

Agenda
Sacramento Suburban Water District
Regular Board Meeting

3701 Marconi Avenue, Suite 100
Sacramento, California 95821

Monday, April 20, 2015
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.

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 March 16, 2015 Regular Board Meeting
Recommendation: Approve subject minutes.

2. Improvement Standards and Technical Specifications Policy (PL - Eng 001)
Recommendation: Adopt subject policy.

Items for Discussion and Action

3. 2014 Comprehensive Annual Financial Report and Annual Audit
Receive report from outside auditor and consider accepting the District's annual report and related documents.
4. Contract for Legal Counsel – Water Rights Review of San Juan Water District Water Rights and Contracts
Consider approving contract for review of SJWD water rights.
5. Project Agreements with RWA for Grant Management Services for 2014 USBR CalFed Meter Grant Project and 2014 USBR WaterSMART Meter Grant Project
Consider entering into subject agreement with RWA.
6. Resolution No. 15-04 Accepting Grant of Easement and Right of Way for 2163 Fulton Avenue
Consider adopting subject resolution to receive an easement and right of way for the subject site.
7. Resolution No. 15-05 Accepting Grant of Easement and Right of Way for 2600 Fulton Avenue
Consider adopting subject resolution to receive an easement and right of way for the subject site.
8. Water Meter Asset Management Plan Update
Receive updated plan and direct staff as appropriate.
9. California Special Districts Association Call for Nominations – Board of Directors, Sierra Network, Seat A
Consider nominating a Director for the CSDA Board of Directors, Seat A.
10. Resolution No. 15-06 Amending Regulation No. 15 of the Regulations Governing Water Service
Consider a resolution amending Regulation No. 15 of the District's Regulations Governing Water Service.
11. 2015 Water Conservation Stage Declaration
Consider declaring a Stage 3 – Water Crisis Water Supply year.

Information Items

12. District Activity Reports
 - a. Water Operations and Exceptions Report
 - b. Customer Service Report
 - c. Water Conservation and Regional Water Efficiency Program Report
 - d. Community Outreach Report
13. Engineering Report
 - a. Major Capital Improvement Projects
 - b. County and City Projects/Coordination
 - c. McClellan Business Park
 - d. Developer Projects
 - e. Other
14. Financial Report
 - a. Financial Statements – March 2015
 - b. Financial Activity – March 2015
 - c. Investments Outstanding and Activity – March 2015
 - d. Cash Expenditures – March 2015
 - e. Credit Card Expenditures – March 2015
 - f. Directors Compensation and Expense Accounting – Through February 2015
 - g. Market Report Yields – January 2010 through March 2015
 - h. District Reserve Balances – March 2015
 - i. Information Required by Bond Agreement

15. Upcoming Policy Review – Legislative Response Policy (PL - Adm 004)
16. Upcoming Policy Review – Employee Compensation Policy (PL - HR 002)
17. Upcoming Policy Review – Electronic Mail, Internet and Computer Use Policy (PL - IT 005)
18. Letter Of Credit Extension with Sumitomo Mitsui Banking Corporation Update
19. Financial Markets Quarterly Report
20. Year-to-Date Interest Expense Quarterly Report
21. Human Resources Quarterly Report
22. CIP Projects Quarterly Report
23. Proposition 84 Drought Grant for Enterprise Intertie Improvements - Update
24. Aerojet Rocketdyne – Notification of Groundwater Sampling Results and Proposed Response for New Monitoring Wells
25. 2015 Water Conservation Rebate Menu Program
26. Sacramento Metropolitan Air Quality Management District – Notice of Violation
27. CAL-Fire Operations at McClellan Business Park
28. 2736 Auburn Boulevard – Appraisal of District Property Update
29. Candidates for Election to the Executive Committee of the Association of California Water Agencies Joint Powers Insurance Authority (ACWA/JPIA)
30. 2014 Leak Detection Survey Report
31. Status of Phase 2A Reorganization Study
32. Report Back Items – General Manager’s Report
33. Legislative and Regulatory Update

General Counsel’s Report

34. A confidential written report regarding the status of the municipal derivatives litigation and municipal bond insurance litigation will be provided to the Directors.

Committee Reports

- 35. a. Facilities and Operations Committee (Director Wichert)
Notes from March 30, 2015 meeting and Agenda from April 20, 2015 meeting.
- b. Finance and Audit Committee (Director Locke)
Notes from the March 30, 2015 meeting.
- c. Government Affairs Committee (Director Wichert)
No report.
- d. 2x2 Water Management Ad Hoc Committee (Director Schild)
See separate agenda item – Status of Phase 2A Reorganization Study.
- e. Ad Hoc Water Banking and Transfer Committee (Director Locke)
No report.
- f. Ad Hoc Water Rights Review Committee (Director Schild)
Notes from March 24, 2015 meeting and March 31, 2015 meeting.

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

- 36. a. Regional Water Authority (Director Thomas)
No report.

