

# **Agenda**

## **Sacramento Suburban Water District Regular Board Meeting**

3701 Marconi Avenue, Suite 100  
Sacramento, California 95821

Monday, May 16, 2016  
6:30 p.m.

Where appropriate or deemed necessary, the Board may take action on any item listed on the agenda, including items listed as information items. Public documents relating to any open session item listed on this agenda that are distributed to all or a majority of the members of the Board of Directors less than 72 hours before the meeting are available for public inspection in the customer service area of the District's Administrative Office at the address listed above.

The public may address the Board concerning an agenda item either before or during the Board's consideration of that agenda item. Persons who wish to comment on either agenda or non-agenda items should fill out a Comment Card and give it to the General Manager. The President will call for comments at the appropriate time. Comments will be subject to reasonable time limits (3 minutes).

In compliance with the Americans with Disabilities Act, if you have a disability, and you need a disability-related modification or accommodation to participate in this meeting, then please contact Sacramento Suburban Water District Human Resources at 679.3972. Requests must be made as early as possible, and at least one full business day before the start of the meeting.

**All or portions of this meeting will be conducted by teleconference in accordance with Government Code section 54953(b). The teleconference location for the meeting are as follows: 21753 Omeara Terrace, Apt. 407, Ashburn, Virginia 20147; telephone number (916) 712-4481. Each teleconference location is accessible to the public, and members of the public may address the Board of Directors from any teleconference location.**

### **Call to Order**

### **Roll Call**

### **Announcements**

### **Public Comment**

This is the opportunity for the public to comment on non-agenda items within the Board's jurisdiction. Comments are limited to 3 minutes.

### **Consent Items**

The Board will be asked to approve all Consent Items at one time without discussion. Consent Items are expected to be routine and non-controversial. If any Board member, staff or interested person requests that an item be removed from the Consent Items, it will be considered with the action items.

1. Minutes of the April 18, 2016 Regular Board Meeting  
*Recommendation: Approve subject minutes.*
2. Minutes of the April 25, 2016 Special Board Meeting  
*Recommendation: Approve subject minutes.*
3. Information Technology/Disaster Recovery Policy (PL – IT 004)  
*Recommendation: Adopt subject policy.*
4. Purchasing Card Policy (PL – Fin 006)  
*Recommendation: Adopt subject policy.*
5. Amendment to Resolution No. 16-10 Calling for the November 8, 2016 District Election  
*Recommendation: Adopt Modified Resolution.*

#### **Items for Discussion and Action**

6. Resolution No. 16-12 Honoring Sarita C. Cross on Her Retirement  
*Recommendation: Adopt subject resolution.*
7. 3305 Edison Avenue – Service Line Installation and Material Dispute  
*Receive written staff report and direct staff as appropriate.*
8. 2015 Urban Water Management Plan - Public Hearing  
*Receive written staff report and direct staff as appropriate.*
9. Minutes of the April 1, 2016 Special Board Meeting  
*Recommendation: Approve subject minutes.*
10. Amendment No. 2 to the Groundwater Stabilization Agreement Between PCWA and SSWD  
*Receive written staff report and direct staff as appropriate.*
11. 2016 Water Conservation Program and Stage Declaration  
*Receive written staff report and direct staff as appropriate.*

#### **Information Items**

12. Water Conservation and Regional Water Efficiency Program Report
  - a. Drought Report
  - b. Summary of Activities During April 2016

- c. Water Conservation Program and Results
  - d. Upcoming Events
- 13. District Activity Report
  - a. Water Operations and Exceptions Report
  - b. Customer Service Report
  - c. Community Outreach Report
- 14. Engineering Report
  - a. Major Capital Improvement Projects
  - b. County and City Projects/Coordination
  - c. McClellan Business Park
  - d. Groundwater Quality Projects
  - e. Developer Projects
  - f. Planning Studies
  - g. Other
- 15. Financial Report
  - a. Draft Financial Statements – April 2016
  - b. Draft Investments Outstanding and Activity – April 2016
  - c. Draft Cash Expenditures – April 2016
  - d. Draft Credit Card Expenditures – April 2016
  - e. Draft Directors Compensation and Expense Accounting – Through April 2016
  - f. Draft Market Report Yields – January 2010 through April 2016
  - g. Draft District Reserve Balances – April 2016

- h. Information Required by Bond Agreement
- 16. Web Site Improvement
- 17. Biannual Groundwater Elevations Report
- 18. 2015 Nitrate Monitoring Data Inquiry
- 19. General Manager's Report
  - a. Acquisition of Property on Antelope North Road Status
  - b. Update on McClellan Business Park Contract
  - c. Long Term Warren Act Contact Update
  - d. Water System Permit Fees
  - e. Sustainable Groundwater Management Act (SGMA) Emergency Regulations
- 20. Upcoming Policy Review
  - a. Employee Recruitment, Hiring and Promotion Policy (PL - HR 009)
  - b. Director Sexual Harassment Prevention Training Policy (PL – BOD 005)
  - c. Discrimination and Harassment Training Policy (PL – HR 012)
- 21. Legislative and Regulatory Update
- 22. Upcoming Water Industry Events

**Committee Reports**

- 23. a. Facilities and Operations Committee (Director Locke)  
No report.
- b. Finance and Audit Committee (Director Thomas)  
No report.
- c. Government Affairs Committee (Director Locke)  
No report.



- d. Ad Hoc Water Banking and Transfer Committee (Director Wichert)  
No report.

**Director's Reports (Per AB 1234, Directors will report on their meeting activities)**

- 24. a. Regional Water Authority (Director Thomas)  
Agenda from the May 12, 2016 Meeting.  
  
Regional Water Authority Executive Committee (General Manager Roscoe)  
Agenda from the April 27, 2016 Meeting.
- b. Sacramento Groundwater Authority (Director Schild)  
No report.
- c. Water Forum Successor Effort (General Manager Roscoe)  
No report.  
  
Carryover Storage Working Group Meetings  
No report.  
  
Water Forum Dry Year Conference Meeting  
No report.  
  
Water Caucus Meeting  
Agenda from the May 11, 2016 Meeting.
- d. Other Reports

**Miscellaneous Correspondence and General Information**

- 25. Correspondence received by the District
- 26. General Information

**Director's Comments/Staff Statements and Requests**

The Board and District staff may ask questions for clarification, and make brief announcements and comments, and Board members may request staff to report back on a matter, or direct staff to place a matter on a subsequent agenda.

**Closed Session (Closed Session Items are not opened to the public)**

- 27. Public Employee Performance Evaluation Involving the General Manager  
Under Government Code Section 54954.5(e) and 54957

**Adjournment**

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**Upcoming Meetings**

Thursday, May 26, 2016 at 10:00 a.m.; Finance and Audit Committee Meeting  
Monday, June 20, 2016 at 6:30 p.m., Regular Board Meeting  
Thursday, June 23, 2016 at 4:00 p.m., Facilities and Operations Committee Meeting

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I certify that the foregoing agenda for the May 16, 2016 meeting of the Sacramento Suburban Water District Board of Directors was posted by May 12, 2016 in a publicly-accessible location at the Sacramento Suburban Water District office, 3701 Marconi Avenue, Suite 100, Sacramento, California, and was freely available to the public.

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Robert S. Roscoe  
General Manager/Secretary  
Sacramento Suburban Water District



## Agenda Item: 15

**Date:** May 10, 2016  
**Subject:** Financial Report  
**Staff Contact:** Daniel A. Bills, Finance Director

Eight reports are attached for your information. They are:

- DRAFT - Financial Statements – April 2016
- Investments Outstanding and Activity – April 2016
- Cash Expenditures – April 2016
- Credit Card Expenditures – April 2016
- Directors Compensation and Expense Accounting – Through April 2016
- Market Report Yields – January 2010 through April 2016
- DRAFT - District Reserve Balances – April 2016
- DRAFT - Information Required by Bond Agreement

### Financial Statements

**These Financial Statements and certain other reports noted above and below are presented in Draft form and should not be relied upon for investment or other decision making purposes. As December 31 is the District's year-end for financial reporting purposes, amounts presented in this report will remain "Draft" until the external auditor's financial audit is complete and the Board accepts the audited 2015 annual report (CAFR). The results of the audit and the CAFR are expected to be complete and brought to the Board at the June Board meeting.**

#### DRAFT - Balance Sheet:

District cash and cash equivalents increased to \$5.0 million as of April 30, 2016, up from \$3.1 million at year-end. Cash held in the District's bank accounts (\$3.1 million as of April 30) is held in accordance with state and federal regulations, which state that cash held in the District's bank accounts above the FDIC insured limits must be fully collateralized with government securities that are equal to or greater than 110% of the District's cash balance in the bank at anytime.

Investments increased since year-end by \$0.4 million to a total of \$37.6 million, reflecting net unrealized market value gains and the reinvestment of interest received.

Capital assets grew \$2.2 at \$431.1 million as of April 30, 2016, reflecting expenditures on distribution main replacement projects, well replacement projects, and meter retrofits. Capital

assets are primarily funded by monthly remuneration from customers through “capital facilities charges,” developer contributions, as well as grant funds, when available, and District reserves when necessary.

Net position stands at \$228.2 million as of April 30, 2016, compared to \$225.7 million at year-end for an increase of \$2.5 million.

DRAFT - Income Statement:

The net position increase of \$2.5 million in 2016, when compared to \$2.8 million for the same year-to-date period in 2015, shows:

1. Water Consumption Sales decreased by \$0.1 million compared to the same period in 2015 despite a 4% rate increase effective at the beginning of 2016 due primarily to cooler temperatures and Spring rains that resulted in a corresponding reduction in demand. Capital Facility Charges increased by \$0.3 million in line with the rate increase that took effect at the beginning of 2016.
2. Operating expenses increased by \$0.5 million due primarily to the purchase of surface water in the North Service Area as surface water is available to the District this year.
3. Interest expense decreased by \$0.1 million compared to the same period a year ago, but rates are on the rise due to Federal Reserve actions and market conditions.
4. Interest and Investment income increased by \$0.1 million, while Facility Development Charges decreased by \$0.2 million compared to the same period a year ago.

DRAFT - Budgets:

The District’s operating and maintenance expenditures through April 2016 are less than the amended budget by \$1.0 million. Most of this positive variance is due to lower water production relative to that expected in the budget as customer demand is down.

Operating capital project expenditures in April were minimal. To date only \$62,218 has been spent, with an additional \$0.4 million encumbered. The total budget for the year is \$1.1 million.

The District’s capital improvement project (CIP) budget for 2016 is \$18.4 million. To date, \$2.3 million has been spent, while \$12.4 million is encumbered. Expenditures continue to be primarily in distribution system replacements, well improvements/replacements and meter retrofit projects.

Debt – April 2016

This report shows District activity in repaying its long-term debt obligations. Scheduled principal payments for 2016 are not due until October. Total principal outstanding as of April 30, 2016 is \$89.6 million.

#### Investments Outstanding and Activity – April 2016

Reserve funds are invested in diverse investments that consist of corporate notes, Federal Agency bonds and discount notes, U.S. Treasury bonds, notes and bills, commercial paper, municipal bonds, negotiable certificates of deposit and LAIF (Local Agency Investment Fund). The District's investments are under the day-to-day management of PFM Asset Management, LLC (PFM). PFM manages the portfolio in compliance with the District's Investment Policy and provides monthly and quarterly reporting, analysis and proposes strategies for the District. The market portfolio is currently earning a rate of 1.35% per annum, while LAIF is earning 0.47% per annum. District staff monitors investment assets quarterly and reviews/approves the effective duration of the District's portfolio against its benchmark index on a quarterly basis as well.

During the month, the District purchased one Supra-National Agency Bond for \$0.5 million (par), two Corporate Notes for \$0.4 million (par), and one Asset-Backed Security \$85,000 (par). The District sold one US Treasury Note for \$0.2 million (par), one Federal Agency Note for \$0.3 million (par) and one Corporate Note for \$0.4 million (par) . The District received paydowns of principal on three Federal Agency Collateralized Mortgage Obligations of \$4,695 (par) and three Asset-Backed Security Obligations for \$67,147 (par). See "Investment Activity" section in the attached report for further details, including net gain (loss) on sale.

All investments are invested and accounted for in accordance with the District Investment Policy (PL - FIN 003) and Government Code.

#### Cash Expenditures – April 2016

During the month of April, the District made cash payments totaling \$3.3 million. The primary expenditures were – \$0.5 million for capital improvement projects, \$0.3 million for capital improvement and operating and maintenance inventory supplies, \$0.1 million for water costs including pumping and chemical costs, \$0.1 for transmission and distribution system repair and maintenance, \$0.1 for postages and customer billing costs, \$1.3 million for debt service, \$0.8 million for payroll, pension and health benefits and \$0.1 million for engineering and IT consulting and audit services.

#### Purchasing Card Expenditures – April 2016

Per the District's Purchasing Card Policy (PL – FIN 006), a monthly report detailing each purchasing card transaction by cardholder is provided.

During the month, the District spent \$15,699 for various purchases on the six District purchasing cards. Details by vendor and purpose are included in this report.

#### Directors Compensation and Expense Accounting – April 2016

Director meetings attended during the month of April and expenses are attached in accordance with the District's Directors' Compensation and Expense Reimbursement Policy (PL – BOD 003) and Government Code Section 53065.5. Director's who have not reported their meeting attendance to District staff are not included in this report and are expected to make an oral report at the Board meeting.

Market Report Yields – January 2010 through April 2016

The first page in this report shows current market rate data. The overall yield curve increased compared to the prior month. The yield on 30-year Treasury Bonds increased by 4 basis points compared to the prior month to 2.59% and short-term rate increased by 3 bps to 0.25%. The slope of the curve continues to remain steep in the 2 to 5 year range. Compared to one year ago, the 30-year Treasury bond yield was 3.44% while the short-term rate was at 0.01%. The Federal Reserve Target Rate increased by 25 basis points to 0.50% compared to 25 basis points one year ago.

The second page in this section shows the holdings of the District's investment portfolio by maturity as a percentage of the total portfolio. The District's portfolio is compared to the Merrill Lynch UST Zero-to-5 year index (the District's benchmark index) for purposes of broadly illustrating the District's investment strategy in terms of its duration.

The final page shows the monthly (unannualized) returns of the District's portfolio relative to its benchmark index, as well as the annualized returns of the portfolio at month-end. This final page is an attempt to evaluate the District's portfolio strategy on a rate-return basis (as opposed to a total return or a risk basis) relative to the market.

DRAFT - District Reserve Fund Balances

The District's Reserve Policy, PL – Fin 004, requires the District to maintain a certain level of cash and investments on hand at any one time, as determined by the Board annually. Balances as of April 30, 2016 are \$46,139,224 compared to \$43,839,120 at December 31, 2015.

DRAFT - Information Required by Bond Agreement

Per Article 5.2 (b) of the 2009A COP Reimbursement Agreement with Sumitomo Mitsui Banking Corporation, year-to-date net revenues available for the payment of debt service costs and an estimate of debt service payments for the upcoming six months are provided.

**DRAFT**  
**Financial Statements**  
**April 30, 2016**

**Sacramento Suburban Water District  
Balance Sheet**

As Of

	<b>April</b>	<b>December</b>
	<b>2016</b>	<b>FY 2015</b>
<b>ASSETS</b>		
<b>CURRENT ASSETS</b>		
Cash and cash equivalents	\$5,007,364.10	\$3,107,756.76
Restricted Cash and cash equivalents	5,851.21	16,646.54
Accounts receivable, net of allowance for uncollectible accounts	1,690,944.63	2,303,487.73
Interest receivable	139,205.69	119,499.25
Restricted Interest receivable	5,241.40	10,807.97
Grants receivables	238,325.47	238,325.47
Other receivables		637,224.83
Inventory	520,951.99	484,946.83
Prepaid expenses and other assets	692,807.25	471,311.05
<b>TOTAL CURRENT ASSETS</b>	<b>8,300,691.74</b>	<b>7,390,006.43</b>
<b>NONCURRENT ASSETS</b>		
Investments	37,590,870.46	37,206,112.72
Restricted Investments	3,529,897.19	3,495,980.65
<b>TOTAL NONCURRENT ASSETS</b>	<b>41,120,767.65</b>	<b>40,702,093.37</b>
Property, plant and equipment	431,132,111.16	428,897,522.75
Accumulated depreciation	(152,806,364.25)	(149,076,072.93)
<b>TOTAL CAPITAL ASSETS</b>	<b>278,325,746.91</b>	<b>279,821,449.82</b>
<b>TOTAL ASSETS</b>	<b>327,747,206.30</b>	<b>327,913,549.62</b>
<b>DEFERRED OUTFLOWS OF RESOURCES</b>		
Deferred amount on long-term debt refunding	7,749,963.43	7,964,338.07
Deferred outflow of effective swaps	765,224.00	765,224.00
Pension contribution subsequent to measurement date	414,789.00	414,789.00
<b>TOTAL ASSETS AND DEFERRED OUTFLOWS OF RESOURCES</b>	<b>336,677,182.73</b>	<b>337,057,900.69</b>
<b>LIABILITIES</b>		
<b>CURRENT LIABILITIES</b>		
Current portion of long-term debt and capital leases	3,945,000.00	3,945,000.00
Accounts payable	136,586.63	2,341,285.19
Accrued interest	0.09	427,131.48
Deferred revenue and other liabilities	721,161.41	666,050.73
Accrued expenses	339,988.89	503,876.74
<b>TOTAL CURRENT LIABILITIES</b>	<b>5,142,737.02</b>	<b>7,883,344.14</b>
<b>NONCURRENT LIABILITIES</b>		
Long-term debt	94,933,859.48	95,148,711.88
Compensated absences	1,051,472.65	1,003,877.70
Net pension liability	5,722,018.00	5,722,018.00
Fair value of interest rate swaps	765,224.00	765,224.00
<b>TOTAL NONCURRENT LIABILITIES</b>	<b>102,472,574.13</b>	<b>102,639,831.58</b>
<b>TOTAL LIABILITIES</b>	<b>107,615,311.15</b>	<b>110,523,175.72</b>
<b>DEFERRED INFLOWS OF RESOURCES</b>		
Employee pensions	798,534.00	798,534.00
<b>NET POSITION</b>		
Invested in capital assets, net of related debt	188,692,076.01	188,692,076.01
Restricted	3,523,435.16	3,523,435.16
Unrestricted	36,047,826.41	33,520,679.80
<b>TOTAL NET POSITION</b>	<b>228,263,337.58</b>	<b>225,736,190.97</b>
<b>TOTAL LIABILITIES, DEFERRED INFLOWS AND NET POSITION</b>	<b>336,677,182.73</b>	<b>337,057,900.69</b>



**Sacramento Suburban Water District**  
**Income Statement**  
**Period Ended**

	Month 4/30/2016	Year-To-Date 4/30/2016	Month 4/30/2015	Year-To-Date 4/30/2015
<b>OPERATING REVENUES</b>				
Water consumption sales	\$564,625.55	\$2,055,394.61	\$784,141.27	\$2,183,324.65
Water service charge	533,799.01	2,076,151.15	537,601.09	2,083,605.70
Capital facilities charge	1,879,785.26	7,232,530.69	1,805,680.31	6,926,902.65
Wheeling water charge	352.88	1,284.84	496.44	1,611.84
Other charges for services	69,200.87	309,675.86	64,252.28	330,297.13
<b>TOTAL OPERATING REVENUES</b>	<b>3,047,763.57</b>	<b>11,675,037.15</b>	<b>3,192,171.39</b>	<b>11,525,741.97</b>
<b>OPERATING EXPENSES</b>				
Source of supply	178,154.88	429,609.28	4,029.28	16,117.12
Pumping	252,712.66	1,067,244.65	388,095.12	1,322,742.47
Transmission and distribution	374,364.08	1,039,430.36	212,078.87	794,928.62
Water conservation	55,726.73	130,666.46	24,105.78	101,398.20
Customer accounts	102,300.08	338,044.34	104,599.44	356,248.74
Administrative and general	582,731.95	1,926,132.19	531,057.05	1,829,467.73
<b>TOTAL OPERATING EXPENSES</b>	<b>1,545,990.38</b>	<b>4,931,127.28</b>	<b>1,263,965.54</b>	<b>4,420,902.88</b>
Operating income before depreciation	1,501,773.19	6,743,909.87	1,928,205.85	7,104,839.09
Depreciation and amortization	(932,572.83)	(3,730,291.32)	(946,423.12)	(3,789,255.11)
<b>OPERATING INCOME</b>	<b>569,200.36</b>	<b>3,013,618.55</b>	<b>981,782.73</b>	<b>3,315,583.98</b>
<b>NON-OPERATING REV. (EXP.)</b>				
Rental income	22,920.67	88,904.63	13,611.45	79,047.19
Interest and investment income	32,270.53	522,997.17	36,984.06	373,645.58
Interest expense	(272,503.11)	(1,164,211.47)	(284,720.70)	(1,250,308.25)
Other non-operating revenues	31.70	3,460.97	1,447.88	19,072.11
Grant revenue pass-through to sub recipients		88,603.00		
Other non-operating expenses		6.76		(98.12)
Sub recipient grant expenses		(88,603.00)		
Gain(loss) on disposal of capital assets				6,251.53
<b>NON-OPERATING REV. (EXP.)</b>	<b>(217,280.21)</b>	<b>(548,841.94)</b>	<b>(232,677.31)</b>	<b>(772,389.96)</b>
<b>NET INCOME (LOSS) BEFORE CAPITAL CONTRIBUTIONS</b>	<b>351,920.15</b>	<b>2,464,776.61</b>	<b>749,105.42</b>	<b>2,543,194.02</b>
<b>CAPITAL CONTRIBUTIONS</b>				
Facility development charges		62,370.00	47,220.00	255,100.00
Federal, state and local capital grants				8,464.00
<b>TOTAL CAPITAL CONTRIBUTIONS</b>		<b>62,370.00</b>	<b>47,220.00</b>	<b>263,564.00</b>
<b>CHANGE IN NET POSITION</b>	<b>351,920.15</b>	<b>2,527,146.61</b>	<b>796,325.42</b>	<b>2,806,758.02</b>
Net position at beginning of period	227,911,417.43	225,736,190.97	222,332,358.18	220,321,925.58
<b>NET POSITION AT END OF PERIOD</b>	<b>228,263,337.58</b>	<b>228,263,337.58</b>	<b>223,128,683.60</b>	<b>223,128,683.60</b>

**Sacramento Suburban Water District**  
**Operations and Maintenance Budget**  
*Period Ended*

	Month Of April			2016 YTD		
	Actual	Budget	Variance	Actual	Budget	Variance
<b>BUDGETED OPERATING EXPENSES</b>						
Board of Directors	\$2,695.07	\$2,788.71	\$93.64	\$11,160.91	\$17,754.84	\$6,593.93
Administrative	145,726.31	162,383.28	16,656.97	548,671.14	659,778.12	111,106.98
Finance	144,554.75	130,257.47	(14,297.28)	358,574.29	398,829.88	40,255.59
Customer Services	102,300.08	102,262.88	(37.20)	338,044.34	409,051.52	71,007.18
Field Operations	46,544.20	34,067.85	(12,476.35)	113,991.50	136,271.40	22,279.90
Production	430,867.54	537,075.47	106,207.93	1,496,853.93	2,051,801.89	554,947.96
Distribution	253,241.67	144,578.65	(108,663.02)	643,784.74	578,314.60	(65,470.14)
Field Services	120,223.41	94,972.28	(25,251.13)	394,746.62	379,609.12	(15,137.50)
Maintenance	52,569.85	51,829.20	(740.65)	187,780.67	207,316.80	19,536.13
Water Conservation	55,726.73	60,661.48	4,934.75	130,666.46	242,645.92	111,979.46
Engineering	81,412.97	92,679.42	11,266.45	259,289.60	370,522.68	111,233.08
GIS/CAD	35,989.71	31,933.59	(4,056.12)	104,047.47	117,234.36	13,186.89
Human Resources	21,477.23	22,846.32	1,369.09	57,843.02	98,740.28	40,897.26
MIS	52,660.86	58,251.61	5,590.75	285,672.59	306,620.44	20,947.85
<b>TOTAL OPERATING EXPENSES</b>	<b>1,545,990.38</b>	<b>1,526,588.21</b>	<b>(19,402.17)</b>	<b>4,931,127.28</b>	<b>5,974,491.85</b>	<b>1,043,364.57</b>

SACRAMENTO SUBURBAN WATER DISTRICT  
 OPERATING CAPITAL AMENDED BUDGET  
 4/30/2016

Project Number	Project Name	Original Budget	Amended Budget	Current Month Expenditures	Expenditures Year-To-Date	Committed Year-To-Date	Remaining Balance
SF16-344	2015 URBAN MASTER PLAN	\$42,000.00	\$42,000.00	\$	66.63	\$ 41,933.37	\$ -
SF16-345	UPDATE WATER SYS MASTER PLAN	\$73,000.00	\$73,000.00		8,693.92	51,847.08	12,459.00
SF16-371	OFFICE FURNITURE SUITE 200	\$5,000.00	\$5,000.00		-	565.00	4,435.00
SF16-372	OFFICE FURNITURE WALNUT	\$10,000.00	\$10,000.00	1,011.30	8,842.62	933.35	224.03
SF16-373	BOARD ROOM WALL MAPS	\$5,000.00	\$5,000.00		-		5,000.00
SF16-374	NEW VEHICLE-FIELD SERVICE DEPT	\$45,000.00	\$45,000.00		-	37,961.00	7,039.00
SF16-375	VEH REPL/ RIGHT SIZE TRUCK#32	\$124,000.00	\$124,000.00		-		124,000.00
SF16-376	VEH REPL-TRUCK# 26	\$33,500.00	\$33,500.00		-	32,774.00	726.00
SF16-377	VEH REPL/RIGHT SIZE -TRUCK# 13	\$33,500.00	\$33,500.00		-	32,774.00	726.00
SF16-378	ASPHALT REPAIR/REPL-WELL SITES	\$35,500.00	\$35,500.00		-		35,500.00
SF16-379	PROD METERS REPL/MAGMETERS	\$15,000.00	\$15,000.00		-	10,984.00	4,016.00
SF16-380	NOMAD 360/AREA SPOTET LIGHT	\$4,000.00	\$4,000.00		-	3,615.00	385.00
SF16-381	METER VAULT LID RETROFIT	\$10,500.00	\$10,500.00		-		10,500.00
SF16-382	WATER CONSERV -MASTER PLAN	\$45,000.00	\$45,000.00		-		45,000.00
SF16-383	REMODEL CUSTOMER SERV AREA	\$35,000.00	\$35,000.00		-	36,890.00	(1,890.00)
SF16-384	REPL EXT/GARAGE LIGHTING-LED	\$20,000.00	\$20,000.00		8,067.34	8,067.66	3,865.00
SF16-385	INSTL 5 CAMERAS @ WALNUT	\$20,000.00	\$20,000.00		-		20,000.00
SF16-386	REPL CAMERAS @ MARCONI	\$6,000.00	\$6,000.00		-		6,000.00
SF16-387	HVAC/ROOF/BUILD REPAIRS	\$30,000.00	\$30,000.00		-		30,000.00
SF16-388	BUILD & STRUCTURES MAINTENANCE	\$95,000.00	\$95,000.00		-	76,200.00	18,800.00
SF16-389	HARDWARE REFRESH	\$170,000.00	\$170,000.00	18,147.98	18,147.98		151,852.02
SF16-390	SOFTWARE ENHANCEMENTS/MODULES	\$115,000.00	\$115,000.00	13,760.00	18,400.00	17,600.00	79,000.00
SF16-391	TRIMBLE HANHELD COMPUTR-FIELD	\$6,000.00	\$6,000.00		-	4,650.00	1,350.00
SF16-392	WEB SITE UPGRADE	\$35,000.00	\$35,000.00		-		35,000.00
SF16-393	GPS ASSET LOCATION PROJECT	\$75,000.00	\$75,000.00		-		75,000.00
		<b>\$ 1,088,000.00</b>	<b>\$ 1,088,000.00</b>	<b>\$ 32,919.28</b>	<b>\$ 62,218.49</b>	<b>\$ 356,794.46</b>	<b>\$ 668,987.05</b>

**Sacramento Suburban Water District  
Capital Improvement Project Amended Budget  
4/30/2016**

Project No.	Project Name	Original Budget	Amended Budget	Current Month Expenditures	Expenditures Year-To-Date	Committed Year-To-Date	Remaining Balance
SC16-007	GROUNDWTR MONITORING/MODELING	\$50,000.00	\$ 50,000.00	\$	\$ 6,198.33	\$ 43,801.67	\$ -
SC16-009	WELL REHAB/PUMP ST IMPROVEMENT	\$890,000.00	890,000.00	\$16,717.56	173,651.90	562,976.60	153,371.50
SC16-010	SCADA RTU/COMMUN IMPROVEMENT	\$200,000.00	200,000.00	9,449.00	11,076.50	58,981.50	129,942.00
SC16-011	WELLHEAD TREATMENT/CHEM FEED	\$370,000.00	370,000.00		29,577.90	5,422.10	335,000.00
SC16-012	WELL REPLACEMENTS	\$2,600,000.00	2,600,000.00	133,966.70	349,785.20	1,828,560.77	421,654.03
SC16-013	ELEC ARC FLASH MOD @ WELL SITES	\$330,000.00	330,000.00	34,040.00	41,192.00	108,760.00	180,048.00
SC16-018	DISTRIBUTION MAIN REPLACEMENTS	\$8,420,000.00	8,420,000.00	238,441.19	974,928.41	7,563,757.13	(118,685.54)
SC16-019	DIST MAIN IMPRV/EXT/INTERTIES	\$775,000.00	775,000.00	14,925.00	58,304.10	348,064.90	368,631.00
SC16-022	LOWERING/RAISING VALVE BOXES	\$150,000.00	150,000.00	2,730.00	2,730.00	30,250.00	117,020.00
SC16-024	METER RETROFIT PROGRAM	\$1,900,000.00	1,900,000.00	173,003.25	385,591.37	1,513,516.35	892.28
SC16-024A	VOLUNTARY METER RETROFIT PROGRAM	\$75,000.00	75,000.00	5,976.64	9,356.56	1,850.00	63,793.44
SC16-027	DISTRIB MAJOR REPAIRS	\$380,000.00	350,000.00		94,211.49	41,400.51	214,388.00
SC16-028	DISTRIB SYSTEM IMPRV	\$375,000.00	375,000.00		23,459.75	9,500.25	342,040.00
SC16-034	RESERVIOR/TANK IMPROVMENT	\$200,000.00	200,000.00	4,805.00	13,679.54	49,942.46	136,378.00
SC16-034A	CORROSION CONTRL/TRANSMISSION MAIN	\$450,000.00	450,000.00		6,225.00		443,775.00
SC16-035	PROFESSIONAL/SPECIAL PROJ	\$100,000.00	100,000.00	9,860.00	38,197.50	19,975.00	41,827.50
SC16-038	LARGE WTR METER >3" REPL	\$140,000.00	140,000.00		8,400.00		131,600.00
SC16-039	FIRE HYDRANT REPL/REHAB/ADD	\$200,000.00	200,000.00	5,918.00	5,918.00	2,768.00	191,314.00
SC16-040	ENGINE GENERATOR COMPLIANCE	\$75,000.00	75,000.00		-	50,177.00	24,823.00
SC16-042	METER REPLACE/REPAIR - WMP	\$558,000.00	558,000.00	63,830.00	63,830.00	189,589.00	304,581.00
SC16-044	CAPITAL IMPRV CTP(SJWD AGREEMENT)	\$7,000.00	7,000.00		-		7,000.00
SC16-045	ENTERPRISE INTERTIE IMPROVEMENT	\$180,000.00	180,000.00		-		180,000.00
<b>Totals SSWD</b>		<b>\$ 18,395,000.00</b>	<b>\$ 18,395,000.00</b>	<b>\$ 705,662.34</b>	<b>\$ 2,296,313.55</b>	<b>\$ 12,429,293.24</b>	<b>\$ 3,669,393.21</b>

**Sacramento Suburban Water District  
Debt  
4/30/2016**

**Current Month**

	Series 2009A COP	Series 2009B COP	Series 2012A	Total
Beginning Balance	\$ 42,000,000			
Additions:		26,045,000	21,515,000	89,560,000
		\$	\$	\$
Reductions:				
Payment	-			-
Ending Balance	\$ 42,000,000	26,045,000	21,515,000	89,560,000

**Year-To-Date**

	Series 2009A COP	Series 2009B COP	Series 2012A	Total
Beginning Balance	\$ 42,000,000			
Additions:		26,045,000	21,515,000	89,560,000
		\$	\$	\$
Reductions:				
Payment	-	-		-
Ending Balance	\$ 42,000,000	26,045,000	21,515,000	89,560,000

**Investments Outstanding and Activity  
April 2016**

SACRAMENTO SUBURBAN WATER DISTRICT  
INVESTMENTS OUTSTANDING - OPERATING FUND

April 30, 2016

MONTH END:

Detail of Securities Held:

