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<th>A. NEWSLETTERS &amp; BRIEFINGS</th>
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<tr>
<td>4</td>
<td>Water Tracker Report: 01/01/17</td>
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<td>6</td>
<td>ACWA e-news: 01/04/17</td>
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<th>B. CEO BULLETIN</th>
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<tr>
<th>C. BOARD MEMBER REQUESTS &amp; INFORMATIONAL ITEMS</th>
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<tr>
<th>D. INCOMING BOARD CORRESPONDENCE</th>
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</table>
E. OUTGOING BOARD CORRESPONDENCE

Reply letter from Vice-Chair Varela to Jon Hatakeyama, dated 01/05/17, regarding his request that the Board support the measure to approve Phase I of the Santa Teresa Expressway Extension (C-16-0393).

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
Santa Clara County residents and businesses reduced water use by 32% in November 2016 compared to November 2013. This brings the cumulative 2016 water savings through November to 28% compared to the same period of 2013. Realizing parts of the state were better off than others in terms of water supply, the State Water Resources Control Board adopted an updated Emergency Regulation in May that allowed water retailers throughout the state to determine their individual conservation standards based on local conditions.

At its June 14 meeting, the District’s Board of Directors (Board) lowered its water use reduction target to 20% for the period extending through January 2017, but emphasized that residents should continue their efforts to conserve in this ongoing drought. The Board also called for local water providers to continue to institute mandatory measures, as needed, to reach the 20% target, and called for restrictions on watering schedules to a maximum of three times a week, up from the two day a week schedule most areas of the county have had in place since the spring of 2015.

Groundwater recharge in 2016 was greater than in normal years and preliminary water supply analysis shows that 2017 recharge should meet or exceed normal year recharge.

### Weather

**Rainfall in San Jose**
- Month of December = 1.49 inches
- Rainfall year total = 4.13 inches or 80% of average to date (Rainfall year is July 1 to June 30)
- January 3 Northern Sierra snowpack was 68% of normal for this date

### Local Reservoirs

- Total January 1 storage = 74,498 acre-feet
  - 95% of 20-year average for that date
  - 44% of total capacity
  - 61% of restricted capacity (169,009 acre-feet total storage capacity limited by seismic restrictions to 122,924 acre-feet)
- Approximately 254 acre-feet of imported water delivered into local reservoirs during December 2016
- Total estimated releases to streams (local and imported water) during December was 7,320 acre-feet

### Groundwater

**Groundwater (GW) Storage:** Estimated end of 2016 storage was within the lower range of Stage 1 (Normal) of the Water Shortage Contingency Plan

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<tr>
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<th>Santa Clara Subbasin</th>
<th>Llagas Subbasin</th>
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<tbody>
<tr>
<td><strong>December managed recharge estimate (AF)</strong></td>
<td>6,700</td>
<td>900</td>
</tr>
<tr>
<td><strong>January to December managed recharge estimate (AF)</strong></td>
<td>103,300</td>
<td>11,300</td>
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<td><strong>January to December managed recharge, % of 5-year avg.</strong></td>
<td>242%</td>
<td>108%</td>
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<tr>
<td><strong>November pumping estimate (AF)</strong></td>
<td>3,700</td>
<td>900</td>
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<tr>
<td><strong>January to November pumping estimate (AF)</strong></td>
<td>51,300</td>
<td>10,200</td>
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<tr>
<td><strong>January to November pumping, % of 5-year average</strong></td>
<td>65%</td>
<td>101%</td>
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<tr>
<td><strong>GW index well level compared to last December</strong></td>
<td>Increase</td>
<td>Increase</td>
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</table>