Regional Water Authority Executive Committee (General Manager Roscoe)
Agenda from March 25, 2015 meeting.
- b. Sacramento Groundwater Authority (Director Schild)
Agenda from April 9, 2015 meeting.
- c. Water Forum Successor Effort (General Manager Roscoe)
Agenda from March 17, 2015 Water Forum Dry Year Conference.
- d. San Juan Water District Executive Committee (Assistant General Manager York)
No report.
- e. Other Reports

Miscellaneous Correspondence and General Information

- 37. Correspondence received by the District
- 38. 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)

- 39. Public employee performance evaluation involving the General Manager under Government Code section 54954.5(e) and 54957.
- 40. Conference with Board negotiating committee (including Directors Gayle and Schild) involving the General Manager under Government Code sections 54954.5(f) and 54957.6.

Adjournment

Upcoming Meetings

- Monday, May 18, 2015 at 6:30 p.m., Regular Board Meeting
- Monday, June 15, 2015 at 6:30 p.m., Regular Board Meeting
- Monday, July 20, 2015 at 6:30 p.m., Regular Board Meeting

I certify that the foregoing agenda for the April 20, 2015 meeting of the Sacramento Suburban Water District Board of Directors was posted by April 16, 2015 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.

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



Agenda Item: 12

Date: April 20, 2015

Subject: District Activity Report

Staff Contact: Dan York, Assistant General Manager

Described below are significant District Activities and milestones over the past month. The report is separated into the following sections: Water Operations and Exception Report, Customer Service Report, Water Conservation and Regional Water Efficiency Program Report, and Community Outreach Report.

a. Water Operations And Exceptions Report

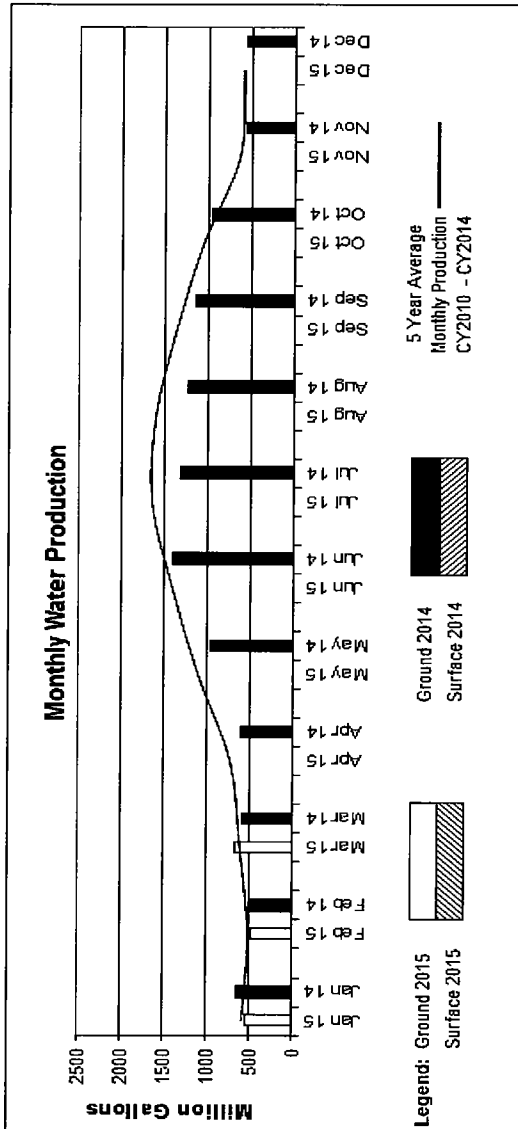
- i. Monthly Water Production – Exhibit WO-1**
This indicates the amount of water produced, both ground and surface water, in the District’s North Service Area (McClellan Business Park, The Arbors at Antelope, and portions of North Highlands, Antelope, Carmichael, and Citrus Heights) and South Service Area (Portions of Arden Arcade, Carmichael, and City of Sacramento) for Calendar Year 2014 and 2015. Due to the continuing drought conditions, surface water supplies are currently unavailable in both the North and South Service Areas; therefore, the District continues to rely solely on its groundwater sources.
- ii. Water Wheeled to Other Purveyors – Exhibit WO-2**
This indicates the amount of water the District served to other water purveyors in Calendar Year 2015. The amount is indicated in Million Gallons (MG) and Acre Feet (AF).
- iii. Water Operations Activity – Exhibit WO-3**
This shows the types and number of activities that are conducted daily in the Production, Distribution and Field Services Departments.
- iv. Claims Update – Exhibit WO-4**
This is a summary report of claims received by the District that are less than \$10,000, and approved or rejected by the General Manager.
- v. General System Discharges by Category – Exhibit WO-5**
The format of the new monthly report titled *General System Discharges by Category* has been modified to be easier to read. The newly formatted report is now automatically generated from data entered by staff into Work Orders in

Cityworks. This report still quantifies the amount of water discharged to waste for each discharge type. In March 2015, the total volume of water flushed was 0.402 MG or 0.06% of the total water produced for the month.

- vi. Exception Report for March**
None to report.