SECURITY TYPE CUSIP	DESCRIPTION	PAR	COUPON	MATURITY DATE	S&P RATING	TRADE DATE	SETTLE DATE	ORIGINAL COST	YTM AT COST	ACCRUED INTEREST	MARK - TO- MARKET	MARKET VALUE
458192DX7	SUPRANATIONAL AGENCY BOND INTER-AMERICAN DEVELOPMENT BANK	525,000.00	1.00%	5/13/2019	AAA	4/5/2016	4/12/2016	533,425.00	1.10	277.08	(310.80)	523,114.20
		525,000.00						523,425.00	1.10	277.08	-310.80	523,114.20
CORPORATE NOTE												
084664BS0	BERKSHIRE HATHAWAY FIN GLOBAL NOTE	350,000.00	2.30%	5/15/2017	AA	1/8/2013	1/15/2013	354,083.50	1.26	2,582.22	(2,200.10)	352,783.40
24422ESN0	JOHN DEERE CAPITAL CORP NOTES	620,000.00	1.12%	6/13/2017	A	6/13/2014	6/13/2014	609,685.10	1.14	2,919.31	2,338.97	672,024.07
48437CAA3	HISBC USA INC	1,300,000.00	1.30%	6/23/2017	A+	6/23/2014	6/23/2014	289,559.20	1.35	1,340.44	1,277.53	289,836.73
023XNDOR7	AMERICAN EXPRESS CREDIT CORP NOTES	215,000.00	1.55%	9/22/2014	A+	9/18/2014	9/23/2014	214,711.90	1.60	361.02	1,137.57	215,849.47
160764AA8	CHEVRON CORP (CALLABLE) GLOBAL NOTES	220,000.00	1.104	12/5/2017	AA	11/29/2012	12/5/2012	150,811.50	0.99	671.60	(724.20)	150,087.30
160764AA8	CHEVRON CORP (CALLABLE) GLOBAL NOTES	220,000.00	1.104	12/5/2017	AA	11/28/2012	12/5/2012	220,000.00	1.10	985.01	128.04	220,128.04
45920HK0	IBM CORP GLOBAL NOTES	485,000.00	1.25%	3/8/2018	AA-	2/5/2013	2/8/2013	482,778.70	1.35	1,597.74	4,169.06	486,947.76
084670B0	BERKSHIRE HATHAWAY GLOBAL NOTE (EX-CALL)	525,000.00	1.55%	2/9/2018	AA	1/29/2013	2/11/2013	524,270.25	1.58	1,853.54	6,043.28	530,313.53
96466HC16	BANK OF NEW YORK MELLON (CALLABLE) NOTE	400,000.00	1.35%	3/6/2018	A+	3/4/2013	3/6/2013	399,884.00	1.36	825.00	1,634.80	401,518.80
30217AL6	EXXON MOBIL CORP NOTES	800,000.00	1.90%	3/6/2018	AAA	3/4/2013	3/6/2013	800,000.00	1.31	1,595.00	4,931.20	804,931.20
30662G6W9	GENERAL ELEC DAP CORP GLOBAL NOTES	500,000.00	1.62%	4/2/2018	AA+	4/10/2013	4/15/2013	501,285.09	1.57	654.51	4,577.50	505,862.50
037833A19	APPLE INC GLOBAL NOTES	475,000.00	1.00%	5/3/2018	AA+	4/30/2013	5/3/2013	473,247.25	1.08	2,348.61	1,954.15	475,201.40
064049DB2	BANK OF NEW YORK MELLON CORP	600,000.00	1.60%	5/3/2018	AA+	5/22/2013	5/29/2013	399,964.03	1.60	2,826.67	3,418.80	403,383.80
160764A09	CHEVRON CORP GLOBAL NOTES	680,000.00	1.71%	6/24/2018	AA	6/17/2013	6/24/2013	680,000.00	1.72	4,121.29	6,496.72	686,496.72
17275RAR3	CISCO SYSTEM INC GLOBAL NOTES	375,000.00	2.12%	5/1/2019	AA-	8/29/2014	9/4/2014	378,502.50	1.90	1,328.13	6,100.88	384,666.38
38147GY8	GOLMAN SACHS GRP INC CORP INT (CALLABLE)	500,000.00	2.00%	4/25/2016	BBB+	4/20/2016	4/25/2016	49,861.00	2.10	16.67	292.35	50,153.35
38147GY8	GOLMAN SACHS GRP INC CORP INT (CALLABLE)	325,000.00	2.00%	4/25/2016	BBB+	4/21/2016	4/26/2016	324,750.00	2.02	106.33	1,204.78	325,954.78
02063VAH4	AMERICAN HONDA FINANCE GLOBAL NOTES	800,000.00	2.25%	8/15/2019	A+	9/4/2014	9/9/2014	798,520.00	2.29	3,810.00	23,668.00	822,188.00
46626HKA7	JPMORGAN CHASE & CO (CALLABLE)	500,000.00	2.25%	1/23/2020	A	1/21/2015	1/16/2015	496,490.00	2.43	3,062.50	7,261.00	503,751.00
94074BGF1	WELLS FARGO & COMPANY	400,000.00	2.15%	1/30/2020	A-	2/2/2015	2/5/2015	402,798.00	2.00	1,171.89	1,785.20	404,579.20
8926NCF0	YOKO MOTOR CORP NOTES	250,000.00	2.15%	3/15/2020	AA-	3/15/2015	3/27/2015	252,000.00	1.96	731.60	2,920.00	255,140.00
00283AAZ3	ABBOTT LABORATORIES	300,000.00	2.00%	3/15/2020	A	3/24/2015	3/27/2015	553,635.50	1.86	1,405.56	(7,147.80)	546,487.70
46626HLW8	JPMORGAN CHASE & CO CORP INT (CALLABLE)	300,000.00	2.00%	3/15/2020	A	9/1/2015	9/4/2015	301,491.03	2.64	2,933.33	5,721.00	307,212.00
94074BGV6	WELLS FARGO & COMPANY NOTES	375,000.00	2.60%	7/22/2020	A-	9/12/2012	9/4/2015	377,103.75	2.48	2,681.25	7,276.50	384,380.25
		10,385,000.00						10,396,564.15	1.69	42,714.22	83,266.23	10,179,852.38
FED AGY BOND NOTE												
3137EADH9	FREDDIE MAC GLOBAL NOTES	65,000.00	1.00%	6/29/2014	AA+	8/11/2014	8/13/2014	65,076.05	0.96	220.28	89.70	65,165.75
3137EADH9	FREDDIE MAC GLOBAL NOTES	500,000.00	1.00%	6/29/2014	AA+	8/11/2014	8/13/2014	500,477.00	0.97	1,694.44	798.00	501,275.00
3135GOWZ3	FANNIE MAE GLOBAL NOTES	900,000.00	0.87%	8/26/2017	AA+	9/10/2012	9/10/2012	902,232.00	0.82	1,378.13	(969.20)	901,262.70
3135GOWX8	FANNIE MAE GLOBAL NOTES	500,000.00	0.87%	5/21/2018	AA+	5/24/2013	5/31/2013	492,423.00	1.19	1,166.67	(192,100.70)	300,324.30
3135GOVY4	FANNIE MAE GLOBAL NOTES	300,000.00	0.87%	5/21/2018	AA+	5/22/2013	5/24/2013	297,465.00	1.05	1,944.44	203,073.50	300,540.50
3135GOVY4	FANNIE MAE GLOBAL NOTES	260,000.00	1.62%	11/27/2018	AA+	10/22/2014	10/23/2014	262,470.00	1.39	1,897.36	1,977.82	264,447.82
3135GOVY4	FANNIE MAE GLOBAL NOTES	650,000.00	1.62%	11/27/2018	AA+	6/16/2014	6/19/2014	650,019.50	1.62	4,518.40	11,100.05	661,119.55
3135GOWS3	FNMA BENCHMARK NOTE	555,000.00	1.00%	2/7/2019	AA+	2/19/2016	2/23/2016	555,690.20	1.08	1,002.08	1,011.21	554,701.41
3137EADG1	FREDDIE MAC NOTES	400,000.00	1.75%	5/30/2019	AA+	12/1/2014	12/3/2014	404,544.00	1.49	2,956.11	4,162.00	408,766.00
		4,120,000.00						4,128,398.75	1.17	16,667.91	29,144.28	4,157,543.05
MUNICIPAL BOND NOTE												
6842BLD0	ORANGE CNTY CA TXBL REV PO BONDS	500,000.00	0.78%	7/1/2017	AA-	1/9/2015	1/13/2015	500,000.00	0.78	953.33	-	500,000.00
13017HADK	CA EARTHQUAKE AUTH TXBL REV BONDS	215,000.00	1.83%	7/1/2017	NR	10/29/2014	11/6/2014	215,000.00	1.82	1,507.20	1,492.10	216,492.10
13063CF9	CA ST TXBL GO BONDS	300,000.00	1.75%	5/1/2017	AA	10/22/2012	11/5/2013	752,677.50	1.66	6,562.50	4,807.50	757,575.00
9141GZS20	UNIV OF CAL TXBL REV BONDS	695,000.00	2.05%	5/15/2018	AA	9/26/2013	10/2/2013	658,500.00	2.05	6,584.50	13,740.15	708,740.15
20772ZJK1	CT ST TXBL GO BONDS	230,000.00	1.97%	3/16/2015	AA	3/16/2015	3/25/2015	230,646.30	1.90	580.14	1,867.60	232,513.90
		2,390,000.00						2,393,323.80	1.63	15,983.67	21,997.35	2,415,321.15
FEDERAL AGENCY COLLATERALIZED MORTGAGE OBLIGATION												
3136GANJ4	FNMA SERIES 2015-M7 ASO2	185,000.00	1.55%	4/1/2018	AA+	4/15/2015	4/20/2015	186,849.33	0.83	238.96	(785.62)	186,063.71
3136GAMC0	FNMA SERIES 2015-M3 FA	132,967.76	0.39%	6/1/2018	AA+	2/12/2015	3/2/2015	132,953.01	0.39	69.14	(304.08)	132,628.93
3136GANTH1	FNMA SERIES 2015-M4 FA	202,684.12	0.38%	9/25/2018	AA+	3/12/2015	3/11/2015	130,653.20	0.38	70.27	(473.27)	120,179.93
3136AQSW1	FNMA SERIES 2015-M15 ASO2	170,000.00	1.89%	1/1/2019	AA	11/6/2015	11/20/2015	171,699.98	1.20	268.89	53.45	171,753.43
3136AQSW1	FNMA SERIES 2015-M15 ASO2	355,000.00	1.64%	9/1/2019	AA+	10/7/2015	10/20/2015	358,554.93	1.08	486.94	(1,671.73)	356,883.20
3136AFLD0	FNMA MAE SERIES 2015-M13 ASO2	386,724.74	0.54%	4/25/2020	AA+	8/10/2015	9/20/2015	386,585.53	0.54	243.13	(49.81)	386,735.34
3136AFLZ5	FNMA SERIES 2015-M12 F4	1,350,376.62						1,357,275.98	0.78	1,381.33	(3,031.44)	1,354,244.54
CERTIFICATE OF DEPOSIT												
38147JL3	GOLDMAN SACHS BANK USA CD	800,000.00	0.90%	8/12/2016	A-1	8/14/2014	8/19/2014	800,000.00	0.90	1,420.27	384.00	800,384.00

SACRAMENTO SUBURBAN WATER DISTRICT  
INVESTMENTS OUTSTANDING - OPERATING FUND

MONTH END: April 30, 2016

Detail of Securities Held:

SECURITY TYPE	CUSIP	DESCRIPTION	PAR	COUPON	DATE	MATURITY	S&P	TRADE DATE	SETTLE DATE	ORIGINAL COST	YTM AT COST	ACCRUED INTEREST	MARK - TO-MARKET	MARKET VALUE
PPM	156061Y9	CANADIAN IMPERIAL BANK NY YCO	800,000.00	1.010	4/6/2017	A-1	4/6/2015	4/10/2015	800,000.00	1.01	561.11	561.00	799,500.00	
PPM	21684BXH2	RABOBANK NEDERLAND NY NY CD	1,000,000.00	1.070	4/21/2017	A-1	4/22/2015	4/27/2015	1,000,000.00	1.07	297.22	15.00	1,000,015.00	
PPM	05574BRV5	BMO HARRIS BANK NA CD	800,000.00	1.160	4/24/2017	A-1	10/22/2015	10/23/2015	800,000.00	1.01	4,244.44	4,244.44	801,007.20	
PPM	65531FA5	NORDEA BANK FINLAND NY CD	800,000.00	1.150	5/30/2017	AA-	5/27/2015	5/29/2015	800,000.00	1.15	4,012.22	(956.00)	799,044.00	
PPM	8911RESN7	NORDEA BANK FINLAND NY CD	825,000.00	1.240	6/16/2017	AA-	6/16/2015	6/16/2015	825,000.00	1.25	8,979.67	8,979.67	826,914.00	
PPM	8695ADH54	SVEVSKA HANDELSBANKEN NY FLT CD	750,000.00	0.832	8/24/2017	A-1+	11/20/2015	11/24/2015	750,000.00	0.84	1,499.96	(993.00)	749,914.00	
PPM	06417GAS7	BANK OF NOVA SCOTIA HOLSTON CD	750,000.00	1.560	1/16/2017	A-1	11/6/2015	11/9/2015	750,000.00	1.55	5,890.00	3,026.25	753,026.25	
PPM	83690FBG5	SKANDINAVISKA ENSKILDA BANKEN NY CD	750,000.00	1.480	1/16/2017	A-1	11/16/2015	11/17/2015	750,000.00	1.48	5,118.33	(1,361.25)	748,638.75	
PPM	40428AR41	HSBC BANK USA NA FLOATING CD	750,000.00	0.954	1/17/2017	A-1+	11/17/2015	11/18/2015	750,000.00	0.97	1,862.64	2,115.00	752,115.00	
PPM	78069Z22	ROYAL BANK OF CANADA NY CD	750,000.00	1.700	3/9/2018	AA-	3/11/2016	3/15/2016	750,000.00	1.69	1,770.93	5,321.25	755,321.25	
			8,775,000.00						8,775,000.00	1.17	35,356.69	10,875.45	8,785,875.45	
ASSET-BACKED SECURITY														
PPM	43184KAB7	HONDA ABS 2015-1-A2	62,689.02	0.700	6/15/2017	AAA	1/21/2015	1/28/2015	62,685.76	0.70	19.59	(12.22)	62,673.54	
PPM	8923VAB4	TOYOTA AUTO RECEIVABLES OWNER ABS NOTES	68,663.75	0.710	7/15/2017	AAA	2/24/2015	3/4/2015	68,663.10	0.71	21.67	(23.34)	68,639.76	
PPM	3453PAC6	FORD ABS 2014-C-A2	47,888.00	0.610	8/15/2017	AAA	1/25/2015	1/28/2015	47,886.55	0.63	12.98	13.67	47,881.22	
PPM	4381ENACB	HAROT 2015-2-A3	285,000.00	1.040	2/21/2019	AAA	5/13/2015	5/20/2015	284,956.25	1.05	82.33	(111.49)	284,844.76	
PPM	1730SEF8N	CITIBK CREDIT CRD ISSUANCE	300,000.00	1.020	2/22/2019	AAA	3/17/2015	3/20/2015	299,589.84	1.08	586.50	654.45	300,244.29	
PPM	89237CAD3	TOYOTA ABS 2015-B-A3	285,000.00	1.270	5/15/2019	AAA	6/10/2015	6/17/2015	284,979.17	1.27	217.31	673.25	285,652.42	
PPM	6477UAC4	NISSAN AUTO RECEIVABLE OWNER 2015-A	205,000.00	1.050	10/15/2019	NR	4/7/2015	4/14/2015	204,937.99	1.06	137.67	(149.74)	204,788.25	
PPM	3453JVAD1	FORDO 2015-B-A3	300,000.00	1.160	1/15/2019	NR	5/19/2015	5/26/2015	199,581.50	1.16	100.11	74.24	200,055.74	
PPM	647VAD0	NISSAN ABS 2015-B-A3	195,000.00	1.340	3/16/2020	NR	7/15/2015	7/22/2015	194,584.50	1.34	116.15	682.75	195,667.25	
PPM	4493HUAD8	HYUNDAI ABS 2016-A-A3	70,000.00	1.560	9/15/2020	AAA	3/22/2016	3/20/2016	69,396.42	1.57	48.53	412.69	70,399.11	
PPM	05523RCL0	BANK OF AMER CREDIT CARD TR 2015-A2	280,000.00	1.360	9/15/2020	AAA	10/28/2015	10/29/2015	280,404.69	1.30	169.24	755.46	281,160.15	
PPM	3453EAD7	FORD ABS 2016-B-A3	85,000.00	1.330	10/15/2020	NR	4/19/2016	4/26/2016	84,991.94	1.33	15.70	45.16	85,037.10	
			2,274,240.77						2,274,026.71	1.16	1,530.67	3,016.88	2,277,043.59	
US TSY BOND/NOTE														
PPM	912828CT7	US TREASURY NOTES	660,000.00	0.875	4/15/2027	AA+	5/15/2015	5/15/2015	664,176.56	0.54	252.46	(2,294.24)	661,882.32	
PPM	912828Y00	US TREASURY NOTES	250,000.00	1.375	7/31/2018	AA+	8/3/2015	8/31/2015	252,861.35	0.99	859.38	195.42	253,056.75	
PPM	912828V00	US TREASURY NOTES	550,000.00	1.375	7/31/2018	AA+	2/2/2015	2/4/2015	558,550.78	0.92	1,890.63	(1,825.93)	556,724.85	
PPM	912828A34	US TREASURY NOTES	235,000.00	1.250	11/30/2018	AA+	6/2/2014	6/3/2014	233,356.84	1.41	1,227.97	3,938.17	237,295.01	
PPM	912828V75	US TREASURY NOTES	450,000.00	1.500	12/31/2018	AA+	12/29/2014	12/31/2014	449,500.55	1.55	2,262.36	7,874.80	457,375.35	
PPM	912828F29	US TREASURY NOTES	475,000.00	1.750	9/30/2019	AA+	3/6/2015	3/7/2015	482,346.21	1.39	704.06	4,193.39	486,539.60	
PPM	912828TR1	US TREASURY NOTES	1,100,000.00	1.000	9/3/2019	AA+	2/6/2015	2/7/2015	1,079,503.91	1.42	931.69	19,894.39	1,099,398.30	
PPM	912828HU0	US TREASURY NOTES	275,000.00	1.250	9/2/2015	AA+	9/3/2015	9/3/2015	272,411.13	1.47	579.14	3,953.15	276,364.28	
PPM	912828U01	US TREASURY NOTES	275,000.00	1.250	9/2/2015	AA+	10/8/2015	10/9/2015	274,226.56	1.32	579.14	2,137.72	276,364.28	
PPM	912828Y2	US TREASURY NOTES	650,000.00	2.000	7/31/2020	AA+	12/1/2015	12/4/2015	662,263.67	1.58	3,250.00	9,140.83	671,404.50	
PPM	912828VY9	US TREASURY NOTES	675,000.00	2.125	8/31/2020	AA+	12/28/2015	12/30/2015	686,680.66	1.74	2,416.61	14,080.64	700,760.70	
PPM	912828W00	US TREASURY NOTES	1,000,000.00	1.750	10/31/2020	AA+	2/1/2016	2/3/2016	1,018,515.63	1.35	47.55	3,437.37	1,021,953.00	
PPM	912828A42	US TREASURY NOTES	525,000.00	2.000	11/30/2020	AA+	3/2/2016	3/4/2016	539,991.21	1.35	4,389.34	2,358.47	542,349.68	
PPM	912828A83	US TREASURY NOTES	625,000.00	2.375	12/31/2020	AA+	3/30/2016	3/31/2016	636,396.48	1.28	4,975.10	(48.98)	636,347.50	
			7,745,000.00						7,830,361.52	1.32	24,365.43	67,034.60	7,897,396.12	
TOTAL INVESTMENT PORTFOLIO			32,274,617.39						32,378,877.91	1.36	138,279.00	211,992.55	32,590,870.46	
CASH EQUIVALENTS														
US TSY MONEY MKT														
LAIF	4511H503	US TREASURY MONEY MARKET	128,100.33		OVERNIGHT				128,100.33	0.00	-	-	128,100.33	
	9024005	LOCAL AGENCY INVESTMENT FUND	2,148,309.38		OVERNIGHT				2,148,309.38	0.53	926.69	16.52	2,148,325.90	
TOTAL CASH EQUIVALENTS			39,551,027.10						39,655,287.62		139,205.69	212,009.07	39,867,296.69	



**Investment Activity**  
**April 2016**



**Managed Account Security Transactions & Interest**

For the Month Ending April 30, 2016

**SACRAMENTO SUBURBAN WATER DISTRICT - 76850100**

Transaction Type Trade Settle	Security Description	CUSIP	Par	Principal Proceeds	Accrued Interest	Total	Realized G/L Cost	Realized G/L Amort Cost	Sale Method
<b>BUY</b>									
04/05/16	04/12/16 INTER-AMERICAN DEVELOPMENT BANK DTD 04/12/2016 1.000% 05/13/2019	458182DX7	525,000.00	(523,425.00)	0.00	(523,425.00)			
04/19/16	04/26/16 FORD ABS 2016-B A3	34532EAD7	85,000.00	(84,991.94)	0.00	(84,991.94)			
04/20/16	04/25/16 DTD 04/26/2016 1.330% 10/15/2020 GOLDMAN SACHS GRP INC CORP NT (CALLABLE)	38141GVT8	50,000.00	(49,861.00)	0.00	(49,861.00)			
04/21/16	04/26/16 DTD 04/25/2016 2.000% 04/25/2019 GOLDMAN SACHS GRP INC CORP NT (CALLABLE)	38141GVT8	325,000.00	(324,792.00)	(18.06)	(324,810.06)			
	<b>Transaction Type Sub-Total</b>		<b>985,000.00</b>	<b>(983,069.94)</b>	<b>(18.06)</b>	<b>(983,088.00)</b>			

**INTEREST**

04/01/16	04/01/16 MONEY MARKET FUND	MONEY0002	0.00	0.00	0.48	0.48			
04/01/16	04/25/16 FNMA SERIES 2015-M3 FA	3136AMMC0	135,852.38	0.00	76.10	76.10			
04/01/16	04/25/16 DTD 02/01/2015 0.624% 06/01/2018 FNMA SERIES M4 FA	3136AMTM1	120,797.31	0.00	66.62	66.62			
04/01/16	04/25/16 DTD 03/01/2015 0.633% 09/01/2018 FNMA SERIES 2015-M7 ASQ2	3136ANJY4	185,000.00	0.00	238.96	238.96			
04/01/16	04/25/16 DTD 04/01/2015 1.550% 04/01/2018 FANNIE MAE SERIES 2015-M13 ASQ2	3136AODO0	355,000.00	0.00	486.94	486.94			
04/01/16	04/25/16 DTD 10/01/2015 1.646% 09/01/2019 FNMA SERIES 2015-M15 ASQ2	3136AOSW1	170,000.00	0.00	268.89	268.89			
04/01/16	04/25/16 DTD 11/01/2015 1.898% 01/01/2019 FNMA SERIES 2015-M12 FA	3136AP3Z3	388,421.97	0.00	257.71	257.71			
04/02/16	04/02/16 DTD 09/01/2015 0.767% 04/01/2020 GENERAL ELEC CAP CORP GLOBAL NOTES	36962G6W9	500,000.00	0.00	4,062.50	4,062.50			
04/06/16	04/06/16 DTD 04/02/2013 1.625% 04/02/2018 CANADIAN IMPERIAL BANK NY YCD	13606JYY9	800,000.00	0.00	4,040.00	4,040.00			
04/15/16	04/15/16 DTD 04/10/2015 1.010% 04/06/2017 BANK OF AMER CREDIT CARD TR 2015-AZ	05522RCU0	280,000.00	0.00	317.33	317.33			
	04/29/2015 1.360% 09/15/2020								





**Managed Account Security Transactions & Interest**

For the Month Ending April 30, 2016

**SACRAMENTO SUBURBAN WATER DISTRICT - 76850100**

Transaction Type	Trade	Settle	Security Description	CUSIP	Par	Principal Proceeds	Accrued Interest	Total	Realized G/L Cost	Realized G/L Amort Cost	Sale Method
<b>INTEREST</b>											
	04/15/16	04/15/16	TOYOTA ABS 2015-A A2	89236WAB4	83,704.59	0.00	49.53	49.53			
			DTD 03/04/2015 0.710% 07/15/2017								
	04/15/16	04/15/16	FORD ABS 2015-B A3	34530VAD1	200,000.00	0.00	193.33	193.33			
			DTD 05/26/2015 1.160% 11/15/2019								
	04/15/16	04/15/16	NISSAN ABS 2015-B A3	65475WAD0	195,000.00	0.00	217.75	217.75			
			DTD 07/22/2015 1.340% 03/15/2020								
	04/15/16	04/15/16	HONDA ABS 2015-1 A2	43814KAB7	78,541.36	0.00	45.82	45.82			
			DTD 01/28/2015 0.700% 06/15/2017								
	04/15/16	04/15/16	HYUNDAI ABS 2016-A A3	44930UAD8	70,000.00	0.00	45.50	45.50			
			DTD 03/30/2016 1.560% 09/15/2020								
	04/15/16	04/15/16	US TREASURY NOTES	912828C73	660,000.00	0.00	2,887.50	2,887.50			
			DTD 04/15/2014 0.875% 04/15/2017								
	04/15/16	04/15/16	NISSAN ABS 2015-A A3	65477UAC4	295,000.00	0.00	258.13	258.13			
			DTD 04/14/2015 1.050% 10/15/2019								
	04/15/16	04/15/16	TOYOTA ABS 2015-B A3	89237CAD3	385,000.00	0.00	407.46	407.46			
			DTD 06/17/2015 1.270% 05/15/2019								
	04/15/16	04/15/16	FORD ABS 2014-C A2	34530PAC6	84,141.81	0.00	42.77	42.77			
			DTD 11/25/2014 0.610% 08/15/2017								
	04/21/16	04/21/16	HONDA ABS 2015-2 A3	43813NAC0	285,000.00	0.00	247.00	247.00			
			DTD 05/20/2015 1.040% 02/21/2019								
	04/21/16	04/21/16	RABOBANK NEDERLAND NV CERT DEPOS	21684BXH2	1,000,000.00	0.00	5,350.00	5,350.00			
			DTD 04/27/2015 1.070% 04/21/2017								
	04/30/16	04/30/16	US TREASURY NOTES	912828WC0	1,000,000.00	0.00	8,750.00	8,750.00			
			DTD 10/31/2013 1.750% 10/31/2020								
<b>Transaction Type Sub-Total</b>					<b>7,271,459.42</b>	<b>0.00</b>	<b>28,310.32</b>	<b>28,310.32</b>			
<b>PAYDOWNS</b>											
	04/01/16	04/25/16	FNMA SERIES 2015-M3 FA	3136AMMCO	2,884.62	2,884.62	0.00	2,884.62	0.75	0.00	
			DTD 02/01/2015 0.624% 06/01/2018								
	04/01/16	04/25/16	FNMA SERIES 2015-M12 FA	3136AP3Z3	1,697.23	1,697.23	0.00	1,697.23	0.61	0.00	
			DTD 09/01/2015 0.767% 04/01/2020								
	04/01/16	04/25/16	FNMA SERIES M4 FA	3136AMTM1	113.19	113.19	0.00	113.19	0.03	0.00	
			DTD 03/01/2015 0.633% 09/01/2018								





**Managed Account Security Transactions & Interest**

For the Month Ending April 30, 2016

**SACRAMENTO SUBURBAN WATER DISTRICT - 76850100**

Transaction Type	Trade Settle	Security Description	CUSIP	Par	Principal Proceeds	Accrued Interest	Total	Realized G/L Cost	Realized G/L Amort Cost	Sale Method
<b>PAYDOWNS</b>										
04/15/16	04/15/16	HONDA ABS 2015-1 A2 DTD 01/28/2015 0.700% 06/15/2017	43814KAB7	15,852.34	15,852.34	0.00	15,852.34	0.83	0.00	
04/15/16	04/15/16	FORD ABS 2014-C A2 DTD 11/25/2014 0.610% 08/15/2017	34530PAC6	36,253.81	36,253.81	0.00	36,253.81	16.99	0.00	
04/15/16	04/15/16	TOYOTA ABS 2015-A A2 DTD 03/04/2015 0.710% 07/15/2017	89236WAB4	15,040.84	15,040.84	0.00	15,040.84	0.14	0.00	
<b>Transaction Type Sub-Total</b>				<b>71,842.03</b>	<b>71,842.03</b>	<b>0.00</b>	<b>71,842.03</b>	<b>19.35</b>	<b>0.00</b>	
<b>SELL</b>										
04/05/16	04/12/16	US TREASURY NOTES DTD 03/31/2014 1.625% 03/31/2019	912828C65	225,000.00	229,913.09	119.88	230,032.97	4,667.00	4,750.73	SPEC LOT
04/05/16	04/12/16	FNMA BENCHMARK NOTE DTD 02/23/2016 1.000% 02/26/2019	313560J53	295,000.00	295,758.15	376.94	296,135.09	1,454.35	1,423.34	SPEC LOT
04/21/16	04/26/16	CATERPILLAR FINANCIAL SE DTD 08/20/2014 1.250% 08/18/2017	14912L6D8	440,000.00	441,887.60	1,038.89	442,926.49	2,107.60	1,984.97	SPEC LOT
<b>Transaction Type Sub-Total</b>				<b>960,000.00</b>	<b>967,558.84</b>	<b>1,535.71</b>	<b>969,094.55</b>	<b>8,228.95</b>	<b>8,159.04</b>	
<b>Managed Account Sub-Total</b>					<b>56,330.93</b>	<b>29,827.97</b>	<b>86,158.90</b>	<b>8,248.30</b>	<b>8,159.04</b>	
<b>Total Security Transactions</b>					<b>\$56,330.93</b>	<b>\$29,827.97</b>	<b>\$86,158.90</b>	<b>\$8,248.30</b>	<b>\$8,159.04</b>	



**Cash Expenditures  
April 2016**

**Sacramento Suburban Water District  
Cash Expenditures  
April-16**

<u>Type</u>	<u>Payee</u>	<u># Inv</u>	<u>Purpose</u>	<u>Amount</u>
<b>CIP EXPENSES</b>				
	Affinity Engineering	7	WP Marconi Office	\$ 39,465.00
	Ahlstrom Construction	1	Main Replacement Inspection Services	9,300.00
	Chicago Title Company	1	Antelope North Road Purchase	123,258.75
	County of Sacramento Public Works	3	Inspection Fees	6,483.58
	Domenichelli & Associates	1	Engineering & Consulting CIP Services	14,925.00
	Doug Veerkamp Engineering	1	Main Replacement Projects 2016	35,707.15
	Electrical Construction Consulting	1	SCADA System Consulting	2,295.00
	ERC Contracting	2	Location Verification Services	17,025.00
	Flowline	1	Meter Installation Project	172,218.85
	Fulton - Elcamino Park District	1	Fencing Agreement	899.00
	GM Construction	3	Voluntary Meter Program	5,450.00
	Koch & Koch	1	Rutland Project Consulting	8,578.13
	Loewen Pump Maintenance	2	Pump Rehabilitation - Various	9,000.00
	Mitch Dion	2	Engineering & Consulting CIP Services	9,860.00
	Performance Piping	1	Retention	42,137.39
	Prodigy Electric	2	RTU Panel Installation at Well 77	8,134.00
	Rawles Engineering	1	Retention - Butano	4,550.00
	River City Painting	1	Painting of District Facilities	1,720.00
	Technoflo	2	Modbus Converters	4,842.56
	Tetra Tech	3	Hydrant Replacements	12,813.00
	Wood Rodgers Engineering	2	Rutland Project Consulting	15,542.60
<b>INVENTORY AND CIP SUPPLIES</b>				
	Armorcast	1	Inventory/CIP Supplies	10,506.35
	Corix	3	Inventory/CIP Supplies	3,219.53
	Ferguson/DBA Groeniger	7	Inventory/CIP Supplies	201,976.99
	Harrington Plastics	6	Inventory/CIP Supplies	9,670.66
	National Meter and Automation Inc	1	Inventory/CIP Supplies	11,937.46
<b>OPERATING CAPITAL EXPENSES</b>				
	National Business Furniture	1	Nesting Table	1,011.30
<b>WATER COSTS</b>				
	PG&E	2	Gas Service Buildings & P.S.	6,088.08
	Sierra Chemical	2	Water Quality Services/Chemicals	3,831.30
	SMUD	10	Electrical Utilities	40,442.14
<b>OPERATIONS &amp; MAINTENANCE</b>				
	A & A Stepping Stone	1	Top Soil Supplies	123.93
	A1 Fabrication & Welding	1	Welding Services	1,405.00
	Advanced Integrated Pest Management	4	Pest Control Services	311.50
	Airgas USA LLC	1	Field Supplies	80.48
	Allpro Backflow	2	Backflow Testing Services	4,086.00
	AM Conservation Group	2	Conservation Materials	9,430.56
	Answernet/Signius	1	Answering Service	548.05
	AT&T Calnet3	5	Phone Service	6,239.62
	Atlas Disposal	2	Trash Removal Services	431.02
	Badger Meter	1	Service Renewal	63.00