*AF = acre-feet*
2017 State Water Project (SWP) and Central Valley Project (CVP) allocations:
» 2017 SWP allocation: 45% = 45,000 acre-feet announced on December 21, 2016
» 2017 CVP allocations: A 2017 CVP allocation has not yet been identified
Reservoir storage information, as of January 3, 2017:
» Shasta Reservoir at 73% of capacity (118% of average for this date)
» Oroville Reservoir at 56% of capacity (91% of average for this date)
» San Luis Reservoir at 62% of capacity (90% of average for this date)
District’s Semitropic groundwater bank reserves: An estimated 190,339 acre-feet as of January 3, 2017
Estimated SFUC deliveries to Santa Clara County:
» Month of December = 2,787 acre-feet
» 2016 Total to Date = 43,509 acre-feet
» Five-year average is 48,700 acre-feet

Imported Water

Treated Water

Conserved Water

Recycled 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 28% reduction in water use through the first eleven months of 2016, compared to 2013

Estimated December 2016 production = 700 acre-feet
Estimated 2016 through December = 18,870 acre-feet or 99% of the five-year average
Silicon Valley Advanced Water Purification Center produced an estimated 4.3 billion gallons (13,200 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

Below average demands of 5,990 acre-feet (estimated) delivered in December
This total is 93% of the five-year average for the month of December
Year-to-date = 97,654 acre-feet or 85% of the five-year average

Delta Watershed Diversions and Outflow
Typical Annual Balance
Average Years (32.8 MAF)

Exports
5.6 MAF (17%)
Outflow to San Francisco Bay
15.8 MAF (48%)
In-Delta diversions
1.4 MAF (4%)
Diversions upstream of the Delta
10.0 MAF (31%)

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.
Interior Secretary Jewell Issues Order Calling for Expedited Review of CA WaterFix

Submitted by Pamela Martineau on Wed, 01/04/2017 - 4:48pm

U.S. Secretary of the Interior Sally Jewell today issued a Secretarial Order that directs federal officials to expedite the environmental review of the California WaterFix project as part of larger effort to take “timely actions” to address the effects of drought and climate change on California’s water supply and imperiled wildlife.

Read more

Urban Californians Maintain Strong Water Conservation Efforts

Submitted by Teresa McGaffic on Wed, 01/04/2017 - 1:46pm
Urban Californians are maintaining their commitment to water conservation, using 18.8% less water in November 2016 compared to the baseline in 2013, and bringing the state’s cumulative water savings to 22.6% since June 2015, according to data released by the State Water Resources Control Board today.

Read more

**San Joaquin River Flows Proposal Examined in Hearing**

Submitted by Pamela Martineau on Tue, 01/03/2017 - 5:07pm

The State Water Resources Control Board held a public hearing today on its draft plan for San Joaquin River flows that is as part of Phase 1 of its update to the Bay-Delta Water Quality Control Plan.

Read more

**Despite Rains, Statewide Snowpack Water Content Still Below Average**

Submitted by Pamela Martineau on Tue, 01/03/2017 - 3:36pm

Despite recent storms, the state’s first manual snow survey today at Phillips Station in the Sierra Nevada revealed a snow water content of six inches, which is only 53% of the early January average, according to officials with the California Department of Water Resources.
The average early-January snow water content as measured at Phillips since 1964 is 11.3 inches.

Read more

**San Joaquin River Flow Comment Deadline Extended to March 17**

Submitted by Teresa McGaffic on Fri, 12/23/2016 - 11:06am

The State Water Resources Control Board announced Thursday that it has extended the deadline for written public comment on the draft plan for San Joaquin River flows to noon, March 17, 2017 – a two-month extension from the previous deadline of Jan. 17.

Read more

**Raftelis California Water Rate Workshop**

Wed, 01/11/2017 - 9:30am - 3:30pm  
**Location:** Sacramento Suburban Water District (Antelope Training Facility), 7800 Antelope North Road, Sacramento

Hosted by Raftelis Financial Consultants, Inc.

RFC is offering three workshops to help California utilities learn how to develop sustainable financial plans and prepare for California's next drought.