Exhibit WO-1

Month	North Service Area *			South Service Area **			Total North & South Service Areas (MG)	Average MG/Day	% Of Total Year to Date Production
	Surface (MG)	Ground (MG)	Sub Total (MG)	Surface (MG)	Ground (MG)	Sub Total (MG)			
	Jan	0.000	351.205	351.205	0.000	213.703			
Feb	0.000	298.100	298.100	0.000	205.187	205.187	501.287	17.903	28.508
Mar	0.000	400.931	400.931	0.000	291.290	291.290	692.221	22.330	39.366
Apr									
May									
Jun									
July									
Aug									
Sep									
Oct									
Nov									
Dec									
MG	0.000	1,048.236	1,048.236	0.000	710.180	710.180	1,758.416	19.538	
AF	0.000	3,216.918	3,216.918	0.000	2,179.462	2,179.462	5,396.381		



Mo/Yr	Million Gallons (MG)		
	Surface	Ground	Total Difference
Jan 15	0.000	564.908	564.908
Jan 14	0.000	667.355	667.355
Feb 15	0.000	501.287	501.287
Feb 14	0.000	505.228	505.228
Mar 15	0.000	692.221	692.221
Mar 14	0.000	595.094	595.094
Apr 15			
Apr 14	0.000	620.163	620.163
May 15			
May 14	0.000	969.824	969.824
Jun 15			
Jun 14	0.000	1,413.213	1,413.213
Jul 15			
Jul 14	0.000	1,329.245	1,329.245
Aug 15			
Aug 14	0.000	1,241.361	1,241.361
Sep 15			
Sep 14	0.000	1,165.237	1,165.237
Oct 15			
Oct 14	0.000	962.686	962.686
Nov 15			
Nov 14	0.000	574.261	574.261
Dec 15			
Dec 14	0.000	566.316	566.316

* North Service Area (North Highlands, Northridge, McClellan Park and The Arbors)
 ** South Service Area (Town and Country)

Exhibit WO-3

Water Operations Activity

	<u>March 2015</u>	<u>Monthly Average</u>	<u>CY 2015</u>
<u>Production Department</u>			
<u>Service Orders</u>			
<u>Preventive Maintenance: Work Orders Completed</u>	871	1,208	3,625
<u>Corrective Maintenance: Work Orders Completed</u>	14	14	42
<u>Water Quality</u>			
<u>Complaints</u>	0	0	0
<u>Inquiries</u>	7	13	40
<u>Distribution Department</u>			
<u>Service Orders</u>			
<u>Main Leaks</u>	0	1	4
<u>Service Line Leaks</u>	12	12	36
<u>Locate & Expose (L&E)</u>	15	21	64
<u>Determine Responsibility (DR)</u>	47	40	119
<u>Water Main Shutdown</u>			
<u>– Emergency</u>	1	1	4
<u>– Scheduled</u>	1	1	2
<u>Preventive Maintenance Program</u>			
<u>Fire Hydrants Inspected</u>	323	239	717
<u>Fire Hydrant Valves Inspected</u>	223	197	591
<u>Fire Hydrant Valves Exercised</u>	168	157	471
<u>Mainline Valves Inspected</u>	13	30	91
<u>Mainline Valves Exercised</u>	13	30	90
<u>Underground Service Alert</u>			
<u>Reviewed</u>	1,448	1,334	4,002
<u>Marked</u>	468	436	1,309
<u>After Hours Activity (On-Call Technician)</u>			
<u>Calls Received</u>	115	89	267
<u>Calls Responded</u>	46	35	105
<u>Average Call Time Hours</u>	2	2	2
<u>Overtime Hours</u>	92	71	213
<u>Field Services Department</u>			
<u>Meters</u>			
<u>Preventive Maintenance - Meters Tested</u>	10	4	12
<u>Preventive Maintenance - Meters Replaced</u>	0	1	3
<u>Preventive Maintenance - Meter Re-Builds</u>	23	8	24
<u>Customer Service</u>			
<u>Shut Off (non-payment)</u>	142	198	593
<u>Restore Service</u>	155	167	501
<u>Customer Pressure Inquiries</u>	10	10	31
<u>Field Operations Department</u>			
<u>Service Requests Generated</u>	2,110	1,803	5,409
<u>Work Orders Generated</u>	906	902	2,707

Exhibit WO-4

Date: March 30, 2015

Subject: Claims Update

Staff Contact: Jim Arenz, Operations Manager

On December 21, 2009, the District adopted a Claims Processing Policy. The Policy requires any claim in excess of \$10,000 be brought before the Board for approval or rejection of said claim. The General Manager has the authority to approve or reject claims up to \$10,000. The Policy further requires that all claims less than \$10,000 be reported to the Board as an information item.

The following information provides an overview of the claims that have been submitted to the District:

CLAIMS APPROVED/REJECTED BY GENERAL MANAGER

There were no formal claims approved or rejected by the General Manager this month.

CLAIMS UNDER REVIEW/INVESTIGATION

3533 Maplewood Lane

Claim – On March 27, 2015, staff received a District Claim Form from Charles Ankrim requesting reimbursement of \$650. Mr. Ankrim is alleging that District staff turned off water to his property without notifying him which resulted in damage to his hot water recirculating pump. The claim is under investigation.

Claim Amount – \$650.

Date of Loss – September 2014

CLAIMS IN LITIGATION

2304-06 Bell Street & 2326-28 Bell Street

Claim – On April 29, 2014, staff received a District Claim Form from Rosemary Verga requesting reimbursement of an undetermined amount. She is alleging inaccurate billing charges dating back to November 2000.

In February of 2014, while staff was performing True Point Conversion verifications they identified that these two properties, which are duplexes, were being billed incorrectly. Typically multi-family units are provided water service through one service connection and one account.