Sacramento Suburban Water District  
Cash Expenditures  
April-16

<u>Type</u>	<u>Payee</u>	<u># Inv</u>	<u>Purpose</u>	<u>Amount</u>
<b>OPERATIONS &amp; MAINTENANCE</b>				
	Bob's Tractor Service	1	Weed Abatement P.S.	850.00
	Brian Henson	1	Backflow Testing Services	1,900.00
	Brower Mechanical	4	HVAC Maintenance	1,702.50
	BSK Analytical Services	1	Lab Testing	19,541.65
	Burt's Lawn & Garden Service	5	Pump Site Maintenance	3,729.50
	Calif Special Districts Association	1	Annual Dues/Membership	575.00
	Calif State Board of Equalization	1	Sales and Use Tax 2015	57,569.00
	Calif Urban Water Conservation	1	Annual Dues/Membership	4,278.52
	Capital Rubber Company	2	Field Supplies	704.06
	Capitol Elevator Company	3	Elevator Maintenance	88.00
	CDWG	1	Annual Software Maintenance Agreement	2,000.00
	CINTAS	11	Uniforms and Janitorial Supplies - Walnut	2,448.96
	Citrus Heights Water District	1	Seal Fees	124.67
	Clear Vision Window Cleaning	1	Building Maintenance	225.00
	Cogsdale Corporation	1	Annual Great Plains Maintenance	18,471.00
	Comcast	1	Cable - Marconi	27.43
	Consolidated Communications	1	Telephone Services - Antelope	419.18
	County of Sac Environmental Mgt	1	3710 Myrtle 2016 Fees	107.00
	County of Sacramento Utilities	5	Monthly Utilities	803.07
	Crown Distributing	1	Janitorial Supplies	1,070.68
	Customer Rebates	7	Rebate Programs	1,834.00
	Customer Refunds	98	Customer Refunds	10,792.50
	Culligan	1	Water System - Walnut	68.30
	Dan Bills	1	Reimb. Out of Pocket Expense	43.20
	Direct TV	1	Cable - Walnut	5.00
	DST Output	7	Billing Production Processing & Postage	37,993.37
	EG News	1	Antelope Gardens Ad	180.00
	Emigh Hardware	11	Field Supplies	202.65
	Employee Relations Network	1	Employee HR Services	927.90
	Employment Development	1	Unemployment Claim	45.73
	Eurofins Eaton Analytical	1	Lab Services	1,626.00
	Federal Express	1	Express Mail	334.53
	Fleet Wash	3	Vehicle Maintenance	1,062.50
	Future Ford	1	Vehicle Maintenance	56.92
	GM Construction	5	System Repairs	105,059.17
	Grainger	2	Production Supplies	1,233.16
	Graybar	2	Production Electrical Supplies	23.77
	Greg Bundesen	1	Conference Attendance	243.47
	Griffin Janitorial	1	Janitorial Services	3,408.20
	H2H Properties	1	Monthly Parking Rental	1,197.00
	Hannah Dunrud	1	Educational Reimbursement	2,365.00
	Harold Ford	7	Vehicle Maintenance	2,876.13
	HD Supply/Whitecap	1	Warehouse Stock	65.87
	IN Communications	2	Community Outreach	7,546.39
	Instrument Technology Group	1	Metrotech Equipment	3,345.20
	Iron Mountain Offsite Data Storage	1	Offsite Data Storage	383.33
	John F Mahaney Company	1	Field Supplies	140.32
	John Spinella	1	Backflow Testing Services	375.00

Sacramento Suburban Water District  
Cash Expenditures  
April-16

<u>Type</u>	<u>Payee</u>	<u># Inv</u>	<u>Purpose</u>	<u>Amount</u>
<b>OPERATIONS &amp; MAINTENANCE</b>				
	Josh Taylor	1	Safety Shoe Reimbursement	249.54
	Les Schwab Tire Center	2	Vehicle Maintenance	1,195.28
	Mark Taylor	1	Certification Renewal Reimbursement	55.00
	Messenger Publishing Group	1	Antelope Gardens Ad	1,550.00
	Michael Phillips Landscaping Corp	4	Monthly Landscaping Services Offices	4,775.00
	Miles Treaster & Association	1	Business Furniture	187.04
	NDS Solutions	2	Conservation Materials	2049.22
	Neil Schild	1	Reimb. Out of Pocket Expense	42.12
	Normac	1	Field Supplies	31.88
	Office Depot	5	Office Supplies	1,181.02
	One Stop Truck Shop	4	Vehicle Maintenance	1,522.17
	Panatrack Inc	1	Inventory Labels	282.56
	Paul Baker Printing	1	Printing Services	895.13
	PFM Asset Management	1	Investor Services	3,905.36
	Rain for Rent	1	District Facility Maintenance	2,301.85
	Protection One	1	Walnut Fire Line Monitoring	502.77
	Ray Morgan	3	Printer/Copier Monthly Lease	18,774.46
	Regional Water Authority	1	Conservation Materials	2,625.00
	Robert Roscoe	1	Reimburse Out of Pocket Expenses	54.54
	Rue Equipment	9	Equipment Maintenance	3,238.56
	Sacramento Mobile Drug & Alcohol Testing	1	DOT Participation	120.00
	Shred It	1	Shred Services	56.96
	Sonitrol	3	Alarm Monitoring District Facilities	1,382.19
	Sophos Solutions	3	General IT Support	19,360.00
	State Water Resources	1	Water System Monitoring	13,040.19
	Sutter Medical Foundation	1	Preemployment Physicals	579.00
	Water Management Inc	1	Flushometer Equipment	1,377.00
	Tina Lynn Design	6	Product Design Services	937.00
	Tommy Fox	1	Certification Renewal Reimbursement	180.00
	US Bank Corporate Payment Systems	1	Monthly Calcard	15,707.12
	Verizon Wireless	2	Cell Service	2,751.05
	Vision Technology Solutions LLC	1	Web Site Monthly Fees	231.52
	Voyager Fleet Systems	1	Fuel	5,536.33
	Waste Management	3	Garbage Service	403.28
	Wells Sweeping	1	Monthly Maintenance/ Annual Cleaning	88.75
<b>DEBT SERVICE EXPENSES</b>				
	Union Bank N.A.	2	COP Payments	1,121,857.89
	Wells Fargo Swap	1	COP Payments	162,519.78
	Sumitomo Mitsui Banking Corp.	1	COP Payments	19,055.74
<b>LEGAL &amp; AUDIT</b>				
	Bartkiewicz, Kronick & Shanahan	1	Legal	8,461.36
<b>PAYROLL , PENSION &amp; BENEFITS</b>				
	ADP	3	April Payroll	541,343.17
	ADP	3	Payroll Processing Fees	1,721.80
	AFLAC	1	Supplemental Insurance	2,066.37
	PERS Pension	2	April Contribution	62,989.51
	ACWA/JPIA Insurance/EAP	1	Employee Assistance Program	141.00
	Ameritas/Vision	1	Vision Insurance	1,682.16



Sacramento Suburban Water District  
Cash Expenditures  
April-16

<u>Type</u>	<u>Payee</u>	<u># Inv</u>	<u>Purpose</u>	<u>Amount</u>
	CIGNA Healthcare	1	Life/LTD	3,342.36
	CIGNA - Dental Insurance	2	Dental Insurance	10,647.76
	PERS Health	1	PERS Health Insurance	86,170.44
	PERS Long Term Care	2	Di Pietro Retiree Benefit	1,657.49
<b>BANK CHARGES</b>				
	Brinks	2	Courier Fees	464.35
	Vantiv Integrated Payment Solutions	1	Payment Services - Customer Service	410.74
	Westamerica Analysis Fees	1	Analysis Charge and Card Processing	38.83
	Wells Fargo Statement & Notices	1	Monthly Statement	7,756.68
	Wells Fargo Credit Card Processing Staterr	1	Credit Card Processing Charges	10,667.25
<b>EMPLOYEE RETENTION/MORALE FUND</b>				
	Heather Hernandez	1	All Hands Meeting Refreshments	65.70
<b>Total Cash Expenditures</b>				<b>\$ 3,305,841.38</b>

**Credit Card Expenditures  
April 2016**

Sacramento Suburban Water District  
 US Bank Purchasing Card Program  
 CalCard Expenditures  
 April-16

Type	Vendor	Purpose	Cost	
<b>CIP/OCB Expenses</b>				
<b>OPERATIONS &amp; MAINTENANCE</b>				
	SmarFTP.com	Maintenance Renewal	199.80	18-54509
	Flashpoint Studios	Messages on Hold	79.00	04-54506
	Fry's Electronics	Cables for Computer Equipment	211.68	18-52101
	Roundtable Pizza	Dashboard Meeting	106.88	02-55002
	ACWA	Spring Conference Registration	695.00	02-55001
	ACWA	Spring Conference Registration	695.00	01-55001
	Wilson's Trophy	Name Plate	86.80	02-52108
	Cal - NV AWWA	Conference Registration	515.00	02-55001
	AWWA.org	Subscription Renewal	1,361.00	15-52101
	JMESales.com	Ck Valves	124.65	06-52101
	Rainbrid.com	Gardners Drip Kits	4,992.16	13-52101
	Lowe's	Storeroom Operating Supplies	475.48	05-52101
	Skillpath.com	Employee Training	111.75	03-55001
	Globalindustrial.com	Label Holders for Stock Bins	309.82	05-52101
	Pryor.com	Employee Training	99.00	06-51407
	Amazon.com	GBC Heatseal	49.17	05-52108
	Globalindustrial.com	Hazard Warning Labels	41.14	07-52101
	AWWA.org	Employee Training	765.00	05-51407
	Grainger.com	Displacement Connectors	536.99	08-52101
	StoreSNAPon.com	Ratcheting Box Wrench	298.38	08-52101
	Smart & Final	Kitchen Supplies	185.20	05-52108
	Smart & Final	Production Supplies	6.54	06-52101
	Target	Building Supplies	30.19	12-52101
	MYWhiteboard.com	Map Rails	364.63	12-54008
	UPS	Shipping	23.43	12-53003
	PepBoys	Vehicle Maintenance Supplies	32.35	12-54004
	Amazon.com	Clock	69.99	12-54008
	Lowe's	Thermal Imaging Camera for Phone	161.35	12-52101
	AEDsuperstore.com	Replace AED Panels	114.00	12-54007
	PepBoys	Vehicle Maintenance Supplies	151.18	12-54004
	The Home Depot	Building Supplies	21.86	12-54008
	PepBoys	Vehicle Maintenance Supplies	30.40	12-54004
	PepBoys	Vehicle Maintenance Supplies	9.06	12-54004
	Amazon.com	Building Supplies	24.93	12-54007
	J&J Locksmith	Spare Keys	45.36	12-54004
	Michaels	Document Frames	16.20	12-52101
	The Home Depot	Building Supplies	29.68	12-54008
	The Home Depot	Counter Top	277.37	12-54008
	Brown & Caldwell	Engineering Director Recruitment	200.00	17-51402
	Western City	Engineering Director Recruitment	450.00	17-51402
	Boxwood Technology	Engineering Director Recruitment	295.00	17-51402
	Transittalent.com	Engineering Director Recruitment	145.00	17-51402
	Boxwood Technology	Engineering Director Recruitment	100.00	17-51402
	Infocus Marketing	Engineering Director Recruitment	700.42	17-51402
	Brown & Caldwell	Engineering Director Recruitment	100.00	17-51402
	Boxwood Technology	Engineering Director Recruitment	295.00	17-51402
	Boxwood Technology	Engineering Director Recruitment	50.00	17-51402
	<b>Employee Morale Fund</b>			
	Raley's	All Hands Meeting Refreshments	16.38	02-51403
			<u>15,699.22</u>	
				\$15,707.12

\*\*NOTE \$7.90 reimbursed to District - payment in error  
 Did not include on above listing

**Directors Compensation and Expense Accounting –  
Through April 2016**

Sacramento Suburban Water District  
Board of Directors Meetings Attended (1)  
Pay Rate per Diem is \$100.0  
April 2016

Director Locke:

Director Schild:  
04/01/2016 Facilities & Operations Committee  
04/01/2016 SSWD Special Board Meeting (no pay)  
04/09/2016 Creek Week at Carmichael Park  
04/14/2016 Sacramento Groundwater Authority  
04/18/2016 SSWD Regular Board Meeting  
04/25/2016 SSWD Special Board Meeting

Director Wichert:

Director Gayle:

Director Thomas:

04/09/2016 Creek Week at Carmichael Park  
04/13/2016 San Juan WD Board Meeting  
04/14/2016 Sacramento Ground Water Authority  
04/15/2016 Meeting with Dan York

(1) Meetings during the current month reported by individual directors.

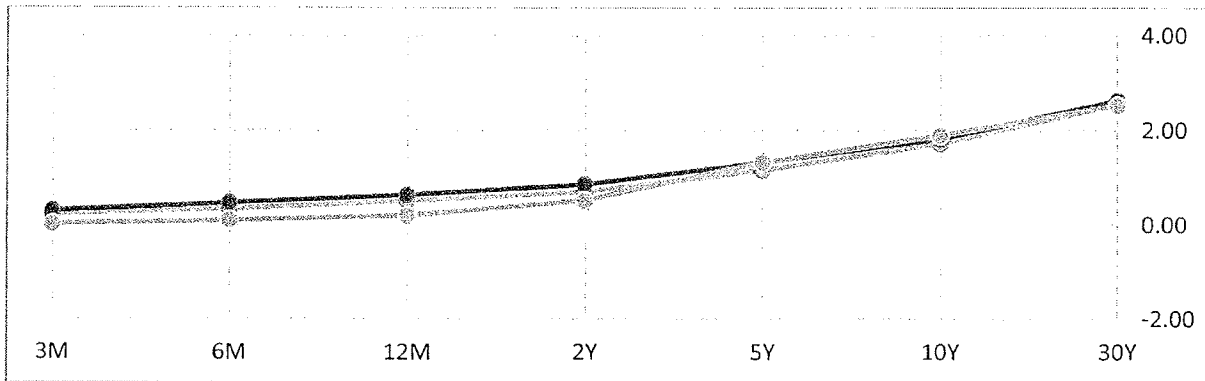
This report meets the reporting requirements of Government Code section 53065.5. This information will be included with the agenda materials for each regular monthly Board of Directors meeting.



**Market Report Yields -  
January 2010 through April 2016**

**Sacramento Suburban Water District**  
**United States Treasury and Federal Reserve Yields/Rates**  
**As of: May 10, 2016**  
**(Source: Bloomberg Market Data)**

## US Treasury Yields



NAME	COUPON	PRICE	YIELD	1 MONTH	1 YEAR	TIME (EDT)
3 Month	0.00	0.25	0.25%	+3	+24	11:03 AM
6 Month	0.00	0.36	0.36%	+4	+29	11:03 AM
12 Month	0.00	0.49	0.50%	-1	+27	11:03 AM
2 Year	0.75	100.05	0.72%	+3	+11	11:02 AM
5 Year	1.38	100.84	1.20%	+5	-39	11:03 AM
10 Year	1.63	98.83	1.76%	+3	-52	10:46 AM
30 Year	2.50	98.09	2.59%	+4	-44	11:03 AM

Change shown in basis points

## Federal Reserve Rates

Rate	Current	1 Year Prior	Rate	Current	1 Year Prior
Fed Funds Rate	0.38	0.13	Fed Reserve Target	0.50	0.25
Prime Rate	3.50	3.25			



**Sacramento Suburban Water District  
District Maturities Compared to Average Market Maturities  
(Market is Merrill-Lynch 0-5 Year U.S. Treasury Index)**

<u>4/30/2016</u>	<u>SSWD Holdings</u>	<u>ML 0-5 Year UST Index</u>
Under 6 Months	3.5%	12.4%
6 - 12 Months	8.7%	13.7%
1 - 2 Years	34.1%	23.2%
2 - 3 Years	21.5%	19.3%
3 - 4 Years	19.8%	15.6%
4 - 5 Years	12.6%	15.9%
<b>TOTAL</b>	<b>100.0%</b>	<b>100.0%</b>

**Sacramento Suburban Water District**  
**District Monthly Yield and Return Compared to Average Market**  
**(Market is Merrill-Lynch 0-5 Year U.S. Treasury Index)**

	Unannualized Monthly Returns		Yield to Maturity at Cost SSWD Operating Fund
	SSWD	ML 0-5 Year UST Index	
1/31/2010	0.65%	0.87%	2.41%
2/28/2010	0.27%	0.25%	2.41%
3/31/2010	-0.24%	-0.38%	2.45%
4/30/2010	0.45%	0.38%	2.36%
5/31/2010	0.47%	0.63%	2.18%
6/30/2010	0.67%	0.67%	2.17%
7/31/2010	0.51%	0.49%	2.09%
8/31/2010	0.32%	0.39%	2.06%
9/30/2010	0.24%	0.22%	1.96%
10/31/2010	0.38%	0.31%	1.95%
11/30/2010	-0.35%	-0.33%	1.84%
12/31/2010	-0.49%	-0.52%	1.84%
1/31/2011	0.22%	0.27%	1.85%
2/28/2011	-0.08%	-0.18%	1.82%
3/31/2011	-0.01%	-0.05%	1.79%
4/30/2011	0.68%	0.59%	1.79%
5/31/2011	0.47%	0.57%	1.73%
6/30/2011	-0.01%	0.03%	1.69%
7/31/2011	0.52%	0.59%	1.57%
8/31/2011	0.43%	0.62%	1.43%
9/30/2011	-0.12%	-0.11%	1.41%
10/31/2011	0.14%	0.09%	1.40%
11/30/2011	0.01%	0.12%	1.30%
12/31/2011	0.19%	0.13%	1.29%
1/31/2012	0.48%	0.25%	1.28%
2/29/2012	0.07%	-0.24%	1.19%
3/31/2012	-0.09%	-0.16%	1.19%
4/30/2012	0.26%	0.39%	1.19%
5/31/2012	0.03%	0.16%	1.18%
6/30/2012	0.06%	-0.07%	1.18%
7/31/2012	0.38%	0.33%	1.18%
8/31/2012	0.10%	0.04%	1.09%
9/30/2012	0.06%	0.01%	1.09%
10/31/2012	-0.02%	-0.10%	1.08%
11/30/2012	0.19%	0.18%	0.98%
12/31/2012	-0.03%	-0.03%	0.91%
1/31/2013	-0.03%	-0.10%	0.90%
2/28/2013	0.20%	0.19%	0.87%
3/31/2013	0.05%	0.04%	0.86%
4/30/2013	0.21%	0.19%	0.81%
5/31/2013	-0.34%	-0.41%	0.79%
6/30/2013	-0.42%	-0.32%	0.80%
7/31/2013	0.25%	0.19%	0.80%
8/31/2013	-0.30%	-0.22%	0.81%
9/30/2013	0.36%	0.41%	0.83%
10/31/2013	0.22%	0.19%	0.87%
11/30/2013	0.15%	0.09%	0.89%
12/31/2013	-0.27%	-0.37%	0.88%
1/31/2014	0.41%	0.34%	0.88%
2/28/2014	0.18%	0.12%	0.88%
3/31/2014	-0.21%	-0.24%	0.87%
4/30/2014	0.25%	0.20%	0.89%
5/31/2014	0.29%	0.32%	0.90%
6/30/2014	-0.02%	-0.08%	0.92%
7/31/2014	-0.11%	-0.17%	0.95%
8/31/2014	0.23%	0.28%	0.98%
9/30/2014	-0.14%	-0.14%	0.97%
10/31/2014	0.32%	0.39%	0.97%
11/30/2014	0.24%	0.25%	0.98%
12/31/2014	-0.19%	-0.27%	1.02%
1/31/2015	0.71%	0.81%	1.03%
2/28/2015	-0.21%	-0.40%	1.06%
3/31/2015	0.28%	0.34%	1.10%
4/30/2015	0.09%	0.03%	1.10%
5/31/2015	0.06%	0.08%	1.12%
6/30/2015	-0.13%	-0.07%	1.14%
7/31/2015	0.17%	0.15%	1.15%
8/31/2015	-0.05%	-0.01%	1.15%
9/30/2015	0.38%	0.43%	1.18%
10/31/2015	0.02%	-0.18%	1.28%
11/30/2015	-0.12%	-0.24%	1.28%
12/31/2015	-0.23%	-0.11%	1.32%
1/31/2016	0.68%	0.86%	1.32%
2/29/2016	0.14%	0.20%	1.35%
3/31/2016	0.44%	0.20%	1.35%
4/30/2016	0.08%	0.01%	1.36%

**DRAFT**  
**District Reserve Balances**  
**April 30, 2016**

**Sacramento Suburban Water District  
Reserve Fund Balance**

	<u>April 30, 2016</u>	<u>December 31, 2015</u>
Debt Service Reserve	\$ 3,540,990	\$ 3,523,427
Facilities Reimbursement	-	21,873
Emergency/Contingency	10,387,000	10,758,000
Operating	6,490,750	6,468,857
Rate Stabilization	5,630,000	5,870,000
Interest Rate Risk	-	-
Grant	1,068,000	654,000
Capital Asset	19,022,484	16,542,963
<b>TOTAL</b>	<u><u>\$ 46,139,224</u></u>	<u><u>\$ 43,839,120</u></u>

**Cash and Investments  
Per District Balance Sheet  
(Provided for Reconciliation Purposes)**

	<u>April 30, 2016</u>	<u>December 31, 2015</u>
Cash and cash equivalents	\$ 5,007,364	\$ 3,109,581
Investments	37,590,870	37,206,113
Restricted assets	3,540,990	3,523,427
<b>TOTAL</b>	<u><u>\$ 46,139,224</u></u>	<u><u>\$ 43,839,120</u></u>

## **Information Required by Bond Agreement**

Sacramento Suburban Water District  
6 - Months Debt Service Schedule  
4/30/2016

Month	Total SSWD Debt Service					Debt Service
	Principal	Interest Adjustable/Fixed/Swap	Facility Fee	Remarketing		
May-16	\$ -	\$ 1,213,994.37	\$ -	\$ -		\$1,213,994.37
Jun-16	-	92,131.37	47,250.00	13,125.00		152,506.37
Jul-16	-	92,131.37	-	-		92,131.37
Aug -16	-	78,831.37	-	-		78,831.37
Sep-16	-	78,831.37	-	-		78,831.37
Oct-16	-	78,831.37	-	-		78,831.37

Month	Series 2012A Fixed Rate Bonds (\$23,440,000.00)					Debt Service
	Principal	Interest - Fixed 4.25%	Facility Fee	Remarketing		
May-16	\$ -	\$ 461,613.00	\$ -	\$ -		\$ 461,613.00
Jun-16	-	-	-	-		-
Jul-16	-	-	-	-		-
Aug -16	-	-	-	-		-
Sep-16	-	-	-	-		-
Oct-16	-	-	-	-		-

Month	Series 2009A Adjustable Rate COPs (\$42,000,000.00)					Debt Service
	Principal	Interest, Adjustable 0.38%	Facility Fee 0.450%	Remarketing 0.125%		
May-16	\$ -	\$ 13,300.00				\$ 13,300.00
Jun-16	-	13,300.00	\$ 47,250.00	\$ 13,125.00		73,675.00
Jul-16	-	13,300.00				13,300.00
Aug -16	-	13,300.00				13,300.00
Sep-16	-	13,300.00				13,300.00
Oct-16	1.00	13,300.00				13,301.00

Month	Series 2009B Fixed Rate COPs (\$27,915,000)					Debt Service
	Principal	Interest - Fixed 5.00%	Facility Fee	Remarketing		
May-16	\$ -	\$ 660,250.00	\$ -	\$ -		\$ 660,250.00
Jun-16	-	-	-	-		-
Jul-16	-	-	-	-		-
Aug -16	-	-	-	-		-
Sep-16	-	-	-	-		-
Oct-16	-	-	-	-		-

Month	2012 SWAP Interest, Net (\$33,000,000.00)					Debt Service
	Principal	Interest, Swap Net (3.283-0.26223-0.18)%	Facility Fee	Remarketing		
May-16		\$ 78,831.37	-	-		78,831.37
Jun-16		\$ 78,831.37	-	-		78,831.37
Jul-16		\$ 78,831.37	-	-		78,831.37
Aug -16		\$ 78,831.37	-	-		78,831.37
Sep-16		\$ 78,831.37	-	-		78,831.37
Oct-16		\$ 78,831.37	-	-		78,831.37

**Sacramento Suburban Water District  
Schedule of Net Revenues  
As Of**

	Actual Year-To-Date <u>4/30/2016</u>	Approved Budget Year-To-Date <u>4/30/2016</u>
<b>REVENUES</b>		
Water sales charges	\$4,442,506.46	\$6,775,668.00
Capital facilities charge	7,232,530.69	7,343,667.00
Facility development charges	62,370.00	166,664.00
Interest and investment income	522,997.17	226,668.00
Rental & other income	92,040.60	100,000.00
<b>TOTAL REVENUES</b>	<b><u>12,352,444.92</u></b>	<b><u>14,612,667.00</u></b>
<b>EXPENSES</b>		
Source of supply	429,609.28	893,605.32
Pumping	1,067,244.65	1,158,196.57
Transmission and distribution	1,039,430.36	957,923.72
Water conservation	130,666.46	242,645.92
Customer accounts	338,044.34	409,051.52
Administrative and general	1,926,132.19	2,313,068.80
Other expenses	(6.76)	
<b>TOTAL EXPENSES</b>	<b><u>4,931,120.52</u></b>	<b><u>5,974,491.85</u></b>
<b>NET REVENUE</b>	<b><u>7,421,324.40</u></b>	<b><u>8,638,175.15</u></b>



## Agenda Item: 16

**Date:** May 2, 2016

**Subject:** Web Site Improvement

**Staff Contact:** John E. Valdes, Engineering Manager  
David Espinoza, Associate Engineer

District staff is continually looking for new ways to strengthen processes in support of the District's Mission Statement and core values. To provide "superior customer service," the Engineering Department has developed a new web page that aids developers, builders, residential customers, and property owners who wish to obtain or expand District water services. This web page includes relevant tools and information in a central location on the District's website to guide customers through the planning and application process. See the attached Exhibit 1 for a screen shot of the new web page.

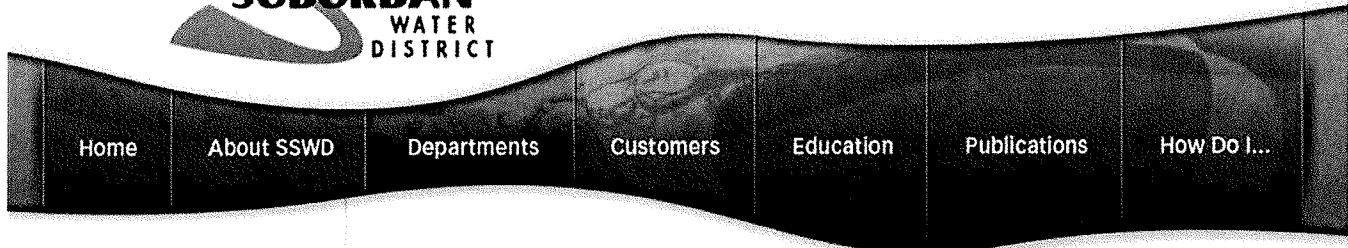
The web page is called Development Services and it includes several new features. Various District applications and forms have been converted into a typeable PDF that customers can complete on their computer or smart phone. A Summary of Development Fees and Charges was created to help customers financially prepare for their new service(s). A Plan Review Checklist was created so customers can double check everything they need on their plans. Staff has provided links to meter data sheets for help with fire-sprinkler design. The new web page also has links to the District's Standards and Technical Specifications, and Sacramento County Standards. In addition, the new web page also provides examples of documents required of contractors.

District staff is dedicated to providing superior customer service, and the new web page is intended to make applying for water service as straight forward as possible.





Search



Conservation

▼ **Engineering / CIP**

Capital Improvement Program

CIP Projects

Improvement Standards and Technical Specifications

Water Meter Retrofit Projects

► **Development Services**

Field Operations

Finance

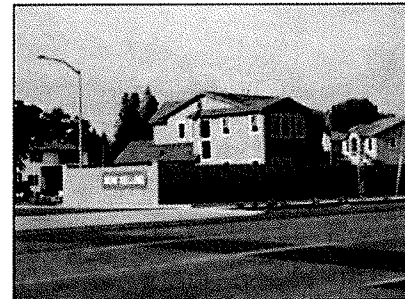
Human Resources

Departments > Engineering / CIP > Development Services

# Development Services

[Feedback](#) [Print](#) [Font Size](#) [Share & Bookmark](#)

The Engineering Department works with developers, builders, residential customers, and property owners who wish to obtain or expand District water services for their subdivisions, commercial properties, homes, vacant lots and other uses. All developer construction is performed by the developer and/or contractor. The District will collect all development related fees from the developer, including meter cost(s). The developer or their contractor shall install the meter(s).



Winding Way

Any new water facilities within the District service area shall adhere to the [Regulations Governing Water Service](#) and the [Improvement Standards and Technical Specifications](#).

Assistance with your project is available from the District at (916) 972-7172 Monday—Friday, 8:00 a.m.—4:30 p.m. or [feedback@sswd.org](mailto:feedback@sswd.org). To initiate a project please submit plans to the District's Engineering Department.



Walt Avenue

For information regarding a metered fire hydrant permit [click here](#).

### Applications

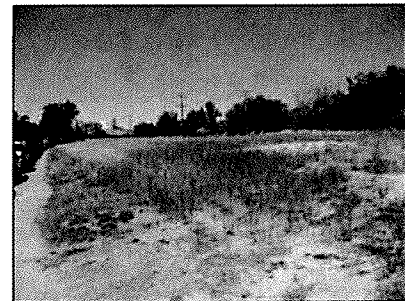
- [Application for Water Service](#) [pdf]
- [Application for Water Main Extension](#) [pdf]
- [Application for Hydrant Flow Test](#) [pdf]

### Contractor Required Documents

- [Encroachment/Maintenance Bond](#) [pdf]
- [Guarantee Letter](#) (MS Word)
- [Sample List of Materials](#) [pdf]

### Supplementary Documents

- [Fees and Charges](#) [pdf]
- [Plan Review Check List](#) [pdf]
- [Grant of Easement](#) [pdf]
- [Water Meter Rates](#) [pdf]



Gramery Drive

### Meter Data Sheets

- [Meter Data Sheet - 3/4"](#) [pdf]
- [Meter Data Sheet - 1"](#) [pdf]
- [Meter Data Sheet - 1.5"](#) [pdf]
- [Meter Data Sheet - 2"](#) [pdf]

### Standards and/or Specifications

- [SSWD Improvement Standards and Technical Specifications](#)
- [Sacramento County Standards](#)



# Agenda Item: 17

**Date:** May 6, 2016

**Subject:** Biannual Groundwater Elevations Report

**Staff Contact:** James Arenz, Operations Manager

Groundwater levels from active District wells are monitored at least twice annually and groundwater levels from District monitoring wells are monitored monthly as part of a water management program designed to help local purveyors implement water sustainability practices on a regional basis. These levels are provided to the Sacramento Groundwater Authority (SGA) who documents hydrologic conditions in the North Area Basin as well as management activities undertaken to help ensure the long-term sustainability of the region’s groundwater resources.

The District resides in the Central Area of the North Area Basin and its western edge is in the center of an extensive cone of depression caused by concentrated groundwater extraction in the area since the 1950’s (Figure 1).

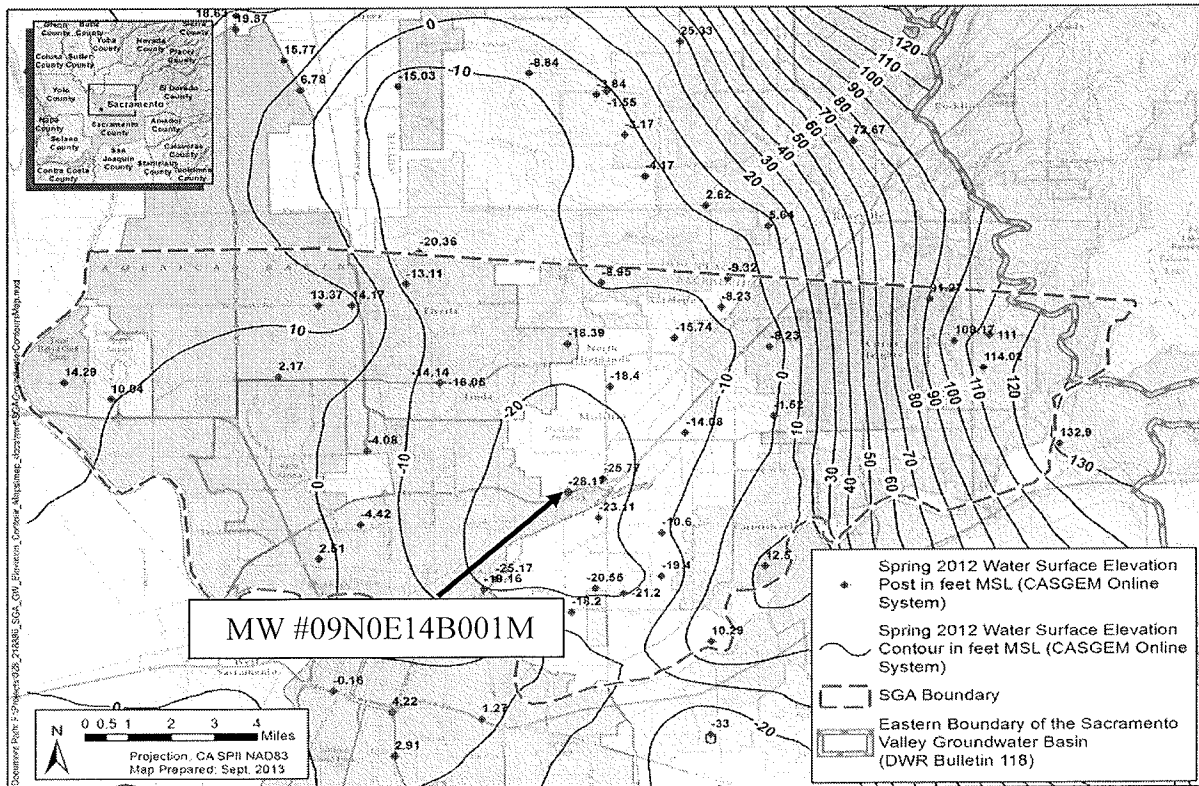


Figure 1. Groundwater Elevations in Spring 2012.

Fortunately, greater utilization of surface water in conjunction with groundwater, known as conjunctive use, is having a positive impact on the basin. Based on data gathered at monitoring wells in the area, groundwater levels have increased by 15 to 20 feet since 1997 (Figure 2). SGA's 2013 Basin Management Report noted that this effect is most noticeable within the Sacramento Suburban Water District service area.

