid, must meet standards established by the National Sanitation Foundation International (NSF). NSF is a non-profit non-governmental organization that develops product standards and tests and certifies products and individual manufacturing facilities globally to ensure compliance with their standards.

For drinking water treatment additives, the standard requirements are established using health-effects criteria. For this reason, the state of California requires that all water treatment chemicals be certified for compliance with NSF/ANSI Standard 60 (NSF 60). More information about the certification process can be found at http://www.nsf.org/services/by-industry/water-wastewater/water-treatment-chemicals/nsf-ansi-standard-60.

It was also determined that “What chemical will SCVWD be using to fluoridate its supplies?” to be a question that could be of interest to members of the public. This question and the answer to the question have been posted on the water district’s Fluoridation webpage since 2013 (Question #9). The answer states in part that fluorosilicic acid is the most commonly used fluoride additive by large water systems and is approved for use by the State Water Resources Control Board’s Division of Drinking water, and that the selected fluorosilicic acid will be a NSF 60 certified product.

The water district now has a fluorosilicic acid supplier, Brenntag Pacific, who responded to water district staff that the fluorosilicic acid they supply is manufactured in the United States.

Question 2: “Which of these 4 steps tests the fluoride before you put it in water? Do you only test afterwards.? All drugs tell consumers its risks. Why won’t you?

Answer: The handout did not have any specifics about what Ms. Goetze meant by 4 steps of testing. However, because water district staff had received numerous questions and statements from Ms. Goetze over the years, staff believes these questions were about the safety of fluorosilicic acid and the testing that the water district would undertake to ensure the quality of the fluorosilicic acid and our drinking water with the addition of fluorosilicic acid.

Testing to ensure the quality of fluorosilicic acid used by the water district in the water treatment
process has been addressed above. As for the quality of drinking water with the addition of fluorosilicic acid, the water district ensures the safety of drinking water through rigorous testing. Monthly and annual water quality reports that the water district submits to the drinking water regulator, the State Water Resources Control Board’s Division of Drinking Water, are available on the water district’s website at: http://www.valleywater.org/services/WaterQualityReports.aspx.

Drinking water test results, since implementation of fluoridation for eastern Santa Clara County in December 2016, indicate that arsenic and lead levels remain analytically non-detectable. The water district’s corrosion control program continues to be effective with the addition of a corrosion inhibitor and pH adjustment to prevent pipes and plumbing systems from corroding and leaching lead (or copper) into the drinking water.

The water district has created and maintained a fluoridation webpage since 2009: http://www.valleywater.org/EkContent.aspx?id=1868&terms=fluoridation

The fluoridation webpage was last updated in September 2016 and includes:
- Responses to 19 frequently asked questions about community water fluoridation.
- A fact sheet on fluoridation in English, Spanish, Chinese, and Vietnamese.
- Links to the American Dental Association and U.S. Centers for Disease Control and Prevention, two national health service organizations with information on fluoride and fluoridation.
- Santa Clara County specific fluoridation information from the Santa Clara County Health Officer and retailers.
- Additional helpful sources of information about community water fluoridation.

For further information, please contact Angela Cheung at (408) 630-2735.
BOARD MEMBER REQUESTS & INFORMATIONAL ITEMS
<table>
<thead>
<tr>
<th>Request</th>
<th>Completed Date</th>
<th>Meeting Date</th>
<th>Director</th>
<th>GM / AGM</th>
<th>Description</th>
<th>20 Days Due Date</th>
<th>Expected Completion Date</th>
<th>Disposition</th>
</tr>
</thead>
<tbody>
<tr>
<td>R-17-0005</td>
<td>Pending</td>
<td>02/14/17</td>
<td>Estremera</td>
<td>Fiedler</td>
<td>Staff to prepare a response to Ms. Geotze's handout and questions on Fluoride presented during public comments. (See X Drive: Conformed Board Agenda Items\ 2017 Board Meetings\ 021417 Regular Meeting\ Handout 2.6- A))</td>
<td>03/06/17</td>
<td></td>
<td></td>
</tr>
<tr>
<td>R-16-0041</td>
<td>Pending</td>
<td>12/13/16</td>
<td>Estremera</td>
<td>Lezotte</td>
<td>Staff is to return with information and potential policy language on &quot;Wall Street&quot; banks and how we deal with them in the future on financing.</td>
<td>01/04/17</td>
<td>02/14/17</td>
<td>01/05/17 CEO Bulletin.</td>
</tr>
<tr>
<td>R-17-0001</td>
<td>Pending</td>
<td>01/24/17</td>
<td>Hsueh</td>
<td>Fiedler</td>
<td>Staff is to prepare for Chair Signature, thank you letters to water retailers, commending efforts that enabled county meeting 20% conservation measures.</td>
<td>02/15/17</td>
<td></td>
<td></td>
</tr>
<tr>
<td>R-17-0004</td>
<td>Pending</td>
<td>02/14/17</td>
<td>Hsueh</td>
<td>Camacho</td>
<td>Look at how our Flood Protection projects performed during recent storms to protect properties. If a project hasn't been completed, investigate what impact the storms had on the community.</td>
<td>03/06/17</td>
<td></td>
<td></td>
</tr>
<tr>
<td>R-16-0021</td>
<td>Pending</td>
<td>04/12/16</td>
<td>Keegan</td>
<td>Stanton</td>
<td>Staff to take a preliminary look at the use of PLAs on Non-federal District projects.</td>
<td>03/22/17</td>
<td></td>
<td>03/02/17 Continued.</td>
</tr>
<tr>
<td>R-17-0003</td>
<td>Pending</td>
<td>02/14/17</td>
<td>Keegan</td>
<td>Fiedler</td>
<td>After storm season is over, staff to review our rule curve in terms of discharge to see if they still serve us well.</td>
<td>03/06/17</td>
<td></td>
<td></td>
</tr>
<tr>
<td>R-17-0008</td>
<td>Pending</td>
<td>02/28/17</td>
<td>Keegan</td>
<td>Fiedler</td>
<td>Staff to provide information on previous Board presentations and direction on opportunities for flood management on the Anderson Dam project, and provide analysis of benefits to operation of dam.</td>
<td>03/21/17</td>
<td></td>
<td></td>
</tr>
<tr>
<td>R-17-0007</td>
<td>Pending</td>
<td>02/28/17</td>
<td>Kremen</td>
<td>Fiedler</td>
<td>Provide the Board with information on how many times in the last 12 months, staff has authorized work on expired contracts/agreements, and identify a process for improvement.</td>
<td>03/21/17</td>
<td></td>
<td></td>
</tr>
<tr>
<td>R-17-0002</td>
<td>Pending</td>
<td>01/24/17</td>
<td>Santos</td>
<td>Camacho</td>
<td>Prepare Board item considering policy restricting District funded travel to states of KS/MS/NC/TN, due to sexual orientation, gender identity, gender expression discriminatory laws.</td>
<td>02/13/17</td>
<td>04/25/17</td>
<td>02/17/17 CEO Bulletin.</td>
</tr>
<tr>
<td>R-17-0006</td>
<td>Pending</td>
<td>02/28/17</td>
<td>Santos</td>
<td>Fiedler</td>
<td>Provide Board with Anderson Dam release data collected since 1983 and identify if any release data is comparable to releases over President's Day storm.</td>
<td>03/21/17</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Request</td>
<td>Completed Date</td>
<td>Meeting Date</td>
<td>Director</td>
<td>GM / AGM</td>
<td>Description</td>
<td>20 Days Due Date</td>
<td>Expected Completion Date</td>
<td>Disposition</td>
</tr>
<tr>
<td>---------</td>
<td>----------------</td>
<td>--------------</td>
<td>----------</td>
<td>----------</td>
<td>-------------</td>
<td>-----------------</td>
<td>--------------------------</td>
<td>-------------</td>
</tr>
<tr>
<td>R-17-0009</td>
<td>Pending</td>
<td>03/01/17</td>
<td>Varela</td>
<td>Camacho</td>
<td>Staff to investigate how to access and utilize the County Reverse 911 Notification System and report back to the Board.</td>
<td>03/22/17</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Request</td>
<td>Completed Date</td>
<td>Request Date</td>
<td>Director</td>
<td>GM / AGM</td>
<td>Description</td>
<td>20 Days Due Date</td>
<td>Expected Completion Date</td>
<td>Disposition</td>
</tr>
<tr>
<td>---------</td>
<td>----------------</td>
<td>--------------</td>
<td>----------</td>
<td>----------</td>
<td>------------------------------------------------------------------------------</td>
<td>------------------</td>
<td>--------------------------</td>
<td>-------------</td>
</tr>
<tr>
<td>I-17-0004</td>
<td>Pending</td>
<td>03/02/17</td>
<td>Kremen</td>
<td>Stanton</td>
<td>Provide Director Kremen with a copy of the Official Statement (OS) for the Santa Clara Valley Water District Refunding and Improvement Certificates of Participation, Series 2017A, as well as the Supplemental disclosure regarding the SJ flooding.</td>
<td>03/23/17</td>
<td></td>
<td></td>
</tr>
<tr>
<td>I-17-0001</td>
<td>Pending</td>
<td>02/15/17</td>
<td>Varela</td>
<td>Stanton</td>
<td>Staff to create a website and send mailer to all agricultural well owners with information and frequently asked questions about crop factors, rate increases, and water production statement.</td>
<td>03/07/17</td>
<td></td>
<td></td>
</tr>
<tr>
<td>I-17-0002</td>
<td>Pending</td>
<td>02/27/17</td>
<td>Varela</td>
<td>Camacho</td>
<td>Chair Varela met with Assembly Member Anna Caballero and wants to send a follow up letter for another meeting in a month or so to discuss San Benito and Pajaro River.</td>
<td>03/19/17</td>
<td></td>
<td></td>
</tr>
<tr>
<td>I-17-0003</td>
<td>Pending</td>
<td>03/01/17</td>
<td>Varela</td>
<td>Camacho</td>
<td>Schedule a tour of the District's EOC for the Directors.</td>
<td>03/22/17</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
TO: Board of Directors

SUBJECT: February 2017 Drought Status Report

FROM: Jim Fiedler

DATE: February 28, 2017

The February 2017 Monthly Drought Status Report (Report) contains the most recent water use and water reduction data for the month of January 2017. Data collected to date indicates that water use reductions in the month of January 2017 were 15 percent when compared to January 2013. This is slightly under the 20 percent target set by the Board on January 31, 2017. However, when comparing to January 2013, which was a relatively low water use month, this level of reduction is significant. This is evidenced by the last two January reductions, where January 2015 water use was negative 2 percent (target was 20 percent) compared to 2013, and January 2016 was 18 percent (target was 30 percent).

Additional information on the district’s drought response efforts and detailed water retailer reported data is included in the Report, which is available for download at the following URL: http://www.valleywater.org/drought/#updates under Monthly Updates – Monthly Drought Status Report.

If you have any questions, please call me at (408) 630-2736.

Jim Fiedler, P.E., D.WRE
Chief Operating Officer
Water Utility Enterprise
Pursuant to EL 5.1.6 and EL 5.3.3, the CEO is required to inform the Board on a timely basis when imported water management agreements are executed. Executed agreements are reported in the Water Tracker. Below are the water management agreements executed during 2016.

- **Pajaro Valley Water Management Agency, Westlands Water District Distribution District No. 1**  
  March 1, 2016 – Interim Renewal Contract that allows up to 6,260 acre-feet of Mercy Springs Entitlement water to be made available for use by the District over each of the next two years. In 2016, 313 acre-feet was available to the District. The District did not receive any water from this agreement in 2016.

- **State Water Contractors (SWC) Dry Year Transfer Program**  
  March 10, 2016 - Agreement to participate in the 2016 Dry Year Transfer Program. The District was anticipating an allocation of around 3,800 acre-feet. The District issued a down-payment on the Agreement, which has been returned. The transfer did not move forward due to a lack of conveyance capacity across the Delta.

- **San Luis & Delta Mendota Water Authority (SLDMWA)**  
  October 25, 2016 - Letter Agreement to participate in the Supplemental CVP Supply resulting from Oakdale Irrigation District / South San Joaquin Irrigation District (OID/SSJID) Fish Flow release. The District received its entire allocation of 153 acre-feet in 2016.

- **Antelope Valley-East Kern Water Agency (AVEK)**  
  July 1, 2016 - Agreement to receive 10,000 acre-feet of SWP supplies from AVEK in 2016 in exchange for 5,000 acre-feet of future SWP supplies by the end of 2026. The District received this water in 2016.

- **Mojave Water Agency (MWA)**  
  o July 19, 2016 - Agreement to receive 8,000 acre-feet of SWP supplies from MWA in 2016 in exchange for a quantity of water dependent on future SWP allocations. The District received this water in 2016.
  o December 21, 2016 - Amendment to the July 19, 2016 agreement made at the request of DWR that changes quantity returned to MWA to 4,000 acre feet of future SWP supplies by the end of 2026.
- **Napa County Flood Control and Water Conservation District (Napa)**
  October 26, 2016 - Agreement to receive 8,259 acre-feet of SWP supplies from Napa in 2016 in exchange for 4,130 acre-feet of future SWP supplies by the end of 2026. The District received this water in 2016.

Should you require additional information or copies of the Agreements, please contact Cindy Kao at (408) 630-2346.