Come learn from industry experts:

Registration and information

Read more

**Raftelis California Water Rate Workshop**

Thu, 01/12/2017 - 9:30am - 3:30pm  
**Location:** East Bay Municipal Utility District, 375 11th Street, Oakland, CA

Hosted by Raftelis Financial Consultants, Inc.
RFC is offering three workshops to help California utilities learn how to develop sustainable financial plans and prepare for California’s next drought.

Come learn from industry experts:

Information and registration

Read more 1 attachment

California Irrigation Institute 55th Annual Conference

Mon, 01/30/2017 - Tue, 01/31/2017
Location: Sacramento, CA

The California Irrigation Institute presents its 55th annual conference January 30-31, 2017 in Sacramento. The conference is attended by agricultural, urban and environmental interests including water districts, farmers, irrigation manufacturers, associations and government agency representatives.

INFORMATION

Read more

Water 101

Thu, 02/02/2017 - 9:00am - Fri, 02/03/2017 - 12:00pm
Location: West Sacramento City Hall, 1110 West Capitol Ave., West Sacramento

The Water Education Foundation sponsors a day-long course with an optional half day the next day as part of its annual Water 101 educational program. The program will look at the historical, legal and management aspects of water in California as well as key water issues facing the state including drought, groundwater management and the Delta. Top speakers include: Lester Snow, former California Natural Resources Secretary; Alf Brandt, senior counsel for the Assembly Water, Parks and Wildlife Committee; and Jennifer Harder, assistant professor at McGeorge Law School.

Registration and Information

Read more

ACWA DC2017: Washington, D.C. Conference

Tue, 02/28/2017 - 8:00am - Thu, 03/02/2017 - 5:00pm
Location: St. Regis Hotel, Washington, D.C.

Online Registration & cancellation deadline is February 10, 2017 - 4:30 p.m. (PST)

Why Attend?

ONLINE REGISTRATION

Read more

CENTRAL VALLEY TOUR 2017 FIELD TRIP

Wed, 03/08/2017 - Fri, 03/10/2017
Location: This tour starts and ends at the Sacramento International Airport

The Water Education Foundation is presenting a 3-day, 2-night tour through California’s Central Valley, known as the nation’s breadbasket thanks to an imported supply of surface water and local groundwater. Covering about 20,000 square miles through the heart of the state, the valley provides 25 percent of the nation’s food, including 40 percent of all fruits, nuts and vegetables consumed throughout the country.

REGISTRATION

Read more

ACWA 2017 Legislative Symposium

Wed, 03/08/2017 - 9:00am - 4:30pm
Location: Sacramento Convention Center, Sacramento, CA

ACWA's 2017 Legislative Symposium is set for March 8, 2017, at the Sacramento Convention Center in Sacramento, CA.

Online Registration & cancellation deadline is February 24, 2017 - 4:30 p.m. (PST)

IMPORTANT LINKS:

ONLINE REGISTRATION

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

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. Further details to come.


Source URL: http://www.acwa.com/newsletter/acwa-enews/acwa-enews-jan-4-2017
Board Executive Limitation Policy EL-7:
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.

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<tbody>
<tr>
<td>1</td>
<td>Lower Berryessa Creek, Phase 1, Flood protection Project is complete</td>
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</table>
| 3    | LeZotte and Estremera
       | Staff is to return with information and potential policy language on "Wall Street"
       | banks and how we deal with them in the future on financing
       | R-16-0048 |
| 3    | Keegan
       | Staff is to prepare a fact sheet on water rates that shows the different elements of
       | District costs, etc.
       | R-16-0049 |
| 3    | Keegan and Varela
       | Staff is to prepare a letter for Chair’s signature, inviting SJWC Board, CEO, etc., to a
       | public meeting to discuss costs, profits, etc.
       | R-16-0050 |
| 4    | Varela
       | In light of drought, investigate 1) storm water capture program and 2) renegotiating
       | existing permits to allow reduced runoff release from South County Reservoirs while
       | ensuring habitat protection as part of winter operations
       | I-16-0039 |

Lower Berryessa Creek, Phase 1, Flood protection Project is complete

As of December 28, 2016, the Lower Berryessa Creek, Phase 1, Flood Protection Project is complete pending a few post-construction items.