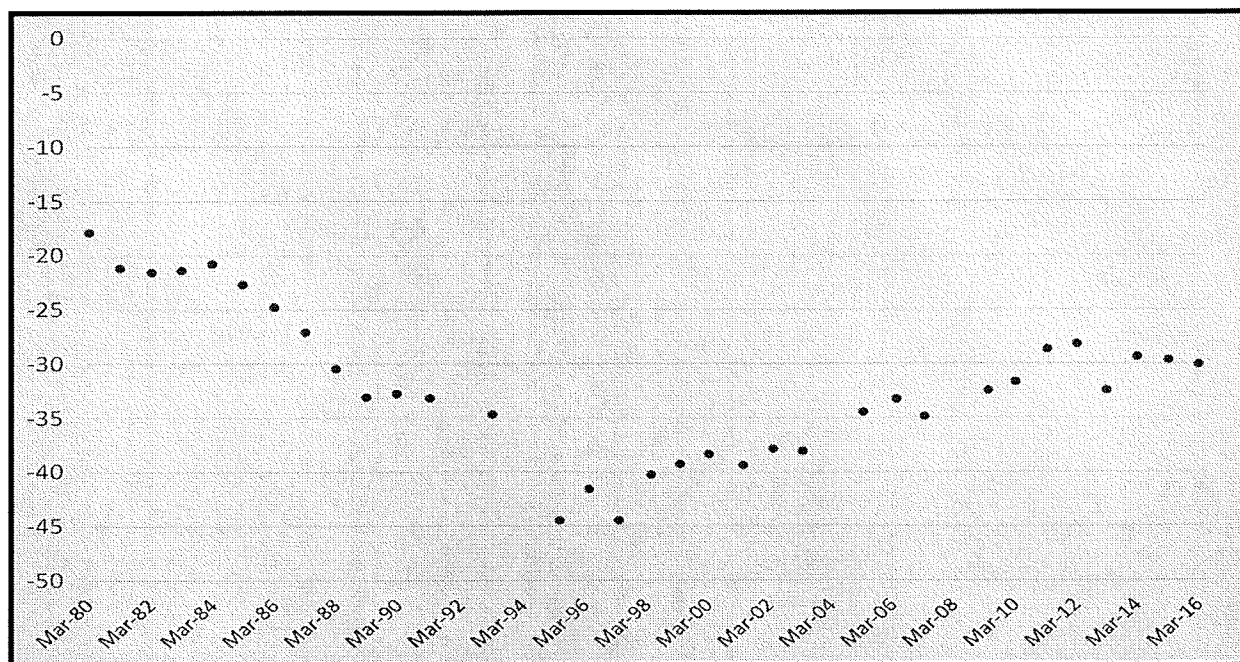


Figure 2. Spring Groundwater Elevations from MW #09N0E14B001 from 1980 to 2016.

Groundwater levels from the District's active wells, both static (standing) and dynamic (pumping) as well as drawdown the difference between the static and dynamic levels, also provide important information about the performance and efficiency of the wells and pumps. These levels assist staff in monitoring the placement of the well pump within the well, help determine well yield and efficiency, and help detect other problems in their early stages, such as plugging of well screens by encrustation or a well pump in need of adjustment or repair.

The following tables and charts (see Exhibit 1) provide a summary of the standing water levels collected at all active well sites throughout the District. The standing water levels are collected in the spring and fall of each year. The standing water level data collected in the fall generally indicate a reduction in the groundwater levels as a result of higher pumping demands throughout the summer months. The standing water level data collected each spring generally indicates a replenishment of the groundwater aquifer levels throughout the winter months. At the bottom of the each table are the Fall Average, Spring Average, and Overall Average for the last eight years from 2008 to 2016.

The lack of available surface water over the past three years has increased reliance on ground water sources resulting in drop of the average standing water level in the North Service Area (NSA). However, with a very positive customer response to water conservation outreach efforts and the

recent utilization of surface water available since February 2016, the average standing water level for spring in the NSA has risen 4 feet when compared to 2014 measurements. While the overall linear trend for the NSA still indicates a general decrease since 2008, a closer examination shows signs of aquifer recovery since October 2013. The overall average standing water level in the South Service Area has remained virtually unchanged since April 2010.

Despite the drought and lack of available surface water over the past several years, ground water levels district wide indicate a general trend toward a replenishing aquifer over the past 13 years as shown on the linear trend line on the SSWD District Wide Average Biannual Static Water Level Graph from October 2003 through April 2016 (see Exhibit 1).

The stability of the aquifer is a direct result of customers doing their part to reduce water use during the drought in conjunction with the District's utilization of available surface water in both service areas through the Conjunctive Use Program during wet years. These combined efforts result in the District banking water in the aquifer in underground storage reserves. These reserves allow the District to utilize its ground water sources in drought years, such as these, without sustaining substantial negative affects on the long term health of the aquifer.



Exhibit 1

Standing Water Levels, April / October, In Feet Below Ground Level

Sacramento Suburban Water District ~ North Service Area

Well Name	Well #	Oct 2008	Apr 2009	Oct 2009	Apr 2010	Oct 2010	Apr 2011	Oct 2011	Apr 2012	Oct 2012	Apr 2013	Oct 2013	Apr 2014	Oct 2014	Apr 2015	Oct 2015	Apr 2016
Melrose / Channing	27	138	124	140	132	132	126	132	115	132	116	131	120	126	121	127	117
Watt / Elkhorn	31A	115	117	126	120	114	115	113	106	120	112	125	116	122	116	121	112
La Cienega / Melrose	34	127	115	130	120	122	115	123	116	130	118	132	122	130	123	127	118
Thomas / Elkhorn	39	NA	NA	NA	NA	NA	NA	NA	122	136	120	NA	130	142	135	138	128
Gilman / SMUD Station	44	140	136	140	NA	136	110	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Weddigen / Gothberg	52	140	140	144	141	138	130	135	130	147	135	148	137	145	137	143	132
Fairbairn / Karl	56A	141	141	150	142	152	151	164	164	127	119	131	132	126	121	127	119
32nd Street / Elkhorn	58	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	116	110	115	106
Bainbridge / Holmes School	59A	NA	150	160	158	156	147	153	147	163	153	165	154	162	155	160	152
Galbrath / Antelope Woods	64	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	142	137	142	131
McClellan Park	MC10	115	109	117	110	112	107	110	106	113	108	116	110	NA	NA	NA	NA
Capehart 1C	MC-C1	129	124	134	124	129	119	128	105	116	108	121	130	120	114	120	112
Capehart 2C	MC-C2	114	107	117	110	114	126	130	125	NA	NA	NA	NA	NA	NA	NA	NA
Capehart 3C	MC-C3	112	115	121	112	116	109	NA	109	119	112	125	120	NA	NA	NA	NA
Evergreen	N1	96	93	97	97	98	92	97	108	98	91	103	95	NA	NA	NA	NA
Engle	N3	132	123	126	123	127	119	122	120	126	114	133	122	132	123	NA	NA
Hillsdale	N5	168	163	167	164	167	137	166	160	177	165	179	167	176	168	172	163
Palm	N6	122	117	123	116	117	110	118	114	123	115	127	118	123	116	121	115
Rosebud	N7	121	113	122	114	115	109	114	111	120	114	124	116	122	115	118	113
Field	N8	133	123	132	124	127	119	125	122	132	125	133	126	131	124	130	122
Cameron	N9	126	118	125	120	123	117	121	122	126	117	131	122	130	121	128	120
Walnut	N10	149	142	148	145	144	137	148	151	150	141	154	151	154	143	NA	141
St. John	N12	139	132	138	132	136	129	131	130	138	128	141	134	143	134	142	134
Orange Grove	N14	112	105	111	106	108	103	106	113	123	113	121	114	120	113	118	115
Cabana	N15	147	141	147	142	143	141	148	146	146	156	178	156	179	161	164	NA
Oakdale	N17	126	118	126	120	123	117	120	117	124	158	169	158	168	159	164	156
Cypress	N20	146	140	134	129	132	126	130	130	142	128	142	135	141	130	140	130
River College	N22	131	123	132	120	128	94	126	118	126	119	130	120	131	123	129	120
Freeway	N23	133	125	129	106	138	99	NA	NA	134	124	136	126	135	128	132	124
Don Julio	N24	180	156	168	165	164	157	162	159	180	162	185	168	183	165	177	157
Sutter	N25	165	175	167	160	157	149	159	143	164	151	162	160	NA	NA	NA	NA
Monument	N26	199	191	210	202	196	187	195	190	211	197	212	199	212	205	209	190
Jamestown	N27	140	134	139	133	138	132	136	134	138	114	140	139	143	140	NA	137
Merrihill	N29	136	132	139	134	144	130	138	132	141	135	146	137	144	135	140	134
Parkoaks	N30	136	133	139	133	135	129	134	131	153	133	140	136	141	135	138	134
Barrett Meadows	N31	152	147	156	152	152	151	152	144	151	147	159	154	158	151	157	151
Poker	N32A	177	170	172	171	170	162	165	160	176	169	NA	169	NA	NA	173	164
Poker	N32B	178	172	175	176	174	161	165	160	176	169	176	167	176	177	173	164
Poker	N32C	218	168	175	168	167	163	164	161	176	169	179	166	NA	NA	NA	168
Walerga	N33	172	162	176	175	164	156	165	159	171	163	175	172	174	167	171	162
Cottage	N34	164	144	164	158	157	137	146	139	159	145	155	146	153	NA	NA	142
North Antelope	N35	171	168	173	173	172	142	146	142	159	148	158	149	157	152	156	145
Verner	N36	NA	NA	NA	NA	161	148	156	152	165	156	NA	185	161	155	159	152
Coyle	N38	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	167	NA	150	NA	147
<b>Average Standing Water Level</b>		<b>143</b>	<b>136</b>	<b>143</b>	<b>138</b>	<b>140</b>	<b>130</b>	<b>139</b>	<b>134</b>	<b>144</b>	<b>135</b>	<b>147</b>	<b>141</b>	<b>146</b>	<b>139</b>	<b>145</b>	<b>137</b>

Fall Average 2008-2015:

143

Spring Average 2009-2016:

136

Overall Average 2008-2016:

140

**Sacramento Suburban Water District ~ South Service Area**

Well Name	Well #	Oct 2008	Apr 2009	Oct 2009	Apr 2010	Oct 2010	Apr 2011	Oct 2011	Apr 2012	Oct 2012	Apr 2013	Oct 2013	Apr 2014	Oct 2014	Apr 2015	Oct 2015	Apr 2015
El Prado / Park Estates	2A	86	111	88	87	87	86	91	80	83	81	83	82	86	81	84	80
Kubel / Armstrong	3A	104	101	102	98	104	96	99	95	95	94	102	95	97	94	73	98
Bell / Marconi	4B	84	96	99	87	87	92	95	99	98	91	97	95	100	94	97	88
Bell / El Camino	5	93	91	99	95	97	91	94	89	91	84	91	89	93	89	92	89
Rubicon / Seely Park	7	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Ravenwood / Eastern	9	NA	NA	NA	NA	NA	NA	NA	NA	100	NA	NA	101	106	NA	108	102
Hernando / Santa Anita Park	12	83	77	83	82	85	77	80	76	81	74	78	74	81	77	76	74
Calderwood / Marconi	13	108	110	105	104	106	98	102	103	100	97	101	95	99	95	95	94
Marconi South / Fulton	14	111	125	101	108	105	102	103	98	99	91	98	95	100	97	99	91
Riding Club / Ladino	18	100	96	98	94	100	88	95	88	94	91	98	91	99	93	98	92
Balmoral / Yorktown	19	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Watt / Arden	20A	104	101	NA	103	109	99	102	100	102	98	107	101	109	101	104	101
West / Becerra	22	NA	NA	NA	NA	132	124	133	107	NA	NA	119	113	118	112	114	111
Marconi North / Fulton	23	133	129	131	129	134	122	120	126	128	120	124	126	118	122	123	NA
Beccerra / Woodcrest	24	116	107	115	107	111	112	110	108	109	101	110	102	110	105	110	104
Thor / Mercury	25	108	102	107	106	114	103	108	102	107	105	114	106	112	109	111	106
Greenwood / Marconi	26	NA	NA	NA	NA	121	NA	NA	NA	NA	NA	125	117	123	119	125	119
Red Robin / Darwin	28	106	NA	NA	105	107	102	104	102	102	98	100	100	101	98	97.5	95.5
Rockbridge / Keith	30	73	68	70	68	71	66	68	62	68	60	63	62	60	64.8	67	63.5
Eden / Root	32A	126	124	123	114	126	117	120	112	NA	114	126	115	127	117	123.5	116
Auburn / Norris	33A	105	96.5	102	86	98	95	100	92	103	96	114	98	106	102.5	102.5	98.9
Ulysses / Mercury	35	134	128	133	130	135	125	130	124	129	128	135	126	108	105.1	107	101
Morse / Cottage Park	37	78	78	82	78	82	73	76	73	76	71	76	74	79	73.4	77.5	72.3
Watt / Auburn	38	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Auburn Yard	40	106	104	112	117	114	104	111	104	116	104	112	105	107	99.5	109.6	112.2
Auburn Yard	40A	152	155.8	167	104	107	99	105	97	104	97	106	99	103	99.5	99.2	99.2
Albatros / Iris	41	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Beccerra / Marconi	42	NA	110	112	108	105	102	110	NA	NA	NA	NA	NA	NA	NA	NA	NA
Edison / Truax	43	91	93	106	103	98	92	96	91	92	92	95	91	92	89	87.3	84.1
Jamestown / Middleberry	45	64	70	71	68	71	64	66	64	64	62	62	64	67	64	64	61
Jonas / Sierra Mills	46	73	69	70	67	71	65	68	65	69	68	70	64	70	66.5	68	65
Copenhagen / Arden	47	123	125	120	111	122	110	112	110	114	114	124	105	117	113.7	118	111
Columbia / Fair Oaks	50	84	79	83	80	85	75	80	77	83	79	86	NA	NA	80.4	81.5	NA
Sudbury / Elsdon	51	NA	52	129	64	133	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Stewart / Lynndale	55A	106	140	144	141	138	130	135	130	147	135	148	137	145	136.5	143	132.3
Whitney / Concetta	60	121	104	98	94	101	88	96	93	97	95	104	94	99	96	97	93
Merrily / Annadale	65	NA	NA	121	120	NA	NA	NA	NA	129	110	132	112	118	115	115	109
Eastern / Woodside Church	66	135	128	131	126	129	121	130	124	130	125	134	121	135	127	135	128
Northrop / Dornajo	68	58	48	51	48	53	46	50	48	49	46	50	54	51	49	48	48
Hilldale / Cooper	69	72	70	70	67	70	64	67	64	68	66	68	62	68	65	67	63
Sierra / Blackmer	70	47	45	49	45	50	44	46	46	45	43	48	44	49	48	50	46
Rodney T. Franz	71	71	62	68	65	77	62	70	71	74	72	76	71	78	73	71	72
River Walk / NETP	72	74	69	71	68	89	67	70	68	94	72	95	73	81	73	78	72
River Walk / NETP East	73	68	71	74	68	90	66	77	68	89	72	92	71	83	73	78	73
River Walk / NETP South	74	77	72	72	68	86	67	84	67	106	71	79	70	80	73	78	72
Enterprise / Northrop	75	58	54	56	52	NA	52	52	50	54	50	54	51	65	48	65	52
Fulton / Fair Oaks	76	52	52	52	50	54	47	50	48	49	46	51	48	52	50	51	48
Larch / Northrop	77	79	78	78	74	80	74	75	70	74	72	72	72	79	74	73	72
<b>Average Standing Water Level</b>		<b>94</b>	<b>92</b>	<b>96</b>	<b>90</b>	<b>98</b>	<b>88</b>	<b>92</b>	<b>85</b>	<b>93</b>	<b>87</b>	<b>96</b>	<b>89</b>	<b>94</b>	<b>89</b>	<b>92</b>	<b>88</b>

Fall Average 2008-2015:

94

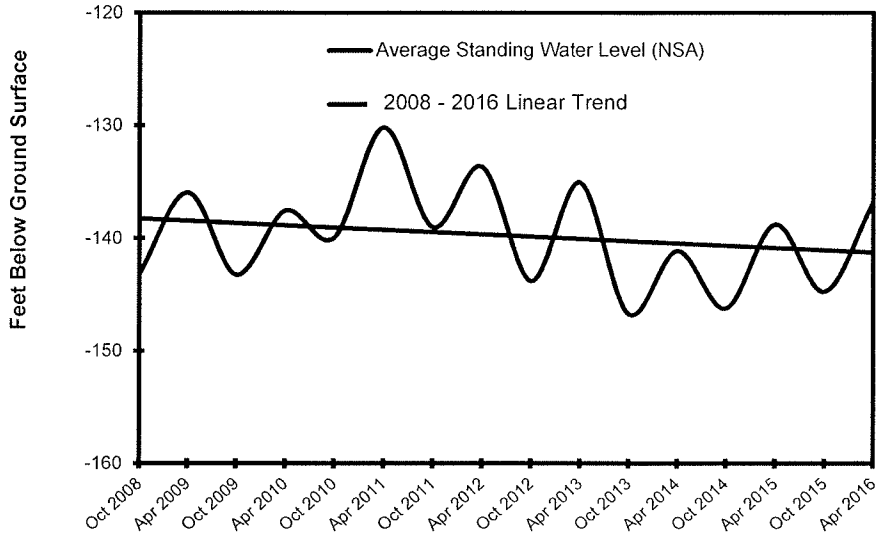
Spring Average 2009-2016:

88

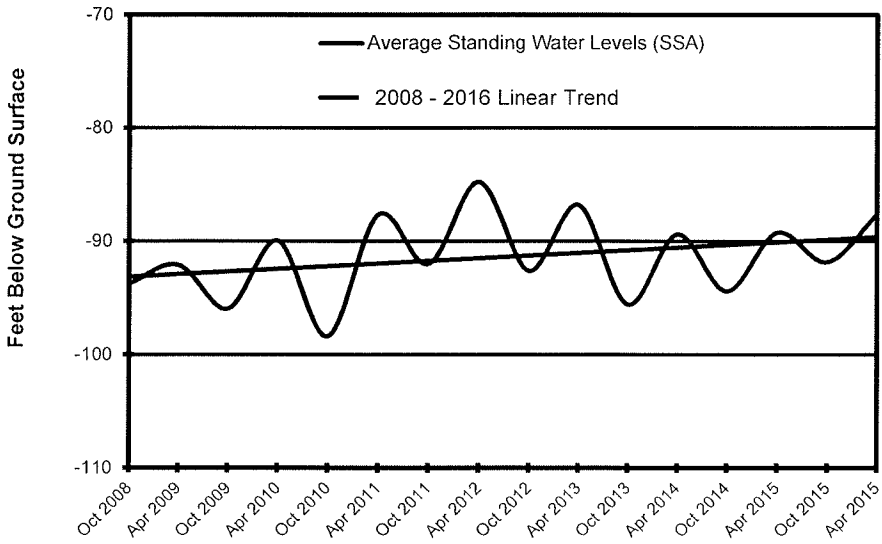
Overall Average 2008-2016:

91

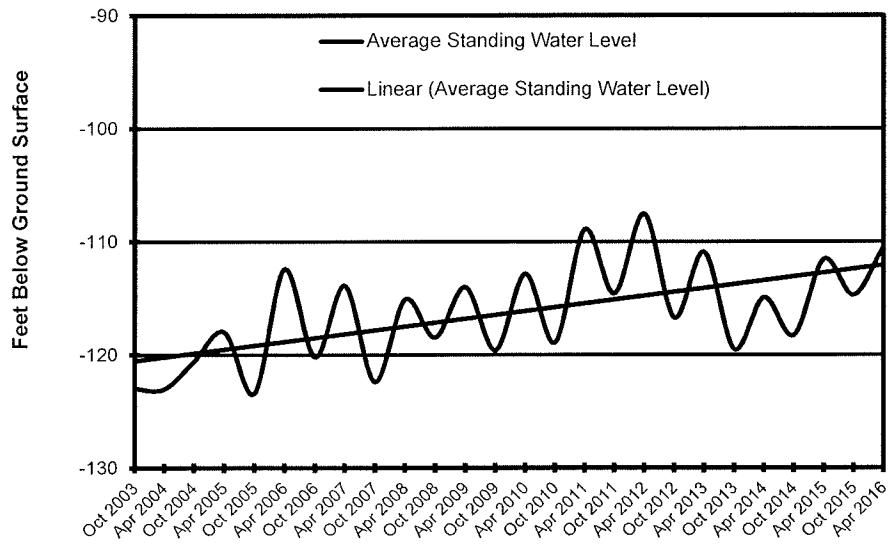
**SSWD North Service Area  
Average Biannual  
Standing Well Water Level**



**SSWD South Service Area  
Average Biannual  
Standing Well Water Level**



**SSWD District Wide  
Average Biannual Standing Well Water Level  
October 2003 - April 2016\***



\*Graph represents data from a separate table (not depicted) that contains the combined data from both the North Service Area and the South Service Area from October 2003 - April 2016.





## Agenda Item: 18

**Date:** May 5, 2016

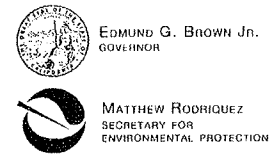
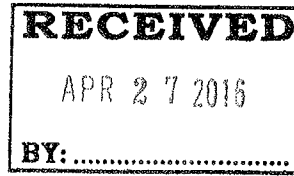
**Subject:** 2015 Nitrate Monitoring Data Inquiry

**Staff Contact:** Dan York, Assistant General Manager

On April 22, 2016 the District received a letter from the State Water Resources Control Board, Division of Drinking Water (DDW) regarding nitrate monitoring records for 2015 for 24 water system supply sources (wells) that were not available for review in DDW's Water Quality Index (WQI) system (see Exhibit 1). The letter requests that the District submit documentation to confirm that each source was either properly monitored for nitrate in 2015, or not monitored for nitrate due to operational issues such as well rehabilitation or because the source has been abandoned and will not be used again in the future.

Field Operations staff members were confident that all sources available to be sampled for nitrate in 2015 were properly monitored and that the nitrate monitoring data missing from the state's WQI system had been properly reported to DDW by BSK Laboratory through the Electronic Data Transfer (EDT) system. Staff promptly compiled all the necessary documentation to submit to DDW for each source identified.

In response, staff provided DDW with a letter documenting the nitrate monitoring status of each well identified for 2015 as well as copies of the documentation requested (see Exhibit 2 copies of the laboratory reports have been excluded for brevity but are available on request). Of the 24 wells identified in the letter, 20 had been properly monitored for nitrate in 2015. Copies of the water quality analyses results and EDT documents from BSK & Associates (BSK) for these wells will be submitted as attachments to the letter. Four of the wells identified were not sampled for nitrate as they had been taken offline prior to 2015 and remained offline for the entire calendar year. Three of the wells were offline for rehabilitation and/or facility upgrades, and the other well was destroyed in 2013.



## State Water Resources Control Board

Division of Drinking Water

April 22, 2016

PWS No. 3410001

Dan York  
 Field Operations Manager  
 Sacramento Suburban Water District  
 3701 Marconi Avenue, Suite 100  
 Sacramento, CA 95821

### SUBJECT: 2015 NITRATE MONITORING DATA

Based on the recorded monitoring data at the California State Water Resources Control Board, Division of Drinking Water (Division) Water Quality Information (WQI) data base, nitrate monitoring records for 2015 calendar year for one or more of your water system's approved drinking water supply sources was not available for review. A list of your water system source(s) without nitrate monitoring data for 2015 in WQI is tabulated below.

Source Name	PS Code	Last Nitrate Monitoring Date
Well 24 – Becerra/Woodcrest – Raw	3410001-018	No Record in 2015
Well N12 - St. Johns – Raw	3410001-085	No Record in 2015
Well 26 – Greenwood / Marconi – Raw	3410001-020	No Record in 2015
Well 14 – Marconi South / Fulton – Raw	3410001-012	No Record in 2015
Well 46 – Jonas / Sierra Mills – Raw	3410001-034	No Record in 2015
Well N29 – Merrihill – Raw	3410001-101	No Record in 2015
Well N30 – Park Oaks – Raw	3410001-102	No Record in 2015
Well 40 – Auburn – Raw	3410001-029	October 1, 2014
Well 03A – Kubel / Armstrong – Raw	3410001-002	September 24, 2014
Well 77 – Larch / Northrop – Raw	3410001-069	August 21, 2014
Well N26 – Monument – Raw	3410001-098	August 20, 2014
Well 43 – Edison / Truax – Raw	3410001-032	July 29, 2014
MC Well 10 – McLellan Park – Raw	3410001-111	July 29, 2014
Well N01 – Evergreen – Raw	3410001-076	July 23, 2014
Well 45 – Jamestown / Middleberry – Raw	3410001-033	July 10, 2014
Well N35 – Antelope North – Raw	3410001-075	July 10, 2014
Well N24 – Don Juan – Raw	3410001-096	July 10, 2014
Well N25 – Sutter – Raw	3410001-097	July 10, 2014
Well N32A – Poker Lane (Center) – Raw	3410001-104	July 10, 2014
Well N32B – Poker Lane (East) – Raw	3410001-105	July 10, 2014
Well N34 – Cottage – Raw	3410001-107	July 10, 2014
Well N07 – Rosebud – Raw	3410001-080	July 9, 2014
Well N36 – Verner Well	3410001-240	July 9, 2014
Well 51 – Sudbury / Eldson – Raw	3410001-039	June 16, 2010

Nitrate monitoring of approved drinking water supply sources is required under Section 64432.1, Article. 4, Chapter 15, Division 4, Title 22 of the California Code of Regulations (CCR). Per Section

FELICIA MARCUS, CHAIR | THOMAS HOWARD, EXECUTIVE DIRECTOR

1001 I Street, Sacramento, CA 95814 | Mailing Address: P.O. Box 100, Sacramento, CA 95812-0100 | [www.waterboards.ca.gov](http://www.waterboards.ca.gov)

64467, Article 19, Chapter 15, Division 4, Title 22 of CCR, analytical results of all compliance monitoring water samples shall be reported to the Division.

If nitrate monitoring for any or all of the above-tabulated sources was completed during 2015 calendar year, please submit a copy of the water quality analyses results to this office by May 10, 2016. Also, please contact this office and arrange for electronic submittal of water quality data by your State-certified water laboratory in the future.

If nitrate monitoring for any or all of the above-tabulated sources was not completed during 2015 calendar year due to operational reasons such as well rehabilitation, or the source was not used during 2015, please document this by sending a confirmation letter to this office by May 10, 2016. Please note that all water quality monitoring must be up-to-date prior to returning any approved drinking water supply source back into service.

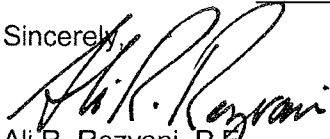
If nitrate monitoring for any or all of the above-tabulated sources was not completed during 2015 calendar year, because the source is abandoned and the water system does not plan to use it in the future, please submit a permit amendment to remove the source from the water system's active sources by May 10, 2016.

If nitrate monitoring for any or all of the above-tabulated sources was not completed during 2015 calendar year and the source was in service, please schedule for one sample to be collected from each source and analyzed before May 31, 2016. Please submit a copy of the water quality analyses results to this office by June 10, 2016. Also, please contact this office to arrange for electronic submittal of water quality data if necessary. Additionally, nitrate water quality monitoring for these sources must be repeated at least once between July 1, 2016, and December 31, 2016. Thereafter nitrate monitoring for all public water sources must be in accordance to Section 64432.1, Article 4, Chapter 15, Division 4, Title 22 of the CCR.

Section 116650 of the California Health and Safety Code (CHSC) authorizes the issuance of a citation to a public water system for violation of the California Safe Drinking Water Act (Health and Safety Code, Division 104, Part 12, Chapter 4, commencing with Section 116270) or any regulation, standard, permit or order issued or adopted thereunder. Furthermore, and in accordance with CHSC, Division 104, Part 12, Chapter 4, Article 1, Section 116271, if the above monitoring and reporting deadlines are not met, the Division will act upon its authority to issue citation(s).

If you have any questions about this letter, please feel free to contact Bruce Berger at (916) 449-5666 or via email at [Bruce.berger@waterboards.ca.gov](mailto:Bruce.berger@waterboards.ca.gov).

Sincerely,



Ali R. Rezvani, P.E.  
Sacramento District Engineer  
Drinking Water Field Operations Branch  
STATE WATER RESOURCES CONTROL BOARD

cc: Richard L. Hinrichs, P.E. – Chief, Northern California Section  
Bruce Berger – Sanitary Engineer

General Manager

Robert S. Roscoe, P. E.

Exhibit 2



Board of Directors

President - Kevin M. Thomas  
Vice President - Robert P. Wichert  
Frederick A. Gayle  
Craig M. Locke  
Neil W. Schild

May 10, 2016

Mr. Ali R. Rezvani, P.E.  
Sacramento District Engineer  
Division of Drinking Water  
Sacramento District Office  
1001 I Street, 13th Floor  
Sacramento, CA 95814

SUBJECT: 2015 NITRATE MONITORING DATA

Dear Mr. Rezvani,

This letter is a follow up to your letter, dated April 22, 2016, regarding nitrate monitoring records for District supply sources that were not available for review for calendar year 2015.

Please find attached a spreadsheet (See Attachment A) listing each of the wells noted on the letter, annotated with either the date a nitrate sample was collected in 2015, or an explanation for why the well was not sampled for nitrate in 2015. Also attached (See Attachment B) are copies of the EDT report forms from BSK Associates for each of the wells noted as being sampled for nitrate in 2015.

Four (4) of the wells identified were not sampled for nitrate as they were taken offline prior to 2015 and remained offline for the entire calendar year. Three of the wells are offline for rehabilitation and/or facility upgrades, and the other well was destroyed in 2013. They are as follows:

Well Name	PS Code	Date Off Line
WELL 3A - KUBEL/ARMSTRONG	3410001-002	12/12/2014
WELL 45 - JAMESTOWN/MIDDLEBERRY	3410001-033	4/30/2014
WELL N1 - EVERGREEN	3410001-076	9/2/2014
WELL 51 - SUDBURY/ELSDON	3410001-039	Destroyed 8/26/2013

Sacramento Suburban Water District strives to maintain reliable service to our customers while promoting public health and safety. That high quality includes placing a high value on environmental compliance and a commitment to following all applicable regulatory

2015 NITRATE MONITORING DATA

May 10, 2016

Page 2 of 2

requirements. The District believes that the information provided addresses the issues addressed in your April 22<sup>nd</sup> letter.

If you have any questions, please do not hesitate to call me at (916) 679-3973.

Sincerely,



Dan York

Assistant General Manager

Attachments:

- A. List of Water System Sources without Nitrate Monitoring Data
- B. EDT Report Forms for Each Well Sampled for Nitrate in 2015

cc: Jim Arenz – Operations Manager  
Doug Cater – Production Superintendent  
David Armand – Environmental Compliance Supervisor



## Agenda Item: 19

**Date:** May 6, 2016

**Subject:** General Manager's Report

**Staff Contact:** Robert S. Roscoe, General Manager

**a. Acquisition of Property on Antelope North Road Status**

Escrow has closed on the District's acquisition of the property on Antelope North Road (located immediately North of the District's Antelope Reservoir Facility) and the property now belongs to the District. The final settlement amount for the property was \$123,320.77. The District expects to receive the Grant Deed directly from Chicago Title Company in the next few weeks. Staff is currently arranging for the property corners to be surveyed and a Record of Survey to be prepared and filed at the County Clerk/Recorder's Office. Note that abandonment of the two existing street right-of-ways has not yet been finalized due to a delay in getting an existing power pole removed by SMUD. However, all utility companies have provided written acknowledgement of their approval to abandon any interest that they have in the subject street rights-of-way. Therefore, the actual abandonment process through the County of Sacramento should be a formality once the power pole is removed.

**b. Update on McClellan Business Park Contract**

As previously reported, McClellan Business Park (MBP) has questioned who is responsible for upsizing/improving the existing water mains at MBP when new development arises. The MBP is challenging whether the District's Regulations Governing Water Service (Regulations) is applicable at MBP, or whether their interpretation of the Agreement is obligating the District to pay for and make any and all improvements within MBP in relations to new development. District staff and MBP staff have met and conceptually agreed that a legal opinion regarding any improvements, other than Exhibit C of the Agreement, needed to be generated to determine whether or not the District is obligated to make such improvements. MBP informed staff that have scheduled meetings with MBP and County of Sacramento legal counsel and are anticipating scheduling a meeting with District staff the week of May 30, 2016.

**c. Long Term Warren Act Contract Update**

The District's contracted consultant, ECORP Consulting, completed the CALSIM II and temperature modeling for the Long-Term Warren Act Contract (LTWAC) on April 28, 2016. Based on the modeling results, a Modeling Assumptions Technical Memo has been provided to Bureau of Reclamation (Reclamation) for their review and input. A draft letter to National Marine Fisheries Service (NMFS) has also been provided to Reclamation for final editing

and submittal to NMFS. The letter submitted to NMFS is requesting an official species list marking the first step in re-engaging NMFS and Environmental Species Act on the LTWAC.