[Signature]

James M. Fiedler, P.E., D.WRE
Chief Operating Officer, Water Utility Enterprise
TO: Norma J. Camacho

FROM: Rick L. Callender

DATE: March 6, 2017

SUBJECT: Invitation from Chair John L. Varela to Members of Congressional Delegation to Tour Flood Impacted Areas

Attached please find copies of letters from Chair John L. Varela inviting members of our federal delegation for a tour of areas along Coyote Creek impacted by the recent floods. This is an important first step in partnering with our congressional members to find solutions to securing federal funding to design and construct flood risk reduction projects along Coyote Creek and to complete our existing District flood reduction projects. We have scheduled briefings and tours with our federal delegation on March 6 and March 8.

Deputy Administrative Officer

Attachment #1: Letters (4)

cc: Board of Directors (7)
March 2, 2017

The Honorable Zoe Lofgren
U.S. House of Representatives
1401 Longworth House Office Building
Washington, D.C. 20515

Dear Representative Lofgren:

This past week’s flooding along Coyote Creek impacted several communities in the South Bay, including the Rock Springs and Naglee Park neighborhoods in your congressional district. This recent flooding underscores the need for flood risk reduction along the entire expanse of Coyote Creek as well as other creeks and tributaries that feed into Coyote Creek as it flows to the San Francisco Bay.

On behalf of the Santa Clara Valley Water District (District) Board of Directors, I would like to invite you to tour the impacted areas. Together we can work to secure congressional support and assistance to authorize and appropriate funding to provide flood risk reduction funding for all remaining sections along Coyote Creek as well as the District’s other federal flood protection projects. The events which occurred last week sadly demonstrate the urgent need for all of the District’s flood protection projects to get funded and completed.

Providing flood protection to the communities within Santa Clara County is one of the District’s three primary objectives, along with water supply and stream stewardship. We appreciate your support and assistance in ensuring that flood risk reduction along Coyote Creek can be studied and constructed as soon as possible. Furthermore, we appreciate your support in ensuring the District’s existing flood protection projects in Santa Clara County are funded so they can be completed and provide the protection that our communities need.

Sincerely,

John L. Varela
Chair/Board of Directors

cc: Board of Directors (7), N. Camacho, R. Callender
District Office, 635 North First Street, Suite B, San Jose, CA 95112
ct:mf
0302c-l.docx
March 2, 2017

The Honorable Ro Khanna
U.S. House of Representatives
513 Cannon House Office Building
Washington, D.C. 20515

Dear Representative Khanna:

This past week’s flooding along Coyote Creek impacted several communities in the South Bay, including the Old Oakland Road/South Bay Mobile Home Park area in your congressional district. This recent flooding underscores the need for flood risk reduction along the entire expanse of Coyote Creek as well as other creeks and tributaries that feed into Coyote Creek as it flows to the San Francisco Bay.

On behalf of the Santa Clara Valley Water District (District) Board of Directors, I would like to invite you to tour the impacted areas. Together we can work to secure congressional support and assistance to authorize and appropriate funding to provide flood risk reduction funding for all remaining sections along Coyote Creek as well as the District’s other federal flood protection projects. The events which occurred last week sadly demonstrate the urgent need for all of the District’s flood protection projects to get funded and completed.

Providing flood protection to the communities within Santa Clara County is one of the District’s three primary objectives, along with water supply and stream stewardship. We appreciate your support and assistance in ensuring that flood risk reduction along Coyote Creek can be studied and constructed as soon as possible. Furthermore, we appreciate your support in ensuring the District’s existing flood protection projects in Santa Clara County are funded so they can be completed and provide the protection that our communities need.

Sincerely,

John L. Varela
Chair/Board of Directors

cc: Board of Directors (7), N. Camacho, R. Callender
    District Office, 900 Lafayette Street, Suite 206, Santa Clara, CA 95050

ct:mf
0302c-1.docx
March 3, 2017

The Honorable Dianne Feinstein
United States Senate
331 Hart Senate Office Building
Washington, D.C. 20510

Dear Senator Feinstein:

This past week's flooding along Coyote Creek impacted several communities in the South Bay, including the Rock Springs and Naglee Park neighborhoods, as well as the Old Oakland Road/South Bay Mobile Home Park. This recent flooding underscores the need for flood risk reduction along the entire expanse of Coyote Creek as well as other creeks and tributaries that feed into Coyote Creek as it flows to the San Francisco Bay.

On behalf of the Santa Clara Valley Water District (District) Board of Directors, I would like to invite you to tour the impacted areas. Together we can work to secure congressional support and assistance to authorize and appropriate funding to provide flood risk reduction funding for all remaining sections along Coyote Creek as well as the District's other federal flood risk reduction projects. The events which occurred last week sadly demonstrate the urgent need for all of the District's flood risk reduction projects to get funded and completed.

Providing flood risk reduction to the communities within Santa Clara County is one of the District's three primary objectives, along with water supply and stream stewardship. We appreciate your support and assistance in ensuring that flood risk reduction along Coyote Creek can be studied and constructed as soon as possible. Furthermore, we appreciate your support in ensuring the District's existing flood risk reduction projects in Santa Clara County are funded so they can be completed and provide the protection that our communities need.

Sincerely,

John L. Varela
Chair/Board of Directors

cc: Board of Directors, N. Camacho, R. Callender
District Office, One Post Street, Suite 2450, San Francisco, CA 94104
ct:mf
0303a-l.docx
March 3, 2017

The Honorable Kamala Harris
United States Senate
112 Hart Senate Office Building
Washington, D.C. 20510

Dear Senator Harris:

This past week's flooding along Coyote Creek impacted several communities in the South Bay, including the Rock Springs and Naglee Park neighborhoods, as well as the Old Oakland Road/South Bay Mobile Home Park. This recent flooding underscores the need for flood risk reduction along the entire expanse of Coyote Creek as well as other creeks and tributaries that feed into Coyote Creek as it flows to the San Francisco Bay.

On behalf of the Santa Clara Valley Water District (District) Board of Directors, I would like to invite you to tour the impacted areas. Together we can work to secure congressional support and assistance to authorize and appropriate funding to provide flood risk reduction funding for all remaining sections along Coyote Creek as well as the District's other federal flood risk reduction projects. The events which occurred last week sadly demonstrate the urgent need for all of the District's flood risk reduction projects to get funded and completed.

Providing flood risk reduction to the communities within Santa Clara County is one of the District's three primary objectives, along with water supply and stream stewardship. We appreciate your support and assistance in ensuring that flood risk reduction along Coyote Creek can be studied and constructed as soon as possible. Furthermore, we appreciate your support in ensuring the District's existing flood risk reduction projects in Santa Clara County are funded so they can be completed and provide the protection that our communities need.

Sincerely,

[Signature]

John L. Varela
Chair/Board of Directors

cc: Board of Directors, N. Camacho, R. Callender
District Office, 50 United Nations Plaza, Suite 5584, San Francisco, CA 94102

ct:mf
0303a-l.docx
TO:        Board of Directors
FROM:     Susan Stanton,
           Chief Operating Officer –
           Administrative Services

SUBJECT: Watersheds Certificates of Participation,
         Series 2017A – Transaction Closed
DATE:     March 7, 2017

Summary

The Watersheds Certificates of Participation, Series 2017A (the “2017A COPs”) financing successfully closed on schedule on March 7, 2017. Per the Chief Executive Officer Bulletin for the week of February 17 – 23, 2017, the Board was informed of the results of the sale of $59,390,000 of the 2017A COPs which generated 15% or $8.9 million in net present value savings, of which $8.5 million is allocated to various eligible projects in the following watersheds project areas pursuant to the related financing covenants:

<table>
<thead>
<tr>
<th>Project Area</th>
<th>Total</th>
<th>% Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>Coyote</td>
<td>$2,988,936.03</td>
<td>35.02%</td>
</tr>
<tr>
<td>Guadalupe</td>
<td>$1,129,629.52</td>
<td>13.24%</td>
</tr>
<tr>
<td>Lower Peninsula</td>
<td>$3,420,069.48</td>
<td>40.07%</td>
</tr>
<tr>
<td>West Valley</td>
<td>$996,031.60</td>
<td>11.67%</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>$8,534,666.63</strong></td>
<td><strong>100.00%</strong></td>
</tr>
</tbody>
</table>

The final Official Statement dated February 14, 2017, and a Supplement Dated March 3, 2017 which included a discussion of the recent flooding events in San Jose, California on February 21, 2017, are available for download from the following web address:


The Supplement is also attached hereto for Board reference. A hardcopy version of the Official Statement and Supplement is on file with the Clerk of the Board. Updates on the flooding events will be included in the Official Statements of the District’s future financings, including the upcoming Water Utility Refunding Revenue Bonds, Series 2017A which is agendized for Board approval on March 14, 2017.

If you have any questions regarding this transaction, please contact Darin Taylor, Chief Financial Officer, at 408-630-3068.

Susan Stanton
Chief Operating Officer – Administrative Services

Attachment: Supplement Dated March 3, 2017 to Official Statement

30
SUPPLEMENT DATED MARCH 3, 2017

to

OFFICIAL STATEMENT DATED FEBRUARY 14, 2017

Relating to

$59,390,000
SANTA CLARA VALLEY WATER DISTRICT
REFUNDING AND IMPROVEMENT
CERTIFICATES OF PARTICIPATION, SERIES 2017A

This Supplement, dated March 3, 2017 (the “Supplement”), supplements the Official Statement, dated February 14, 2017 (the “Official Statement”), relating to the above-captioned Certificates, as described below. Capitalized terms used herein shall have the definitions provided in the Official Statement.

The following disclosure shall be inserted as a new heading on page 39 of the Official Statement, after the heading “PROJECTED OPERATING RESULTS”:

RECENT FLOODING EVENTS

Following a series of storms, there was a flooding event on the Coyote Creek in San Jose, California on or about February 21, 2017.

The Coyote Creek is approximately 42 miles long and is the longest creek in Santa Clara County. In the southern portion of Santa Clara County, the District owns and maintains the Leroy Anderson Dam and Reservoir along the Coyote Creek near Morgan Hill, California. The Anderson Dam is upstream from the City of San Jose.

After the reservoir reached capacity, water began going over the Anderson Dam spillway on February 18, 2017. The spillover volume peaked on the morning of February 21, 2017, increasing flows on Coyote Creek. Beginning on or about February 21, 2017, some residential and non-residential areas of San Jose along Coyote Creek experienced flooding due to rising water levels. Thousands of residents were temporarily evacuated, and numerous properties experienced flood damage. As of the date of this Supplement, the above-referenced flooding event has ended.

There was a separate flooding event along U.S. Highway 101 in Morgan Hill, California. The District is the owner of the Coyote Canal which runs adjacent to portions of U.S. Highway 101. On or about February 21, 2017, a breach occurred in the canal which resulted in temporary flooding and shutdown of a portion of U.S. Highway 101. The District conducted repairs, and the California Department of Transportation re-opened Highway 101 the same day.

On or about February 27, 2017, the District submitted an Initial Damage Assessment with the County of Santa Clara to seek State and federal reimbursement pursuant to the California Disaster Assistance Act and the Robert T. Stafford Disaster Relief and Emergency Assistance Act, respectively, for an estimated $8.5 million in flood-related emergency costs and damages. This amount includes, but is not limited to, expenses related to labor costs, sediment removal, debris removal, and repairs. As of the date of this Supplement, it is too early to determine the total amount of storm-related damages to the District, or whether the District will be ultimately reimbursed for such storm-related damages. The District currently does not carry flood insurance on its property or its facilities.
Following the flood events, the District received inquiries regarding its claims filing process, so it is expected that claims for damages from owners of property in flooded areas and related litigation may follow. The District cannot predict the outcomes or financial impacts of any potential future litigation or claims, if any, at this time. The District intends to vigorously defend any actions brought against it. As of the date of this Supplement, the District does not anticipate such claims to have a material adverse impact on the District’s ability to collect Flood Control Benefit Assessments. See “SECURITY AND SOURCES OF PAYMENT – Flood Control System Revenues – Benefit Assessments.”
TO: Board of Directors

FROM: Jim Fiedler
Chief Operating Officer
Water Utility Enterprise

SUBJECT: March 17, 2017 Public Workshop on Revised Total Coliform Rule

DATE: March 7, 2017

On March 17, 2017, the State Water Resources Control Board's Division of Drinking Water will be hosting a public workshop on the Revised Total Coliform Rule at District Headquarters. The workshop will be held from 9:00 am to 12:00 pm in the District Board Room. Staff from the Division of Drinking Water will be making presentations and answering questions from the audience. Up to 75 utility personnel from neighboring cities are expected to attend this workshop including staff from the District and our retailers.

An announcement of the workshop is attached.

Jim Fiedler, P.E., D.WRE
Chief Operating Officer
Water Utility Enterprise

Attachment: Notice of Public Workshops: Public Workshops Regarding the Process for Adoption of the Revised Total Coliform Regulations and Presentation of the Draft Regulations
NOTICE OF PUBLIC WORKSHOPS

PUBLIC WORKSHOPS REGARDING THE PROCESS FOR ADOPTION OF THE REVISED TOTAL COLIFORM REGULATIONS AND PRESENTATION OF THE DRAFT REGULATIONS

NOTICE IS HEREBY GIVEN that the staff from the Division of Drinking Water of the State Water Resources Control Board (State Water Board) will conduct six public workshops to discuss the process for adoption of the Revised Total Coliform Regulations (RTCR), and to present the draft regulations. These will be informational workshops only. The Division of Drinking Water will not accept formal comments on the rulemaking and will take no formal action. Details of the public workshops are provided below.