However, these two properties had been erroneously set up with both a flat rate account and a metered account, subsequently creating the double billing error.

On April 16, 2014, staff provided Ms. Verga with a refund for this issue, which is reflective of the Credit Adjustment Sheet for 2306 Bell Street and the Credit Adjustment Sheet for 2328 Bell Street. This credit is aligned with the District's Regulation No. 2.J:

J: Reimbursement

Upon written application of a Water User, the District will consider a credit/refund against future water charges to the extent the Water User has paid water charges erroneously levied by the District in excess of the proper water charge, provided that the credit will not apply to charges levied more than four (4) years before the application for the credit was filed.

Upon receipt of the Claim Form, District staff conducted a thorough investigation of the issue. The findings of this investigation lead staff to make a recommendation to the General Manager that this claim be rejected based on the following facts:

- Reject Ms. Verga's claim for reimbursement of erroneous charges that were levied more than four (4) years prior to this claim, which aligns with the District's Regulation No. 2.J.

The rejection letter was mailed to Ms. Verga on June 10, 2014. Ms. Verga took exception to the rejection letter and requested her claim be added to the agenda for the August 13, 2014, Facilities and Operation Committee Meeting.

On August 13, 2014, the Facilities and Operations committee heard opinions from both staff and Ms. Verga. Upon hearing both arguments the Committee directed staff to have legal counsel review Ms. Verga's claim and submit a legal recommendation regarding the 4 year statute of limitations that would apply to a claim for a refund filed by a customer. The Committee directed staff to bring it back before the full Board at the September 15, 2014 Board meeting.

District legal counsel reviewed the claim and provided a memorandum regarding limitations on the District in refunding water service billing overcharges to customers. As a result of legal counsel review, it was strongly recommended by staff at the September 15, 2014 Board meeting that the Board reject all requests from customers for refunds in excess of four years of billing overcharges. The Board concurred and voted 3 to 1 to deny Ms. Verga's claim. On November 21, 2014, staff mailed Ms. Verga another Rejection Letter informing her that her claim had been rejected by the full Board of Directors on September 15, 2014.

On February 19, 2015, Ms. Verga filed two (2) separate suits against Sacramento Suburban Water District. Each suit is reflective of the properties named in her claims.

Case Name: Verga vs. Sacramento Suburban Water District

Court Date – April 16, 2015

Claim Amount - \$20,000 total for both claims (\$10,000 x 2)

Exhibit WO-5

General System Discharges by Category

From 3/1/2015 to 3/31/2015

Report Group	Water Used (Gal.)
Distribution Flushing (6 detail records)	
Sub Total	382,325
Fire Flow Testing (1 detail record)	
Sub Total	1,322
Large Meter Testing (1 detail record)	
Sub Total	<u>18,434</u>
Total Gallons Flushed for all Types of Discharges:	402,081
Total Monthly Production for March 2015:	692.221 MG
Percent of Total Production Discharged to Waste:	0.06 %

b. Customer Service Report

- i. Customer Service Monthly Activity - Exhibits CS-1 & CS-2**
 - 1. Customer Service Activity Report shows Customer Service activity for the month of March 2015.
 - 2. Call Volume Report shows number of calls received, abandoned calls, and queue times.

- ii. Customer Service Exceptions**

There were no exceptions to report.

District Activity Report

April 20, 2015

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Exhibit CS-1

	<u>March</u>		<u>Calendar</u>	
	<u>2015</u>		<u>Year 2015</u>	
<u>Customer Service Department</u>				
<u>Billing</u>				
Water Connections - Total Active	46,135		n/a	
Active Flat w/o Meter	11,041		n/a	
Active Flat w/Meters	2,365		n/a	
Active Meter Non-Residential	6,449		n/a	
Active Meter Residential	26,280		n/a	
Water Connections - Suspended/Disconnected	602		n/a	
Owner/Tenant Billing Agreement	1,163		n/a	
E-billing	2,103		n/a	
Water Statements Mailed	40,039		120,127	
Monthly Calls	3,977		10,824	
Customer Changes	237		654	
<u>Collections</u>				
15-Day Notices	1,543		4,749	
48-hour Door Tags Generated-Federal Express	428		1,966	
Lock-off Door Tags Generated	114		611	
Bankruptcy Processed	52		113	
		<u>% of</u>		<u>% of</u>
		<u>Total</u>	<u>Count</u>	<u>Total</u>
<u>Payments</u>				
Cash/Check Payments (Front Office)	1,329	3.3%	4,051	3.5%
Credit Card Payments (Front Office)	625	1.6%	2,015	1.7%
SSWD Customer Web Payments	3,538	8.8%	10,289	8.8%
Direct Payment Service (Auto Payment-Checking)	5,006	12.5%	15,060	12.9%
Direct Payment Service (Auto Payment-Credit Card)	1,364	3.4%	3,771	3.2%
IVR (Automated Phone System)	1,230	3.1%	3,700	3.2%
Electronic Payments (Online Banking Payment)*	12,025	30.0%	35,577	30.5%
LockBox (Checks)	15,001	37.4%	42,325	36.2%
Total Payments	40,118	100.0%	116,788	100.0%