ECORP Consulting is in the process of setting up a meeting with Reclamation to review and discuss comments regarding the modeling results. The meeting is scheduled for May 13, 2016. Upon completion of the meeting regarding the modeling results, staff will provide to the Board an updated schedule at the June 2016 regular Board meeting. During the ACWA Conference in Monterey, staff met with David Murillo, Reclamation's Regional Director, and his staff. Staff informed the Regional Director of the LTWAC process to date and acknowledged the support the District has received from Reclamation staff during the LTWAC process. During the meeting the Regional Director informed the District that if the LTWAC was approved by Reclamation, it would only be a term up to 2030. However, the Regional Director did comment that since the District is only utilizing the LTWAC during wet years, they would be willing to discuss a further extension past 2030, but that federal fisheries agencies concurrence would be essential.

**d. Water System Permit Fees**

A state budget trailer bill enacted in 2015 modified the State Water Resources Control Board's (SWRCB) authority to impose annual operating fees on public water systems to support the state's Drinking Water Program. The trailer bill, SB 83, eliminated the "fee-for-service" model under which fees for large water systems had been imposed since 2001. Consistent with the new general authority provided by SB 83, the SWRCB's draft regulations establish a fee structure based on each water system's total number of connections, with the expressed goal of creating a more stable and consistent source of funding for the program. Due to legislative advocacy, SB 83 preserved some important safeguards for water systems, including a cap on the total amount of fees that can be collected for fiscal year 2016-17 and a cap on the annual drinking water fee increases in subsequent years. It also required the SWRCB to adopt the first revisions to its fee structure through the full Administrative Procedure Act rulemaking process, instead of through emergency regulation as initially proposed. Currently there is a public comment period, which ends June 22, 2016. The SWRCB will be holding a workshop on June 22, 2016 in Sacramento. If the fee structure is approved, the District's annual fee will be approximately \$94,000. This is an annual increase of approximately \$60,000 or roughly a tripling of state fees from the Division of Drinking Water. District staff expects to engage in commenting on the proposed changes.

**e. Sustainable Groundwater Management Act (SGMA) Emergency Regulations**

Final draft regulations were released by the Department of Water Resources on March 10, 2016. These regulations, when finalized by the California Water Commission, will govern the content requirements for Groundwater Management Plans under SGMA. Staff submitted significant comments on the initial draft documents and it appears that DWR staff has addressed many of the District's concerns. The General Manager continues to serve on the ACWA Board Committee overseeing implementation of SGMA in California.



## Agenda Item: 20 a.

**Date:** May 6, 2016

**Subject:** Upcoming Policy Review – Employee Recruitment, Hiring and Promotion Policy (PL – HR 009)

**Staff Contact:** Lynne Yost, Human Resources Coordinator

The Employee Recruitment, Hiring and Promotion Policy (PL – HR 009) was adopted by the Board in June 2007 and most recently revised in April 2014. The policy was presented for the Board’s initial review last month. Director comments were received that resulted in further staff and legal review to insure the policy included high-level guiding principles. Given the broad authority granted to the General Manager under Water Code Section 30580, as referenced at the end of Section 300.00, the policy confirms the General Manager’s responsibility for establishing processes and procedures that align with the policy, the District’s Strategic Plan, and applicable state and federal labor laws. The General Manager is in the process of updating the companion procedure, which will be finalized and approved after this policy has been adopted by the Board.

Staff and legal counsel’s recommended changes include the following:

1. Section 100.00, Purpose of the Policy: Language utilized in a similar policy was added to confirm the General Manager is directed to establish processes and procedures that align with the policy.
2. Section 100.10, Definitions: This section will be moved into the companion procedure.
3. Section 200.00, Policy: This section was revised to delete language that referred to the removed Definitions section and move other language into the companion procedure. The last sentence of the removed third paragraph was revised and retained in the policy as the last sentence in the second paragraph. Other nonsubstantive changes were also made.
4. Section 210.00, Equal Opportunity Employer: The reference to local laws was removed as recommended by legal counsel since there are no local laws other than this policy and the companion procedure. Other nonsubstantive changes were also made.
5. Section 300.00, Authority and Responsibility: This section was updated to confirm the General Manager’s responsibility to establish processes and procedures that align with the policy as authorized under Water Code Section 30580, and includes a reference to the companion procedure currently being updated by the General Manager. Other nonsubstantive changes were also made.

The policy is scheduled for Board consideration and adoption at the June Board meeting. If a Director wishes to have his comments included in hard copy for Board review and consideration, please provide those comments to staff by Monday, June 6, 2016.



Sacramento Suburban Water District

**Employee Recruitment, Hiring and Promotion Policy**

Adopted: June 18, 2007

Revised: ~~June 15, 2009; August 15, 2011; September 16, 2013; April 21, 2014; May XX, 2016~~

**100.00 Purpose of the Policy**

The purpose of this policy is to ~~direct the General Manager to~~ establish a uniform and consistent process for recruiting, hiring and promoting District employees that is fair and equitable to all applicants/employees and will result in hiring/promoting the most qualified candidate who best meets the needs of the District.

**100.10 Definitions**

~~Introductory/Regular/Management Employees: Employees who work on a full-time basis, which is at least 40 hours per week; newly hired employees are classified as Introductory employees and must successfully complete a minimum six-month Introductory period before they are classified as Regular or Management employees.~~

~~Temporary/Seasonal Employees: Employees who work 29 hours or less per week, and 1000 hours or less per CalPERS fiscal year (July 1 – June 30), including retired CalPERS members appointed as “retired annuitants” who work 960 hours or less per CalPERS fiscal year. Temporary employees hired through an employment agency are also subject to a maximum of 1000 hours per CalPERS fiscal year. These employees are not eligible for retirement or other benefits and do not receive any paid time off unless required by law.~~

~~Volunteers: Non-paid, non-employees who volunteer their time to assist the District in accomplishing its mission.~~

~~Directors: Members of the District’s Board of Directors who are elected or appointed in accordance with statutory requirements.~~

~~This policy does not pertain to independent contractors or any other persons or entities performing work for the District under contract.~~

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**200.00 Policy**

Employment with the District is "at will" and all employees serve at the pleasure of the General Manager (California Water Code Section 30580). This means that all employees and the District, by and through the General Manager or his/her designee, have the right to terminate employment at any time, with or without advance notice and with or without cause. ~~At will status applies to all employee classifications defined above.~~

The District is committed to insuring a fair and equitable recruitment and hiring process for all new, vacant and promotional positions that complies with all applicable state and federal laws, ~~will results in selecting the most qualified candidate based on the needs of the District, provides a diverse and dynamic work force, and will avoids any favoritism or discrimination. The process, which shall be utilized for all positions classified as either Introductory/Regular/Management and/or Temporary/Seasonal positions, shall identify and attract qualified candidates, including members of protected groups, and as well as encourage the career growth of current staff. The District prohibits will not hiring individuals with a documented past or present history of violence to insure employee and customer safety.~~

~~The objective of the employment selection process is to select employees solely on the basis of what best meets the needs of the District. Any technique or procedure used in the selection of employees will be designed to measure only the job-related qualifications of applicants. Employment with the District is subject to successfully completing a background check, physical examination, and drug and alcohol testing to be paid by the District. The District prohibits hiring individuals with a past or present history of violence to insure employee and customer safety.~~

The Board of Directors shall approve the hiring of any new staff positions that will increase the total number of regular, full-time District employees. The Board of Directors shall also determine the recruitment process and selection criteria to be used in the event of a vacancy in the position of General Manager.

~~Closely-related employees will be assigned to positions where, in the discretion of the General Manager, no direct or indirect supervisory relationship exists, and where there is no access to confidential information, such as employee personnel records. Any necessary reassignment will be accomplished as soon as possible. Closely-related employees are defined as: spouses, registered domestic partners, children, stepchildren, parents, brothers, sisters, grandparents, step parents, step grandparents, grandchildren and in-laws of an employee or his/her spouse or registered domestic partner.~~

## **210.00 Equal Opportunity Employer**

The District is an equal opportunity employer, and employment decisions are made on the basis of merit, experience and other bona fide occupational qualifications. The District is committed to complying with all applicable laws providing equal

employment opportunities. ~~This District~~ policy prohibits unlawful discrimination based on race, sex, color, national origin, ancestry and all other protected classes under applicable federal, or state or local laws. This policy applies to all persons involved in the operation of the District, including employees, directors, other officers, contractors, consultants and vendors. This policy applies to all areas of employment, including recruitment, hiring, training, promotion, transfer, termination, reduction in force, compensation and other benefits.

### **300.00 Authority and Responsibility**

The General Manager ~~shall be authorized~~ and responsible for establishing recruiting, hiring and promotional processes and procedures that align with this policy and the District's Strategic Plan, and are consistent with applicable state and federal labor laws ~~that will be implemented and administered by the General Manager or his/her designee.~~ The General Manager has established processes and procedures as set forth in the Employee Recruitment, Hiring and Promotion Procedure (PR - HR 009). Prior approval from the General Manager or his/her designee is required to fill vacant staff positions and/or to reorganize a department's existing staffing needs. However, the reorganization cannot result in any additional staff positions that will increase the total number of ~~Introductory/Regular/Management~~ full-time employees beyond that previously approved by the District's Board of Directors.

The General Manager or his/her designee must also approve the hiring or promotion of the recommended candidate and starting pay within the pay/salary band for the position. Nothing in this policy is intended to infringe on the duties of the General Manager as authorized under ~~in~~ California Water Code Section 30580.

### **400.00 Policy Review**

This Policy shall be reviewed at least biennially.



## **Agenda Item: 20 b.**

**Date:** May 5, 2016

**Subject:** Upcoming Policy Review – Director Sexual Harassment Prevention Training Policy (PL – BOD 005)

**Staff Contact:** Heather Hernandez-Fort, Executive Assistant to the General Manager

The Director Sexual Harassment Prevention Training Policy (PL – BOD 005) was originally adopted by the Board in June 2008 and last revised in June 2014.

Staff is recommending changes throughout the policy as shown in the attached redline version to comply with the revised FEHA regulations found in 2 CCR Section 11024 (formerly Section 11023).

The draft policy was submitted to legal counsel for review and no additional edits were recommended.

The policy is scheduled for Board consideration and adoption at the June Board meeting. If a Director wishes to have his comments included in hard copy for Board review and consideration, please provide those comments to staff by Monday, June 6, 2016.

## Sacramento Suburban Water District

**Director Sexual Harassment Prevention Training Policy**

Adopted: June 16, 2008

Revised: June 21, 2010; June 16, 2014; May XX, 2016**100.00 Purpose of the Policy**

Government Code section 12950.1 requires that all supervisors employed by the District receive at least two hours of effective interactive training and education regarding sexual harassment once every two years. Under California law and regulations established by the California Fair Employment and Housing Commission (“FEHC”), Directors are deemed to be supervisors and are required to receive the mandated training. The sexual harassment prevention training and education required by this policy is intended to establish a minimum threshold and a Director may participate in additional training as he or she deems appropriate. (Gov’t Code section 12926(t).)

**200.00 Harassment Prevention Training Requirement**

Within six months after a Director assumes office, he or she must attend at least two hours of classroom or other effective interactive training and education regarding sexual harassment prevention in the workplace. After meeting the initial training requirement, each Director must attend sexual harassment prevention training and education at least once every two years for as long as the Director remains in office. (Gov’t Code section 12950.1(a); 2 C.C.R, section 110243, subds. (b)(1) & (b)(4).)

The education and training must identify behaviors that create or contribute to “sexual harassment” as that term is defined in California and federal law, and help instill values in Directors that will assist them in preventing and effectively responding to incidents of sexual harassment. ~~As provided in subdivisions (c) and (d) of section 11023 of Title 2 of the California Code of Regulations, effective sexual harassment training includes without limitation: (1) the definition of and what conduct constitutes unlawful sexual and other forms of harassment under state and federal law; (2) information and practical guidance regarding applicable federal and state statutes and appellate cases concerning the prohibition against and the prevention and correction of sexual harassment; (3) practical examples aimed at instructing in the prevention of harassment, discrimination, and retaliation in the workplace and strategies for prevention; (4) the employer's obligation to conduct an effective workplace investigation of a harassment complaint; (5) the essential elements of an anti-harassment policy and how to utilize it if a harassment complaint is filed; and (6) the remedies available to victims of sexual harassment in employment.~~ The training shall

include, but is not limited to, all subjects described in 2 C.C.R. section 11024, subd. (c)(2).

A Director is not required to receive the training in two consecutive hours so long as all of the first required training is completed within the six month period and all of each subsequent training is completed within the same calendar year. (2 C.C.R, section 11024~~3~~, subd. (b)(6).)

Training may be received by any of the following methods: (1) attendance in a classroom setting; (2) participation in an internet-based interactive seminar conducted in real time (“webinar”); or (3) by interactive computer-based training (“e-learning”). (2 C.C.R, section 11024~~3~~, subdivision (a)(2).) The required training and education must be presented by trainers or educators with knowledge and expertise in the prevention of harassment, discrimination, and retaliation, in accordance with (Government Code section 12950.1; and subdivision (e) of section 11023 of Title 2 of the California Code of Regulations. (2 C.C.R, section 11024~~3~~, subd. (a)(9).)

A Director who receives supervisor sexual harassment prevention training as a result of his/her service with an employer or another agency is not required to receive separate training because of his or her service with the District. However, such Director must: (1) receive, read and acknowledge receipt in writing of the District’s anti-harassment policy; and (2) submit to the Executive Assistant to the General Manager a duplicate copy of the proof of his/her participation in the mandated training that was obtained on behalf of the Director’s employer or other agency. (2 C.C.R, section 11024~~3~~, subd. (b)(5).)

### **300.00 Reporting**

The Executive Assistant to the General Manager will inform Directors of available harassment prevention training opportunities, including any training opportunities offered at District facilities for staff supervisors subject to the training requirement. ~~Compliance with Government Code section 12950.1’s sexual harassment prevention training requirements must be documented.~~ Each Director must obtain proof of his or her participation after he or she completed the mandated periodic training and submit proof of completion of such training to the Executive Assistant to the General Manager within thirty days of completing any training component. Each Director’s personnel file shall include records of the dates of participation in sexual harassment prevention training and the person or entity providing the training. (2 C.C.R, section 11024, subd. (b)(2).) All sexual harassment prevention policies and attendance records are public records subject to disclosure under the California Public Records Act. (2 C.C.R, section 11023, subd. (b)(2).)

### **400.00 Penalties for Policy Violation**

It is the responsibility of each Director to ensure his or her compliance with this policy, including choosing the sexual harassment prevention training courses and securing and submitting the training completion documentation to the Executive

Assistant to the General Manager as required in Article 300.00. While failure to comply with this policy does not impose strict liability on the District or a non-complying Director in any legal action involving a sexual harassment claim, such non-compliance can be used as evidence against the District and any non-complying Director in the prosecution of such claims. (Gov't Code section 12950.1(d).)

A violation of this policy may be addressed by the use of such remedies as are available by law to the District, including but not limited to: (a) adoption of a resolution expressing disapproval of the conduct of a Director who has violated this policy, (b) injunctive relief, or (c) referral of the violation to the FEHC, which has the legal authority to issue an order compelling any Director violating this policy to comply with the sexual harassment prevention training requirements within sixty days of the issuance of such an order. (Gov't Code section 12950.1(e); 2 C.C.R., section 110243, subd. (d).)

#### **500.00 Policy Review**

This Policy shall be reviewed at least biennially.



## **Agenda Item: 20 c.**

**Date:** April 28, 2016

**Subject:** Upcoming Policy Review – Discrimination and Harassment Prevention Policy (PL – HR 012)

**Staff Contact:** Lynne Yost, Human Resources Coordinator

The Discrimination and Harassment Prevention Policy (PL – HR 012) was originally adopted by the Board in July 2003 and last revised in June 2014.

Staff is recommending changes throughout the policy as shown in the attached redline version to comply with revised FEHA regulations that went into effect on April 1, 2016. Staff also confirmed the ACWA/JPIA model policy was last updated in 2013, which was prior to the Board's last review in May/June 2014. The draft policy was submitted to legal counsel for review and additional minor edits were recommended that are included in the attached redline version.

The policy is scheduled for Board consideration and adoption at the June Board meeting. If a Director wishes to have his comments included in hard copy for Board review and consideration, please provide those comments to staff by Monday, June 6, 2016.

Staff and legal counsel have also reviewed the Discrimination and Harassment Prevention Procedure (PR – HR 012) and recommended changes will be submitted for General Manager approval after the updated policy has been adopted by the Board.



Sacramento Suburban Water District

## **Discrimination and Harassment Prevention Policy**

Adopted: July 21, 2003

Revised: ~~November 20, 2006; September 17, 2007; August 16, 2010; July 16, 2012; June 16, 2014; May XX, 2016~~

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### **100.00 Purpose of the Policy**

The purpose of this policy is to confirm the District's commitment to provide a work environment free of unlawful discrimination and harassment.

### **200.00 Policy**

The District strictly prohibits unlawful discrimination and harassment on the basis of an employee's race, religion, color, national origin, ancestry, gender (including gender identity and gender expression), sex, age, marital status, actual or perceived sexual orientation (including gay, lesbian, bisexual or transgender), physical or mental disability or condition, genetic information, military or veteran status, or any other basis protected by federal or state law. Discrimination and harassment in the workplace or in the course and scope of employment by any person in any form that is in violation of this policy is prohibited.

Prohibited unlawful discrimination and harassment includes, but is not limited to, the following:

- Verbal harassment such as epithets, jokes, derogatory comments or slurs based on the person's race, religion, color, national origin, ancestry, gender (including gender identity and gender expression), sex, age, marital status, actual or perceived sexual orientation (including gay, lesbian, bisexual or transgender), physical or mental disability or condition, military or veteran status, or genetic information;
- Physical harassment such as assault, impeding or blocking movement, or any physical interference with normal work or movement when directed at an individual based on one of the categories above; and
- Visual harassment such as derogatory posters, cartoons or drawings based on one of the categories above. Also included are e-mails that may be inappropriate, offensive, harassing and/or that create a hostile work environment.
- Sexual harassment (see below).

This policy applies to all persons involved in functions of the District including directors, supervisors, managers, employees, contractors, consultants, and vendors and other third parties. This policy applies to all areas of employment including recruitment, hiring, training, promotion, transfer, disciplinary action including termination, reduction in force, compensation and other benefits.

**Sexual harassment** by any person in or from the work environment is strictly prohibited. Sexual harassment includes, but is not limited to, unwelcome sexual advances, requests for sexual favors, or other verbal, visual or physical conduct of a sexual nature, regardless of whether the conduct is motivated by sexual desire, when:

- Submission to such conduct is made either expressly or by implication a term or condition of an individual's employment;
- Submission to or rejection of such conduct by an individual is used as the basis for employment decisions affecting the individual; or
- Such conduct has the purpose or effect of interfering with an individual's work performance; creating an intimidating, hostile, threatening or offensive working environment; or adversely affecting the employee's performance, evaluation, assigned duties, or any other condition of employment or career development.

Sexual harassment also includes any act of retaliation against an employee for reports of violation of this policy or for participating in the investigation of a sexual harassment complaint. Other examples of sexual harassment include unwelcome sexual flirtations or propositions; verbal abuse of a sexual nature; graphic verbal comments about an individual's body; sexually degrading words used to describe an individual; e-mails that may be inappropriate, offensive, harassing, and/or create a hostile work environment; and the display in the work environment of sexually suggestive objects or pictures, posters, jokes, cartoons, or calendar illustrations. The District will comply with laws requiring sexual harassment prevention training for all supervisors and other key personnel.

The District encourages all employees to report immediately any incidents of discrimination and/or harassment forbidden by this policy so that complaints can be resolved quickly and fairly. The District will promptly and thoroughly investigate any complaint of discrimination and/or harassment of any type and will take whatever corrective and remedial action is deemed necessary, including disciplining or discharging any individual who is believed to have violated this policy. All complaints and investigations will be designated as confidential to the extent possible and permitted by law.

If the employee chooses, s/he may file a complaint with the State of California Department of Fair Employment and Housing and/or with the United States Equal Employment Opportunity Commission. These agencies are charged with the responsibility of accepting and reviewing all complaints.

The District will not retaliate against an employee for reporting an allegation of discrimination and/or harassment and it will not tolerate or permit retaliation by other employees against the reporting employee or any employees interviewed during the investigative phase. Any employee who believes s/he has been retaliated against because of a claim of discrimination and/or harassment, or being involved in the investigative phase of a discrimination and/or harassment complaint, may file a claim of retaliation with the District, the State of California Department of Fair Employment and Housing, and/or the United States Equal Employment Opportunity Commission.

### **300.00 Authority and Responsibility**

The General Manager and each supervisor/manager will be responsible for maintaining a workplace free of discrimination and harassment. This responsibility includes discussing this policy with all employees and assuring them they are not required to endure insulting, degrading or exploitative treatment or any other form of discrimination or harassment. The District will distribute a copy of this policy to all new employees and will periodically remind all employees of their rights and duties regarding discrimination and harassment, at minimum on an annual basis. Management and supervisory employees must also comply with the legal requirement to receive supervisor sexual harassment training every two years. The District will post the federal/state anti-discrimination and harassment poster on the employee bulletin board.

The General Manager is responsible for insuring that all reports and complaints of discrimination and/or harassment are investigated promptly, and thoroughly and fairly, regardless of the manner in which they are made or the individuals involved, and confidentiality shall be maintained to the extent possible. The person who receives the complaint, if other than the General Manager, shall refer the complaint to the General Manager. The General Manager will review every case, including all investigation findings and recommendations. The General Manager has established a timely and thorough process for investigating all reports or complaints of unlawful discrimination and/or harassment as set forth in the Discrimination and Harassment Prevention Procedure (PR – HR 008). If a complaint is substantiated, appropriate corrective and remedial action will be taken, up to and including termination of employment. ~~discrimination and/or harassment are grounds for discipline up to and including dismissal.~~

If the person alleged to have engaged in discrimination and/or harassment is the General Manager, then the person who received the complaint shall refer it to the ~~District Board~~ President of the District's Board of Directors and the President, in consultation with District counsel, shall be responsible for investigating the complaint. As with all other complaints and investigations, it will be designated as confidential to the extent possible.

If the person alleged to have engaged in discrimination and/or harassment is a member of the Board of Directors, the General Manager shall consult with District counsel prior to and during the investigative process.

**400.00 Policy Review**

This Policy shall be reviewed at least biennially.

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## Agenda Item: 21

**Date:** May 9, 2016

**Subject:** Legislative and Regulatory Update

**Staff Contact:** Dan York, Assistant General Manager

### RWA Government Affairs Committee

The RWA Lobbyist Subscription Program Committee members are monitoring the Legislative Hot List, as well as other relevant legislation, to determine what priority to give them and what position should be taken. The Hot List includes bills to be determined to be of High or Medium priority using the decision matrix included in the Legislative Platform and/or input from the Lobbyist Subscription Program Committee. Currently there are 88 bills of interest on the list. The bills are comprised of 27 Hot Bills, 37 Low Priority Bills, and 24 Spot Bills, attached to this report as Exhibits 1-3.

### State

In 2015, the Legislature passed Senate Bill 272 as part of the Public Records Act. SB272 requires all local government agencies to create a catalog of enterprise systems that are used by the agency. The agency must complete and post this catalog in a prominent location on the agency’s internet website, if the agency has a website, by July 1, 2016 and also make available to the public upon request. The District has completed the catalog of enterprise systems that are utilized and required information will be posted on the website by Prior to the deadline of July 1, 2016.

### State Bills of Interest (2015 two year bills)

Key Bills	Topic	Recommended Position
a. AB 452 (Bigelow)	GW Regulation	Watch
b. AB 453 (Bigelow)	GW Management	Support
c. AB 585 (Melendez)	Outdoor Water Efficiency: tax credit	Watch
d. AB 603 (Salas)	Income Taxes: tax credit	Watch

e.	<b>AB 647 (Eggman)</b>	Storing of Water Underground	Oppose unless Amended
f.	<b>AB 935 (Salas)</b>	Water Projects	Watch
g.	<b>AB 937 (Salas)</b>	GW Planning	Watch
h.	<b>AB 1139 (Campos)</b>	Turf Removal: tax credit	Watch
i.	<b>AB1201 (Salas)</b>	Predation by nonnative species	Watch
j.	<b>AB 1242 (Gray)</b>	Water Quality and Storage	Support
k.	<b>AB 1362 (Gordon)</b>	Mosquito Abatement: apt of members	Support
l.	<b>AB 1376 (Perea)</b>	Drought related drinking water projects	Watch
m.	<b>SB 7 (Wolk)</b>	Water Meters: multi-unit structures	Watch
n.	<b>SB 20 (Pavley)</b>	CA Water Resiliency Inv. Act	Watch

## **Federal**

For a quarter of a century, the federal rule dictating how communities test for and control lead in drinking water has satisfied virtually no one. Over the past six years, the Environmental Protection Agency has been trying to rewrite its complex, controversial regulations. And for the past six months, as the water-contamination crisis in Flint, Michigan became a national topic regarding water quality issues, the pressure has built to change the Lead and Copper Rule. There is widespread agreement that major changes are well overdue for the Lead and Copper Rule, which governs about 68,000 public water systems and affects the health of millions of Americans.

### **Federal Bills of Interest (113th Congress)**

- a. **HR 5781 California Emergency Drought Relief Act of 2014** - This bill was recently introduced in the House of Representatives following failure of a Senate compromise bill, pushed by Senator Feinstein, to gain sufficient support. Several Republican Congressmen Valadao, Nunes, McCarthy, McClintock, Calvert, and La Malfa were joined by central valley Democrat Costa in sponsoring the bill. HR 5781 passed the House but is not expected to pass the Senate this term. Adding bill language to a must-pass omnibus spending bill is being considered.
- b. **HR 1837 - San Joaquin Valley Water Reliability Act (Nunes)** -To address certain water-related concerns on the San Joaquin River, and for other purposes.

- c. **HR 4345 - Domestic Fuels Protection Act of 2012 (Shimkus)** - A bill to provide liability protection for claims on the design, manufacture, sale, offer for sale, introduction into commerce, or use of certain fuels and fuel additives, and for other purposes.
- d. **HR 6484 - SAFE Levee Act (Garamendi)** - To amend the Calfed Bay-Delta Authorization Act to authorize the secretary of the Interior to provide assistance to non-Federal interests for levee stability improvements located within the Sacramento- San Joaquin Delta related to Bureau of Reclamation Central Valley Project water deliveries, and for other purposes.
- e. **S 1140 – Federal Water Quality Protection Act (Barrasso)** - This bill requires the Department of the Army and the Environmental Protection Agency, in the interest of protecting traditional navigable waters from water pollution, to adhere to certain principles and take specified actions in proposing any regulation revising the definitions of "waters of the United States" and "navigable waters."

# Regional Water Authority – Legislative Hot List – 2016 (April 20 Version)

RWA's Legislative Hot List provides the summary and status of significant legislation followed by RWA's Advocacy Program. The Hot List includes bills determined to be of High or Medium priority using the decision matrix included in the Legislative Platform and/or input from the Lobbyist Subscription Program Committee. For more information on a specific bill, please contact Soyla Fernandez, Hector Fernandez or Dave Brent.

RWA – Hot Bill Legislation (New Bills)	Position	Status
<p><b><u>AB 1585 (Alejo D) Monterey County Water Resources Agency: Lake Nacimiento and Lake San Antonio</u></b></p> <p><b>RWA Interest:</b> For consideration, does RWA want to take positions on earmark funding issues?</p> <p>This bill would allocate \$25 million from an unspecified source to the MCWR Agency for the purpose of constructing a water conveyance tunnel between Lake Nacimiento and Lake San Antonio to reduce flooding, maximize runoff capture and reduce saltwater intrusion.</p>	Watch	<p>Introduced: 1/6/16</p> <p><b>Passed Com. on W, P, &amp; W</b></p> <p><b>Amended on 4/4 and referred to Approp. Com on 4/13</b></p>
<p><b><u>AB 1587 (Mathis R) Groundwater: subsidence abatement.</u></b></p> <p><b>RWA Interest:</b> Two things, first is the “earmark” issue and second is the proposal to streamline groundwater recharge during droughts and floods. (As of 4/14, the bill has been amended to remove the streamlining provision)</p> <p>This bill contains two provisions of interest. The first issue is a provision that would appropriate \$50M of the \$100M authorized in Prop 1 for groundwater resource planning for those projects that would create groundwater recharge basins in areas of fallow farmland.</p> <p><b>ACWA Not Favor</b> because the \$50M appropriation is an amendment to Prop. 1.</p>	Watch	<p>Introduced: 1/6/16</p> <p><b>Amended on 3/15 and again on 4/14</b></p> <p><b>Passed Com. on W, P, &amp; W</b> <b>Referred to Approp. Com on 4/13</b></p>
<p><b><u>AB 1588 (Mathis R) Water and Wastewater Loan and Grant Program.</u></b></p> <p><b>RWA Interest:</b> This bill offers an alternative source of funding (i.e., the General Fund) for low income assistance programs. Consistent with our “Public Goods Policy”.</p> <p>This bill would require the State Board to establish a program to provide low-interest loans and grants to eligible, low income homeowners for specified purposes related to drinking water and wastewater treatment. Creates the “Water and Wastewater Loan and Grant Fund” and provides \$20M from the General Fund, upon appropriation by the Legislature, to the State Board for the program.</p>	Watch	<p>Introduced: 1/6/16</p> <p><b>Amended 3/16 – added co-authors Cannella and Vidak</b></p> <p><b>Passed Com. on W, P, &amp; W</b> <b>Referred to Approp. Com</b> <b>Suspense File on 4/4</b></p>



RWA – Hot Bill Legislation (New Bills)	Position	Status
<p><b><i>AB 1649 (Salas D) Water Quality, Supply, and Infrastructure Improvement Act of 2014: water storage projects.</i></b></p> <p><b>RWA Interest:</b> The bill attempts to confirm the commitment of the Legislature to ensure Prop 1 funding and construction of qualified, surface water storage projects. Importantly, it also greases the skids for Temperance Flat Dam and Sites Reservoir which could probably be considered earmarks and a change to Prop 1’s intent of having qualified projects compete for funding.</p> <p>While these reservoirs are consistent with RWA priorities and principals related to “Statewide Balanced Management Solutions Beneficial to the Greater Sacramento Region”, they may be counter to our stance on “earmarks”.</p> <p><b>ACWA Opposed</b> – due to earmark of specific projects counter to Prop 1 principles</p>	Watch	<p>Introduced: 1/12/16</p> <p>This bill and AB 2551 (Gallagher) may be combined. Soyla to follow up and report back.</p> <p><b>Amended 3/17 – technical changes</b></p> <p><b>Passed W, P, &amp; W – Referred to Approp. Com on 4/13</b></p>
<p><b><i>AB 1716 (McCarty D) Lower American River Conservancy</i></b></p> <p><b>RWA Interest:</b> The LAR Conservancy would include local representation plus State officials including, Secretary of the Natural Resources Agency, and the directors of Finance, Fish and Wildlife, and Parks and Recreation. Also would include appointees from the Governor, Senate Rules Committee, and the Assembly Speaker.</p> <p>This bill would establish in the Natural Resources Agency the Lower American River Conservancy to receive and expend proceeds from bonds or other appropriations for the benefit of the American River Parkway. The bill would create the LAR Conservancy Fund in the State Treasury, and would specify that moneys in the fund shall be available, upon appropriation, for the purposes of the conservancy.</p>	Support if Amended	<p>Introduced: 1/27/16</p> <p>Referred to Com on NR on 2/18/16</p> <p><b>Met w/ McCarty's office. Expecting to see amendments favorable to a Support position</b></p> <p><b>Calendar: 4/18/16 – Com. on NR</b></p>

RWA – Hot Bill Legislation (New Bills)	Position	Status
<p><b>AB 1749 (Mathis R) California Environmental Quality Act: exemption: recycled water pipelines.</b></p> <p><b>RWA Interest:</b> As noted by ACWA, the original bill was part of the Trailer Bill process (SB 88) that included the water system consolidation issue. RWA was opposed to both the TB process and the consolidation component of SB 88. The bill itself is helpful.</p> <p>This bill extends the sunset of a CEQA exemption for construction of recycled water pipelines and related infrastructure, including related groundwater replenishment projects, from January 2017 to January 2019.</p> <p><b>While extension of CEQA exemption seems like something RWA could easily support, do we want to take a stand on the Trailer Bill process?</b></p>	Support?	<p>Introduced: 2/2/16</p> <p>Referred to Com on NR on 2/18/16</p> <p><b>Amended 3/28 – changes date of extension</b></p> <p><b>Calendar: 4/18 – Com. on NR</b></p>
<p><b>AB 1755 (Dodd D) The Open and Transparent Water Data Act.</b></p> <p><b>RWA Interest:</b> As the title implies, this bill is attempting to upgrade the State’s collection, management, and transparency of water data, including pending and previous water transfer information. Recommend that RWA work through ACWA on this and AB 2304 (Levine).</p> <p>This bill would enact the Open and Transparent Water Data Act. The act would require the DWR to establish a public benefit corporation that would create and manage (1) a statewide water information accounting system to improve the ability of the state to meet the growing demand for water supply reliability and healthy ecosystems, that, among things, would integrate existing water data information from multiple databases and (2) an online water transfer information clearinghouse for water transfer information that would include, among other things, a database of historic water transfers and transfers pending responsible agency approval and a public forum to exchange information on water market issues.</p> <p><b>ACWA Support if Amended</b> – working with author to align bill with ACWA’s BoD recommendations</p>	WATCH	<p>Introduced: 2/2/16</p> <p>Amended by Author on 3/1/16</p> <p>Met w/ Dodd's chief of staff on 3/23. It appears bill will a preferred alternative to AB 2304</p> <p><b>Further amended on 4/5 to define limited role of public benefit corporation</b></p> <p><b>Calendar: 4/19 Com. on W, P, &amp; W</b></p>