**Thursday, February 23, 2017 – 1:30 p.m.**
Kern County Environmental Health
2700 M Street
Bakersfield, CA 93301

**Friday, February 24, 2017 – 9:00 a.m.**
Woodward Park Regional Library
944 E Perrin Avenue
Fresno, CA 93720

**Tuesday, February 28, 2017 – 9:00 a.m.**
Garden Grove Community Meeting Center
11300 Stanford Avenue
Garden Grove, CA 92840

**March 17, 2017 – 9:00 a.m.**
Santa Clara Valley Water District
Headquarters Building Board Room
5700 Almaden Expressway
San Jose, CA 95118

**Wednesday, March 29, 2017 – 9:00 a.m.**
Joe Serna Jr. – CalEPA Headquarters Building
Sierra Hearing Room
1001 I Street, Second Floor
Sacramento, CA 95814

**Thursday, March 30, 2017 – 9:00 a.m.**
Regional Water Quality Control Board
364 Knolcrest Drive
Redding, CA 96002

**BACKGROUND**
The U.S. Environmental Protection Agency has adopted the Revised Total Coliform Rule which became effective April 1, 2016. Because California has been delegated primacy for enforcing the federal Safe Drinking Water Act, it must adopt regulations at least as stringent as the federal Revised Total Coliform Rule. The State Water Resources Control Board is in the process of promulgating and adopting the California Revised Total Coliform Regulations (RTCR).

**WORKSHOP OVERVIEW**
The purpose of this workshop is to describe the process for adoption of the regulations, present the proposed draft of the California RTCR, and solicit input on the draft regulations. The workshop will include a staff presentation on the draft regulations including where they differ from the federal RTCR. The staff presentation will be followed by an opportunity for the public to ask questions and participate in the discussion. The State Water Board is interested in including all interested parties including residents, business owners, local government representatives, public water systems and other stakeholders in the discussion.
The State Water Board intends to publish the notice of proposed rulemaking, including the proposed regulations, for public comment later in 2017, and to hold a public hearing at the close of the formal comment period as will be set forth in the notice of proposed rulemaking. The staff expects to submit the final regulations to the State Water Board for adoption in late 2017 or early 2018.

DOCUMENT AVAILABILITY
More information and a copy of the proposed draft Revised Total Coliform Regulations and be found here:
http://www.waterboards.ca.gov/drinking_water/certlic/drinkingwater/rtcr.shtml

PROCEDURAL MATTERS
While members of the State Water Board, and perhaps a quorum of members, may be present at one or more of the workshops, the Board will not take formal action at the workshops. The State Water Board and Division of Drinking Water staff may ask clarifying questions.

JOE SERNA, JR. (CAL/EPA) BUILDING PARKING AND ACCESSIBILITY
For directions to the Joe Serna, Jr. (Cal/EPA) Building and public parking information, please refer to the map on the State Water Board web site at: http://www.calepa.ca.gov/EPAbldg/location.htm.

The Cal/EPA Building is accessible to persons with disabilities. Individuals requiring special accommodations are requested to call (916) 341-5880 at least five working days prior to the meeting. Telecommunications Device for the Deaf (TDD) users may contact the California Relay Service at (800) 735-2929 or voice line at (800) 735-2922. An audio broadcast of the meeting will be available via the Internet and can be accessed at: http://www.calepa.ca.gov/broadcast.

All visitors to the Cal/EPA Building are required to sign in and obtain a badge at the Visitor Services Center located just inside the main entrance (10th Street entrance). Valid picture identification may be required. Please allow up to 15 minutes for receiving security clearance.

FUTURE NOTICES RELATED TO THESE WORKSHOPS
The State Water Board will hold the public workshops at the time and place noted above. Change in the date, time, and place of these public workshops will be posted to the State Water Board main web page at http://www.waterboards.ca.gov/drinking_water/programs/index.shtml under “Announcements”.

CONTACT INFORMATION
Please direct all questions regarding these workshops to the following email address: RTCR@waterboards.ca.gov. Once the Notice of Proposed Rulemaking has been issued and the formal rulemaking process has begun, all comments must be submitted in compliance with the requirements of the Notice.
District List of Key Flood Risk Reduction and Water Supply Projects
The inauguration of President Trump and numerous infrastructure failures and flooding brought on by recent storms have triggered a national conversation about infrastructure investments. District staff has compiled the attached list of key flood risk reduction and water supply projects (Attachment 1) to inform state and federal officials as they respond to recent infrastructure and flooding concerns and seek to identify projects for a federal expansion in infrastructure investments.

The National Governors Association Letter
On February 7, 2017, in response to a request from the National Governors Association, the Office of Governor Brown released what it called "California’s initial list of key infrastructure projects" (Attachment 2) that included more than $100 billion in proposed improvements for transportation, water, energy, military, and emergency operations facilities. The initial list includes items of interest to the District such as low interest loans for water users funding the California Water Fix, and a project to enlarge San Luis Reservoir and to improve the resiliency of the B.F. Sisk Dam.

Following the announcement, staff contacted Brown Administration officials and were assured that the Governor’s letter was only an "initial list" and were encouraged to suggest District projects of statewide and national significance for inclusion in the Governor’s efforts to secure federal funding.

Coyote Creek Flooding
The February 21 flooding of the Rock Springs neighborhood and surrounding areas in San Jose again focused the nation on water and flood control infrastructure. Staff now seeks to leverage increased awareness to seek state and federal funding for District flood protection and water supply projects.

State Level Funding Opportunities
On February 24, 2017, Governor Brown announced a plan to increase dam safety and flood protection, called for expanded funding for transportation and water infrastructure, referenced his previous initial list of key infrastructure projects, and stated his office is engaging in “expedited review” of additional projects.

The District’s infrastructure list has been shared with the Governor’s Office and with senior leadership at the California Natural Resources Agency. The list also will be used by staff to seek favorable amendments to AB 18 (E. Garcia) and SB 5 (De Leon), the proposed state general obligation bonds for parks and water. Select California legislative staff working on state bond measures in both the Senate and the Assembly have received the District’s list.

Staff is seeking to increase the amount of state funding for which District projects would be eligible and to enlist the Governor’s Office in advocating for federal funding for specific high profile District projects.

Federal Level Funding Opportunities
President Trump has said that he wants to spend $1 trillion on infrastructure and staff is working to ensure that District projects are considered and receive funding that becomes available. As we are still in a budget continuing resolution, we are seeking Board approval of our updated Fiscal Year 2017 and Fiscal Year 2018 appropriations in late March. Staff will use this information in our advocacy efforts in Washington, D.C. in May. We are looking not only to seek funding of our existing flood protection
projects, but also to obtain funding for the projects under our recycled water program, for seismic retrofits of our dams, and for flood protection along Coyote Creek to address recent flood events.

With respect to Coyote Creek, staff have reached out to our federal delegation who represent the areas impacted by the recent flood events and have conducted an initial briefing and tour with Representative Lofgren. The Representative gave her commitment to support our efforts as we seek funding to provide flood protection improvements. A second briefing and tour is scheduled with staffers from Representative Khanna's office, and Senators Feinstein and Harris. Additional briefings and tours are being planned.

Deputy Administrative Officer

Attachment # 1: District List of Key Flood Risk Reduction and Water Supply Projects
Attachment # 2: National Governors Association Response and List
<table>
<thead>
<tr>
<th>Project Name</th>
<th>Project Description</th>
<th>Type</th>
<th>Shovel Ready Date</th>
<th>Project Cost</th>
<th>Number of Jobs Created*</th>
</tr>
</thead>
<tbody>
<tr>
<td>Addressing the February 21, 2017 San Jose Flood along Coyote Creek and Additional Flood Risk due to Seismic Concerns - $1 Billion</td>
<td>Coyote Creek drains Santa Clara County's largest watershed, an area of more than 320 square miles encompassing most of the eastern foothills, the City of Milpitas, and portions of the Cities of San Jose and Morgan Hill. It flows northward from Anderson Reservoir through more than 40 miles of rural and heavily urbanized areas and empties into south San Francisco Bay.  The federally-supported lower Coyote Creek Project (San Francisco Bay to Montague Expressway) was completed in 1996 and protects homes and businesses in the northern parts of San Jose and Milpitas. As evidenced from the flooding in February 2017, the reaches upstream of the completed federal flood protection project need to be protected as well.</td>
<td>Flood Protection</td>
<td>TBD</td>
<td>$300M**</td>
<td>6200</td>
</tr>
<tr>
<td>Coyote Creek Watershed Flood Protection Project</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Anderson Dam Seismic Retrofit Project</td>
<td>Retrofit of dam to bring to current seismic standards and enlarge the water release outlet. This is the District's largest of 10 reservoirs and provides about 90,000 acre feet of water storage and is critical to the drinking water supply for Santa Clara County.</td>
<td>Surface Water Storage and Flood Protection</td>
<td>2020-2025 (permit dependent)</td>
<td>$400M</td>
<td>4960</td>
</tr>
<tr>
<td>Upper Penitencia Creek Flood Protection Project</td>
<td>Construct Upper Penitencia Creek Flood Protection Project to provide flood protection for over 5000 residential, high-tech and commercial properties in a section of northeast San Jose as well as City of Milpitas. A 100-year flood is estimated to cause $455 million in damage.</td>
<td>Flood Protection</td>
<td>Study to be completed spring 2018</td>
<td>$118.8M estimate</td>
<td>1473</td>
</tr>
<tr>
<td>Protecting the Silicon Valley Economic Engine from Tidal and Storm Flooding - $200 Million</td>
<td>Construct the South San Francisco Shoreline project to provide tidal flood protection for Santa Clara County's low-lying communities along the shoreline which includes residents, businesses, 3 wastewater facilities and the Silicon Valley Advanced Water Purification Center. Many well known Silicon Valley high tech businesses are located along this corridor and would be impacted by flooding. This could devastate not only our local economy but our national economy as well. A 100-year flood is estimated to cause $6,148 in damage.</td>
<td>Flood Protection</td>
<td>2018</td>
<td>$174M for Phase 1; $350K to initiate study on Phase 2</td>
<td>2158</td>
</tr>
<tr>
<td>South San Francisco Bay Shoreline Project</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>San Francisquito Flood Protection Project</td>
<td>The District is a member agency on this project (led by San Francisquito Creek Joint Powers Authority). This project will provide flood protection to over 5500 homes, schools, and businesses in Palo Alto, East Palo Alto, and Menlo Park. A 100-year flood is estimated to cause $135M in damage.</td>
<td>Flood Protection</td>
<td>2020</td>
<td>$6.2M for the planning study; $20M estimate for baseline project</td>
<td>245</td>
</tr>
<tr>
<td>Lower Silver Creek Flood Protection Project</td>
<td>The Lower Silver Creek Flood Protection Project provides flood flood protection to 3800 homes, schools, and businesses in the northeast section of the City of San Jose. A 100-year flood would cause $51M in damage.</td>
<td>Flood Protection</td>
<td>In construction</td>
<td>$15M needed to complete construction of Reach 6B. Confirming if this value correctly includes Lake Cunningham.</td>
<td>186</td>
</tr>
<tr>
<td>Project Description</td>
<td>Category</td>
<td>Completion Date</td>
<td>Estimated Cost</td>
<td></td>
<td></td>
</tr>
<tr>
<td>------------------------------------------------------------------------------------</td>
<td>--------------------------</td>
<td>-----------------</td>
<td>----------------</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Expedited Recycled and Purified Water Program</td>
<td>Water Recycling</td>
<td>TBD</td>
<td>$813.6M</td>
<td></td>
<td></td>
</tr>
<tr>
<td>San Luis Lowpoint Improvement Project</td>
<td>Water Supply</td>
<td>Study to be completed December 2017</td>
<td>The estimated project costs are being developed.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Calero Dam Seismic Retrofit Project</td>
<td>Surface Water Storage</td>
<td>2020-2025 (permit dependent)</td>
<td>$75M</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Guadalupe Dam Seismic Retrofit Project</td>
<td>Surface Water Storage</td>
<td>2020-2025 (permit dependent)</td>
<td>$65M</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Almaden Dam Seismic Retrofit Project</td>
<td>Surface Water Storage</td>
<td>2020-2025 (permit dependent)</td>
<td>$40M</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Upper Guadalupe Flood Protection Project - Reaches 7 &amp; 8</td>
<td>Flood Protection</td>
<td>Summer 2018</td>
<td>$35.1M for construction of Reaches 7 and 8</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Llagas Creek Flood Protection Project</td>
<td>Flood Protection</td>
<td>Phase I construction: December 2017</td>
<td>$110M estimated construction costs: Phase 1 $35M, Phase 2 $75M</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Uvas Creek Erosion Repair Project</td>
<td>Flood Protection</td>
<td>2018</td>
<td>$1.5M Planning &amp; Design, $3.5 M Construction</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Priority Watershed and Flood Protection Projects - $170 Million

Note: This list includes projects that are currently under development or have been completed. The estimated costs and completion dates are subject to change. The projects are designed to improve the resilience of the water supply system in Santa Clara County and beyond, ensuring a reliable and sustainable water supply for the region.
| Almaden Lake Improvement Project | The Almaden Lake Improvement Project would evaluate alternatives aimed to reduce impacts from mercury-containing sediment to water quality and habitat, and high water temperatures and predation to anadromous fish in Almaden Lake. This project would address: 1. Requirements of the 2008 Basin Plan Amendment of the San Francisco Regional Water Quality Control Board requiring the district to control the production and release of methylmercury from Almaden Lake. 2. Impacts from Almaden Lake to anadromous fish. | Water Infrastructure | Design to be completed in next couple of years | Construction costs estimated at $20M | 248 |

*Formula every $1M in construction costs equals 12.4 direct and indirect jobs. Used total project cost or construction costs if identified for calculation.