The goal of this project was to construct floodwalls and levees to provide 100-year flood protection as well as restoring tidal and freshwater wetlands. A 100-year flood is a flood event that has a one-in-100 chance of occurring in any given year.
The project area extends from Lower Penitencia Creek to downstream of North Abel Street and is approximately 2400 feet long.

**Completed Project Activities**

- Removed 28,000 cubic yards of soil
- Imported 23,000 cubic yards of import of levee soil
- Reused 32,000 cubic yards of native soil
- Constructed 2,400 feet of levee
- Constructed 2,600 feet of floodwall along Lower Berryessa Creek on top of Cast In Place Drilled Hole piles
- Installed 80,000 square foot of articulated concrete mat for lower access road along Berryessa Creek
- Installed mitigation planting
- Constructed the creek channel

The removed 28,000 cubic yards of soil was placed along the bay front salt Pond A8 to enhance the habitat. The design and preparation of plans, specifications and estimate were performed by in-house water district staff.

**Schedule**

The limited construction window of 4 months a year in this tidal zone, increased the complexity to the dewatering system, channel excavation, and pile driving operation due to high ground water conditions.

The construction contract time was two construction seasons with the end date of December 31, 2016. Despite brief delays such as bird nesting, a 14-inch waterline breakout due to mislocation, material procurement, rain events, the project is substantially complete as of December 28, 2016.

**Budget and Expenditures**

The construction contract for this project was awarded by the board on June 9, 2015, for $12,186,600 plus 10% a contingency amount of $1,219,000.

It is anticipated that the total project cost will be well within 5% of contingencies after finalizing the pending change orders which is below the Board approved 10% contingencies.

The water district secured a consultant for Construction Management (CM) for this project, in the amount of $1,000,447, which was awarded by the board on June 9, 2015. The CM consultant contract is expected to be within the budgeted amount of by close of this project without any amendments.

For further information, please contact Ngoc Nguyen at (408) 630-2632.
LeZotte and Estremera
Staff is to return with information and potential policy language on "Wall Street" banks and how we deal with them in the future on financing
R-16-0048

It is recommended that when a financial institution desires to participate in negotiated sales of water district debt instruments, to qualify, such institutions must not be under any suspension from negotiated sales activity by the California State Treasurer’s Office.

District Counsel will issue a supporting memorandum by February 3, 2017. Following the release of the supporting memorandum, potential policy language will be presented to the board for consideration.

For further information, please contact Darin Taylor at (408) 630-3068.

Keegan
Staff is to prepare a fact sheet on water rates that shows the different elements of District costs, etc.
R-16-0049

The water district is working on a water rates fact sheet and expects to have one prepared by February 1, 2017. When complete, the fact sheet will be provided to the board.

For further information, please contact Darin Taylor at (408) 630-3068.

Keegan and Varela
Staff is to prepare a letter for Chair's signature, inviting SJWC Board, CEO, etc., to a public meeting to discuss costs, profits, etc.
R-16-0050

On December 23, 2017, the water district prepared and the board Chair approved and signed a letter inviting the San Jose Water Company Chief Executive Officer and Board of Directors to attend a water district board meeting on January 24, February 14, or February 28, 2017, to present and discuss San Jose Water Company's implementation of recent water rate increases and drought surcharges, as well as financial factors such as costs and revenues. A copy of the letter was included in the board’s December 20, 2016, Non-Agenda package.

For further information, please contact Rick Callender at (408) 630-2017.
In light of drought, investigate 1) storm water capture program and 2) renegotiating existing permits to allow reduced runoff release from South County Reservoirs while ensuring habitat protection as part of winter operations

Storm Water Capture Program

The water district is investigating additional stormwater capture as part of several efforts. Regional stormwater capture projects and on-site stormwater capture programs are being considered through the water supply master planning process and preliminary results are scheduled to be presented to the Board on January 31, 2017.