RWA – Hot Bill Legislation (New Bills)	Position	Status
<p><b><i>AB 1925 (Chang R) Desalination: statewide goal.</i></b></p> <p><b>RWA Interest:</b> One of several desalination related bills. This one would establish annual production goals for 2025 and 2030. This would be consistent with RWA Priorities and Policy Principles if increased use of desalination by exporters reduce dependency on Delta supplies, as it should,</p> <p>If desalination in the State does become more of a priority, RWA will need to keep an eye on funding sources and assure that the beneficiary pays principles are upheld.</p> <p><b>ACWA Favor if Amended</b></p>	Watch	<p>Introduced: 2/12/16</p> <p>Referred to Com. on W, P, &amp; W on 2/25/16</p> <p><b>Amended 3/16/16</b></p> <p><b>First hearing cancelled at request of author</b></p> <p><b>Calendar: 4/18 Assembly Second Reading File</b></p>
<p><b><i>AB 1989 (Jones R) Water, energy and reduction of greenhouse gas emissions</i></b></p> <p>As gutted and amended on March 14, this bill would require the State Water Board, in coordination with the California Energy Commission (CEC), the Public Utilities Commission (PUC), and DWR, to develop and implement a grant and low-interest loan program for water projects that result in the net reduction of water-related GHG emissions.</p> <p><b>ACWA Favor if Amended – change lead agency to DWR</b></p>	Watch	<p>Introduced: 2/16/16</p> <p>Referred to Com. on W, P, &amp; W on 2/25/16</p> <p><b>Gut and Amended on 3/14/16.</b></p> <p><b>Further amended 3/30/16 – removed the \$200 million annual and continuous GGF appropriation</b></p>
<p><b><i>AB 2040 (Melendez R) Outdoor Water Efficiency Act of 2016: personal income tax credits: outdoor water efficiency.</i></b></p> <p><b>RWA Interest:</b> A tax credit for water efficiency improvements that would be consistent with RWA Priority Issues and Policy Principles. However, the bill would require local agency involvement.</p> <p>This bill, for taxable years beginning on or after January 1, 2016, and before January 1, 2021, would allow a credit equal to 25% of the amount paid or incurred by a qualified taxpayer for water-efficiency improvements, as defined, on qualified real property in this state, as specified.</p>	Watch	<p>Introduced: 2/17/16</p> <p><b>Amended on 4/6 and re-referred to Com. on Rev and Tax – changed dates as noted</b></p>

RWA – Hot Bill Legislation (New Bills)	Position	Status
<p><b><i>AB 2099 (Stone, Mark D) Safe drinking water assistance program.</i></b></p> <p><b>RWA Interest:</b> In its current form, this bill hits the mark by providing assistance to low income households without depending on a PGC on water ratepayers. The bill specifically requires the State Department of Social Services to establish a safe drinking water assistance program and fund it with existing resources. We need to keep an eye on it for amendments that would utilize a PGC. AB 2099 provides temporary relief to struggling families who live in homes with inadequate drinking water supplies by offsetting the cost of purchasing water during the interim wait for long-term water supply infrastructure upgrades. The measure allows impoverished families who live in a community or home with insufficient, contaminated, or otherwise unsafe drinking water supplies to access a small supplemental cash benefit for purchasing water.</p> <p><b>ACWA Watch</b></p>	Watch	<p>Introduced: 2/17/16</p> <p>Referred to Coms. on HUM. S. and E.S. &amp; T.M. on 2/29/16</p> <p><b>Amended 3/28 and again on 4/14</b></p>
<p><b><i>AB 2304 (Levine D) California Water Market Exchange.</i></b></p> <p><b>RWA Interest:</b> This bill attempts to do a lot in managing water transfers. Key concerns for RWA include 1) the establishment of the Ca. Water Market Exchange, a 5-member board, four appointed by the Governor; 2) would this be funded by a PGC? and 3) provisions that might limit an “open market” for transfers. Recommend that RWA work through ACWA on this and AB 1755 (Dodd).</p> <p>Would establish the California Water Market Exchange, governed by a 5-member board, in the Natural Resources Agency. This bill would require the market exchange, on or before December 31, 2017, to create a centralized water market platform on its Internet Web site that provides ready access to information about water available for transfer or exchange.</p> <p><b>ACWA Support if Amended</b></p>	Watch	<p>Introduced: 2/18/16</p> <p><b>Passed Com. on W, P, &amp; W and referred to Approp. Com. on 4/12</b></p>

RWA – Hot Bill Legislation (New Bills)	Position	Status
<p><b><u>AB 2480 (Bloom D) Source watersheds: maintenance and repair.</u></b></p> <p><b>RWA Interest:</b> The stipulation that source watersheds would be eligible for financing on an equivalent basis with other water infrastructure may mean this “spot bill” will become another vehicle for a PGC. RWA should keep an active eye on this bill.</p> <p>Would declare it to be state policy that source watersheds are recognized and defined as integral components of California's water system. The bill would also declare that their maintenance and repair are eligible for financing on an equivalent basis with other water collection and treatment infrastructure.</p> <p><b>ACWA Not Favor Unless Amended</b></p>	Watch	<p>Introduced: 2/19/16</p> <p><b>Amended: 3/17 – no longer a spot bill</b></p> <p><b>Passed Com. on W, P, &amp; W and referred to Approp. Com on 4/12</b></p> <p><b>Potential PGC candidate</b></p>
<p><b><u>AB 2525 (Holden D) Water-efficient landscaping.</u></b></p> <p><b>RWA Interest:</b> This bill would encourage local agencies to incentivize water efficient landscapes. It also creates the Water Efficient Landscaping Fund that provides funding for turf replacement and other water efficiency measures for low-income and disadvantaged communities. The presumption is the Fund would be part of a PGC.</p> <p>Would require the DWR to create the California Water Efficient Landscaping Program for the purpose of encouraging local agencies and water purveyors to use economic incentives that promote the efficient use of water, promote the benefits of consistent landscape ordinances, and support and enhance turf replacement. This bill would create the Water Efficient Landscaping Fund and provide that moneys in the fund are available, upon appropriation by the Legislature, to the department for certain purposes.</p> <p><b>ACWA Watch</b></p>	Watch	<p>Introduced: 2/19/16</p> <p><b>Amended on 4/5</b></p> <p><b>Assembly Second Reading File on 4/18</b></p>
<p><b><u>AB 2551 (Gallagher R) Surface storage: design-build contracts.</u></b></p> <p><b>RWA Interest:</b></p> <p>Would authorize certain surface storage projects that receive Proposition 1 funding to use the design-build method of project delivery.</p>	Watch	<p>Introduced: 2/19/16</p> <p><b>Amended 4/5</b></p> <p><b>Passed by Com. W, P, &amp; W and referred to Approp. Com. on 4/12</b></p> <p><b>Recommend we remove from Hot List</b></p>

RWA – Hot Bill Legislation (New Bills)	Position	Status
<p><b><i>ACA 8 (Bloom D) Local government financing: water facilities and infrastructure: voter approval.</i></b></p> <p><b>RWA Interest:</b> This measure attempts to add a tool to the toolbox water agencies can use for funding needed infrastructure projects. Specifically, it would exempt bonds sold for purposes of funding water related infrastructure projects from the 1% property tax limit and it would lower the voter approval threshold for such bonds from 2/3 of voters to 55% of voters.</p> <p><b>ACWA Support</b></p>	Watch	<p>Introduced: 2/19/16</p> <p>Move to Support?</p>
<p><b><i>SB 814 (Hill D) Drought: excessive water use: urban retail water suppliers.</i></b></p> <p><b>RWA Interest:</b> SB 814 will require both public and private urban retail water suppliers that directly provide potable municipal water to more than 3,000 users – to levy fines against excessive water users and define.</p> <p>The bill prohibits excessive water use and requires water suppliers to assess a penalty of at least \$500 on residential water customers for every hundred cubic feet used above an “excessive use definition”.</p> <p>Would require water providers to:</p> <ul style="list-style-type: none"> <li>• Establish an ordinance or rule to create a definition of excessive use based on local conditions and declare that excessive use is a waste or unreasonable use of water.</li> <li>• Assess fines on residential customer’s water bills.</li> <li>• Have a process for non-payment.</li> <li>• Have an appeal process for assessed fines.</li> </ul> <p><b>ACWA Oppose Unless Amended</b></p>	OPPOSE	<p>Introduced: 1/4/16</p> <p>CMUA and ACWA both working on amendments.</p> <p>Soyla will schedule meeting with Hill or staff to find out willingness to amend.</p> <p><b>3/31/16 – Withdrawn from Com. on NR &amp; W – Re-referred to Approp. Com</b></p> <p><b>Amended 3/30 – removed part of bill that increased public records act request authorities</b></p>

RWA – Hot Bill Legislation (New Bills)	Position	Status
<p><b><i>SB 919 (Hertzberg D) Water supply: creation or augmentation of local water supplies.</i></b></p> <p><b>RWA Interest:</b> SB 919 is attempting to encourage more recycled water and desalination by cost-effectively tapping into oversupplies of renewable energy. ACWA concludes that the existing language discourages inter-regional transfers and is anti-robust water market. ACWA's position at this point is a "Favor if Amended"</p> <p>SB 919 requires the Public Utilities Commission to develop a special time of use rate for entities that augment local water supply through recycling, brackish desalting, or desalination. The bill also requires the Commission to adopt other policies that address the issue of oversupply.</p> <p><b>ACWA Favor if Amended</b></p>	Watch	<p>Introduced: 1/27/16</p> <p>Referred to Coms. on E., U., &amp; C. and N.R. &amp; W. on 2/4/16</p> <p><b>Amended on 3/7, 4/6 and 4/14</b></p> <p><b>Passed Com. on NR and referred to Approp. Com on 4/14</b></p>
<p><b><i>SB 1233 McGuire D) Joint powers authorities: Water Bill Savings Act.</i></b></p> <p><b>RWA Interest:</b> This bill would authorize JPAs to provide funding for a customer of a local agency to voluntarily acquire, install, or repair a water efficiency improvement on the customer's property. The bill would require the customer to repay the JPA through an efficiency charge on their water bill. SB 1233 will provide local governments and disadvantaged communities the necessary tools to fund water savings projects for customers who voluntarily participate, thus helping the state achieve its continued goals of reducing water use.</p> <p><b>ACWA Watch</b></p>	Watch	<p>Introduced: 2/18/16</p> <p><b>Amended 3/28 and 4/14 – technical amendments</b></p> <p><b>Referred to Com on Gov &amp; Finance</b></p> <p><b>Calendar: 4/27 - Com. on Gov and Finance</b></p>

RWA – Hot Bill Legislation (New Bills)	Position	Status
<p><b><i>SB 1262 (Pavley D) Water supply planning.</i></b></p> <p><b>RWA Interest:</b> This bill, along with a few others, including SB 1263, SB 1317, and SB 1318 all take strides towards more State Board control and seem to also further define the water system consolidation requirements put into law last year through the Trailer Bill process, specifically SB 88.</p> <p>SB 1262, in conjunction with SB 1263 builds on the administration’s Affordable Safe Drinking Water Initiative to update the “show me the water” bills from 2012 (SB 610 and SB 221) as follows:</p> <ul style="list-style-type: none"> <li>• Integrates GSA’s and consideration of groundwater sustainability plans into water supply and land use planning.</li> <li>• Prohibits use of groundwater to supply new development if the groundwater basin has been deemed out of compliance with SGMA (i.e., is “probationary”)</li> <li>• Prohibits the use of hauled water</li> <li>• Creates a process to discourage creation of new water systems when it is geographically and economically feasible to connect to an existing system</li> </ul> <p><b>ACWA Oppose Unless Amended</b></p>	<p><b>WATCH</b></p>	<p>Introduced: 2/18/16</p> <p><b>Calendar: 4/20 – Com. on Gov and Finance</b></p>
<p><b><i>SB 1263 (Wieckowski D) Public water system: permits.</i></b></p> <p><b>RWA Interest:</b> This bill, along with a few others, including SB 1262, SB 317, and SB 318 all take strides towards more State Board control and seem to also further define the water system consolidation requirements put into law last year through the Trailer Bill process, specifically SB 88.</p> <p>Also, there is no definition of “<b>new public water system</b>” in the bill.</p> <p>SB 1263 would commencing January 1, 2017, prohibit an application for a permit for a <b>new public water system</b> from being deemed complete unless the applicant has submitted a preliminary technical report to the State Board and would allow the State Board to impose technical, financial, or managerial requirements on the permit.</p> <p><b>ACWA Oppose Unless Amended</b></p>	<p><b>WATCH</b></p>	<p>Introduced: 2/18/16</p> <p><b>Passed by Com. on E.Q. and referred to Approp. Com. on 4/6</b></p>



RWA – Hot Bill Legislation (New Bills)	Position	Status
<p><b><i>SB 1264 (Cannella R) Monterey County Water Resources Agency: Salinas River System.</i></b></p> <p><b>RWA Interest:</b> This one is simply an earmark question. It probably doesn't have much of a chance of getting signed into law. Does RWA take stances on earmark matters? To be determined after further direction from the Executive Committee.</p> <p>Would appropriate \$1,000,000 from the General Fund to the Monterey County Water Resources Agency, for use in the Salinas River, to assist in the removal of excess vegetation and trash, increase efficiency of instream flow using sediment and vegetation management strategies, and support the development and implementation of long-term management policies.</p> <p><b>ACWA Favor</b></p>	Watch	<p>Introduced: 2/18/16</p> <p>Referred to Com. on N.R. &amp; W and E.Q.</p>
<p><b><i>SB 1294 (Pavley D) The California Community Climate, Drought, and Jobs Resiliency Act.</i></b></p> <p><b>RWA Interest:</b> At face value, RWA agencies could benefit from this bill as it specifically states that in awarding grants, the Department of Resources Recycling and Recovery shall give priority to projects that would aid urban canopies at the greatest risk from drought. The bill does not indicate where the funding would come from so, RWA should keep an eye on this for potential PGC language.</p> <p>Would require the Department of Resources Recycling and Recovery to award grants to local conservation corps certified by the California Conservation Corps for projects that improve the climate and drought resiliency of urban canopies, community landscaping, and urban greening efforts through the use of various water conservation methods, including the application of compost and mulch.</p>	Watch	<p>Introduced: 2/19/16</p> <p><b>Amended on 4/4</b></p> <p><b>Calendar: 4/20 – Com. on E.Q.</b></p>

RWA – Hot Bill Legislation (New Bills)	Position	Status
<p><b><i>SB 1317 (Wolk D) Conditional use permit: groundwater extraction facility.</i></b></p> <p><b>RWA Interest:</b> This bill will require local agencies to issue permits for groundwater wells unless they adopt an ordinance regulating the installation of groundwater wells before July 1, 2017.</p> <p>Would, by July 1, 2017, require a city or county overlying a basin designated as a high- or medium-priority basin to establish a process for the issuance of conditional use permits for the development of a groundwater extraction facility in order to prevent a new groundwater extraction facility from contributing to or creating an undesirable result, as prescribed.</p> <p><b>ACWA Oppose</b></p>	<p><b>OPPOSE</b></p>	<p>Introduced: 2/19/16</p> <p>Soyla will schedule meetings with Wolk's staff.</p> <p>LSP would like to find way to recommend a support position. Consider amendments limiting this bill to private wells and, possibly to critically overdraft gw basins only</p> <p><b>Passed – Com. on NR &amp; W – referred to Com. on Gov &amp; Finance</b></p> <p><b>Calendar: 4/20 – Com. on Gov &amp; Finance</b></p>
<p><b><i>SB 1318 (Wolk D) Local government: drinking water infrastructure or services: wastewater infrastructure or services.</i></b></p> <p><b>RWA Interest:</b> This bill is another step towards mandatory consolidations. Recent amendments (4/12) slow down the process but still limit LAFCO discretion.</p> <p>Senate Bill 1318 ensures that disadvantaged communities secure access to safe and affordable drinking water and wastewater services. Specifically, this bill requires cities and special districts to make water and wastewater services available to existing communities within or adjacent to their spheres of influence prior to annexing more land or extending services for new development.</p> <p><b>ACWA Oppose</b></p>	<p><b>OPPOSE</b></p>	<p>Introduced: 2/19/16</p> <p><b>Amended: 3/28 and 4/12</b></p> <p><b>Passed by Com on Gov &amp; Finance</b> <b>Referred to Com on E.Q.</b></p> <p><b>Calendar: 4/20 Com. on E.Q.</b></p>

RWA – Hot Bill Legislation (New Bills)	Position	Status
<p><b><u>SB 1340 (Wolk D) Water Conservation in Landscaping Act</u></b></p> <p><b>RWA Interest:</b> SB 1340 incorporates a requirement for the permitting of stand-alone irrigation installations for commercial and large residential landscapes into the Water Conservation and Landscaping Act. This is definitely an added workload on local agencies but it does address a potential problem area that is addressed in the Independent Technical Report produced in response to AB 1420 (Laird). RWA may want to consider a “Support” position.</p> <p>SB 1340 would add to the model water efficient landscape ordinance a permit requirement for the installation, expansion, or replacement of specified automatic irrigation systems for a landscape project on or after July 1, 2017. The bill would allow the governing body of a local agency to adopt an ordinance prescribing fees for filing an application for the permit.</p> <p><b>ACWA Oppose</b></p>	Watch	<p>Introduced: 2/19/16</p> <p>Amended 4/5</p> <p><b>Passed Com. on NR&amp;W</b></p> <p><b>Calendar: 4/18 – Senate Third Reading File</b></p>
<p><b><u>SB 1398 (Leyva D) Public water systems: lead pipes.</u></b></p> <p>Would require a public water system to compile an inventory of lead pipes in use by July 1, 2018, and, after completing the inventory, to provide a timeline for replacement of lead pipes in the system to the board. This bill would require the board to establish best practices to ensure that chemicals introduced into public water systems do not create corrosion or contamination within the system.</p>	Watch	<p>Gut and Amended on 3/28</p> <p>Calendar: 4/20 – Sen Com. on E.Q.</p> <p>Still needs to be reviewed but recommend adding to “Hot List”</p>

## Version 4 of Hot List Summary – April 27, 2016

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- Approved by the Executive Committee on 4/27/16
- Removes AB 1555, AB 1589, AB 1590, AB 1647, AB 2550, AB 2601 and SB 1440 due to Failed Deadline pursuant to Joint Rule 61(b)(5).

## 2016 RWA Low Priority Bills 2/29/2016

- AB 1586 (Mathis R) California Environmental Quality Act: Temperance Flat Reservoir.**  
**Summary:** Would prohibit the court, in an action or proceeding alleging a violation of CEQA, from staying or enjoining the construction or operation of the Temperance Flat Reservoir unless the court makes certain findings. This bill contains other related provisions.
- AB 1683 (Eggman D) Alternative energy financing.**  
**Summary:** Would prohibit the sales and use tax exclusions from exceeding \$200,000,000 for each calendar year. By increasing the limit on the sales and use tax exclusion, this bill would include a change in state statute that would result in a taxpayer paying a higher tax within the meaning of Section 3 of Article XIII A of the California Constitution, and thus would require for passage the approval of 2/3 of the membership of each house of the Legislature. The bill would specify that if less than \$200,000,000 is granted in a calendar year, the unallocated amount may roll over to the following calendar year.
- AB 1694 (Lackey R) Water Quality, Supply, and Infrastructure Improvement Act of 2014: stormwater: multibenefit projects.**  
**Summary:** The Water Quality, Supply, and Infrastructure Improvement Act of 2014 requires \$200,000,000 of these funds to be available for grants for multibenefit stormwater management projects. This bill, in implementing these grants for multibenefit stormwater management projects, would require special consideration to be given to projects that would use cisterns for water storage and flood protection. This bill would appropriate \$90,000,000 from the proceeds of the bond act for the purpose of the grants for multibenefit stormwater management projects.
- AB 1704 (Dodd D) Water rights.**  
**Summary:** Current law requires applicants for appropriation of water for small domestic, small irrigation, or livestock stockpond use to register with the State Water Resources Control Board, as specified. Current law requires the registration to include a certification that the registrant has contacted a representative of the Department of Fish and Wildlife and has agreed to comply with conditions set forth by the Department of Fish and Wildlife. This bill would, instead, require the registrant to provide a copy of the registrant's registration form to the Department of Fish and Wildlife and agree to general conditions, as specified.
- AB 1713 (Eggman D) Sacramento-San Joaquin Delta: peripheral canal.**  
**Summary:** Current law requires various state agencies to administer programs relating to water supply, water quality, and flood management in the Sacramento-San Joaquin Delta. The bill would prohibit the construction of a peripheral canal, as defined, unless expressly authorized by an initiative voted on by the voters of California on or after January 1, 2017, and would require the Legislative Analyst's Office to complete a prescribed economic feasibility analysis prior to a vote authorizing the construction of a peripheral canal.
- AB 1738 (McCarty D) Building Standards: Dark Graywater.**  
**Summary:** Would define "dark graywater" as a specified wastewater that comes from kitchen sinks and dishwashers. This bill would require the Department of Housing and Community Development, at the next triennial building standards rulemaking cycle, to adopt and submit for approval building standards for the construction, installation, and alteration of dark graywater systems for indoor and outdoor uses. This bill contains other existing laws.
- AB 1815 (Alejo D) California Global Warming Solutions Act of 2006: disadvantaged communities.**  
**Summary:** Current law requires the 3-year investment plan to allocate a minimum of 25% of the available moneys in the Greenhouse Gas Reduction Fund to projects that provide benefits to disadvantaged communities. This bill would require the State Air Resources Board to prepare and post on its Internet Web site a specified report on the projects funded to benefit disadvantaged communities. This bill contains other related provisions.
- AB 1841 (Irwin D) Office of Emergency Services: duties: cybersecurity.**  
**Summary:** Would require the Office of Emergency Services to develop and transmit to the Legislature a state-wide emergency services response plan for cybersecurity attacks on critical infrastructure systems, as defined. The bill would further require the office to develop a comprehensive cybersecurity strategy setting standards for state agencies, as defined, and private entities to prepare for cybersecurity attacks on critical infrastructure systems. The bill would require state agencies, and authorize private entities, to report its cybersecurity strategy to the office.
- AB 1842 (Levine D) Water: pollution: fines.**  
**Summary:** Current law imposes a maximum civil penalty of \$25,000 on a person who discharges various pollutants or other designated materials into the waters of the state. This bill would impose an additional civil penalty of not more than \$10 for each gallon or pound of polluting material discharged.

The bill would require that the civil penalty be reduced for every gallon or pound of the illegally discharged material that is recovered and properly disposed of by the responsible party.

**AB 1866 (Wilk R) High-speed rail bond proceeds: redirection: water projects.**

**Summary:** Would provide that no further bonds shall be sold for high-speed rail purposes pursuant to the Safe, Reliable High-Speed Passenger Train Bond Act for the 21st Century, except as specifically provided with respect to an existing appropriation for high-speed rail purposes for early improvement projects in the Phase 1 blended system. The bill, subject to the above exception, would require redirection of the unspent proceeds received from outstanding bonds issued and sold for other high-speed rail purposes prior to the effective date of these provisions, upon appropriation, for use in retiring the debt incurred from the issuance and sale of those outstanding bonds.

**AB 1871 (Waldron R) Desalination.**

**Summary:** Would provide that it is the intention of the Legislature that when a state agency considers an application relating to desalination that the agency, when considering alternatives, should consider the cost of those alternatives in order to ensure that project financing does not become significantly more expensive or difficult.

**AB 1928 (Campos D) Water efficiency: landscape irrigation equipment.**

**Summary:** Would postpone the date by which the State Energy Resources Conservation and Development Commission is to adopt the performance standards and labeling requirements for landscape irrigation controllers and moisture sensors to January 1, 2018, and would prohibit, on and after January 1, 2020, the sale of that equipment unless it meets the performance standards and labeling requirements. The bill would additionally require the commission, in adopting those standards and requirements, to consider developments in landscape irrigation efficiency occurring on or after January 1, 2010.

**AB 2022 (Gordon D) Advanced purified demonstration water.**

**Summary:** Would authorize the operator of a facility producing advanced purified demonstration water, as defined, to cause that water to be bottled and distributed as samples for educational purposes and to promote water recycling. The bill would prohibit the advanced purified demonstration water from being distributed unless the water meets or is superior to all federal and state drinking water standards. The bill would authorize advanced purified demonstration water to be bottled at a licensed water-bottling plant in compliance with specified provisions.

**AB 2042 (Harper R) Water desalination facilities.**

**Summary:** Would declare the intent of the Legislature to enact legislation relating to water desalination facilities.

**AB 2043 (Harper R) Desalination.**

**Summary:** Would state that the Legislature recognizes that desalination is an important local and regional sustainable water supply and reliability option.

**AB 2076 (Garcia, Cristina D) Water recycling: beer and wine.**

**Summary:** Current law requires the State Water Resources Control Board to establish uniform statewide recycling criteria for each varying type of use of recycled water where the use involves the protection of public health. This bill would require the board to adopt uniform water recycling criteria for the use of recycled water in the manufacture of beer and wine.

**AB 2139 (Williams D) State Water Resources Control Board: California Ocean Plan.**

**Summary:** The Porter-Cologne Water Quality Control Act requires the State Water Resources Control Board to formulate and adopt state policies for water quality control and to formulate and adopt, and review at least every 3 years, a water quality control plan for the ocean waters of the state known as the California Ocean Plan. This bill would require the state board, on or before January 1, 2018, to either amend the plan or adopt separate standards to address water quality objectives and effluent limitations that specifically relate to carbon dioxide and pH levels within the state's coastal waters.

**AB 2168 (Williams D) Public Utilities Commission Audit Compliance Act of 2016.**

**Summary:** The Public Utilities Act requires the Public Utilities Commission to inspect and audit the books and records of electrical corporations, gas corporations, heat corporations, telegraph corporations, telephone corporations, and water corporations for regulatory and tax purposes. This bill, which would be known as the Public Utilities Commission Audit Compliance Act of 2016, would delete the requirement that the reports of the inspections and audits and other pertinent information be furnished to the State Board of Equalization for use in the assessment of the public utilities and instead would require the commission to post reports of the inspections and audits and other pertinent information on its Internet Web site.

**AB 2198 (Brough R) Coastal development permits: desalinization facilities.**

**Summary:** The California Coastal Act of 1976 requires any person wishing to perform or undertake any development in the coastal zone, as defined, to obtain a coastal development permit, except as

specified, from the California Coastal Commission or from a local government. This bill would require an application for a coastal development permit for a desalinization project, as described, to be given priority for review, and would require the issuing agency to expedite the processing of any such permit application.

**AB 2373 (Gray D) Merced Irrigation District**

**Summary:** The Irrigation District Law provides for the formation of irrigation districts with prescribed powers, including acting to put to any beneficial use any water under the district's control. This bill would appropriate \$45,000 from the General Fund to the Merced Irrigation District for implementing irrigation and water use efficiency strategies for small communal farms in the County of Merced. This bill contains other related provisions.

**AB 2438 (Waldron R) California Environmental Quality Act: exemption: recycled water pipelines.**

**Summary:** Would, until January 1, 2020, additionally exempt from CEQA a project for the construction and installation of a new pipeline or the maintenance, repair, restoration, reconditioning, relocation, replacement, removal, or demolition of an existing pipeline, not exceeding 8 miles in length, for the distribution of recycled water within a public street, highway, or right-of-way and would require the lead agency to undertake specified activities, including the filing of a notice of exemption for the project with the Office of Planning and Research and the office of the county clerk of each county in which the project is located.

**AB 2444 (Garcia, Eduardo D) California Water Quality, Coastal Protection, and Outdoor Access Improvement Act of 2016.**

**Summary:** Would declare the intent of the Legislature to enact the California Water Quality, Coastal Protection, and Outdoor Access Improvement Act of 2016, which would authorize the issuance of bonds to finance a water quality, coastal protection, and outdoor access improvement program.

**AB 2446 (Gordon D) Natural resources: protection.**

**Summary:** Current law declares that resource conservation is of fundamental importance to the prosperity and welfare of the people of this state. This bill would declare the intent of the Legislature to enact legislation that would protect the state's land and water resources.

**AB 2534 (Nazarian D) Los Angeles River.**

**Summary:** Would declare the intent of the Legislature to enact legislation to promote the revitalization of the Los Angeles River.

**SB 930 (Gaines R) Bear Lake Reservoir: recreational use.**

**Summary:** Current law requires the Lake Alpine Water Company, on or before January 1, 2016, to file with the Legislature a report on the recreational uses at Bear Lake Reservoir and the water treatment program for that reservoir. Current law provides that, upon a finding of noncompliance, the Lake Alpine Water Company could be subject to suspension, amendment, or revocation of any permit issued pursuant to specified provisions, and that failure to comply with these provisions would be deemed a violation subject to specified fines, penalties, or other enforcement actions. This bill would require the Lake Alpine Water Company to file the report on or before January 1, 2018, and would delete these provisions on January 1, 2019.

**SB 953 (Lara D) Central Basin Municipal Water District.**

**Summary:** Would prohibit the Central Basin Municipal Water District from using sole source contracts, except as prescribed. This bill would require the district to rebid a contract if the district significantly changes the scope of work of the contract. This bill would require the general manager of the district to submit a quarterly report to the district's board detailing all of the district's contracts, contract amendments, and contract and amendment dollar amounts. By imposing new duties on a municipal water district, this bill would impose a state-mandated local program. This bill contains other related provisions and other existing laws.

**SB 974 (Committee on Governance and Finance) Local government: omnibus.**

**Summary:** The Planning and Zoning Law requires that the safety element be reviewed and updated, in the case of flooding and fire hazards, upon the next revision of the housing element after specified dates or, in the case of climate adaptation and resilience strategies, upon either the next revision of a local hazard mitigation plan after a specified date or on or before January 1, 2022, as applicable. This bill would instead require a planning agency to review and revise the safety element to identify new information, as described above, only after to address flooding and fires.

**SB 995 (Pavley D) Well standards.**

**Summary:** Would, on or before January 1, 2019, require the Department of Water Resources to update well standards for certain types of wells based on existing knowledge. This bill would require the department to establish an advisory panel to identify critical gaps in existing knowledge about the best practices for well construction, alteration, maintenance, and destruction for these wells. This bill would, on or before January 1, 2022, require the advisory panel to make recommendations for improvements in well regulations and the department to submit the recommendations to the State

Water Resources Control Board.

**SB 1000 (Leyva D) Land use: general plans: environmental justice.**

**Summary:** The Planning and Zoning Law requires the legislative body of each county and city to adopt a comprehensive, long-term general plan for the physical development of the county or city and of any land outside its boundaries that bears relation to its planning. This bill would add to the required elements of the general plan an environmental justice element that identifies and appraises the burdens of undesirable land uses within disadvantaged communities, as defined, or that disproportionately impact a particular population on the basis of race, national origin, ethnic group identification, religion, age, sex, sexual orientation, color, or disability for specified purposes.

**SB 1026 (Nielsen R) Department of Fish and Wildlife: lake or streambed alteration agreements.**

**Summary:** Current law prohibits an entity from substantially diverting or obstructing the natural flow of, or substantially changing or using any material from the bed, channel, or bank of, any river, stream, or lake, or from depositing certain material where it may pass into any river, stream, or lake, without first notifying the Department of Fish and Wildlife of that activity, and entering into a lake or streambed alteration agreement if required by the department to protect fish and wildlife resources. This bill would limit the diversions and obstructions governed by these alteration agreement requirements to the diversions and obstructions that alter the bed, channel, or bank of a river, stream, or lake.

**SB 1112 (Cannella R) Utilities: water and sewer systems corporations: transactions.**

**Summary:** Would require a water or sewer system corporation with less than 2,000 service connections to receive the Public Utilities Commission's approval before entering into specified transactions valued at \$5,000,000. The bill would provide that if a water or sewer system corporation fails to receive the commission's approval, the transaction is voidable by the commission until the commission either retroactively approves or conditionally approves the transaction. The bill would authorize the commission to delegate this approval authority to a specified division director. This bill contains other existing laws.

**SB 1114 (Allen D) Stormwater resource planning: project funding.**

**Summary:** Would, by March 1, 2017, require the State Water Resources Control Board to include as part of its guidance a list of potential funding sources available to a public agency to fund projects identified in a public agency's stormwater resource plan.

**SB 1170 (Wieckowski D) Public contracts: water pollution prevention plans: delegation.**

**Summary:** Would prohibit a public entity, charter city, or charter county from delegating to a contractor the development of a plan, as defined, used to prevent or reduce water pollution or runoff on a public works contract, except as provided. The bill would also prohibit a public entity, charter city, or charter county from requiring a contractor on a public works contract that includes compliance with a plan to assume responsibility for the completeness and accuracy of a plan developed by that entity.

**SB 1173 (Hertzberg D) Water-conserving plumbing fixtures.**

**Summary:** Current law requires the replacement of plumbing fixtures that are not water conserving, defined as "noncompliant plumbing fixtures," in residential and commercial real property built and available for use on or before January 1, 1994, as specified. Current law defines "commercial real property," "multifamily residential real property," and "water-conserving plumbing fixture" for purposes of these provisions. This bill would amend the definition of specified noncompliant plumbing fixtures to lower water usage thresholds.

**SB 1248 (Moorlach R) Environmental quality: judicial challenge: identification of contributors.**

**Summary:** Would require a plaintiff or petitioner, in an action brought pursuant to the provisions of CEQA, to disclose specified information regarding the plaintiff or petitioner in the complaint or petition or in a subsequent notice. The bill would require disclosure of the identity of a person or entity that contributes in excess of \$100 dollars, as specified, toward the plaintiff's or petitioner's costs of an action. The bill would provide that a failure to provide this disclosure shall be grounds for dismissal of the action by the court or, if the failure occurs during a postjudgment proceeding, the denial of attorneys' fees for a successful plaintiff or petitioner.