**This is an estimate
OFFICE OF THE GOVERNOR

February 7, 2017

Scott D. Pattison
National Governors Association Executive Director & Chief Executive Officer
444 North Capitol Street, Suite 267
Washington, D.C. 20001

Dear Mr. Pattison:

Per your request, attached is California’s initial list of key infrastructure projects, representing more than $100 billion in targeted investment across the state. These investments will build and improve: roads; levees; bridges; ports; train and public transit systems; water storage and recycling projects; as well as energy, military, veterans and emergency operations facilities and services.

In the short-term, these projects will benefit businesses up and down the state and put thousands to work – many in communities with the highest rates of unemployment. Long-term, this investment will have lasting, expansive economic benefits by moving goods and people faster, protecting vulnerable communities from flooding, bolstering emergency response capabilities, saving and storing more water and improving energy reliability.

To prepare for the future – and complement federal investments – California is doing its part by working on legislation to ensure a permanent and sustainable funding stream is in place to further support road, highway and other critical infrastructure construction and improvements – part of a 10-year transportation investment plan.

California is home to one out of every eight Americans and when we build in California, we build for America.

Sincerely,

Nancy E. McFadden
Executive Secretary
<table>
<thead>
<tr>
<th>Project</th>
<th>Sector</th>
<th>Revenue Stream</th>
<th>State</th>
</tr>
</thead>
<tbody>
<tr>
<td>Widen and replace critical interchanges on I-710 (South Corridor Project Phase 1) to</td>
<td>Highway and Bridge</td>
<td>No</td>
<td>CA</td>
</tr>
<tr>
<td>improve freight corridor service to the ports of LA and Long Beach.</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Strengthen Otay Mesa Mexican border security with a new port of entry for secure and</td>
<td>Highway and Bridge</td>
<td>Yes - Tolls</td>
<td>CA</td>
</tr>
<tr>
<td>efficient crossings.</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Construct 16 miles of managed express lanes in major commute corridors on I-405 in</td>
<td>Highway and Bridge</td>
<td>Yes - Managed Lanes</td>
<td>CA</td>
</tr>
<tr>
<td>Orange County.</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Construct express lanes on Highway 15 in Riverside County between Cajalco Road and</td>
<td>Highway and Bridge</td>
<td>Yes - Managed Lanes</td>
<td>CA</td>
</tr>
<tr>
<td>SR 60, a major freight and regional corridor.</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Construct express lanes on I-10 in San Bernardino County between the LA County line and</td>
<td>Highway and Bridge</td>
<td>Yes - Managed Lanes</td>
<td>CA</td>
</tr>
<tr>
<td>SR 15, a major freight and regional corridor.</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Replace the Gerald Desmond Bridge, a vital bridge for freight movement to and from</td>
<td>Highway and Bridge</td>
<td>No</td>
<td>CA</td>
</tr>
<tr>
<td>ports of LA and Long Beach.</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Construct multi-county express lane network to relieve Bay Area congestion for freight</td>
<td>Highway and Bridge</td>
<td>Yes - Managed Lanes</td>
<td>CA</td>
</tr>
<tr>
<td>Improve highway interchange and truck scales at the I-80/I-880 Highway interchange.</td>
<td>Highway and Bridge</td>
<td>Yes</td>
<td>CA</td>
</tr>
<tr>
<td>Expand I-5 HOV lanes in Sacramento County from the City of Sacramento to City of Elk Grove.</td>
<td>Highway and Bridge</td>
<td>No</td>
<td>CA</td>
</tr>
<tr>
<td>Build new lanes and interchanges on SR 99 through Tulare, Madera, Livingston, Turlock</td>
<td>Highway and Bridge</td>
<td>No</td>
<td>CA</td>
</tr>
<tr>
<td>and Fresno in the San Joaquin Valley.</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Construct new connectors to improve freight movement and congestion in Bakersfield and</td>
<td>Highway and Bridge</td>
<td>No</td>
<td>CA</td>
</tr>
<tr>
<td>Kern County on the SR 99/58 corridor.</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Construct HOV lanes connecting Ventura and Santa Barbara along US 101.</td>
<td>Highway and Bridge</td>
<td>Yes - Managed Lanes</td>
<td>CA</td>
</tr>
<tr>
<td>Build four express lanes on Highway 158, a major freight and regional connector in</td>
<td>Highway and Bridge</td>
<td>No</td>
<td>CA</td>
</tr>
<tr>
<td>Monterey and San Benito Counties.</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Replace substandard rail and highway grade separation on I-5 from Redding to Anderson.</td>
<td>Highway and Bridge</td>
<td>Yes - Managed Lanes</td>
<td>CA</td>
</tr>
<tr>
<td>Complete HOV lanes on US 101 through Marin and Sonoma.</td>
<td>Highway and Bridge</td>
<td>No</td>
<td>CA</td>
</tr>
<tr>
<td>Construct 3 miles of rail in the North Coast I-5 Multimodal Corridor in San Diego and</td>
<td>Highway, Bridge and Rail</td>
<td>Yes - Managed Lanes</td>
<td>CA</td>
</tr>
<tr>
<td>complete 23 miles of new managed lanes.</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Expand and improve Los Angeles Metro Transit (Purple Line, Airport Connector, Orange Line</td>
<td>Rail and Transit</td>
<td>Yes - Fares</td>
<td>CA</td>
</tr>
<tr>
<td>BRT) to benefit commuters and the 2024 Olympic bid.</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Modernize and replace LA Metro rail fleet and service.</td>
<td>Rail and Transit</td>
<td>Yes - Fares</td>
<td>CA</td>
</tr>
<tr>
<td>Link Santa Ana and Garden Grove with the Orange County Streetcar Project.</td>
<td>Rail and Transit</td>
<td>Yes - Fares</td>
<td>CA</td>
</tr>
<tr>
<td>Extend BART to San Jose Project.</td>
<td>Rail and Transit</td>
<td>Yes - Fares</td>
<td>CA</td>
</tr>
<tr>
<td>Electrify the Caltrain Peninsula Corridor.</td>
<td>Rail and Transit</td>
<td>Yes - Fares</td>
<td>CA</td>
</tr>
<tr>
<td>Expand and replace BART and Muni rail fleet.</td>
<td>Rail and Transit</td>
<td>Yes - Fares</td>
<td>CA</td>
</tr>
<tr>
<td>Construct streetcar system in Sacramento and improve the regional transit vehicle fleet.</td>
<td>Rail and Transit</td>
<td>Yes - Fares</td>
<td>CA</td>
</tr>
<tr>
<td>Project</td>
<td>Sector</td>
<td>Revenue Stream</td>
<td>State</td>
</tr>
<tr>
<td>------------------------------------------------------------------------</td>
<td>-------------------------</td>
<td>----------------</td>
<td>-------</td>
</tr>
<tr>
<td>Expand the ongoing Central Valley to Silicon Valley High-Speed Rail construction to include service from San Francisco to San Jose, Merced to San Jose, North of Bakersfield to Bakersfield, and construct the Southern California improvements from Burbank to Anaheim, benefiting High-Speed Rail, freight, commuter rail and the 2024 Olympic bid.</td>
<td>Rail and Transit</td>
<td>Yes - Fares</td>
<td>CA</td>
</tr>
<tr>
<td>Reconfigure and expand Port of Long Beach Pier B On-Dock Rail Support Facility. Build out the Earthquake Early Warning System to alert public and California private industries, utilities and critical infrastructure sectors before major earthquakes. Upgrade the State Public Safety Telecommunications Network with next generation 911 capabilities.</td>
<td>Rail and Sea Port</td>
<td>Yes</td>
<td>CA</td>
</tr>
<tr>
<td>Expand and integrate satellite and broadband towers to enhance coverage in rural areas. Modernize the California Specialized Training Institute in San Luis Obispo to improve training capabilities for first responders and emergency managers. Build a Northern California Regional Emergency Operations Center in Fairfield to consolidate two outdated facilities that serve 47 counties in the northern, coastal and central regions. Build a Southern California Regional Emergency Operations Center at the Joint Forces Training Base in Los Alamitos to serve as the primary operation and coordination center and defense support for the National Guard. Repair and modernize Los Alamitos Airfield for critical emergency operations. Modernize the Army National Guard's helicopter maintenance facility in Fresno, which serves 13 western states. Replace outdated skilled nursing facility at Yountville Veterans Home, the nation's largest veterans home. Facilitate low-interest loans for water users funding California Water Fix, a major upgrade to Sacramento-San Joaquin Delta conveyance infrastructure to improve water quality, ecosystems and reliability of water deliveries. Construct Recharge Fresno Project to improve pipelines and water system facilities that will capture, treat and deliver water to Fresno homes and businesses. Enlarge the San Luis Reservoir and improve resiliency of existing dam. Reduce flooding risk to the City of Marysville and critical hospital infrastructure with the Marysville Ring Levee Project. Raise Folsom Dam to improve flood protection for Sacramento region and improve dam safety. Construct the Lower Elkhorn Basin Levee Setback Project to expand the capacity of the Yolo and Sacramento Bypasses to improve flood protection in the Sacramento region. Construct the American River Common Features Natomas Basin Project, to reduce the risk of flooding in the Sacramento region.</td>
<td>Emergency Response</td>
<td>Yes - Private</td>
<td>CA</td>
</tr>
<tr>
<td></td>
<td>Emergency Response</td>
<td>Yes</td>
<td>CA</td>
</tr>
<tr>
<td></td>
<td>Emergency Response</td>
<td>Yes</td>
<td>CA</td>
</tr>
<tr>
<td></td>
<td>Emergency Response</td>
<td>Yes</td>
<td>CA</td>
</tr>
<tr>
<td></td>
<td>Emergency Response</td>
<td>No</td>
<td>CA</td>
</tr>
<tr>
<td></td>
<td>Emergency Response</td>
<td>No</td>
<td>CA</td>
</tr>
<tr>
<td></td>
<td>Emergency Response/Military</td>
<td>No</td>
<td>CA</td>
</tr>
<tr>
<td></td>
<td>Military</td>
<td>No</td>
<td>CA</td>
</tr>
<tr>
<td></td>
<td>Military</td>
<td>No</td>
<td>CA</td>
</tr>
<tr>
<td></td>
<td>Veterans</td>
<td>No</td>
<td>CA</td>
</tr>
<tr>
<td></td>
<td>Water Reliability</td>
<td>Yes</td>
<td>CA</td>
</tr>
<tr>
<td></td>
<td>Water Reliability</td>
<td>Yes</td>
<td>CA</td>
</tr>
<tr>
<td></td>
<td>Surface Storage</td>
<td>Yes</td>
<td>CA</td>
</tr>
<tr>
<td></td>
<td>Flood Control</td>
<td>Yes</td>
<td>CA</td>
</tr>
<tr>
<td></td>
<td>Flood Control</td>
<td>No</td>
<td>CA</td>
</tr>
<tr>
<td></td>
<td>Flood Control</td>
<td>Yes</td>
<td>CA</td>
</tr>
<tr>
<td></td>
<td>Flood Control</td>
<td>No</td>
<td>CA</td>
</tr>
<tr>
<td>Project</td>
<td>Sector</td>
<td>Revenue Stream</td>
<td>State</td>
</tr>
<tr>
<td>------------------------------------------------------------------------</td>
<td>--------------</td>
<td>----------------</td>
<td>-------</td>
</tr>
<tr>
<td>Rehabilitate existing levees and make other improvements in the Sacramento River Bank Protection Project.</td>
<td>Flood Control</td>
<td>No</td>
<td>CA</td>
</tr>
<tr>
<td>Construct the Los Angeles Regional Recycled Water Program to purify water currently being discharged to the ocean for recharging groundwater basins.</td>
<td>Water Recycling</td>
<td>Yes</td>
<td>CA</td>
</tr>
<tr>
<td>Construct the Pure Water Monterey Project to implement advanced water recycling technology in Monterey County.</td>
<td>Water Recycling</td>
<td>Yes</td>
<td>CA</td>
</tr>
<tr>
<td>Construct the Pure Water San Diego Phase 1 Projects to implement advanced water recycling technology in the San Diego region.</td>
<td>Water Recycling</td>
<td>Yes</td>
<td>CA</td>
</tr>
<tr>
<td>Construct the North Bay Water Reuse Project to provide reliable recycled water for the counties of Marin, Sonoma and Napa counties.</td>
<td>Water Recycling</td>
<td>No</td>
<td>CA</td>
</tr>
<tr>
<td>Construct the San Francisco Westside Recycled Water Project to replace the use of drinking water with recycled water for irrigation.</td>
<td>Water Recycling</td>
<td>Yes</td>
<td>CA</td>
</tr>
<tr>
<td>Restore habitat and improve dust suppression at the Salton Sea.</td>
<td>Ecosystem Enhancement</td>
<td>No</td>
<td>CA</td>
</tr>
<tr>
<td>Build a 1,300 MW pumped hydroelectric energy storage project in Riverside County near the town of Desert Center.</td>
<td>Energy</td>
<td>Yes - Private</td>
<td>CA</td>
</tr>
<tr>
<td>Add 500 MW of energy storage capability to the San Vicente Reservoir to enhance reliability of the electricity grid.</td>
<td>Energy</td>
<td>Yes - Private</td>
<td>CA</td>
</tr>
<tr>
<td>Complete multiple upgrades to current electrical grid infrastructure, including investments to improve security.</td>
<td>Energy</td>
<td>No</td>
<td>CA</td>
</tr>
</tbody>
</table>
TO: Board of Directors

SUBJECT: California WaterFix Fast Facts publication issued by the California Natural Resources Agency

FROM: James M. Fiedler

DATE: March 9, 2017

On February 28, 2017, the California Natural Resources Agency released the attached publication of California WaterFix Fast Facts which summarizes progress over the last several years and provides an update on the status of the regulatory and permitting actions associated with the proposed project. To view this publication online, click here: California WaterFix Fast Facts February 2017

James M. Fiedler, P.E., D.WRE
Chief Operating Officer, Water Utility Enterprise
CALIFORNIA WATERFIX: SIGNIFICANT PROGRESS AND NEXT STEPS

California WaterFix is the state's plan to upgrade outdated infrastructure in the Sacramento-San Joaquin Delta (Delta) to secure California's water supplies and improve the Delta's ecosystem. Over the last ten years the project has made significant progress, with 2016 marking completion of the environmental review documents.