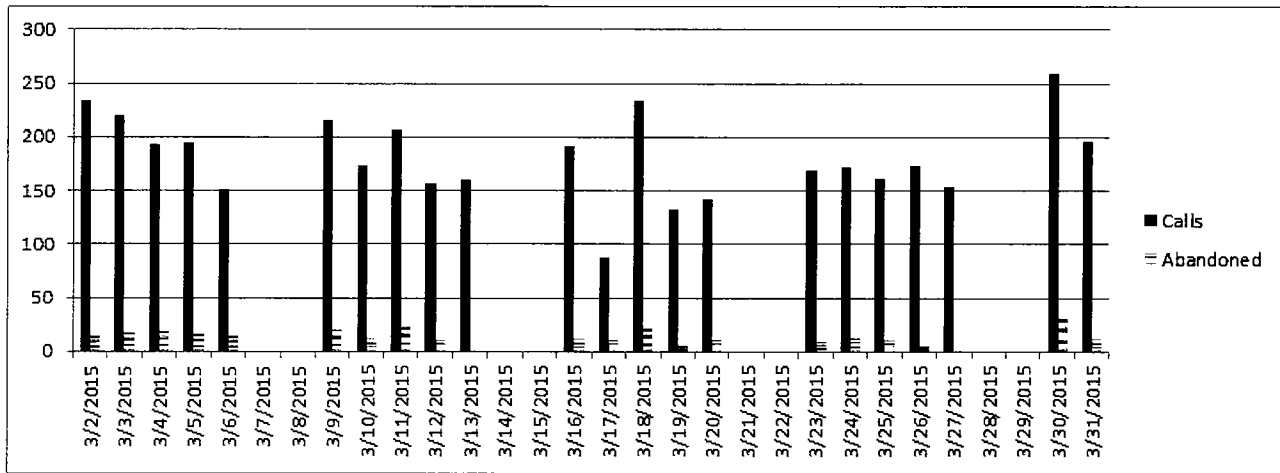
*Electronic pymts have been combined into one category

Exhibit CS-2 - Call Volume Report - March 2015

Date Ranges : 03/01/2015 - 03/31/2015

Time Ranges : 08:00 a.m. - 04:30 p.m.

Date	Calls Accepted	Calls Abandoned	% of Calls Abandoned	Average Wait On Quene	Maximum Wait on Quene	Average Treatment Time	Notes
3/2/2015	233	16	6.87%	0:02:03	0:13:45	0:03:12	Billing Due Date
3/3/2015	220	18	8.18%	0:01:01	0:06:14	0:02:52	
3/4/2015	193	20	10.36%	0:01:51	0:06:14	0:02:53	Lock-off for Collections
3/5/2015	195	17	8.72%	0:02:27	0:11:49	0:02:52	
3/6/2015	151	15	9.93%	0:01:41	0:09:35	0:03:04	
3/9/2015	216	22	10.19%	0:01:32	0:06:29	0:02:40	Billing Due Date
3/10/2015	173	13	7.51%	0:01:33	0:08:58	0:02:30	
3/11/2015	207	25	12.08%	0:01:28	0:09:36	0:02:35	Lock-off for Collections
3/12/2015	157	11	7.01%	0:01:13	0:06:08	0:03:04	
3/13/2015	160	3	1.88%	0:01:21	0:06:43	0:02:50	
3/16/2015	192	12	6.25%	0:01:37	0:07:38	0:02:59	Billing Due Date
3/17/2015	88	11	12.50%	0:02:21	0:07:05	0:03:23	
3/18/2015	233	23	9.87%	0:02:02	0:15:20	0:02:32	Lock-off for Collections
3/19/2015	133	7	5.26%	0:01:17	0:06:06	0:02:52	
3/20/2015	142	11	7.75%	0:01:16	0:04:45	0:02:31	
3/23/2015	169	10	5.92%	0:01:25	0:08:21	0:02:31	Billing Due Date
3/24/2015	172	14	8.14%	0:01:54	0:06:56	0:02:31	
3/25/2015	161	11	6.83%	0:01:19	0:04:46	0:02:25	
3/26/2015	173	6	3.47%	0:01:19	0:05:22	0:02:24	
3/27/2015	154	3	1.95%	0:00:48	0:02:52	0:02:43	
3/30/2015	259	33	12.74%	0:02:14	0:10:06	0:03:24	
3/31/2015	196	13	6.63%	0:01:29	0:07:34	0:02:52	
Group Total	3977	314	7.90%	0:01:43	0:15:20	0:02:48	



c. Water Conservation and Regional Water Efficiency Program Report

i. State Water Resources Control Board Reporting

As part of the ongoing effort to evaluate the success of the State's water conservation efforts, the State Water Resources Control Board (SWRCB) has mandated that urban water agencies report their monthly Residential Gallons Per Capita per Day (R-GPCD) water use. Sacramento Suburban Water District's (District) staff has developed a data set tracking tool to track the District's reported R-GPCD to the SWRCB.