**SB 1415 (Bates R) California Environmental Quality Act: water projects: exemption.**

**Summary:** Would exempt from the requirements of CEQA drought-oriented projects, as specified, proposed by one or more public agencies, or a combination of public agencies and private organizations, that have the purpose of mitigating drought conditions for which a state of emergency has been declared by the Governor pursuant to the California Emergency Services Act. This bill contains other existing laws.

**SB 1456 (Galgiani D) Safe Drinking Water State Revolving Fund Law of 1997: public water systems: financing.**

**Summary:** Current law, for community public water systems and not-for-profit noncommunity public water systems, allows planning and preliminary engineering studies, project design, and construction costs incurred by those public water systems to be funded by loans and other repayable financing.

This bill would authorize the above-described costs to be funded by loans or other repayable financing, grants, principal forgiveness, or a combination of grants and loans or other financial assistance, regardless of whether the public water system is a community public water system or a not-for-profit noncommunity public water system, or whether the public water system is owned by a public agency or private not-for-profit water company.

**Total Measures: 37**

**Total Tracking Forms: 37**



**2016 Listing of Spot Bills  
2/29/2016**

- AB 1794** (**Garcia, Cristina D**) Municipal water districts: board of directors.
- AB 1979** (**Bigelow R**) Urban water management plans.
- AB 1981** (**Mayes R**) California Environmental Quality Act: environmental impact report.
- AB 1986** (**Wilk R**) Water resources: permit to appropriate: application procedure.
- AB 2038** (**Gaines, Beth R**) California Environmental Quality Act: environmental impact report: substantial evidence.
- AB 2112** (**Dahle R**) Safe Drinking Water Act.
- AB 2241** (**Dahle R**) State policy for water quality control.
- AB 2271** (**Quirk D**) Energy efficiency.
- AB 2335** (**Gaines, Beth R**) Waste discharge reports.
- AB 2357** (**Dahle R**) Water rights: measurement of diversion.
- AB 2470** (**Bigelow R**) Water quality: organization and membership of regional boards.
- AB 2515** (**Weber D**) Water districts: financial supervision.
- AB 2541** (**Dahle R**) Public utilities.
- AB 2543** (**Gordon D**) State buildings: efficiency.
- AB 2570** (**Quirk D**) Public Utilities Commission: inspection and audit of books and records.
- AB 2603** (**Nazarian D**) Public Utilities Commission: proceedings: intervenor compensation.
- AB 2639** (**Garcia, Eduardo D**) Water quality: Porter-Cologne Water Quality Control Act.
- AB 2657** (**Chu D**) Water Quality, Supply, and Infrastructure Improvement Act of 2014.
- SB 1096** (**Berryhill R**) Waste discharge requirements.
- SB 1164** (**Cannella R**) Sustainable Groundwater Management Act: groundwater sustainability agencies.
- SB 1328** (**Lara D**) Water Quality, Supply, and Infrastructure Improvement Act of 2014.
- SB 1422** (**Glazer D**) Water corporations: rate regulation.
- SB 1469** (**Stone R**) Groundwater sustainability agencies.
- SB 1472** (**Mendoza D**) Flood management.

Total Measures: 24

Total Tracking Forms: 24



## Agenda Item: 22

**Date:** May 6, 2016

**Subject:** Upcoming Water Industry Events

**Staff Contact:** Heather Hernandez-Fort, Executive Assistant to the General Manager

Below is a list of upcoming water industry events.

### Upcoming Events

1. Special Districts Legislative Days  
May 17-18, 2016  
Sacramento, CA  
<http://legislatedays.csda.net/>
2. California Water Summit  
June 1-3, 2016  
Sacramento, CA  
<http://www.acwa.com/events/third-annual-california-water-summit>
3. Law Seminars International “Sustainable Groundwater in California”  
June 6 & 7, 2016  
Sacramento, CA  
<https://www.lawseminars.com/detail.php?SeminarCode=16WATCA>
4. Groundwater Resources Association of California, Sustainable Groundwater Management Act Symposium  
June 8 & 9, 2016  
Sacramento, CA  
<http://www.grac.org/>
5. American Water Works Association Annual Conference and Exposition  
June 20-22, 2016  
Chicago, IL  
<http://www.awwa.org/conferences-education/conferences/annual-conference.aspx>
6. Urban Water Institute, Inc. “23<sup>rd</sup> Annual Water Conference”  
August 24-26, 2016  
San Diego, CA  
<http://www.urbanwater.com/conference/>

**REGIONAL WATER AUTHORITY  
REGULAR MEETING OF THE BOARD OF DIRECTORS  
Thursday, May 12, 2016; 9:00 a.m.**  
5620 Birdcage Street, Suite 110  
Citrus Heights, CA 95610  
(916) 967-7692

## AGENDA

The public shall have the opportunity to directly address the Board on any item of interest before or during the Board's consideration of that item. Public comment on items within the jurisdiction of the Board is welcomed, subject to reasonable time limitations for each speaker. Public documents relating to any open session item listed on this agenda that are distributed to all or a majority of the members of the Board of Directors less than 72 hours before the meeting are available for public inspection in the customer service area of the Authority's Administrative Office at the address listed above. In compliance with the Americans with Disabilities Act, if you have a disability and need a disability-related modification or accommodation to participate in this meeting, please contact the Executive Director of the Authority at (916) 967-7692. Requests must be made as early as possible, and at least one full business day before the start of the meeting.

1. **CALL TO ORDER AND ROLL CALL**
2. **PUBLIC COMMENT**
3. **CONSENT CALENDAR**
  - a. Minutes from the March 10, 2016 RWA regular board meeting  
**Action: Approve Consent Calendar Item**
  - b. **Action: Approve the amended RWA pay schedule for the period January 1, 2013 to include the Executive Director's position and the revision date of January 14, 2016**
4. **EXECUTIVE COMMITTEE REPORT AND RECOMMENDATIONS**
  - a. Information: Final minutes of the February 17, 2016 and March 23, 2016 Executive Committee meetings and draft minutes from the April 27, 2016 Executive Committee meeting
  - b. **Action: Approve RWA Associate Members Policy 100.3, RWA Journal Entry Approval Policy 500.7 and RWA Purchasing Card Policy 500.8**
  - c. **Action: Ad Hoc Committee recommends approval of Resolution 2016-04**
5. **CLOSED SESSION UNDER GOVERNMENT CODE SECTIONS 54954.5(C) AND 54956.9(D) – UPDATE ON CALPERS CONTINUED OBLIGATION TO PROVIDE PENSION BENEFITS TO RWA EMPLOYEES**
6. **CALIFORNIA PUBLIC EMPLOYEES' RETIREMENT SYSTEM REALLOCATION AGREEMENT**

Information Presentation: John Woodling, Executive Director  
**Action: Approve the CalPERS Reallocation Agreement and direct the Executive Director to execute the Reallocation Agreement on behalf of RWA**

**7. REGIONAL RELIABILITY PLAN UPDATE**

Information Presentation: Rob Swartz, Manager of Technical Services

**8. METROPOLITAN WATER DISTRICT**

Information Presentation: Deven Upadhyay, Manager of the Water Resource Management Group at the Metropolitan Water District of Southern California

**9. EXECUTIVE DIRECTOR'S REPORT**

**10. DIRECTORS' COMMENTS**

**ADJOURNMENT**

Upcoming meetings:

Next Executive Committee Meetings – Wednesday, May 25, 2016 and Wednesday, June 22, 2016, 8:30 a.m. at the RWA office.

Next RWA Board of Directors' Meeting – Thursday, July 14, 2016 9:00 a.m., at the RWA Office.

# ITEM 24 A

## REGIONAL WATER AUTHORITY EXECUTIVE COMMITTEE AGENDA

April 27, 2016; 8:30 a.m.  
5620 Birdcage Street, Suite 110  
Citrus Heights, CA 95610  
(916) 967-7692

### AGENDA

The public shall have the opportunity to directly address the Board on any item of interest before or during the Board's consideration of that item. Public comment on items within the jurisdiction of the Board is welcomed, subject to reasonable time limitations for each speaker. Public documents relating to any open session item listed on this agenda that are distributed to all or a majority of the members of the Board of Directors less than 72 hours before the meeting are available for public inspection in the customer service area of the Authority's Administrative Office at the address listed above. In compliance with the Americans with Disabilities Act, if you have a disability and need a disability-related modification or accommodation to participate in this meeting, please contact the Executive Director of the Authority at (916) 967-7692. Requests must be made as early as possible, and at least one full business day before the start of the meeting.

1. **CALL TO ORDER AND ROLL CALL**
2. **PUBLIC COMMENT:** Members of the public who wish to address the committee may do so at this time. Please keep your comments to less than three minutes.
3. **CONSENT CALENDAR**
  - a. Minutes of the March 23, 2016 Executive Committee meeting  
**Action: Approve Minutes of the March 23, 2016 Executive Committee meeting**
  - b. **Action: Recommend RWA Board approval of Journal Entry Approval Policy 500.7**
  - c. **Action: Authorize the Executive Director to contract with Richardson and Company to provide for professional auditing services for RWA's fiscal year 2016 audit. The contract shall not exceed \$22,050 for the FY 2016 audit.**
4. **CLOSED SESSION UNDER GOVERNMENT CODE SECTIONS 54954.5(C) AND 54956.9(D) – UPDATE ON CALPERS CONTINUED OBLIGATION TO PROVIDE PENSION BENEFITS TO RWA EMPLOYEES**
5. **CALIFORNIA PUBLIC EMPLOYEES' RETIREMENT SYSTEM REALLOCATION AGREEMENT**

Information Presentation: John Woodling, Executive Director  
**Action: Recommend RWA Board approval of the CalPERS Reallocation Agreement and direct the Executive Director to execute the Reallocation Agreement on behalf of RWA**
6. **REGIONAL RELIABILITY PLAN UPDATE**

Information Presentation: Rob Swartz, Manager of Technical Services
7. **REGULATORY UPDATE**

Information Presentation: John Woodling, Executive Director

**8. LEGISLATION UPDATE**

Information Presentation: Dave Brent, Water Policy Advisor

**9. RWA MAY 12, 2016 BOARD MEETING**

**Action: Approve Agenda for May 12, 2016 Meeting of the RWA Board of Directors**

**10. DIRECTOR'S COMMENTS**

**ADJOURNMENT**

**Upcoming meetings:**

**Upcoming Executive Committee Meetings** – May 25, 2016 and June 22, 2016 at 8:30 a.m. at the RWA office

**Next RWA Board of Directors' Meeting** – Thursday, May 12, 2016, at 9:00 a.m. in the RWA conference room, 5620 Birdcage Street, Ste. 110, Citrus Heights, CA 95610

**WATER CAUCUS**  
**Wednesday, May 11, 2016**  
**11:30 AM – 1:00 PM**  
**Regional Water Authority**  
**5620 Birdcage St., Citrus Heights**

## **Agenda**

1. Flow Management Standard Update
2. California Water Fix Update
3. Water Conservation Emergency Regulations
4. Outreach to Environmental Caucus
5. Legislative Update

From: David Armand  
Sent: Friday, April 22, 2016 10:42 AM  
To: 'Karen'  
Cc: Annette O'Leary; Doug Cater; James Arenz; Dan York; '311case@saccounty.net'  
Subject : Murchison Way, Carmichael, CA 95608

Dear Ms.,

Thank you for calling this matter to my attention. As Environmental Compliance Supervisor for Sacramento Suburban Water District (SSWD), one of my primary responsibilities is responding to customer's Feedback emails concerning water quality and environmental compliance. The text in the Subject line of your email ensured that it would be forwarded to me. After carefully reading over your email string, I did some research into what actions SSWD staff took in response to the previous notification you mentioned below. Unfortunately, I was unable to find any record of that notification, however, I did find information associated with a message that an unknown person left on the District's voice mail back in February concerning a leak at Murchison Way.

According to notes associated with Murchison Way, on February 17, 2016, an unidentified caller reported that a leak had been occurring for a few days at Murchison Way, in Carmichael. Customer Service Staff created a Service Request to have the reported leak investigated. SSWD Distribution field staff investigated later that day and found a wet area adjacent to the sidewalk on the south side of the property. They created a Work Order, marked the area for utility clearance and waited the requisite two days before beginning work. The following represents a chronological summary of the work performed to investigate the reported leak.

- On February 19, 2016, Distribution staff returned and used leak detection equipment in an effort to pin-point the source causing the wet area. The equipment was unable to confirm the presence of a leak.
- Distribution staff returned on February 24, 2016 and cut the concrete sidewalk in the wet area in order to excavate the soil and expose the water main. Distribution staff were unable to find any leaks associated with the District's water main or service line to Murchison Way. The excavation was backfilled later that day. Distribution staff called the Sacramento Area Sewer District (SASD) and requested that they conduct a leak investigation on their infrastructure.
- The following day (February 25, 2016) Distribution staff met SASD staff on site. SASD investigated their infrastructure and subsequently confirmed the integrity (no leaks) of their system.
- On February 26, 2016, Distribution staff used leak detection equipment again in an attempt to locate any leak that may be present. The equipment again showed no evidence of a leak.
- On February 29, 2016, Distribution staff returned and used leak detection equipment and once again were unable to find any evidence that a leak was occurring. In addition, the wet area had dried up.
- On March 3, 2016, Distribution staff found the previously wet area was still dry and repaired the concrete sidewalk. This work completed their investigation.

In response to your April 17, 2016 email below, on April 18, 2016, I generated a Service Request for Distribution staff to go back out and investigate any leak that may be present at 3233 Murchison Way. On April 19, 2016, Distribution staff investigated and reported that the previously wet area remained dry and that there was no evidence of a leak occurring. A review of the account indicates that water service to the property has been suspended since December 2015, and according to the meter, there has been no water usage since October 2015.

It appears as though the wet area originally observed back in February was associated with rain water that had been entering the ground (through the rubble of the burned-out residence) and daylighting at the sidewalk.



If you have any other questions or concerns about the water quality, compliance activities, customer service, or maintenance of the public water system in SSWD's service area, please feel free to let me know and I'll ensure that you are directed to the appropriate person.

Thank you,

David Armand  
Environmental Compliance Supervisor

From: Karen [<mailto:@hotmail.com>]  
Sent: Sunday, April 17, 2016 7:10 PM  
To: [susanpeters@saccounty.net](mailto:susanpeters@saccounty.net); feedback; [info@arpf.org](mailto:info@arpf.org); [holly@sacriver.org](mailto:holly@sacriver.org); [jwoodling@rwah2o.org](mailto:jwoodling@rwah2o.org); [boothd@SacCounty.net](mailto:boothd@SacCounty.net); [ballardk@SacCounty.net](mailto:ballardk@SacCounty.net); [daneluks@saccounty.net](mailto:daneluks@saccounty.net); [ballardk@SacCounty.net](mailto:ballardk@SacCounty.net); [alan@capcoa.org](mailto:alan@capcoa.org)  
Subject: Sacramento County is knowingly poisoning our land, water, and air byu not clenaing up this mess! Please look into this problem!

Below are the records and photos of this problem.

As of today, I have sent this complaint to:

Sac county District Attorney 906 G Street Sacramento, CA 95814 [daoffice@sacda.org](mailto:daoffice@sacda.org) 916-874-6218 "tasked with ensuring public safety and upholding quality of life"

SACDOT crews responding to Hazardous Waste Spills

Sac County illegal dumping <http://saccounty.wufoo.com/forms/311-report-illegal-dumping/>

Assemblyman Cooley's office at 916-464-1910 (covers Carmichael)

Supervisor Susan Peters 700 H Street, Suite 2450 Sacramento, CA 95814  
[susanpeters@saccounty.net](mailto:susanpeters@saccounty.net) (916) 874-5471 [susanpeters@saccounty.net](mailto:susanpeters@saccounty.net)

Carmichael Chamber of Commerce 6825 Fair Oaks Blvd., Suite 100 Carmichael, CA 95608 (916) 481-1002

Sacramento Suburban Water District 916.972.7171. [feedback@sswd.org](mailto:feedback@sswd.org). David Armand; Environmental Compliance Supervisor, Dan York Assistant General Manager

American River Parkway Foundation, [info@arpf.org](mailto:info@arpf.org)

Sacramento River Watershed Program PO Box 9233 Chico, CA 95927 Executive Director, Holly Jorgensen [holly@sacriver.org](mailto:holly@sacriver.org) 530-781-2220

Regional Water Authority 5620 Birdcage Street, Ste 180 Citrus Heights, CA 95610  
(916) 967-7692 John Woodling Executive Director [jwoodling@rwah2o.org](mailto:jwoodling@rwah2o.org)

American River Conservancy 348 Highway 49, Coloma, California. Mailing Address: PO Box 562, Coloma, CA 95613 530-621-1224

Save the American River Association, (SARA) 4441 Auburn Boulevard, Suite H Sacramento, CA 95841  
<http://www.sarariverwatch.org/contact.php>

California Air Pollution Control Officers Association (CAPCOA) Alan Abbs, Executive Director. 1107 Ninth Street, Suite 1005 Sacramento, CA 95814 Phone: 916-441-5700 [alan@capcoa.org](mailto:alan@capcoa.org)

Sac County Stormwater Quality Program; To report illegal discharge: (916) 875-RAIN General Information: (916) 874-6851 Manager Dana Booth, Environmental Program Manager

[boothd@SacCounty.net](mailto:boothd@SacCounty.net); Monitoring Activities Ken Ballard, Environmental Specialist IV  
[ballardk@SacCounty.net](mailto:ballardk@SacCounty.net); Municipal Operations Ken Ballard, Environmental Specialist IV  
[ballardk@SacCounty.net](mailto:ballardk@SacCounty.net); Illegal Discharges Sean Daneluk, Environmental Specialist III  
[daneluks@saccounty.net](mailto:daneluks@saccounty.net)

Starting in November of 2015 I alerted the County about this toxic illegal waste contaminating our land, water, and air. Now it is mid April 2016 and it remains as bad as it was back in November. Please clean up this toxic mess for the sake of the kids and elderly along with our land, water, and air!!!

These are photos of the burned house and all the debris, ash, and residue.

----- Original Message ----- ONLINE FORM

From: [no-reply@wufoo.com](mailto:no-reply@wufoo.com)  
Sent: 2015-11-12 09:21:03.253  
To: [311case@saccounty.net](mailto:311case@saccounty.net)  
Subject: 311 Other Request/Inquiry [#1563]

Request Description \*

toxic waste? A house that burned (and a car) are on Murchison Way in Carmichael near North Ave. The house has no protection around it for the rain, washing toxins from the charred house and car into our waterways-our gutters drain directly into the local waterway. Please have someone look at this right away!

Issue Address Murchison Way Community Carmichael Zip Code 95608 Nearest Cross Streets North  
Your Name Karen O Email [@calrecycle.ca.gov](mailto:@calrecycle.ca.gov)

From: [311case@saccounty.net](mailto:311case@saccounty.net) <[311case@saccounty.net](mailto:311case@saccounty.net)>  
Sent: Thursday, November 12, 2015 9:36 PM  
To: [@hotmail.com](mailto:@hotmail.com)  
Subject: Re: 311 Other Request/Inquiry [#1563]

Good Afternoon, Thank you for submitting your request. Is there any way you can provide us an exact address so we know where to send the officer? I attempted to look for previous reports, or street view of a possible burned house and I wasn't able to identify, once we know we can assign a report to Code Enforcement to respond. You can either respond back to this email or call us 24/7 at (916) 875-4311. Thank you for using Sacramento County's 311 Connect.

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----- Original Message -----

From: [@hotmail.com](mailto:@hotmail.com)  
Sent: 2015-11-13 08:06:03.27  
To: [311case@saccounty.net](mailto:311case@saccounty.net)  
Subject: Re: 311 Other Request/Inquiry [#1563]

here's the article about it. <http://fox40.com/2015/10/17/car-alarm-alerts-family-to-house-fire/> I think the address is 3233 Murchison.

From: [311case@saccounty.net](mailto:311case@saccounty.net) <[311case@saccounty.net](mailto:311case@saccounty.net)>  
Sent: Friday, November 13, 2015 4:25 PM  
To: [@hotmail.com](mailto:@hotmail.com)  
Subject: Re: Re: 311 Other Request/Inquiry [#1563]

Hello Karen, Thank you for that useful information and the address. I have entered a service request for Code Enforcement. Your case number is 31364468. Please refer to this number for any follow up

inquiries. You can track your Service Request at [www.311.saccounty.net](http://www.311.saccounty.net) or by calling us at (916) 875-4311. Thank you for contacting Sacramento County's 311 Connect.

----- Original Message -----

From: [@hotmail.com](mailto:@hotmail.com)  
Sent: 2015-12-06 04:16:03.26  
To: [311case@saccounty.net](mailto:311case@saccounty.net)  
Subject: Re: Re: 311 Other Request/Inquiry [#1563] urgent!!

This house now has ASH and debris all over the front- as soon as it rains all the toxics will wash right into the gutter and into our streams!!! Please take action!

From: [311case@saccounty.net](mailto:311case@saccounty.net) <[311case@saccounty.net](mailto:311case@saccounty.net)>  
Sent: Monday, December 7, 2015 1:20 AM  
To: [@hotmail.com](mailto:@hotmail.com)  
Subject: Re: Re: Re: 311 Other Request/Inquiry [#1563] urgent!!

Hello Karen,

Thank you for your online request. I have entered a service request for the Waste Management . Your case number is 31364468 Please refer to this number for any follow up inquiries. You can track your Service Request at [www.311.saccounty.net](http://www.311.saccounty.net) or by calling us at (916) 875-4311. Thank you for contacting Sacramento County's 311 Connect.



----- Original Message -----

From: [@hotmail.com](mailto:@hotmail.com)  
Sent: 2016-02-15 06:37:03.247  
To: [311case@saccounty.net](mailto:311case@saccounty.net)  
Subject: Re: Re: Re: 311 Other Request/Inquiry [#1563] urgent!!

so now, not only has all the toxics been washing into the gutter and then our waterways, but now I see a leak and water has been running non stop- wasting GALLONS! please have someone go to 3133 and look at this problem asap!

From: [311case@saccounty.net](mailto:311case@saccounty.net) <[311case@saccounty.net](mailto:311case@saccounty.net)>  
Sent: Monday, February 15, 2016 3:11 PM  
To: [@hotmail.com](mailto:@hotmail.com)  
Subject: Re: Re: Re: Re: 311 Other Request/Inquiry [#1563] urgent!!

Good Morning Karen,

Thank you for providing us an update regarding this address. I have contacted Code Enforcement to provide them the information. The water leak issue would need to be addressed by the water provider. I confirmed that is the Sacramento Suburban Water District, I called and provided them the information on your behalf. If you need to contact them further you can reach them at (916) 972-7171. They should have a crew responding out as soon as possible to take a look at the leak. The County stormwater crew should be enroute as well to investigate toxics being washed into the gutter and entering the storm drains. Let us know if you need any further assistance. Thank you for using Sacramento County's 311 Connect.

From: Karen Olson <[@hotmail.com](mailto:@hotmail.com)>  
Sent: Friday, February 19, 2016 7:03 PM  
To: [feedback@sswd.org](mailto:feedback@sswd.org)  
Subject: water waste with toxics in Carmichael

I reported this issue back in NOVEMBER 2015 and it still stands as is with the added massive water waste over the last month at least. I reported it by phone to your agency and still, the water continues to go down the drain. I saw the county placed two erosion control bags in the gutter... what for I have no idea. I attach photos from when I first saw the waste at least a month ago. Now it is much worse. will anyone take action?!!

## NO DIV

From: Annette O'Leary  
Sent: Friday, April 22, 2016 4:01 PM  
To: Sonia  
Subject: RE: Water Matters

Ms.,

We've received your email correspondence and wanted to thank you for your feedback. This information will be passed along to the Board of Directors.

Please let me know if there is anything further I can assist you with.

Annette O'Leary  
Administrative Services Manager

From: Sonia [mailto:[@att.net](mailto:@att.net)]  
Sent: Friday, April 22, 2016 2:24 PM  
To: feedback  
Subject: Water Matters

To The Board of Directors:

I am sick and tired of you incompetents sending us your flyers and brochures attempting to blame residents for the drought.

You need to be sending your warnings and "tips" on how to conserve water to:

THE FACTORY FARMS

THE FRACKING INDUSTRY

NUCLEAR PLANTS

OIL REFINERIES

The above mentioned industries are to blame for this 100 year drought. THEY HAVE CREATED IT. STOP LYING TO THE PEOPLE OF SACRAMENTO. WE ARE NOT DUMB STUPID HOMEOWNERS. WE WATCH FREE SPEECH TV and we are learning the truth about the drought from them.

You are liars just like the rest of corporate media and PG&E and SMUD LYING to homeowners attempting to get in on the solar energy industry.

PG&E and SMUD have been telling people that we need to go through them in order to go solar. You lying scum you want money no matter what.

You don't give a damn what you do to poor struggling homeowners as long as you get your GREEDY POCKETS full, don't you? We've had enough of you Gordon Gekkos. You are all homicidal psychopaths.

Sonia

## DIV 2

From: Rodney Lee  
Sent: Thursday, April 28, 2016 8:09 AM  
To: '@gmail.com'  
Cc: Annette O'Leary  
Subject: Water Theft

Good morning Suzanne, my name is Rodney and I am the Operations Coordinator at Sacramento Suburban Water District. I am sorry you are going through this issue with your water. I have come across this same issue once while I was in the field myself. In that instance, we installed one of our special locking devices over the hose bib that water was being stolen from. We left the home owner with the key so he could remove the device when needed. I believe that home owner did report the theft to the authorities but I'm not sure what the response was. A more drastic measure would be to remove the hose bib temporarily but this could be a major inconvenience to you also. I can send one of our operators by with the locking device and he can explain how it works if you like. Just email or call me and we can start trying to resolve this. By the way, do you happen to know who is doing this? If so, we can have a talk with them and let them know the districts policies on this issue. Ok, hope I've been helpful.

Rodney

Rodney E. Lee  
Field Operations Coordinator

From: Suzanne [mailto:@gmail.com]  
Sent: Wednesday, April 27, 2016 7:26 PM  
To: feedback  
Cc: Suzanne  
Subject: General Comment

Someone is using my front hose bib and hose. Is there any way to stop the water from that main bib only?

Many times I've come home and someone has used the hose. I even found a pair of shoes wet & washed at my hose today.

They moved the shut off valve to the front of the house when they did the water meter in the front yard, and now I can't stop them from using my hose during the day while I'm gone.

I am also very concerned with my safety.

Is this something common? should I call the police about this? Can anything be done?

Suzanne  
N Haven Dr.  
North Highlands, CA 95660

### DIV 3

From: Annette O'Leary  
Sent: Friday, April 29, 2016 7:28 AM  
To: 'Jodi'  
Subject: RE: General Comment

Ms.,

Thank you for your email. We appreciate your efforts towards conservation; its sounds like you are doing an amazing job using water efficiently.

I have removed your address from our mailing list. If I can ask a favor, if you move out of this apartment would you drop me a quick email so I can put this address back into the mailing list I would appreciate it.

Again, thank you very much for your efforts.

Annette OLeary  
Administrative Services Manager

-----Original Message-----

From: Jodi [mailto:[@yahoo.com](mailto:@yahoo.com)]  
Sent: Thursday, April 28, 2016 5:06 PM  
To: feedback  
Subject: General Comment

Sacramento Suburban Water District,

Every month or so you send me a newsletter. Spring 2016, Volume 14 No. 1. That's this months newsletter. Can you please remove me off your list? I try hard to conserve water. I only do laundry once a week. I reuse pasta water and I feed my plants. We don't flush out toilet as often except for when we have guest over. Since I try my hardest to conserve water, can you guys try your hardest to stop sending me these newsletters? They get trashed! Do me a favor and help me to do good things for our environment. I believe in reducing my trash consumption. I've already gotten ride of most of my junk mail. Please, take me off your list!!! Save yourself a tree and some money!!! If I want to know the scoop on my water in Sacramento, I will go to your website. Here is my address for you to remove me off your list:

Palm Ave  
Sacramento, CA 95842

## DIV 5

From: James Arenz  
Sent: Tuesday, May 03, 2016 4:40 PM  
To: '@cityofsacramento.org'  
Subject: RE: Jeremy Moody and his co-worker  
Importance: High

Dear Mrs.,

Mr. York is presently unavailable, so I am responding to your kind words in his stead. I would like to start by saying a sincere "Thank you" as positive feedback is all too often a rare commodity these days. I very much appreciate you taking time out of your busy day to send kind words about Jeremy and our newest employee Joshua (Josh). Jeremy often goes above and beyond to provide District customers with exceptional service, and it is very pleasing to know that Josh has been well coached in providing the same level of customer service and hard work we expect from all District employees. We work diligently to provide our customers with the highest level of customer service and it is very nice to hear that we are hitting our mark. Your kind words will be shared with Jeremy, Josh and their supervisory staff, as well as be included in the next Board Meeting packet under Board Correspondence.

Thank you again,

James Arenz  
Operations Manager

From: Denice [mailto: [@cityofsacramento.org](mailto:@cityofsacramento.org)]  
Sent: Tuesday, May 03, 2016 9:33 AM  
To: feedback  
Subject: Jeremy Moody and his co-worker  
Importance: High

Dear Mr. York,

I am not sure if you are the person to be contacting but since Field Operations falls under your responsibility I am contacting you to let you know about a couple of guys that I believe must work under you. I only know the name of one of the two guys, Jeremy Moody. I want to let you know that Jeremy and his co-worker worked in my backyard at Neptune Way and in the backyard directly behind me on Vesta (I don't know the exact address) beginning last week on April 27, 2016. The Service Request No: 115757. Apparently there was a leak in the water pipes between my house and my neighbor. Anyway these 2 guys worked really hard digging a hole to get to the pipes. They took care of the leak in the pipe and they installed my new water meter. More important than that they were so polite and kept me informed from the beginning through the end. I can't tell you what a positive experience I had in dealing with these two guys and I thought that it was worth letting someone at your company know about them, their hard work, and the great customer service they provided.

Sincerely,

Denice





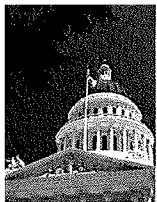
**Agenda Item: 26**  
**General Information**

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# Bills Advance on Water Market, Groundwater Management

Submitted by Lisa Lien-Mager on Wed, 04/13/2016 - 5:24pm



Legislation aimed at creating a centralized online water market platform cleared the Assembly Water, Parks and Wildlife Committee on April 12.

AB 2304 by Assembly Member Marc Levine (D-San Rafael) in its current form would create the California Water Market Exchange within the Natural Resources Agency with responsibility for providing ready access to information about water available for transfer or exchange. The measure passed the committee on a 10-4 vote and next goes to the Assembly Appropriations Committee.

ACWA has a support if amended position on AB 2304 and expects to work with the author and other stakeholders to better align the bill with ACWA's Board-adopted recommendations on water transfers and the voluntary water market.

AB 2304 is one of two bills introduced on the topic the year. AB 1755 by Assembly Member Bill Dodd (D-Napa) in its current form would create a statewide water information system and an online water transfer information clearinghouse. It is scheduled to be heard in the Water Parks and Wildlife Committee on April 19.

On the Senate side, legislation that would require cities and counties to limit permits for new groundwater wells in high- and medium-priority groundwater basins cleared the Senate Natural Resources and Water Committee on a 6-2 vote.

SB 1317 by Sen. Lois Wolk (D-Davis), also known as the Aquifer Protection Act, would require cities and counties overlying high and medium priority basins to apply conditions to permits for new wells by July 1, 2017. Local governments that have enacted their own measures to protect aquifers would be exempt from the requirement—as would wells yielding small amounts of water, or replacement wells.

ACWA opposes the bill because it would interfere prematurely with the Sustainable Groundwater Management Act (SGMA) of 2014, which already provides a process and timelines for local agencies to develop Groundwater Sustainability Plans. Deadlines outlined in SB 1317 are too soon to allow the SGMA process to work properly. In addition, the bill would unnecessarily restrict groundwater management decisions to cities and counties.

The measure next goes to the Senate Governance and Finance Committee.

**<http://www.acwa.com/news/state-legislation/bills-advance-water-market-groundwater-management>**

# State Water Board Releases Draft Regulation on Operating Fees

Submitted by Pamela Martineau on Mon, 04/11/2016 - 4:02pm



## Water Boards

The State Water Resources Control Board on April 8 released a first draft of regulations that will govern the annual operating fees paid by drinking water systems to support the State's Drinking Water Program.

The State Water Board also announced a public workshop on the draft regulations scheduled for Friday, April 15, 2016 from 2 PM to 4 PM in the Sierra Hearing Room at the CalEPA Headquarters Building in Sacramento. The meeting will be webcast through CalEPA.

A workgroup of interested ACWA member agencies has been actively engaged on issues related to potential changes to the annual operating fees. ACWA members with questions or concerns related to the draft regulations should contact Adam W. Robin at [AdamR@acwa.com](mailto:AdamR@acwa.com) or (916) 441-4545.

**<http://www.acwa.com/news/water-rates/state-water-board-releases-draft-regulation-operating-fees>**

# State Water Board Releases New Conservation Standards

Submitted by Pamela Martineau on Thu, 04/07/2016 - 3:42pm



## Water Boards

The State Water Resources Control Board today released new water conservation standards for many urban water suppliers that reflect adjustments and credits of up to eight percentage points.

The new conservation standards are effective March 1 and are authorized by the February 2016 Emergency Regulation for Statewide Urban Water Conservation. The adjustments in the standards are based on supplier-submitted data that the State Water Board received by March 15 from 180 suppliers.

If a supplier did not apply for the in-lieu climate adjustment or the in-lieu climate adjustment was denied, then the default climate adjustment has been applied.