An unprecedented level of public review, comment, and scientific input has helped refine and improve the proposed project. Below is a snapshot of major WaterFix milestones.

**PUBLIC INVOLVEMENT & INPUT**

<p>| | | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>3</td>
<td>Public review environmental documents</td>
<td>OVER 650 Working group meetings, stakeholder presentations / Q&amp;As, and public meetings</td>
</tr>
<tr>
<td></td>
<td>FINAL B1/B3S</td>
<td></td>
</tr>
<tr>
<td>1</td>
<td>Notice and review of final environmental document</td>
<td>OVER 10k Fact sheets, executive summaries, DVDs, comment cards, etc. distributed to the public</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>341</td>
<td>Days of public comment</td>
<td></td>
</tr>
</tbody>
</table>

**WATER DELIVERY UPGRADE**

Two tunnels up to 150' below ground designed to protect California's water supplies from sea level rise, earthquakes, floods and levee failure.

Three new intakes located farther upstream closer to higher quality water and away from endangered species habitats.

Gravity-fed tunnels to move water naturally and more efficiently with reduced harm to fish.

A full suite of online information - videos, animations, webinars, frequently asked questions, multilingual materials, toll-free hotline, and brochures - available at

www.californiawaterfix.com and

www.baydeltaconservationplan.com
JANUARY 2017

Aquatic Science Peer Review Phase 2B conducted by the Delta Stewardship Council’s Delta Science Program, representing an independent scientific evaluation of draft sections of U.S. Fish and Wildlife Service (USFWS) and National Marine Fisheries Service (NMFS) Biological Opinions on California WaterFix for all federal Endangered Species Act (ESA)-listed aquatic species and their critical habitat.

DECEMBER 2016

California Department of Water Resources (DWR) and U.S. Bureau of Reclamation (Reclamation) release Final Environmental Impact Report/Environmental Impact Statement (EIR/EIS). The documents describe and analyze alternatives, including the preferred alternative, discuss potential environmental impacts, identify mitigation measures that would help avoid or minimize impacts, and provide responses to all substantive comments received on the draft environmental review documents.

Aquatic Science Peer Review Phase 2A conducted by the Delta Stewardship Council’s Delta Science Program, representing an independent scientific evaluation of the Adaptive Management Framework and use of best available scientific information in the 2081(b) permit application analyses.

Publication of map depicting areas dependent on water imported through the Delta.

OCTOBER 2016

DWR submits incidental take permit application to the California Department of Fish and Wildlife (CDFW) pursuant to Section 2081(b) of the California Endangered Species Act.

Op-ed by DWR Director on the need to operate as “one state” to find water solutions together.

Op-ed by California Natural Resources Agency (CNRA) Secretary on the anniversary of the Loma Prieta earthquake as a reminder that California needs to safeguard its water supplies against eventual future disasters.
AUGUST - SEPTEMBER

DWR and Reclamation submit the biological assessment to USFWS and NMFS, which is required to obtain incidental take authorization under the federal ESA.

- Biological Assessment
- Adaptive Management Framework

Publication of fact sheet outlining how much water could have been captured and stored in early 2016 if WaterFix were in place.

- Fact Sheet: How Much Water Could We Have Stored?

JULY

DWR and Reclamation begin presenting their case in chief during Part 1A of the State Water Resources Control Board (SWRCB) WaterFix Water Right Change Petition hearings. The public hearings are focused on DWR's request to add three new points of diversion to the State Water Project, with coordinated operations for the Central Valley Project.

- Updates on the State Water Board Change Petition Hearing
- California Natural Resources Agency Press Release
- Intake Construction Sequence Animation

- Op-ed by DWR Director discusses critical need to strategically plan for California's water future, including upgrading outdated infrastructure.

- Op-ed: Planning for California's Water Future

JUNE

Release of fact sheet covering project details and outlining critical importance to California.

- Fact Sheet: Fast Facts
DWR and Reclamation submit testimony and evidence to the SWRCB for the Water Right hearings

Op-ed by CNRA Secretary highlights the state's significant reliance on water from the Delta, and the integral role it plays in implementing local water projects

Aquatic Science Peer Review conducted by the Delta Stewardship Council's Delta Science Program, representing an independent scientific evaluation of the methods and approaches (including the working draft biological assessment) for developing the joint Biological Opinion requirements and analyses prepared for the CDFW 2081(b) Incidental Take Permit application

Publication of new fact sheet discussing Delta water quality and associated project impacts

Op-ed by CNRA Secretary covers the importance of improving the current system to allow for the capture of high flows when available, including specific details on missed opportunities to capture and store a significant amount of water this winter

DWR and Public Water Agencies release tentative agreement that seeks to ensure accountability, transparency, and safe, timely, cost-effective and efficient project completion

DWR and Reclamation release a working draft biological assessment for California WaterFix
Below is an update on the status of the regulatory and permitting actions associated with California WaterFix.

<table>
<thead>
<tr>
<th>REGULATORY PROCESSES AND PERMITS</th>
<th>STATUS</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>1 CALIFORNIA ENVIRONMENTAL QUALITY ACT / NATIONAL ENVIRONMENTAL POLICY ACT (CEQA/NEPA)</strong></td>
<td><img src="https://example.com/refresh-icon" alt="Refresh" /></td>
</tr>
<tr>
<td><strong>CURRENT</strong> Final EIR/EIS released on December 22, 2016</td>
<td>✔</td>
</tr>
<tr>
<td></td>
<td>Reclamation issued NEPA required 30-day Notice of Availability for the Final EIR/EIS on December 30, 2016</td>
</tr>
<tr>
<td><strong>NEXT STEPS</strong> Reclamation issues Record of Decision (ROD), which will also include consideration of final biological opinions issued under ESA Section 7</td>
<td><img src="https://example.com/expected-icon" alt="Expected" /> SPRING 2017</td>
</tr>
<tr>
<td></td>
<td>▶ DWR certifies the Final EIR/EIS, including that it is in compliance with CEQA</td>
</tr>
<tr>
<td></td>
<td>▶ If DWR chooses to approve a project, it will adopt &quot;CEQA Findings,&quot; an MMRP, and if appropriate, a Statement of Overriding Considerations as part of project approval</td>
</tr>
<tr>
<td></td>
<td>▶ DWR issues a Notice of Determination (NOD)</td>
</tr>
<tr>
<td><strong>2 ENDANGERED SPECIES ACT (ESA) SECTION 7 CONSULTATION</strong></td>
<td><img src="https://example.com/refresh-icon" alt="Refresh" /></td>
</tr>
<tr>
<td><strong>CURRENT</strong> Biological assessment submitted to USFWS and NMFS and engaged in formal consultation</td>
<td>✔</td>
</tr>
<tr>
<td><strong>NEXT STEPS</strong> USFWS and NMFS issue final Biological Opinion</td>
<td><img src="https://example.com/expected-icon" alt="Expected" /> SPRING 2017</td>
</tr>
<tr>
<td><strong>3 NATIONAL HISTORIC PRESERVATION ACT (NHPA) SECTION 106 COMPLIANCE</strong></td>
<td><img src="https://example.com/refresh-icon" alt="Refresh" /></td>
</tr>
<tr>
<td><strong>CURRENT</strong> Final Programmatic Agreement completed and signed</td>
<td><img src="https://example.com/expected-icon" alt="Expected" /> FEBRUARY 2017</td>
</tr>
<tr>
<td><strong>NEXT STEPS</strong> Develop Draft Programmatic Historic Properties Treatment Plan</td>
<td><img src="https://example.com/expected-icon" alt="Expected" /> SPRING 2017</td>
</tr>
<tr>
<td><strong>4 CALIFORNIA DEPARTMENT OF FISH AND WILDLIFE (CDFW) 2081(B) PERMIT</strong></td>
<td><img src="https://example.com/refresh-icon" alt="Refresh" /></td>
</tr>
<tr>
<td><strong>CURRENT</strong> Incidental take permit application submitted to CDFW on October 5, 2016</td>
<td>✔</td>
</tr>
<tr>
<td><strong>NEXT STEPS</strong> CDFW determines whether to issue permit</td>
<td><img src="https://example.com/expected-icon" alt="Expected" /> SPRING 2017</td>
</tr>
<tr>
<td><strong>5 SECTION 401 OF THE CLEAN WATER ACT - WATER QUALITY CERTIFICATION</strong></td>
<td><img src="https://example.com/refresh-icon" alt="Refresh" /></td>
</tr>
<tr>
<td><strong>CURRENT</strong> Application for Water Quality Certification submitted to SWRCB on September 24, 2015</td>
<td>✔</td>
</tr>
<tr>
<td><strong>NEXT STEPS</strong> SWRCB determines whether to issue certification</td>
<td><img src="https://example.com/expected-icon" alt="Expected" /> LATE 2017</td>
</tr>
<tr>
<td><strong>6 CDFW LAKE AND STREAMBED ALTERATION AGREEMENT, SECTION 1602</strong></td>
<td><img src="https://example.com/refresh-icon" alt="Refresh" /></td>
</tr>
<tr>
<td><strong>CURRENT</strong> DWR preparing permit application for submittal to CDFW</td>
<td><img src="https://example.com/expected-icon" alt="Expected" /> SPRING 2017</td>
</tr>
<tr>
<td><strong>NEXT STEPS</strong> CDFW determines whether to issue permit</td>
<td><img src="https://example.com/expected-icon" alt="Expected" /> SUMMER 2017</td>
</tr>
</tbody>
</table>
### REGULATORY PROCESSES AND PERMITS