In addition, the water district is partnering with the Santa Clara Valley Urban Runoff Pollution Prevention Program to prepare a Storm Water Resources Plan that will prioritize stormwater projects that have multiple benefits, consistent with the water district’s draft One Water Plan.

Lastly, the water district is meeting with local municipalities on their stormwater planning efforts. Municipalities are required to develop green infrastructure plans under the regional stormwater permit. Green infrastructure often includes stormwater capture components.

Releases from South County Reservoirs

The water district has Lake and Streambed Alteration Agreements (LSAAs) with the California Department of Fish and Wildlife (CDFW) for the operation of Uvas and Chesbro Reservoirs in South County. These LSAAs are the guiding agreements that the water district conforms to in order to meet its environmental obligations regarding reservoir operations and stream diversions.

The water district is currently negotiating extensions for the Uvas and Chesbro LSAAs, which typically have a 5-year term. While the water district is aware that CDFW may request expanded environmental provisions in these LSAA negotiations, the water district will make every effort to preserve operating rules that allow the capture of storm water for subsequent beneficial uses including groundwater recharge and fisheries management.

While water supply is the primary objective in operating these reservoirs, which entails capturing as much winter runoff as possible for release to recharge South County aquifers in summer months, the water district also operates in compliance with environmental regulations and agreements.

For further information, please contact Garth Hall at 408-630-2750.
BOARD MEMBER REQUESTS & INFORMATIONAL ITEMS
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<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>
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<td>R-16-0048</td>
<td>Pending</td>
<td>12/13/16</td>
<td>Estremera</td>
<td>Camacho</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>
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<td>R-16-0043</td>
<td>Pending</td>
<td>11/08/16</td>
<td>Hsueh</td>
<td>Camacho</td>
<td>Staff is to provide analysis on the pros and cons associated with creating an exemption in Executive Limitations policies for expert panel sole source agreements.</td>
<td>12/07/16</td>
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<td>R-16-0016</td>
<td>Pending</td>
<td>03/29/16</td>
<td>Keegan</td>
<td>King</td>
<td>Staff to revise Board External Committee appointment list so that annual review includes participation/purpose/duties/role information.</td>
<td>04/19/16</td>
<td>01/10/17</td>
<td>04/13/16 CEO Bulletin.</td>
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<td>R-16-0021</td>
<td>Pending</td>
<td>04/12/16</td>
<td>Keegan</td>
<td>Nava</td>
<td>Staff to take a preliminary look at the use of PLAs on Non-federal District projects.</td>
<td>05/03/16</td>
<td>09/13/16</td>
<td>07/28/16 CEO Bulletin.</td>
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<td>Pending</td>
<td>12/13/16</td>
<td>Keegan</td>
<td>Fiedler</td>
<td>Staff is to prepare a fact sheet on water rates that shows the different elements of District costs, etc.</td>
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<td>I-16-0040</td>
<td>Pending</td>
<td>12/30/16</td>
<td>Santos</td>
<td>Fiedler</td>
<td>Staff to look into the information in the SJ Mercury News article, &quot;California water projects rely on imaginary water,&quot; written by Adam Keats, and provide additional information to the Board.</td>
<td>01/19/17</td>
<td></td>
<td>Pending</td>
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<td>I-16-0039</td>
<td>Pending</td>
<td>12/13/16</td>
<td>Varela</td>
<td>Fiedler</td>
<td>In light of the on-going drought in California, staff to investigate (a) implementation of storm water capture program to improve local water storage and (b) re-negotiating existing permits from resource agencies to reduce releases of runoff from South County reservoirs in order to maximize the amount of stored water while ensuring habitat protection as part of winter operations.</td>
<td>01/05/17</td>
<td></td>
<td>Pending</td>
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