The State Water Board also is seeking input on potential modifications of the current Emergency Regulation for Statewide Urban Water Conservation. An informational workshop is scheduled for April 20 at 1 p.m. The workshop will be webcast and the deadline to submit comments is April 14 by 12 noon. A public notice for the workshop was sent on March 22 and may be downloaded here.

The new standards are available here (look under the heading: *Emergency Regulations Supporting Documents*).

· *New Urban Supplier Conservation Standards - Effective 1 March 2016*. The document identifies conservation standards for all 410 water suppliers, effective March 1, along with each supplier's prior conservation standard.

· *Urban Conservation Standards for Suppliers that Submitted Adjustments by 3/15/2016*.

The document reviews supplier-submitted adjustments (*Summary Table* on pages 1-5, and detailed *Status Table* on pages 6-15).

Please direct questions regarding conservation standard adjustments to Kathy Frevert at (916) 322-5274 or [Kathy.Frevert@waterboards.ca.gov](mailto:Kathy.Frevert@waterboards.ca.gov)

**<http://www.acwa.com/news/conservation/state-water-board-releases-new-conservation-standards>**

# Water Managers Advocate for Changes – or Rescission – of Emergency Conservation Regulation

Submitted by Pamela Martineau on Wed, 04/20/2016 - 4:38pm



## Water Boards

Local water managers from throughout California testified before the State Water Resources Control Board today and advocated for increased local control of conservation efforts based on local supplies, and an easing – or rescission – of the state’s emergency conservation regulation due to improved drought conditions in some areas.

Water managers stressed that in some parts of the state winter rains have significantly eased drought conditions, making it difficult – and indeed perhaps unnecessary – to continue to ask customers to conserve by as much as 36% compared with 2013 levels. Local officials also stressed that districts’ local supplies and highly detailed drought contingency plans – as required by the California Department of Water Resources – should be used as guideposts for water conservation since they address specific local conditions. A stringent statewide emergency conservation regulation may no longer be warranted, several water managers testified.

The testimony was part of a public workshop convened by the State Water Board to gather input on whether the current statewide emergency water conservation regulation – extended in February and in effect through October – should be lifted or altered.

“We need to take this moment and decide do we lift it? Do we ease it? Do we change it?” said Felicia Marcus, chair of the State Water Board.

The workshop was informational only. State Water Board staff indicated they likely will bring a proposal to the May 18 meeting for potential action by the board. The proposal, which could come in the form a resolution with proposed amendments to the existing regulation, likely would be released for public review in early May, according to board staff. If adopted, the proposed amendments would be in effect through October.

ACWA and many of its member agencies are advocating that the State Water Board lift or make adjustments to the statewide conservation standards based on local water supply investments, local conditions and water supply security. In response to comments from ACWA and others earlier this year, the board adopted some limited adjustments in February to the current emergency regulation that take into account local climate, growth and locally developed drought-resilient potable water supplies.

Dave Bolland, special projects manager for ACWA, said ACWA is recommending that the State Water Board rescind the statewide emergency regulation. If the board continues the regulation, ACWA recommends modifications that look at local demand and supply.

Max Gomberg, staff scientist with the State Water Board, opened the workshop by providing an overview of some of the themes water managers have advocated for prior to the workshop. Some of the concerns include: exempting areas with adequate supplies; lifting the regulation where conditions warrant; recognizing past performances in reducing customer demand; tying adjustments to State Water Project allocations; and keeping any consideration for long-term conservation mandates separate from the discussion of the emergency regulation.

Fiona Sanchez, conservation manager with the Irvine Ranch Water District, testified during the workshop's first panel that local agencies should be the ones to recommend modifications to demand based on local evaluations of supply. Devon Upadhyay, of Metropolitan Water District of Southern California, said that reservoir levels in some parts of the state are at levels not seen since 2011.

“It doesn’t feel like an emergency anymore,” said Upadhyay.

Upadhyay also advocated for a “framework that looks at the investments an agency is making.”

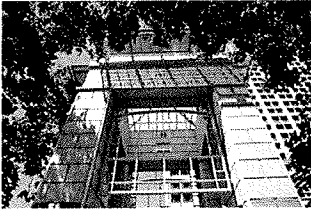
Several speakers said existing drought contingency plans are adequate in moving districts to strict conservation when needed locally. Board Member Fran Spivey Weber replied that the lack of defined “triggers” that move an agency to use their drought plans is a problem.

Chair Marcus stated during the hearing that the board wanted to “acknowledge the amazing job water districts and the public did” in meeting conservation targets.

**<http://www.acwa.com/news/water-supply-challenges/water-managers-advocate-changes-%E2%80%93-or-rescission-%E2%80%93-emergency-conservatio>**

# Emergency Conservation Mandate No Longer Warranted, ACWA Says in Comment Letter

Submitted by Lisa Lien-Mager on Thu, 04/14/2016 - 2:28pm



Citing significantly improved water supply conditions, ACWA is recommending that the State Water Resources Control Board rescind its emergency conservation regulation in favor of continued voluntary water use reductions statewide.

In comments submitted to the State Water Board on April 14, ACWA noted that improved snowpack conditions, reservoir storage and projected surface water deliveries for much of the state no longer warrant extraordinary emergency conservation mandates statewide. Diverse and extensive water supply investments by local water agencies also are contributing to improved water supply availability.

ACWA does support a state call for voluntary conservation and continuation of various prohibitions on water waste as a precaution against a possible return to dry conditions next winter and re-emergence of a drought crisis.

“ACWA believes it is time to end the State Water Board’s mandatory water use restrictions statewide,” ACWA said in its comment letter. “Continuing to ask Californians to sustain heroic water conservation efforts that are disproportionate to actual water supply conditions will undermine the credibility of the Administration and California’s public water agencies and may make it much harder to generate the required response should emergency conditions re-emerge in the future.”

The State Water Board has solicited comments on possible adjustments to an extended emergency conservation regulation adopted Feb. 2. The regulation extends mandatory statewide restrictions on urban water use through October 2016, but also calls for State Water Board staff to report back on possible modifications once more complete water supply information is available in April.

A public workshop will be held April 20 in Sacramento to receive input. Written comment letters were due April 14.

ACWA stated in its comment letter that if the State Water Board determines that some form of mandated emergency water use restrictions must be retained through October, the association recommends several options for restructuring the regulation.

**<http://www.acwa.com/news/water-supply-challenges/emergency-conservation-mandate-no-longer-warranted-acwa-says-comment-le>**

# **Poll Shows Californians Plan to Use Less Water After Drought Ends**

Submitted by Emily Allshouse on Thu, 04/14/2016 - 9:59am

The latest Field Poll shows an overwhelming majority of Californians plan to continue using less water both indoors and outdoors even after the current drought is over.

The poll, conducted March 24 to April 3, in partnership with the Save Our Water program, found that while public perceptions about the seriousness of the state's water shortage have eased since the last poll in October, the level of concern remains higher than it was in the midst of another major drought in 1977. Even after a winter of near average precipitation, 62% of registered voters continue to see the water shortage as extremely serious. Fully 74% of voters said it is important for residents to continue reducing water use both inside and outside their homes, while nearly nine in 10 voters (86%) said they plan to continue doing so on a permanent basis even after the drought ends.

About half (52%) of voters also said replacing toilets and appliances with water-efficient models was "very important," while fewer voters (45%) ranked turf removal and permanent landscapes changes as "very important." However, a majority of voters (59%) say local water district rebates for high efficiency toilets and appliances or turf removal are "very important" when making these types of upgrades. The polling also reveals some regional variations. Other findings from the polling include:

- A slightly higher percentage (87%) of Southern California residents plan to permanently reduce water usage even after the drought is over, while 84% of Northern California and Central Valley residents also plan to make permanent water use reductions.
- While a majority of voters in all major regions of the state say they've been affected by the current water shortage, a somewhat larger proportion of Central Valley voters (64%) report this.
- A slightly higher percentage (56%) of Northern California voters identified replacing toilets and appliances with water efficient models as "very important" for reducing water use. Similarly, more (52%) Northern California voters said permanent landscape changes were also "very important."

"Even though winter storms have eased drought conditions in some parts of the state, water conservation remains an important priority for Californians," Field Poll Director Mark DiCamillo said. "This prolonged drought has started to change the way Californians look at their water usage – whether the state is in drought or not." ACWA Deputy Executive Director for External Affairs and Member Services Jennifer Persike said the poll findings show the public understands the importance of saving water on an ongoing basis.

"Conserving through four years of drought has changed the way Californians think about water," Persike said. "They get it, and they are making permanent changes to keep saving water."

**<http://www.acwa.com/news/conservation/poll-shows-californians-plan-use-less-water-after-drought-ends>**



# State Water Board to Initiate Rulemaking on Drinking Water Fees

Submitted by Pamela Martineau on Wed, 04/27/2016 - 3:43pm



The State Water Resources Control Board is set to initiate a formal rulemaking process April 29 on draft regulations for annual public water system operating fees.

The draft regulations are aimed at increasing total funding for the state's Drinking Water Program and providing the State Water Board more flexibility to address priority drinking water issues.

While the Drinking Water Program is critical and clearly needs adequate funding, ACWA is concerned that the proposed fee structure would increase annual fees by up to 1,000% for some water systems. ACWA voiced strong concerns at a workshop on the proposed regulations April 15, and has begun meeting with State Water Board members on the issue.

ACWA is actively working with an ACWA Drinking Water Fees Work Group to develop a response to the State Water Board's proposed fee structure. ACWA also intends to prepare a formal comment letter on the draft regulations and actively participate in an upcoming board workshop and meeting. (See timeline below). In addition, ACWA plans to prepare resources such as an FAQ to assist member agencies.

These materials will be available in the coming weeks. Watch for additional communication from ACWA via Outreach Alert.

## Background

A state budget trailer bill enacted last year modified the State Water Board's authority to impose annual operating fees on public water systems to support the state's Drinking Water Program. The trailer bill, SB 83, eliminated the "fee-for-service" model under which fees for large water systems had been imposed since 2001. Consistent with the new general authority provided by SB 83, the State Water Board's draft regulations establish a fee structure based on each water system's total number of connections, with the expressed goal of creating a more stable and consistent source of funding for the program.

Due to ACWA's legislative advocacy last year, SB 83 preserved some important safeguards for water systems, including a cap on the total amount of fees that can be collected for fiscal year 2016-'17 and a cap on the annual drinking water fee increases in subsequent years. It also required the State Water Board

to adopt the first revisions to its fee structure through the full Administrative Procedure Act rulemaking process instead of through emergency regulation as initially proposed.

ACWA has participated in a series of stakeholder meetings and workshops to provide input on revisions to the fee structure. In general, ACWA agrees that the Drinking Water Program must be adequately funded. But any changes to the fee structure must ensure that all water systems receive an appropriate level of service in a timely fashion, provide for an accounting of State Water Board staff time and resource allocations, and preserve “fee payer equity.” Since large water systems typically require less assistance from the program on a connection basis – and State Water Board has indicated it will devote more time to smaller systems that experience more problems – ACWA believes the revised fee structure should reflect this difference. At the same time, the structure must be fair to small- and medium-size water systems.

The process timeline is as follows:

April 29 – State Water Board submits draft regulations, initiates formal rulemaking and 45-day public comment period

June 22 – Public comments due; State Water Board holds workshop in Sacramento

Sept. 6 – State Water Board adopts fee structure regulations

Late 2016 / early 2017 – Invoices sent to public water systems for fiscal year 2016-'17 drinking water fees

**<http://www.acwa.com/news/state-budget-fees/state-water-board-initiate-rulemaking-drinking-water-fees>**

## **Southern California water agency signs \$175 million deal to buy Delta islands**

Water District of Southern California says it's buying a cluster of islands in the Sacramento-San Joaquin Delta to perhaps use as habitat or a staging ground for construction of new water tunnels proposed by Gov. Jerry Brown. Delta landowners have expressed fears the giant water district will use its Delta landholdings to extract more water for Southern California. Dale Kasler The Sacramento Bee

Webb Tract, left, sits across from Bradford Island in the heart of the Sacramento-San Joaquin Delta. Webb is one of five islands being purchased by the Metropolitan Water District of Southern California. Manny Crisostomo Sacramento Bee file

Weak local rainfall this spring and summer in Southern California show why California's drought is far from over. Ryan Sabalow The Sacramento Bee

The Metropolitan Water District of Southern California is spending \$175 million to buy five islands in the Sacramento-San Joaquin Delta. Residents say they're concerned. Ryan Sabalow The Sacramento Bee

The Metropolitan Water District of Southern California is spending \$175 million to buy five islands in the Sacramento-San Joaquin Delta. Residents say they're concerned. Ryan Sabalow The Sacramento Bee  
By Dale Kasler and Ryan Sabalow

Already viewed with suspicion and hostility in the north state water community, the powerful Metropolitan Water District of Southern California is broadening its reach by purchasing \$175 million worth of real estate in the very hub of California's water delivery network: the Sacramento-San Joaquin Delta.

Metropolitan said Monday it has signed a 103-page contract to buy five agricultural Delta islands from Delta Wetlands Properties, a company controlled by Swiss financial services conglomerate Zurich Insurance Group. It represents the most concrete step to date in a controversial deal that has been in the works since fall.

The purchase, which has been approved by Metropolitan's board of directors, will give the agency a vital asset in the ongoing skirmishes over California's water as the state struggles to emerge from a four-year drought. The Delta is the estuary through which the State Water Project and the federal government's Central Valley Project pump billions of gallons of Sacramento Valley water each year to the farmlands of the San Joaquin Valley and the urban residents of Southern California.

Metropolitan has parachuted into enemy territory. Despite denials from Metropolitan, Delta interests have said the south state agency would use the property to execute a "water grab." George Hartmann, a lawyer for Delta landowners, said he's prepared to sue if Metropolitan doesn't honor a slew of land-use restrictions approved by Zurich in 2013.

"It may not be comfortable to have your opponent owning the land next door, but that's what it is," Hartmann said.

Even as it's agreed to make such a hefty investment, Metropolitan still hasn't finalized its plans for the islands, said Steve Arakawa, the agency's director of Bay Delta initiatives. It might use at least one of the islands to store dirt and construction equipment for California WaterFix, Gov. Jerry Brown's controversial \$15.5 billion plan to re-engineer the Delta's plumbing system by building a pair of underground tunnels. Metropolitan is a leading proponent of the tunnels, which are designed to improve the flow of water to the south state.

"We have some good business concepts," Arakawa said.

The big Southern California agency also is formulating plans to restore some of the islands' wildlife habitat, on the theory that anything that helps the Delta's ragged ecosystem will improve the lives of the estuary's fish and enable the pump operators to ship water more reliably. "Enlightened self interest," is how Metropolitan General Manager Jeff Kightlinger has described it.

Whatever Metropolitan's intentions, the land purchase isn't sitting well with some Delta landowners and Northern California officials, many of whom fear the agency will use the properties to help itself to more water from the Sacramento Valley.

With a \$1.8 billion annual budget, Metropolitan has shown the knack for procuring water from all corners of the state. Since 2005 Metropolitan has spent millions of dollars a year paying farmers in the Palo Verde Valley, near the Arizona border, to fallow their land and ship Colorado River water they control to Metropolitan. Rural Californians often invoke the city of Los Angeles' ability to wrestle water away from the Owens Valley in 1913, a move that was fictionalized in the movie "Chinatown."

For their part, Delta residents already blame Metropolitan for many of the Delta's environmental ills, including the alarming drop in fish population, and are skeptical about having the Los Angeles agency owning land in the neighborhood.

"Met is one of the actors that's responsible for the current destruction and degradation of the Delta ecosystem, through too many years of pumping," said Hartmann. "They've killed a lot of fish....They claim to care about the Delta, but I don't see how they can get anybody to believe that."

The suspicions ran deep at Rosa's at Tower Park, a riverside pizzeria near Bouldin Island, one of the properties being purchased. Melvin Love, who lives on a houseboat nearby, said he worries about the possibility of more water moving south.

"I think the water should stay with the land, it shouldn't be shipped out," he said.

Hartmann said he would try to block the deal if Metropolitan doesn't explicitly agree to honor a lengthy series of legal settlements Zurich Insurance made in 2013 with San Joaquin County and a host of landowner groups in the Delta. There's no such agreement in Metropolitan's purchase contract, he said.

Zurich bought Delta Wetlands 20 years ago with the notion of converting the islands, some of which sit below sea level, into giant reservoirs that would store water in wet years and ship it to Southern California when supplies run low. The plan fizzled amid opposition from neighboring Delta landowners and elected officials, and the properties have remained agricultural.

Metropolitan officials said they won't use the islands as reservoirs. Because of that, the agency believes it isn't governed by the 2013 settlements made by Zurich, according to Arakawa.

The 2013 settlement put limits on how the Delta islands can be used. Among other things, Hartmann said, the settlement might prohibit Metropolitan from storing "hundreds of thousands and millions of cubic feet" of soil that would get excavated in order to build Brown's tunnels.

The tunnels would divert a big portion of the Sacramento River's flow near Courtland and send it about 40 miles south to the state and federal pumping stations near Tracy. Brown administration officials said the diversion would remedy one of the major problems caused by the pumps: They are so powerful they literally can reverse the natural flow in a crucial part of the Delta, killing fish by drawing them toward predators and into the pumps themselves.

Fish problems, and other woes, occasionally force the pumps to reduce or shut down operations. The pumps have been throttled back again in recent weeks to safeguard the Delta smelt, steelhead and other species, to the considerable irritation of water agencies south of the Delta.

The Delta tunnels plan has sparked protests from Delta landowners and Northern California elected officials. The project appeared to hit another hiccup Monday. The U.S. Interior Department's inspector general said it will "conduct a review" into allegations lodged by a group called Public Employees for Environmental Responsibility, which contends the state and federal governments improperly diverted millions of dollars from a habitat restoration project and used the money for environmental studies on the tunnels.

Spokesmen for the federal Bureau of Reclamation and the California Natural Resources Agency said they will cooperate with the review, but declined further comment.

The five islands Metropolitan is buying— Bouldin, Bacon Island, Webb Tract, most of Holland Tract and a small slice of Chipps Island – cover a total of 20,000 acres in San Joaquin, Contra Costa and Solano counties.

Metropolitan previously discussed buying the islands in partnership with a group of agricultural water agencies at the southern end of the San Joaquin Valley. Kightlinger said recently that Metropolitan continues to talk with those agencies, but the purchase agreement released Monday lists only Metropolitan as the purchaser.

**<http://www.sacbee.com/news/state/california/water-and-drought/delta/article71155097.html>**

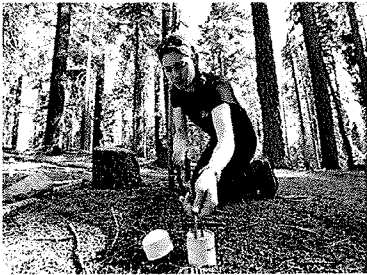
## Losing snow in a changing climate

Among firs and cedars high in the Sierra Nevada, scientists are using an array of instruments to monitor the health of the forest, measure the snowpack and track the water that melts and seeps into the soil.

As they collect data, they're taking snapshots of a landscape in the midst of major changes.

When Erin Stacy checked the instruments last month at one of the research stations she manages in the Sierra National Forest, her boots crunched through snow that blanketed meadows and lay in patches among the trees. But the snow was melting early near the end of a record-warm winter. And in the future, there's likely to be much less snow, if any, on the ground here.

Already, as the winters have grown warmer, the snow has been melting earlier after storms pass. It's just the beginning of a shift that is projected to dramatically shrink the snowpack in the mountains as global warming intensifies.



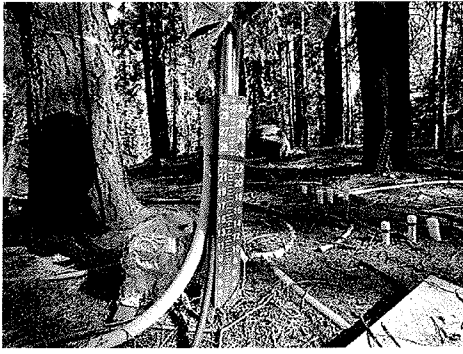
Erin Stacy, a scientist with the Sierra Nevada Research Institute at the University of California, Merced, manages research sites where instruments record information about the snowpack, water and the ecology of the forest.

(Photo: Jay Calderon/The Desert Sun)

“We’re going to get a smaller snowpack. It’s going to melt out earlier and it might melt out more times during the winter, and that has some pretty big implications for people downstream – all of our water users downstream,” Stacy said, standing beside a sensor that measures snow depth. “The snowpack acts as a reservoir for us, and if we don’t have that reservoir, then we need to find some way to store more water or to use less water.”

Across the continental United States, measurements from sensors since the 1950s show that the average snowpack has been decreasing in most areas as temperatures have risen. Precipitation that used to fall as snow is increasingly falling as rain. Snowlines in the mountains have begun creeping upward. And scientists have estimated that for each 1 degree Fahrenheit of warming in mountain regions, the snowpack could retreat upslope by a distance of roughly 300 feet in elevation.

The impacts are expected to vary by location. But across the mountains of the West, the snowpack is already melting about a week earlier on average as compared to the mid-20th century.



The ground was bare beneath one snow gauge at a research site in the Sierra National Forest in early March.

(Photo: Jay Calderon/The Desert Sun)

The decreases in snow and the earlier runoff pose especially critical challenges for western states, where many areas rely heavily on snowmelt for water supplies and where the demands of growing populations, agriculture and industries are already draining rivers and depleting aquifers.

As the planet heats up, the changing climate is projected not only to shrink the snow and melt the glaciers, but also to unleash more extreme weather ranging from floods to longer-lasting and more intense droughts. The severe drought that has ravaged California for more than four years has coincided with record heat, and it appears to offer a preview of what the hotter droughts of the future will look like.

“It’s pretty dire. I think we need to start moving pretty quickly, whether that’s water conservation or even just more conversations about it,” said Stacy, a scientist with the Sierra Nevada Research Institute at the University of California, Merced. “We’re going to have to figure out how to deal with water downstream differently.”

Just how radically water supplies are altered will depend in part on whether the world takes significant steps to slow emissions of carbon dioxide and other planet-warming pollutants. But even if the world successfully limits warming to the goal of 2 degrees Celsius set last year in Paris – a target that appears increasingly difficult to achieve – snowpack-dependent regions from the Pacific Northwest to the Colorado River basin could still be hit hard.



As the planet warms, the average snowpack is shrinking in the mountains. That poses challenges for water supplies downstream. Jay Calderon/The Desert Sun

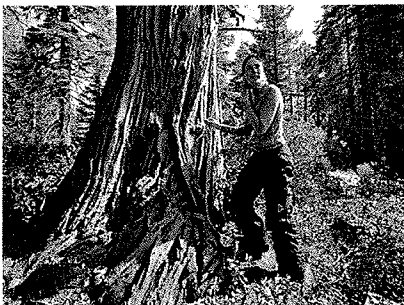
In order to face that threat, there have been growing calls by academics, conservation advocates and policymakers to rethink how water is used and managed, and to adopt a lineup of strategies to prepare and adapt.

The list of ideas is long: capturing more stormwater during floods; using more surface water to recharge depleted aquifers; treating and reusing more wastewater; cleaning up contaminated groundwater; improving efficiency on farms and in cities; and adopting policies that encourage conservation, among other things.

No single strategy is likely to be enough on its own. Many government officials in charge of water management in places from California to Washington, D.C., have lined up behind what they've called an "all-of-the-above" approach. They say that making water systems more resilient is achievable with intelligent planning, and that steps are underway to adapt.

Questions about how global warming will affect water supplies have become an active focus of scientific research. Many scientists agree that the scale of the water challenges, especially in the West, is monumental, and that each area will need to develop its own local solutions to stretch water supplies further.

In a 2014 study, researchers at the University of Idaho examined likely shifts in the rain-snow transition zone across the western United States. They projected declines in the areas where snow falls in the wintertime of between 24 percent and 53 percent by mid-century.



Melissa Thaw, a doctoral student at the University of California, Merced, is studying how water moves through the soil and where trees and shrubs are taking up water in the Sierra National Forest. She is focusing on the transition zone between rainfall and snow, which will be pushed higher into the mountains as the climate warms.

(Photo: Jay Calderon/The Desert Sun)

The changes in the timing of runoff are projected to be drastic. And as temperatures rise, more of the snow and rain that falls will evaporate instead of running off. Scientists expect those changes to shrink the average flows of streams and rivers.



At the research site in the Sierra Nevada, located more than 6,000 feet up in the mountains northeast of Fresno, Stacy was at work along with doctoral student Melissa Thaw, who was collecting water samples from the soil beneath a large incense cedar.

Her research involves using isotope “signatures” in the water to track how it moves through the soil and where trees and shrubs are taking up water. Thaw is interested in learning more about how climate change will affect the water and the ecology of the forest, and she is focusing on the transition zone between rainfall and snow.

As the climate warms, it will push this transition zone higher into the mountains, moving the snowline upslope. Thaw said that points to a need to anticipate the effects on water supplies, while also taking steps to slow global warming.

“The mountains are the world’s water towers, so when the water can be held up in the Sierra Nevada later in the year, we have a longer amount of time where we have runoff coming down into the reservoirs,” she said, standing among boulders and snow-covered manzanita bushes.

“I think being aware that these water resources are changing pretty fast and that they’re limited is important,” she said. As for the scale of the threats posed by climate change, she said: “It’s super important, and I don’t think people are doing enough.”

**<http://www.desertsun.com/story/news/environment/2016/04/14/climate-change-snowpack-water-supplies/82631192/>**

# Too many water straws in the ground

By Alex Breitler  
Record Staff Writer

Posted Apr. 19, 2016 at 4:35 PM  
Updated Apr 19, 2016 at 9:21 PM

Where's the water?

Somebody's got to ask that question, state Sen. Lois Wolk says, before even more new wells can be drilled in California.

Never one to shy away from controversial water policy, Wolk, a Davis Democrat whose district formerly included Stockton, is pushing a bill that would require local agencies to place conditions on new well construction — in some cases, at least.

The state is already implementing new laws regulating the use of precious groundwater for the first time in California, but it will be decades before all regions of the state are required to reach sustainable levels of use.

Wolk's bill, which passed out of committee last week, is intended to speed up compliance.

"There's been a tremendous increase in the number of wells being dug," she told The Record last week. "In counties where you know you have a groundwater problem, it's important for the board of supervisors to set up some kind of process that governs how many straws can be put into the ground."

Bad idea, farmers and local government agencies say. Bruce Blodgett, head of the San Joaquin Farm Bureau Federation, said the bill could make it more difficult for farmers to drill a new well during emergency drought conditions.

"Somebody's orchard and vineyard could be lost while wading through a permit process," Blodgett said. "It's not going to work."

In a letter to Wolk, San Joaquin County officials called the bill "unconstitutional" because it could stop landowners from "making reasonable use of underlying groundwater."

The county already is using less groundwater after building \$700 million worth of infrastructure to take more water from rivers. In some urban areas, groundwater levels are actually rising as a result, officials have said.

And while portions of the San Joaquin Valley have seen the surface of the land drop by a foot or more in recent years because so much groundwater has been pumped to the surface, land subsidence in San Joaquin County is nowhere near that extreme, officials have said.

Yet San Joaquin County's groundwater is still considered to be “critically over-drafted” by state officials, and for that reason would be subject to the strictest terms in Wolk’s bill.

The bill actually prohibits agencies from issuing permits for some new wells in areas with critical overdraft, though cities or counties can avoid that by putting in place an ordinance that will impose their own conditions on property owners in determining whether there is water available, Wolk said.

“It’s up to the local boards of supervisors to oversee that and to ask the question,” she said.

San Joaquin County's Environmental Health Department issues permits for new well construction already, but is not authorized to evaluate how those wells might affect the groundwater basin, a spokesman said.

Replacement wells that do not draw any additional water are exempted from Wolk's bill, as are small domestic wells that draw no more than 2 acre feet of water per year.

Wolk’s legislation, Senate Bill 1317, is scheduled to be heard again today in the Senate Governance and Finance Committee.

**<http://www.recordnet.com/article/20160419/NEWS/160419661>**

## Where does groundwater recharge take place? Studies underway to find out



Butte Creek, now being being studied as a possible source for groundwater recharge, is seen near the intersection of Highway 99, with low water on Sept. 5, 2014. Heather Hacking — Enterprise-Record file photo

By Heather Hacking, Chico Enterprise-Record

Posted: 04/20/16, 3:28 PM PDT

Oroville >> Knowing where groundwater is located and how it gets there is powerful information. For starters, land use planners would love to know where recharge takes place so these areas will not be covered with pavement.

However understanding all that happens under the ground is a complicated business.

To learn more, Butte County has been involved in a series of groundwater studies.

The latest is a \$135,000 project being conducted by the Davis consulting firm Brown and Caldwell. Results from the two-year study should be released in about a year. The Butte County Water Commission was given an update on the study at the most recent meeting of the county's water leaders.

Findings from the study so far indicated that recharge for wells in the southeastern parts of Butte County comes from rain that falls at low elevation, such as on the valley floor.

It makes sense that the Sacramento River adds to groundwater recharge, and early studies show this may be the case in Colusa and Glenn counties and western Butte County.

Some of this information is only preliminary, Brown and Caldwell project manager Jeff Bold said during his presentation to the Water Commission.

Over the past year, the consultants have put together a plan for more water data collection. This will include extensive water collection and analysis taking place this month and through January 2017. The plan is for a report to be handed to the county in June of next year.

The science behind the work includes analysis of the water itself, specifically tracking stable isotopes. Isotopes are elements with a different number of neutrons than normal. For example, the overwhelming majority of oxygen atoms in water have 8 neutrons and 8 protons, for an atomic mass of 16.

However, a very small percentage of oxygen atoms have 10 neutrons and 8 protons, for an atomic mass of 18. Researchers can also spot the small percentage of Hydrogen atoms that have two neutrons instead of one.

These “heavier” atoms create heavier water molecules, which changes how the water is distributed in rainfall or during evaporation, for example.

When water vapor is formed near the ocean and moves inland, it will contain heavier and lighter water molecules. The heavier molecules tend to fall closer to the coast and at lower elevations, where temperatures are warmer. When scientists study the percentage of these heavier molecules in groundwater, they have more clues as to where the water fell to the ground.

Read more details about this science in the “background” section of the Brown and Caldwell report, <http://tinyurl.com/hr3cy8p>.

The most recent study builds upon a previous \$2.9 million study financed through Proposition 50 funds. This previous research determined the foothill area east of the Sacramento Valley is not a significant source of groundwater recharge, as had been hypothesized previously.

Part of the work in this most recent study will be to determine whether Butte Creek is a significant source of groundwater recharge. Looking at isotopes will be helpful, because they may show how much of the water comes from rain versus snowmelt.

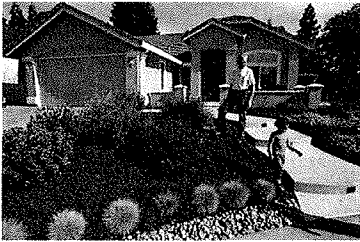
**<http://www.orovillemr.com/general-news/20160420/where-does-groundwater-recharge-take-place-studies-underway-to-find-out>**

# State should give Sacramento region a break on water conservation

By Rob Roscoe



While drought may not be over, emergency has ended for area, residents have cut water use and agencies have improved efficiency keeping emergency restrictions risks credibility of state and local officials



Families like this one in Roseville have cut their water use by more than 80 percent by replacing lawns with drought-resistant plants. Randall Benton Sacramento Bee file

Water providers from throughout the Sacramento region will urge the State Water Resources Control Board on Wednesday to release their customers from emergency conservation targets as local water supplies recover from drought.

In their place, we will continue local programs to encourage ongoing improvements in water efficiency.

Many have expressed strong opinions that California's drought is not over, but they haven't offered a clear way to know when it is. While the drought may not be at an end everywhere in the state, any reasonable measure would suggest that the emergency has fully abated for the Sacramento region.

The region was among the first affected by the drought in late 2013. As Folsom Lake dropped to historic lows, local suppliers pledged to reduce water use by 20 percent, before the governor declared a drought emergency. Local residents reduced water use by 19 percent in 2014 while other parts of the state lagged. The region cut water use 31 percent from June 2015 to February 2016, contributing to the mandatory statewide 25 percent goal.

Now, Folsom Lake is well above average, as are Shasta and Oroville. Flood releases coursed down the American River through much of March, significant snowpack remains in the Sierra and local groundwater basins are refilling.

Since the Sacramento region is among the first to recover, it makes sense for the water board to ease mandatory conservation here first as well, eliminating enforced rationing for areas with ample water supplies.

Continuing emergency conservation in the region will not help the environment or others in the state. Federal and state restrictions virtually preclude transferring conserved water to those who need it south of the Sacramento-San Joaquin Delta during much of the year.

Keeping emergency restrictions during a non-emergency risks great harm to the credibility of the state water board and local water providers, making it less likely that customers will make the same sacrifices during the next drought.

We recognize the challenge the board faces and appreciate its leadership in permanently changing how Californians use water. But it's time for the board to release this region from the emergency conservation measures that will erode public goodwill and distract from the hard work ahead – to build on the momentum for water efficiency and continue the decline in water use that started more than a decade ago.

It's time for Northern California to look beyond the drought and focus on continuing reductions in long-term water use and continuing investments in supply reliability to carry us through the next drought and beyond.

Rob Roscoe is general manager of the Sacramento Suburban Water District and a member of the Regional Water Authority executive committee. He can be contacted at [rroscoe@sswd.org](mailto:rroscoe@sswd.org).

<http://www.sacbee.com/opinion/op-ed/soapbox/article72689442.html>