<table>
<thead>
<tr>
<th><strong>7</strong></th>
<th>U.S. ARMY CORPS OF ENGINEERS (USACE) SECTION 404 PERMIT</th>
</tr>
</thead>
<tbody>
<tr>
<td>CURRENT</td>
<td>Section 404 Permit application submitted on September 9, 2015</td>
</tr>
<tr>
<td></td>
<td>Compensatory Mitigation Strategy completed Fall 2016</td>
</tr>
<tr>
<td>NEXT STEPS</td>
<td>Finalize alternatives analysis</td>
</tr>
<tr>
<td></td>
<td>USACE determines whether to issue permit</td>
</tr>
<tr>
<td>STATUS</td>
<td><img src="status1" alt="status" /></td>
</tr>
<tr>
<td></td>
<td><img src="status2" alt="status" /></td>
</tr>
<tr>
<td></td>
<td><img src="status3" alt="status" /></td>
</tr>
<tr>
<td></td>
<td><img src="status4" alt="status" /></td>
</tr>
<tr>
<td></td>
<td><img src="status5" alt="status" /></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th><strong>8</strong></th>
<th>STATE WATER RESOURCES CONTROL BOARD (SWRCB) CHANGE PETITION</th>
</tr>
</thead>
<tbody>
<tr>
<td>CURRENT</td>
<td>Presentation of Part 1B cases-in-chief concluded on December 14, 2016</td>
</tr>
<tr>
<td>NEXT STEPS</td>
<td>Conduct rebuttal for Part 1 cases-in-chief, and then conduct Part 2 of the Water Right hearing addressing the effects of the project on fish and wildlife</td>
</tr>
<tr>
<td>STATUS</td>
<td><img src="status1" alt="status" /></td>
</tr>
<tr>
<td></td>
<td><img src="status2" alt="status" /></td>
</tr>
<tr>
<td></td>
<td><img src="status3" alt="status" /></td>
</tr>
<tr>
<td></td>
<td><img src="status4" alt="status" /></td>
</tr>
<tr>
<td></td>
<td><img src="status5" alt="status" /></td>
</tr>
<tr>
<td></td>
<td><img src="status6" alt="status" /></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th><strong>9</strong></th>
<th>DELTA STEWARDSHIP COUNCIL</th>
</tr>
</thead>
<tbody>
<tr>
<td>NEXT STEPS</td>
<td>DWR may determine that California WaterFix is a covered action consistent with the Delta Plan and regulations, and in such event, would file a certification of consistency with the Council. The Council would have appellate authority over DWR’s consistency determination</td>
</tr>
<tr>
<td>STATUS</td>
<td><img src="status1" alt="status" /></td>
</tr>
<tr>
<td></td>
<td><img src="status2" alt="status" /></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th><strong>10</strong></th>
<th>DESIGN &amp; ENGINEERING</th>
</tr>
</thead>
<tbody>
<tr>
<td>CURRENT</td>
<td>Completion of the initial design phase, which includes 10 percent design and preliminary work</td>
</tr>
<tr>
<td>NEXT STEPS</td>
<td>Once the ROC/NOD has been issued, engineering and design work progresses toward construction</td>
</tr>
<tr>
<td>STATUS</td>
<td><img src="status1" alt="status" /></td>
</tr>
<tr>
<td></td>
<td><img src="status2" alt="status" /></td>
</tr>
<tr>
<td></td>
<td><img src="status3" alt="status" /></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th><strong>11</strong></th>
<th>CONSTRUCTION</th>
</tr>
</thead>
<tbody>
<tr>
<td>NEXT STEPS</td>
<td>Groundbreaking activities</td>
</tr>
<tr>
<td>STATUS</td>
<td><img src="status1" alt="status" /></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th><strong>12</strong></th>
<th>USACE SECTION 408 PERMIT</th>
</tr>
</thead>
<tbody>
<tr>
<td>NEXT STEPS</td>
<td>Prior to work commencing on a jurisdictional levee, DWR will prepare and submit a permit application to USACE</td>
</tr>
<tr>
<td>STATUS</td>
<td><img src="status1" alt="status" /></td>
</tr>
<tr>
<td></td>
<td><img src="status2" alt="status" /></td>
</tr>
<tr>
<td></td>
<td><img src="status3" alt="status" /></td>
</tr>
</tbody>
</table>

---

CALIFORNIA NATURAL RESOURCES AGENCY | CALIFORNIAWATERFIX.COM
Progress made from 2012 to 2015 is outlined below:

### 2015

#### OCTOBER

- **Over 6,200 Unique Comment Letters Received**

#### SEPTEMBER

- DWR submits Section 404 Permit application to U.S. Army Corps of Engineers
- More Info on Section 404 Permit
- New fact sheet outlines how the proposed California WaterFix would benefit the Delta's native fish
- Securing Solutions for the Sacramento-San Joaquin Delta's Native Fish Fact Sheet

#### AUGUST

- DWR and Reclamation submit change petition to SWRCB
- SWRCB Fact Sheet
- DWR releases revised information regarding parcels potentially impacted by the project; reduced number of permanent and surface impacts
- Facts about Parcels Potentially Impacted by California WaterFix

#### JULY

- DWR and Reclamation hold two public open house meetings in Sacramento and Walnut Grove to collect comments on the RDEIR/SDEIS and answer questions
- **370 People in Attendance**
- Publication of new Conceptual Engineering Report (CER) with engineering and design details for redesigned Modified Pipeline Tunnel Option – Clifton Court Forebay Pumping Plant
JULY

Visual animations depicting proposed design changes and Delta flows released
- Delta Flow Animation
- Intakes Animation
- Clifton Court Forebay Animation

RDEIR/SDEIS Public Comment Period extended 60 days
- Press Release

RDEIR/SDEIS available for public review and comment
- RDEIR/SDEIS Fast Facts
- RDEIR/SDEIS Frequently Asked Questions

APRIL

Governor Brown announces California WaterFix as joint state and federal preferred alternative and unveils plans to accelerate restoration of the Delta's ecosystem through California EcoRestore
- Protecting Water Supplies
- Protecting Fish Fact Sheet
- State of the Art Solution Fact Sheet
- Refined Tunnel Option & Intake Fact Sheet
- California EcoRestore Fact Sheet
- California WaterFix Website
- California WaterFix / California EcoRestore FAQs

DECEMBER

Further refinements made to conveyance facilities to reduce impacts. Proposed changes include eliminating pumping plants at north Delta intakes and consolidating at Clifton Court Forebay, reduced construction impacts to Delta communities; improved tunnel reliability and operation
- NEWSLETTER: Additional Refinements to Proposed Water Delivery Facility Reduce Impacts
- Bay Delta Conservation Plan (BDCP), Expanding Greater Sandhill Crane Habitat Fact Sheet
- Modified Tunnel Option Fact Sheet
OCTOBER

DWR landowner liaisons begin communication with all impacted landowners regarding the right-of-way process as it relates to field studies (for the environmental impact analysis) and temporary easements needed for geotechnical drilling.

SEPTEMBER

A series of meetings conducted between September 2014 and February 2015 with over 75 local residents, elected officials, Cooperating and Responsible agencies, and other interested parties to gather input and feedback on proposed facility design changes and how to minimize potential impacts from the proposed design optimization.

AUGUST

Agency review of public comments, project refinements

- Newsletter: Planning for Climate Change
- Blog: Refinements Warrant Additional Public Review

Lead agencies announce Partial Recirculation of Draft Environmental Impact Report (EIR)/Supplemental Draft Environmental Impact Statement (EIS) to address project changes.

JULY

Close of the 228-day Public Review and Comment Period on Draft BDCP and Associated Environmental Impact Report / Environmental Impact Statement

JUNE

BDCP could create and protect 1,135,812 California jobs

- Infographic: Job Creation & Protection
- eNewsletter: How Many Jobs Will BDCP Create?
- eNewsletter: Reliable Water for About $5 / mo
- Episode: Jobs & Local Economic Benefits

Informational video featuring visual simulations of water conveyance facility

- Visual Animation & Presentation: Water Conveyance Facility
### May 2014

**Evaluation concludes BDCP is affordable for urban ratepayers: costs as low as $2-3 per month for some water users**

Report: [LA Office of Public Accountability](#)

**BDCP proponents agree on draft implementation strategy, open for 60-day public review period**

News: [Agreement & Comment Extension](#)

**DWR establishes the “BDCP Office” to guide BDCP implementation**

Blog: [Principles for Sharing Design and Construction Oversight](#)

### February 2014

**Public Review and Comment Period Extension**

News: [Draft BDCP & Comment Extension](#)

### January 2014

**Final California Water Action Plan released**

Website: [State Water Action Plan](#)

**Governor Brown declares Drought State of Emergency**

News: [Declaration Press Release](#)

**BDCP holds 12 public open house meetings throughout the state to collect comments on the draft documents and answer questions**

**Distribution of highlights, DVDs and response tweets to #whereinBDCP**

### December 2013

**DWR and Reclamation release public draft BDCP and EIR/EIS for review and comment**

Press Release

[Draft EIR/EIS Highlights](#)

[BDCP Highlights](#)

### October 2013

**Publication of video reiterating BDCP would not take more water and would modernize our current system**

Video: [How Much Water?](#)
AUGUST

DWR announces changes to BDCP that would reduce the project footprint by one-half and reduce local impacts

News: Changes to BDCP Would Reduce Impacts to Landowners and Residents

BDCP Refinements Respond to Community and Statewide Needs

MAY

BDCP Administrative Draft EIR/EIS available for public review

MARCH

Preliminary Draft BDCP available for public review

2012

JULY

Governor Brown outlines revisions to the BDCP: Intake capacity reduced from 15,000 cubic feet per-second (cfs) to 9,000 cfs

California's Water Future Framework Brochure
TO: Board of Directors

SUBJECT: Northern California representatives introduce a bill to facilitate construction of Sites Reservoir

FROM: James M. Fiedler

DATE: March 9, 2017

On March 4, 2017, the Lake County News published an article concerning a bill recently introduced by Northern California representatives Doug LaMalfa (R-CA) and John Garamendi (D-CA). The bill, H.R. 1269, will accelerate the federal review of Sites Reservoir and better position the project for funding under Proposition 1, the voter-approved California water bond designed to make the state's water systems more resilient. The news article is attached.

James M. Fiedler, P.E., D.WRE
Chief Operating Officer, Water Utility Enterprise

Attachment 1: Lake County News article
Northern California representatives introduce bill to facilitate construction of Sites Reservoir

Written by Lake County News reports
Saturday, 04 March 2017 03:45 -

NORTHERN CALIFORNIA – On Friday, Northern California Representatives Doug LaMalfa (R-CA) and John Garamendi (D-CA) announced the introduction of H.R. 1269, which will accelerate the federal review of Sites Reservoir and better position the project for funding under Proposition 1, the voter-approved California water bond designed to make the state's water systems more resilient.

The bill also authorizes the federal government to participate in construction of the project should it be found feasible.

"Sites reservoir is one of the most useful, cost-effective water infrastructure projects California could build," said Garamendi. "The recent feast-or-famine water years should remind us all of the importance of building safe, environmentally friendly long-term storage that can take advantage of wet years and help provide for our water needs during drier periods."

"The recent incident involving the Oroville Dam is testament to the fact that California needs better water infrastructure," LaMalfa said. "Sites Reservoir will provide more storage per dollar invested than any other proposed project in the state. This will help to ensure that we have adequate storage to capture more water during the wet season and allow us to use that water effectively during times of future drought. Congressman Garamendi and I have long fought to secure funding for Sites Reservoir and I believe we are now closer than ever to seeing it happen."

Bryce Lundberg, Northern California Water Association Board Chairman, urged support for the measure.

"This bipartisan effort advances progressive and modern water management – an important step forward for California," Lundberg said. "The recent transition between very wet and very dry years in the Sacramento Valley is a powerful reminder that we need water storage to protect people in wet years and to serve various beneficial purposes in dry years, including cities and rural communities, farms, fish, birds and recreation. An off-stream regulating reservoir on the west-side of the Sacramento Valley (Sites) is critical for all these important purposes in the Sacramento Valley, as well as providing statewide water system operational improvements."

The Sites Project Authority is strongly behind the legislation.

"We commend Reps. LaMalfa and Garamendi for their leadership on this bipartisan legislation that will advance Sites as an innovative water storage project to secure supplies for California while improving a vital ecosystem," said Sites Project Authority Chair Kim Vann.

Sites Project Authority Vice-Chair Fritz Durst added, "With overwhelming support by agencies throughout the Sacramento Valley and statewide, Sites will help address our tough water issues, create jobs, and help maintain a healthy environment."

Sites Reservoir, which would be located in Colusa and Glenn counties, is an offstream reservoir
Northern California representatives introduce bill to facilitate construction of Sites Reservoir

Written by Lake County News reports
Saturday, 04 March 2017 03:45 -

project that will create 500,000 acre-feet of new water each year.

This new water could:

- Restore operational flexibility to the entire state's water system;
- Meet the co-equal goals identified in the 2009 Delta Reform Act;
- Dedicate water for fishery and flow purposes;
- Contribute flows for Delta water quality purposes;
- Mitigate the effects of climate change;
- Contribute to the state's renewable energy goals.
Enclosed is the report of FY 2016-2017 Quarter 2 performance is monitored by reporting on the Board Appointed Officer’s (BAO) Ends Policy Outcome Measures. This report is one of the ways that the Board monitors the degree to which the Board policies are being met by the Chief Executive Officer (CEO). These performance areas are monitored quarterly by Watersheds and Water Utility Enterprise and their status is reported to the CEO.

This report summarizes the status of 108 Outcome Measures, grouped by each Board Ends Policy Objective. Overall, in Quarter 2, eighty-one percent of the Ends Outcome Measures (88 of 108) were on target or were met; fourteen percent were adjusted (15 of 108); and four percent were not on target (4 of 108) and are summarized, as follows:

- Groundwater storage levels in Coyote valley are below targets
- Elevated nitrate in South County water supply wells
- Chloride is not stable or decreasing in 16% of wells (target is 10% or less)
- Cities of Los Gatos and Saratoga do not participate in the Community Rating System program

As part of the Board’s desire to govern transparently and effectively, the Board’s role is to serve as the initiator of policy and delegator of authority to its BAO’s.

The organization’s performance toward accomplishing the Board’s Ends policy goals and objectives is the responsibility of the Board Appointed Officers. Through the BAOs’ interpretation of these policies, Outcome Measures are derived and implemented through the budget process and they guide development of project and individual staff work plans. These plans specify operational activities to be implemented to achieve the Board’s direction for the organization.

The BAOs analyze and monitor organizational performance through operational Quarterly Management Reviews and report results to the Board through Quarterly Performance Reports, as required by Board-BAO Linkage Policy 5.4:

All policies which instruct the BAOs will be monitored at a frequency and by a method chosen by the Board. The Board can monitor any policy at any time by any method, but will ordinarily depend on a routine schedule. Frequency = Quarterly.

The performance of the Outcome Measures are regularly monitored to ensure that they are achieved and meet customer expectations and are used to monitor the CEO’s performance.

The alignment of the Board policies, BAO Interpretations, and the Budget Process supports a cycle of continual improvement. The outcomes from monitoring either reinforce existing Board policy or facilitate recommended policy changes for Board consideration.