The District's R-GPCD is calculated using the following formula:

$$\text{R-GPCD} = (\text{TMP} \times \text{PRU} \times \text{CF}) \div \text{TPS} \div \text{DIM};$$

Where:

R-GPCD = Gallons Per Capita per Day for Residential Customers

TMP = Total Monthly Potable Water Production (Millions of Gallons)

PRU = Percent Residential Use (93.5%)

CF = Conversion Factor changing millions of gallons to gallons (1,000,000)

TPS = Total Population Served (2015 = 174,304)

DIM = Days in the current month

The SWRCB is using 2013 water use data as a baseline to gauge drought response. Specifically for the month of March 2015, the District's monthly R-GPCD declined 2.51% when compared to March 2013. The District has also decreased water production by 1.7% for 2015 when compared to the same time period (3 months / 90 days) of 2013.

ii. Water Conservation Regulations

On April 1, 2015 the Governor of California issued an Executive Order calling on the SWRCB to impose restrictions on urban water suppliers who will be obligated to reduce water consumption 25% by February 28, 2016. On the same day the California Department of Water Resources (DWR) issued a press release regarding the results of the final snow survey for the 2014-15 winter season (see Exhibit WC-2). The snow survey, conducted on April 1, 2015, showed that the snow water equivalent in the Sierras is only 1.4 inches, 5% of the historical multi-decade average. The snow-water equivalent average hit record lows, shattering the 2014 April total of 25% of average.

On April 8, 2015 the SWRCB released their draft "Mandatory Conservation Proposed Regulatory Framework" (Framework) for meeting the States mandated 25% reduction in R-GPCD by February 28, 2016. The Framework outlines how the SWRCB will attempt to achieve the 25% reduction in R-GPCD by assigning steeper water reduction percentages to agencies with higher R-GPCDs. The SWRCB is using September 2014 as their baseline metric. The SWRCB also released a Regulatory Framework Tiers report showing which Tier agencies will

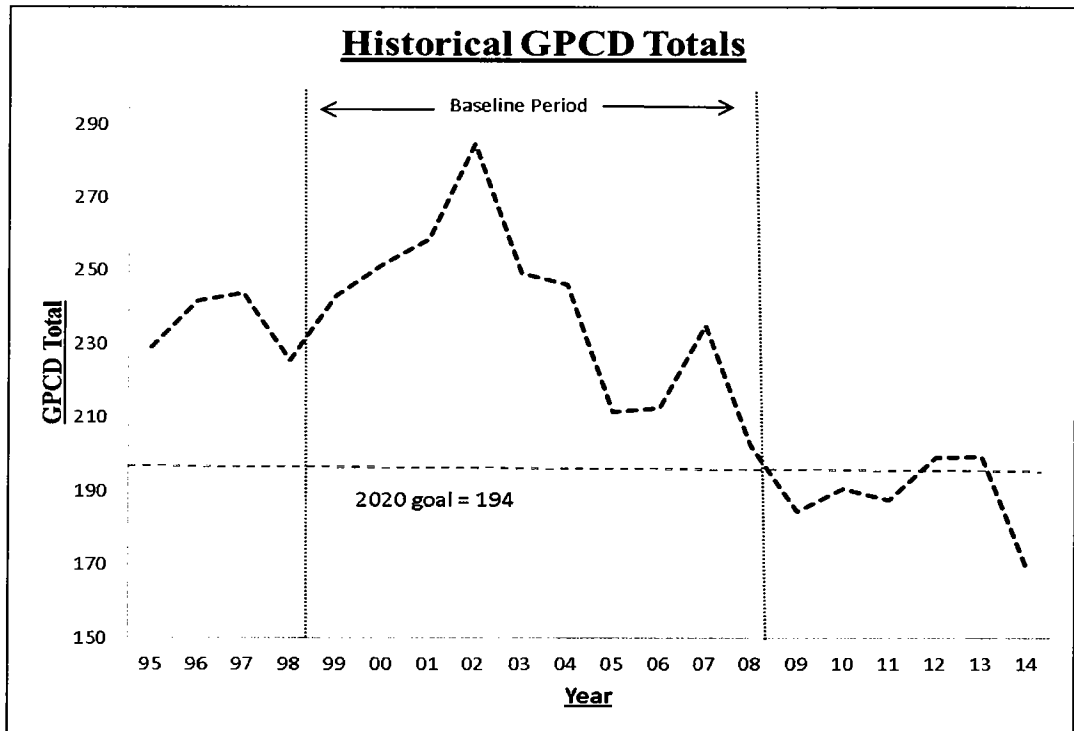
fall under. Agencies with a September 2014 R-GPCD less than 55 will be required to achieve a 10% reduction, agencies with R-GPCDs from 55-110 will be required to achieve a 20% reduction, agencies with a September 2014 R-GPCD range of 110-165 will be required to achieve a 25% reduction in water use and agencies with a September 2014 R-GPCD over 165 will be required to achieve a 35% reduction in water use. The District's R-GPCD in September 2014 was 209. The District will be required to achieve a 35% reduction in water use by February 28, 2016. As part of the Framework agencies will now be required to report on their Commercial, Industrial, Institutional, and Landscape customer water usage. The SWRCB intends to enforce this new Framework with warning letters and/or Cease and Desist Orders which could result in fines up to \$10,000 per day. Agencies may receive a violation if they fail to:

- File reports as required by the regulation;
- Implement the prohibitions and restrictions as described in the Governor's Executive Orders and the emergency regulations; and
- Meet the assigned water use reduction target.