Please contact me if you have comments or questions about this report.

Norma J. Camacho
Interim Chief Executive Officer
<table>
<thead>
<tr>
<th>Board Ends Policy Objective</th>
<th>Overall Outcome Measure Status¹</th>
</tr>
</thead>
<tbody>
<tr>
<td>E-2.1.1 Aggressively protect groundwater from the threat of contamination and maintain and</td>
<td>On target: 63% (5 of 8)</td>
</tr>
<tr>
<td>develop groundwater to optimize reliability and to minimize land subsidence and salt water</td>
<td>Adjusted: 0%</td>
</tr>
<tr>
<td>intrusion.</td>
<td>Not on Target: 37% (3 of 8)</td>
</tr>
<tr>
<td>E-2.1.2 Protect, maintain, and develop local surface water.</td>
<td>On target: 37% (3 of 8)</td>
</tr>
<tr>
<td></td>
<td>Adjusted: 63% (5 of 8)</td>
</tr>
<tr>
<td></td>
<td>Not on Target: 0%</td>
</tr>
<tr>
<td>E-2.1.3 Protect, maintain, and develop imported water.</td>
<td>On target: 100% (1 of 1)</td>
</tr>
<tr>
<td></td>
<td>Adjusted: 0%</td>
</tr>
<tr>
<td></td>
<td>Not on Target: 0%</td>
</tr>
<tr>
<td>E-2.1.4 Protect, maintain, and develop recycled water.</td>
<td>On target: 100% (1 of 1)</td>
</tr>
<tr>
<td></td>
<td>Adjusted: 0%</td>
</tr>
<tr>
<td></td>
<td>Not on Target: 0%</td>
</tr>
<tr>
<td>E-2.1.5 Maximize water use efficiency, water conservation, and demand management</td>
<td>On target: 100% (2 of 2)</td>
</tr>
<tr>
<td>opportunities.</td>
<td>Adjusted: 0%</td>
</tr>
<tr>
<td></td>
<td>Not on Target: 0%</td>
</tr>
<tr>
<td>E-2.1.6 Prepare for and respond effectively to water utility emergencies.</td>
<td>On target: 50% (1 of 2)</td>
</tr>
<tr>
<td></td>
<td>Adjusted: 50% (1 of 2)</td>
</tr>
<tr>
<td></td>
<td>Not on Target: 0%</td>
</tr>
<tr>
<td>E-2.2.1 Raw water transmission and distribution assets are managed to ensure efficiency</td>
<td>On target: 67% (2 of 3)</td>
</tr>
<tr>
<td>and reliability.</td>
<td>Adjusted: 33% (1 of 3)</td>
</tr>
<tr>
<td></td>
<td>Not on Target: 0%</td>
</tr>
<tr>
<td>E-2.3.1 Meet or exceed all applicable water quality regulatory standards.</td>
<td>On target: 67% (2 of 3)</td>
</tr>
<tr>
<td></td>
<td>Adjusted: 33% (1 of 3)</td>
</tr>
<tr>
<td></td>
<td>Not on Target: 0%</td>
</tr>
</tbody>
</table>

¹ There are 108 Outcome Measures monitored by the Board Appointed Officers. Each Ends Policy Objective is monitored by 1 or more Outcome Measures; the results of which are reported as a percentage in the Outcome Measure Status column.
<table>
<thead>
<tr>
<th>Board Ends Policy Objective</th>
<th>Overall Outcome Measure Status¹</th>
</tr>
</thead>
<tbody>
<tr>
<td>E-2.3.2 Maintain effective relationships with the retailer and other stakeholders to ensure high quality, reliable drinking water.</td>
<td>On target: 100% (2 of 2) Adjusted: 0% Not on Target: 0%</td>
</tr>
<tr>
<td>E-3.1.1 Protect parcels from flooding by applying an integrated watershed management approach that balances environmental quality and protection from flooding.</td>
<td>On target: 71% (10 of 14) Adjusted: 29% (4 of 14) Not on Target: 0%</td>
</tr>
<tr>
<td>E-3.1.2 Preserve flood conveyance capacity and structural integrity of stream banks, while minimizing impacts on the environment and protecting habitat values.</td>
<td>On target: 89% (8 of 9) Adjusted: 11% (1 of 9) Not on Target: 0%</td>
</tr>
<tr>
<td>E-3.2.1 Promote the preservation of flood plain functions.</td>
<td>On target: 100% (4 of 4) Adjusted: 0% Not on Target: 0%</td>
</tr>
<tr>
<td>E-3.2.2 Reduce flood risks through public engagement.</td>
<td>On target: 75% (3 of 4) Adjusted: 0% Not on Target: 25% (1 of 4)</td>
</tr>
<tr>
<td>E-3.2.3 Prepare and respond effectively to flood emergencies countywide to protect life and property.</td>
<td>On target: 100% (10 of 10) Adjusted: 0% Not on Target: 0%</td>
</tr>
<tr>
<td>E-4.1.1 Preserve creeks, bay, and ecosystems through environmental stewardship.</td>
<td>On target: 100% (13 of 13) Adjusted: 0% Not on Target: 0%</td>
</tr>
<tr>
<td>E-4.1.2 Improve watersheds, streams, and natural resources.</td>
<td>On target: 83% (10 of 12) Adjusted: 17% (2 of 12) Not on Target: 0%</td>
</tr>
</tbody>
</table>

¹ There are 108 Outcome Measures monitored by the Board Appointed Officers. Each Ends Policy Objective is monitored by 1 or more Outcome Measures; the results of which are reported as a percentage in the Outcome Measure Status column.
<table>
<thead>
<tr>
<th>Board Ends Policy Objective</th>
<th>Overall Outcome Measure Status¹</th>
</tr>
</thead>
</table>
| E-4.1.3. Promote the protection of creeks, bay, and other aquatic ecosystems from threats of pollution and degradation. | On target: 75% (3 of 4)  
Adjusted: 25% (1 of 4)  
Not on Target: 0% |
| E-4.1.4. Engage and educate the community in the protection of water quality and stream stewardship. | On target: 100% (3 of 3)  
Adjusted: 0%  
Not on Target: 0% |
| E-4.1.5. Prepare and respond to emergencies that threaten local waterways. | On target: 100% (1 of 1)  
Adjusted: 0%  
Not on Target: 0% |
| E-4.1.6. To the extent within practicable control of the District, adopt a strategy to restore the salmonid fishery on identified salmonid streams within fifteen years of strategy adoption by creating suitable accessible spawning and rearing habitats. | Outcome Measure for this Objective pending board review. |
| E-4.2.1. Support healthy communities by providing access to additional trails, parks, and open space along creeks and in the watersheds. | On target: 100% (1 of 1)  
Adjusted: 0%  
Not on Target: 0% |
| E-4.2.2. Support healthy communities by providing appropriate public access to District facilities. | On target: 100% (1 of 1)  
Adjusted: 0%  
Not on Target: 0% |
| E-4.3.1. Reduce greenhouse gas emissions to achieve carbon neutrality by 2020. | On target: 100% (2 of 2)  
Adjusted: 0%  
Not on Target: 0% |

¹ There are 108 Outcome Measures monitored by the Board Appointed Officers. Each Ends Policy Objective is monitored by 1 or more Outcome Measures; the results of which are reported as a percentage in the Outcome Measure Status column.
MEMORANDUM

TO: Board of Directors

SUBJECT: Correspondence between federal agencies regarding Oroville Dam emergency and response by certain water agencies

FROM: James M. Fiedler

DATE: March 10, 2017

On February 24, 2017, the National Oceanic and Atmospheric Administration’s National Marine Fisheries Service (NMFS) sent a letter to Secretary Bose of the Federal Energy Regulatory Commission regarding activities being taken by the California Department of Water Resources to repair damage to the spillways and other facilities at Oroville Dam. NMFS then sent a follow-up letter dated February 28, 2017. Subsequently, on March 1, 2017, a collection of water agencies issued a letter to Secretary Bose of the United States Department of Commerce in response to the February 24, 2017 NMFS letter. All three letters are attached.

James M. Fiedler, P.E., D.WRE
Chief Operating Officer, Water Utility Enterprise

Attachment 1: February 24, 2017 NMFS letter to Secretary Bose
Attachment 2: February 28, 2017 NMFS letter to Secretary Bose
Attachment 3: March 1, 2017 Water Agency letter to Secretary Ross
Kimberly D. Bose  
Secretary  
Federal Energy Regulatory Commission  
888 First Street, NE  
Washington, D.C. 20426

Re: Technical Assistance and Recommendations regarding the Oroville Dam Spillway Activities under the Endangered Species Act, Magnuson-Stevens Fishery Conservation and Management Act, and Fish and Wildlife Coordination Act for Oroville Facilities Hydroelectric Project, Butte County California (FERC Project No. 2100)

Dear Secretary Bose:

I am writing to you because of concerns that the National Oceanic and Atmospheric Administration’s National Marine Fisheries Service (NMFS) has regarding the activities occurring under the Federal Energy Regulatory Commission’s (FERC) authority on the Feather River at the Oroville Facilities Hydroelectric Project.

With the damage to Oroville Dam’s Spillway (Spillway) on February 7, 2017, and the subsequent erosion from the Spillway damage and from the use of the emergency spillway, a significant amount of material has been deposited into the Feather River in the Oroville Diversion Pool. Some estimates are that over one million cubic yards of material have been deposited into the Feather River. It is our understanding that the California Department of Water Resources (DWR) is planning on dredging this material out of the Feather River starting Monday, February 27, 2017. In order to dredge the material out of the Feather River, DWR is proposing to cease all releases of water from Oroville Dam. It is currently our understanding that due to high water levels in the Diversion Pool, the powerhouse and river valves are not operational at this time. This leaves the only source of water for the Feather River immediately downstream of Oroville Dam as the water being released through the damaged Spillway. Recent release through the Spillway have been 60,000 cubic feet per second (cfs). The proposal for dredging is to reduce the release to zero, on Monday, February 27, 2017.

NMFS is concerned about potential effects of such operation to the anadromous fish resources in the Feather River, downstream of Oroville Dam. Anadromous fish in the Feather River listed under the Federal Endangered Species Act include the Central Valley spring-run Chinook salmon (Oncorhynchus tshawytscha) Evolutionarily Significant Unit (ESU), California Central Valley steelhead (O. mykiss) Distinct Population Segment (DPS), and the Southern DPS of North
American green sturgeon (*Acipenser medirostris*). In freshwater, critical habitat for these species is designated downstream from the Oroville Fish Barrier Dam to San Francisco Bay. In addition, fall-run Chinook salmon and white sturgeon live in the Feather River downstream of the Fish Barrier Dam. Fall-run Chinook salmon are very important to the California commercial and recreational fisheries, and the Chinook produced in the Feather River provide a large percentage of the harvest. In freshwater, essential fish habitat (EFH) for Chinook salmon is designated downstream from the Oroville Fish Barrier Dam to San Francisco Bay.

NMFS is concerned that the rapid reduction in flows that are proposed for Monday, February 27, 2017, will have adverse effects on the anadromous fish species identified above. Significant decreases in river water elevation reduce the amount of habitat available to fish, and rapid reduction in the river water elevation can result in mortalities due to fish being stranded, and stranding of fish in pools. With the dredging, water quality is also expected to be affected. Turbidity will increase, and other water quality parameters such as oxygen levels, and pH may be affected. Fish in the Feather River Hatchery may also be adversely affected by changes in water quality and quantity.

NMFS does not want to delay the critical work being done to address the issues at the Oroville Facilities Hydroelectric Project; however, we are concerned about the effects of the proposed dredging activities on anadromous fish, including those listed under the Federal Endangered Species Act. We are writing to provide technical assistance regarding anadromous fish species and the Federal Endangered Species Act. Below are recommendations that we believe would minimize the effects on anadromous fish species, critical habitat, and EFH in the Feather River downstream of the Oroville Fish Barrier Dam during and after dredging operations.

**Recommendations**

1. Reductions in flows should occur during hours of darkness in the Feather River to protect juvenile salmonids, especially Chinook salmon (see: Hunter, M. A. 1992. Hydropower Flow Fluctuations and Salmonids: A Review of the Biological Effects, Mechanical Causes, and Options for Mitigation. 119, Washington Department of Fisheries.)
2. Reductions in flows (down ramping rate) should occur as slowly as possible, to allow fish to follow the receding water elevation.
3. Minimum flows should be maintained at all times. Flows should not drop below the minimum instream flows. If flows are expected to drop below the minimum instream flows, DWR should release water from the spillway to ensure minimum instream flows are met.
4. Consider initially dredging a channel through the debris that will allow water to flow to maintain minimum flows or more. Provide flow through the river valves and/or the powerhouse. Repairs at the powerhouse and river valves should be prioritized to provide water to the Feather River immediately.
5. Address water supply issues (quantity and quality) at the Feather River Fish Hatchery and Thermalito Annex. Ensure adequate water is available to these facilities and that the turbidity, oxygen, and pH stay below levels that will stress fish.
6. Monitor/survey for stranding in the Feather River and implement fish rescues as possible.
a. Aerial photography of the Feather River prior to flow reductions and after flow reductions will assist in prioritizing locations to survey.
b. Put boats, equipment, and people on the river to survey for fish stranded in pools.
c. Prioritize areas to survey based on areas of higher risk. Use aerial surveys to identify areas of high risk.
d. For large pools, and for pools with unknown stranding, sample for presence using eDNA for Chinook salmon, steelhead, and sturgeon.
e. Plan on more than 5 days for monitoring and potential rescues. Monitoring and rescue operations should occur throughout the period of reduced flows and the dredging activities.
f. Collect samples and information about stranded, rescued fish, and dead fish.
   i. Take pictures and video of locations and fish sampled. Check the date stamp on the cameras. With the video frequently verbally record the time, date, and location.
   ii. In the case of surveys, the numbers and species of fish should be estimated and recorded.
   iii. In the case of fish rescues the numbers and species of fish should be identified and pictures taken. Where possible and it will not significantly impact the implementation of the fish rescue, tissue samples and scales should be collected. The date, time, location, presence or absence of adipose fins, and who collected the samples needs to be recorded on the bags. Number the bags and locations. If ethanol is available, use it to preserve samples, otherwise freeze.
   iv. In the event of dead fish, pictures should be taken, the carcasses should be placed in a plastic sealing bag, and record the date, time, location, presence or absence of adipose fins, and who collected the sample recorded on the bag. Number the bags and locations. Freeze large fish as soon as possible.

7. Monitor water quality, turbidity, DO, pH, and adjust dredging operations if these parameters reach levels that may adversely affect fish at the fish barrier dam or in the hatchery.
8. Water should be released from the Thermalito Afterbay to augment flows in the Feather River, while maintaining water deliveries to the Thermalito Annex.
9. If possible, install turbidity curtains or booms to reduce potential turbidity levels, to the maximum extent possible.
10. Coordinate with the Corps, Yuba County Water Agency, PG&E, and the Nevada Irrigation District to augment flows from storage in the Yuba watershed. Also coordinate with the South Sutter Water District regarding the availability of water from the Bear River for flow augmentation.
11. Deploy as many people as possible to survey and respond to fish stranding, and coordinate with CDFW.
12. Submit a report of the activities and results to NMFS within 30 days.
Federal Endangered Species Act Section 7 Emergency Consultation

The Endangered Species Act has provisions for emergency consultations, and NMFS recommends that FERC follow these provisions if necessary:

§ 402.05 Emergencies.
(a) Where emergency circumstances mandate the need to consult in an expedited manner, consultation may be conducted informally through alternative procedures that the Director determines to be consistent with the requirements of sections 7(a)–(d) of the Act. This provision applies to situations involving acts of God, disasters, casualties, national defense or security emergencies, etc.
(b) Formal consultation shall be initiated as soon as practicable after the emergency is under control. The Federal agency shall submit information on the nature of the emergency action(s), the justification for the expedited consultation, and the impacts to endangered or threatened species and their habitats. The Service will evaluate such information and issue a biological opinion including the information and recommendations given during the emergency consultation.

NMFS recommends that FERC assess the effects of the recent and ongoing emergency actions related to the Oroville Facilities and initiate emergency section 7 consultation with NMFS as soon as the emergency is under control. In the context of this consultation, NMFS is interested in discussing options for mitigating for the significant impacts these events and actions have had on Federal Endangered Species Act listed fish, their critical habitat and the EFH of Pacific Salmon.

Please contact Gary Sprague, NMFS, Central Valley Office, 650 Capitol Mall, Suite 5-100, Sacramento, California, (916) 930-3615, Gary.Sprague@NOAA.gov, if you have any questions concerning the above recommendations or consultation under the Federal Endangered Species Act.

Sincerely,

Maria Rea
Assistant Regional Administrator

Cc: California Central Valley Office
Division Crhon File: 151422-WCR2017-SA00309

Frank Blackett  FERC  frank.blackett@ferc.gov
Earl Nelson  DWR  earl.nelson@water.ca.gov
Eric See  DWR  eric.see@water.ca.gov
Jason Kindropp  DWR  jason.kindopp@water.ca.gov
Tina Bartlett  CDFW  Tina.Bartlett@wildlife.ca.gov
Colin Purdy  CDFW  colin.purdy@wildlife.ca.gov
Kimberly D. Bose  
Secretary  
Federal Energy Regulatory Commission  
888 First Street, NE  
Washington, D.C. 20426  

Re: Technical Assistance and Recommendations regarding the Oroville Dam Spillway Activities under the Endangered Species Act, Magnuson-Stevens Fishery Conservation and Management Act, and Fish and Wildlife Coordination Act for Oroville Facilities Hydroelectric Project, Butte County California (FERC Project No. 2100)

Dear Secretary Bose:

Last Friday, February 24, 2017, we submitted a letter to the Federal Energy Regulatory Commission (FERC) regarding the National Oceanic and Atmospheric Administration’s National Marine Fisheries Service’s (NMFS) concerns about the effects of operations at the California’s Department of Water Resources (DWR) Oroville Facilities on fish resources in the Feather River associated with the Oroville Dam spillway emergency.

I am writing today to thank you for your consideration and adoption of a number of these measures during your emergency response operations. We recognize and agree that public safety and the protection of life and property are of utmost importance during this challenging set of operations and emergency repairs at Oroville Dam. We have consistently offered our support and technical assistance to your agency and to DWR. In keeping with standard practices during emergency consultations, our letter provided you with a suite of recommendations to minimize effects to salmon, steelhead and sturgeon in a timeframe to meet your immediate decision-making needs. The intention of these measures, and of the emergency consultation procedures generally, is to allow emergency actions to proceed in an expeditious manner, with the technical advice of NMFS.

NMFS values our working relationship with FERC, and we look forward to continued timely communications with FERC and DWR regarding the activities in response to the Oroville Dam spillway collapse.
Please contact Howard Brown, NMFS, Central Valley Office, 650 Capitol Mall, Suite 5-100, Sacramento, California, (916) 930-3608, Howard.Brown@NOAA.gov, if you have any questions or if we can be of any further help.

Sincerely,

Maria Rea
Assistant Regional Administrator

Cc:  California Central Valley Office
     Division Cron File: 151422-WCR2017-SA00309

    Frank Blackett  FERC  frank.blackett@ferc.gov
    T.J. LoVullo  FERC  thomas.lovullo@ferc.gov
    Jen Hill  FERC  jennifer.hill@ferc.gov
    John Aedo  FERC  john.aedo@ferc.gov
    Earl Nelson  DWR  earl.nelson@water.ca.gov
    Eric See  DWR  eric.see@water.ca.gov
    Jason Kindropp  DWR  jason.kindropp@water.ca.gov
    Tina Bartlett  CDFW  Tina.Bartlett@wildlife.ca.gov
    Colin Purdy  CDFW  colin.purdy@wildlife.ca.gov
March 1, 2017

The Honorable Wilbur Ross
Secretary
U.S. Department of Commerce
1401 Constitution Ave., NW
Washington, D.C. 20230

Dear Secretary Ross:

We wish to congratulate you on your confirmation as Secretary of Commerce and we look forward to working with you in your new position. Unfortunately, we write today to express our grave concerns with a February 24, 2017 letter from the National Marine Fishery Services (NMFS) regarding flows at Oroville Dam.

As you know, on February 12 more than 180,000 people on the east side of the Sacramento Valley were ordered to evacuate due to concerns that Oroville Dam’s emergency spillway could fail. With no advance warning, families fled for their lives. In the weeks following the evacuation, an incredible state and local effort has coalesced to stabilize the dam. Work has been underway around the clock, because protecting public safety is the immediate responsibility of state and local leaders. Many of these families have already had to evacuate their homes and businesses once. They should not be forced to do it again.

Against this stark backdrop, NMFS seeks to jeopardize the State’s work by imposing unworkable, costly and unsafe fishery demands before the needs of the people of Butte, Yuba, and Sutter Counties. The NMFS letter contains lengthy “recommendations” as well as an “invitation” to engage in Section 7 Consultation under the Endangered Species Act (ESA) prior to making emergency repairs.

We collectively represent organizations and public agencies that provide water supplies to millions of Californians, industry and the most productive farmland in the country. While many of those we represent rely upon water stored behind Oroville
Dam and/or the critical flood protection it provides, others of our members are concerned about the seemingly callous regard that the NMFS letter shows for human safety, or any other need that falls outside their focus on fish.

In its letter, NMFS lists twelve recommendations it believes would “minimize the effects” to fish and habitat downstream. These recommendations include reducing flows only at night, putting boats and people in the river to look for stranded fish, detailed instructions on sealing dead fish in plastic bags, taking pictures and freezing the large fish as soon as possible and deploying as many people as possible to “respond to fish stranding.” Although couched as “recommendations”, these steps come with an implied threat of further regulatory action if not followed.

The 180,000 people who were evacuated from their homes for more than a week, and the people of California in general, would prefer DWR deploy as many people as possible to address the safety and operational issues at the dam instead of conducting “fish rescues”.

The State of California is experiencing historic rainfall amounts this year and reservoirs are brimming at or above capacity. No fish in California is lacking for water right now. Meanwhile, water agencies are having obvious and well-documented challenges in safely managing this torrent of water, and protecting communities against the threat of flooding that comes with it. By sending this letter now and suggesting repair work on the Oroville Dam spillway not move expeditiously, NMFS is acting completely unreasonable. Further, this situation illustrates the ongoing frustration we have with an agency of the Commerce Department that is tone deaf to anything other than a myopic protection of species by any means necessary without regard for human impact.

Cutting off flows from the flood control spillway for several days will enable the removal of debris to safeguard and eventually reoperate the Hyatt Power Plant. More importantly, once operational, the Hyatt Power Plant will allow DWR to better manage reservoir levels through the remaining spring runoff season. This is a critical aspect to ensuring the safety of those downstream of the dam on the Feather River.

This letter from NMFS, while undoubtedly well intended, was not well thought out. Unfortunately, it highlights the ongoing challenge of NMFS playing an appropriate role in the operation of a complex water system in the State of California; a system that must balance the needs of people, species, and various industries, while always putting human health and safety first.

Unfortunately, this letter is just the latest example of how NMFS is not helpful in working with other agencies in the State of California to manage the competing water supply needs. At a time when cooperation and flexibility are needed to accomplish a variety of economic, safety, infrastructure and biological needs, NMFS has chosen to throw up roadblocks instead.
We respectfully ask for your assistance in ensuring that the Federal agencies work collaboratively with the state and the water agencies to ensure proper management of our natural resources.

In August of 2016, the Obama Administration, and the State of California triggered the process for reconsultation under the Biological Opinions that are currently in place for the operation of the Central Valley and State Water Project. The water agencies in California are prepared to work in good faith with the Departments of Commerce and Interior to complete new biological opinions. For that to be a successful effort, the Trump Administration should pursue a different approach than described by NMFS in this letter.

Furthermore, as the Trump Administration works to advance its infrastructure objectives, it will be important to have all State and Federal agencies aligned and working together. If we learn one lesson from this winter's historic storms in the West, it should be that we must do everything possible to store today's water for use tomorrow. Creating additional roadblocks by sending letters that recommend jumping through multiple hoops at a critical time when safety should be the top priority, is not a good example of an agency intending to be helpful and does not bode well for a good outcome on reconsultation.

A follow-up letter to FERC from NMFS (dated February 28, 2017) has not diminished our concerns about the initial letter, which so clearly illustrated the approach your agency takes to all matters related to balancing human and environmental needs.

Mr. Secretary, we ask that you follow Governor Brown's lead in suspending the application of CEQA to repair work at Oroville Dam by exempting from the Endangered Species Act and the National Environmental Policy Act all repair work at the Dam, the spillways, and other facilities damaged during the February 2017 storm events, for the duration of this work.

Again, we congratulate you on your appointment and confirmation and look forward to working with you and your team. If you have any questions about this matter, please do not hesitate to contact Dan Keppen at (541)-892-6244.

Sincerely,

Larry Bauman, Executive Director
Central Valley Project Water Association
Tom Birmingham, General Manager
Westlands Water District

Steve Chedester, Executive Director
San Joaquin River Exchange Contractors Water Authority

Terry Erlewine, General Manager
State Water Contractors

Mark Gilkey, General Manager
Tulare Lake Basin Water Storage District

Rick Gilmore, General Manager
Byron Bethany Irrigation District

David Guy, President
Northern California Water Association

Anthea Hansen, General Manager
Del Puerto Water District
Dan Keppen, Executive Director
Family Farm Alliance

Fergus Morrisey, General Manager
Orange Cove Irrigation District

Dennis Nuxoll, Vice President of Federal Government Affairs
Western Growers Association

Jason Peltier, Executive Director
San Luis & Delta-Mendota Water Authority

Jason Phillips, CEO
Friant Water Authority

Timothy Quinn, Executive Director
Association of California Water Agencies

Jeff Sutton, General Manager
Tehama-Colusa Canal Authority
Ted Trimble, General Manager & Secretary
Western Canal Water District

Dan Vink, Executive Director
South Valley Water Association

Mike Wade, Executive Director
California Farm Water Coalition

Douglas Welch

Douglas Welch, Interim Executive Officer
Friant North Authority

Paul Wenger, President
California Farm Bureau Federation

Christopher White, General Manager
Central California Irrigation District

cc: The Honorable Ryan Zinke, Secretary, U.S. Department of the Interior