According to the SWRCB Facts Sheet the SWRCB will be releasing a draft of the new regulations on April 17, 2015 and holding a Board hearing to adopt the new regulations on May 5 or 6, 2015.

iii. Senate Bill x7-7 – 20x2020 Progress

In November 2009 the California legislature passed a water conservation bill aimed at reducing long-term water consumption by 20% by the year 2020. Senate Bill x7-7 requires water supplies to choose a 10 year period for their gallons per capita per day (GPCD) total of which they will be using for their baseline average. The District used 1997-2006 as their baseline average. The District's baseline GPCD is 241. The District's target 2020 GPCD is 194. The District is also obligated to meet an interim 2015 GPCD of 217. The District is on track to meet both its 2015 interim goal and its 2020 goal. The District's 2014 GPCD total was 168.8. The graphic below illustrates the District's historical GPCD trend, its baseline period, and its 2020 goal of 194 GPCD. Water agencies that do not meet their interim and final GPCD goals risk being disqualified for state water grants & loans. SBx7-7 is different from the current SWRCB drought response reduction of 25% in the fact that SBx7-7 is intended to achieve long term sustainable water conservation and the current mandated reduction by the State, is a short-term drought response goal using 2013 as a baseline.



iv. Regional Water Authority Sacramento Region Drought Report – Exhibit WC-1

The Regional Water Authority (RWA) Drought Report (see Exhibit WC-1) summarizes the water use reduction in February 2015 for the entire Sacramento region, as well as individual member agencies, as a result of the drought. Since the data is gathered and assembled by RWA in the first two weeks of the current month for the previous month, the summary report will always be one month behind. The current report is for February 2015. The Sacramento Region continues to reduce its water use. The Region showed a decrease for R-GPCD by 14.9% for the month of February when compared to February 2013 and 8.9% for the first 2 months of CY2015 when compared to the first 2 months of CY2013.

v. Water Conservation Program – Exhibit WC-2

District staff continues to promote water conservation directly to the District customers. To date, District staff and our contract company have performed 29 indoor residential Water-Wise House Calls and 68 outdoor residential Water-Wise House Calls. Staff has received 181 notifications of water waste and has issued 207 notices of violation for water waste through March 2015. Staff has also conducted a total of 13 Large Landscape water surveys for the various park districts, Home Owners Associations, and schools, as well as 4 Commercial, Industrial and Institutional water use surveys in CY2015.

Staff continues to reach out to the community regarding water conservation issues and information. A Water Conservation Survey (Survey) has been available to the public via the District's website since February 2015. The Survey asks customers what they have done to save water during the drought, what they are willing to do to save water, how they are getting information regarding water conservation, what the District can do to better assist them with their water conservation goals, and requests some demographic information. To date, the District has received over 60 Survey responses. Customers who participate in the survey will be rewarded with a Blue Thumb sprinkler repair tool, as well as being entered into a drawing for a \$100 cash prize. Customers who go above and beyond to save water may be featured in a future District bill insert article. The results of the survey will assist staff in developing the future of the Water Conservation Program. Staff anticipates preparing a final report for the Board of Directors for the June 2015 regular Board Meeting.

vi. Upcoming Events

California Urban Water Conservation – BMP 1.4 Board PAC Meeting – April 14, 2015 in Oakland, CA

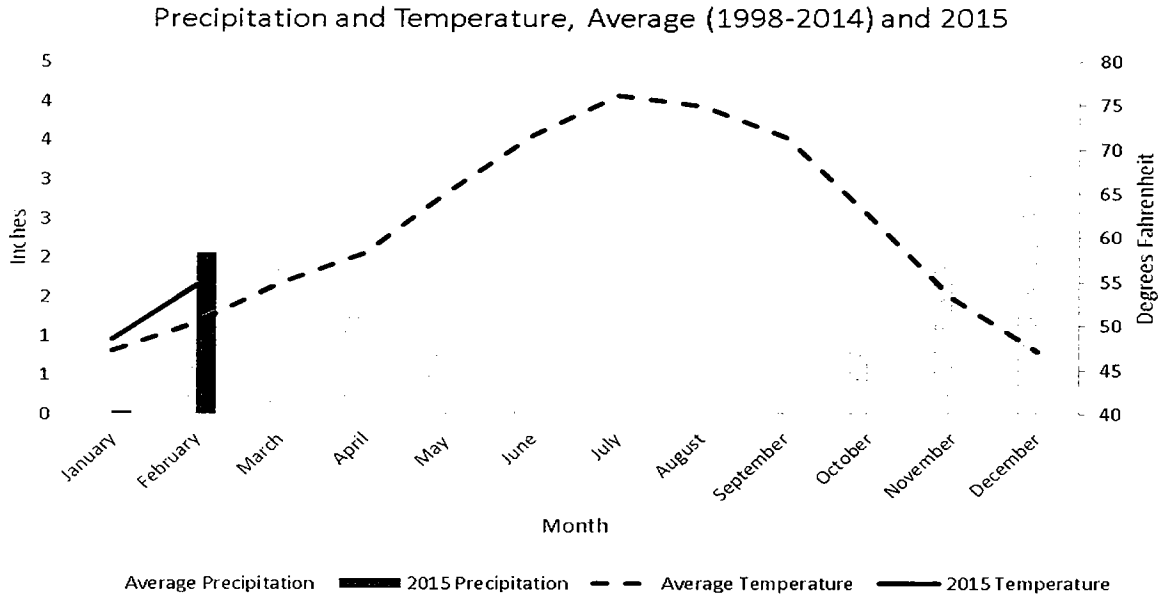
Creek Week Event – April 18, 2015 at Carmichael Park, from 11:00 a.m. to 2:00 p.m.

Exhibit WC-1

RWA Drought Summary February 2015

REDUCTION BY VOLUME (Million Gallons)													
	Jan	Feb	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	Total
2015	6,170	5,616											11,786
2013	6,341	6,602											12,944
%	2.7%	14.9%											8.9%

REDUCTION BY AGENCY (Data compared to 2013)			
Water Agency	Jan-Feb 2015 Reduction	Feb. 2015 Reduction	Jan. 2015 Reduction
California American Water	13.8%	12.7%	14.9%
Carmichael Water District	8.0%	13.7%	2.0%
Citrus Heights Water District	10.2%	15.1%	5.4%
City of Folsom	1.5%	9.4%	-7.2%
City of Lincoln	7.4%	16.2%	-2.3%
City of Roseville	12.0%	20.1%	3.0%
City of Sacramento	11.1%	16.0%	6.2%
City of West Sacramento	12.6%	16.3%	9.0%
Del Paso Manor Water District	14.1%	12.3%	15.9%
El Dorado Irrigation District	17.1%	18.3%	16.0%
Elk Grove Water District	16.6%	22.2%	10.5%
Fair Oaks Water District	10.6%	17.6%	3.1%
Golden State Water Company	10.1%	16.5%	3.6%
Orange Vale Water Company	7.4%	11.9%	2.9%
Placer County Water Agency	-0.6%	12.5%	-16.1%
Rancho Murieta CSD	-9.1%	-1.8%	-16.7%
Rio Linda/Elverta CWD	6.5%	6.5%	6.6%
Sacramento County Water Agency	1.1%	14.6%	-15.2%
Sacramento Suburban WD	0.3%	7.1%	-6.6%
San Juan Water District	16.2%	25.7%	4.3%
Average	8.3%	14.1%	2.0%
Minimum	-9.1%	-1.8%	-16.7%
Maximum	17.1%	25.7%	16.0%



Water Agency	February 2015 R-GPCD*
California American Water	109
Carmichael Water District	78
Citrus Heights Water District	83
City of Folsom	86
City of Lincoln	78
City of Roseville	56
City of Sacramento	62
City of West Sacramento	88
El Dorado Irrigation District	71
Elk Grove Water District	87
Fair Oaks Water District	85
Golden State Water Company	108
Orange Vale Water Company	100
Placer County Water Agency	101
Rancho Murieta CSD	118
Rio Linda/Elverta CWD	101
Sacramento County Water Agency	81
Sacramento Suburban WD	96
Regional Average	80

*R-GPCD: Residential Gallons per Day per Capita

Exhibit WC-2

2015 BMP Activity Report

	<u>Month</u> March	<u>Year</u> 2015
<u>Foundational BMPs - No Measurable Water Savings</u>		
1.1-1 Conservation Coordinator	*	Yes
1.1-2 Water Waste Prevention	*	Yes
1.1-3 Wholesale Agency Assistance	N/A	N/A
1.2 Water Loss Control	N/A	Yes
1.3 Metering/Commodity Rates	282	609
1.4 Retail Conservation Pricing	*	NA
2.1 Public Information	*	NA
2.2 School Education	*	NA
<u>Programmatic BMPs - Demonstrated Water Savings</u>		
3.1 Residential Audits - Indoors	11	29
3.2 Residential Audits - Outdoors	23	68
3.3 Rebates - HE Clothes Washers	0	0
3.4 Rebates - HE Toilets	*	NA
3.5 Residential New Development Assist.	*	NA
4 CII Audits	0	4
5 Large Landscape Audits	2	13
<u>Other Water Savings Measures</u>		
Irrigation Efficiency Rebates	1	1
High Bill Investigations	11	42
<u>Water Waste Calls and Notifications</u>		
Water Waste Calls	37	70
Water Waste via Website	60	111
Notice - Water Waste	78	157
Warning - Water Waste	50	66
1st Violation - Water Waste	1	4
2nd Violation - Water Waste	0	0
3rd Violation - Water waste	0	0

* Not all BMPs are quantifiable. Of those that are not, if the District is implementing them, they are noted as "Yes;" if the District is not implementing them, they are noted as "N/A."

d. Community Outreach Report

i. May Bill Insert

The May bill insert will begin on April 24, 2015 and continue until May 24, 2015. The bill insert includes the following articles:

- Take it From the Tap; During Drinking Water Week
- Improving Water Supply Reliability for Our Customers and Beyond
- Pardon Out Dust – Antelope Garden Schedule Update
- Want to Save Water But Don’t Know Where to Begin
- Have a Question About Water-Wise Gardening?
- Report Concerns About Water Use
- Share Your Conservation Story and Win!
- Water Myths Busted! Where is More Water Used at Home Indoors or Outdoors?

The bill insert is scheduled to be posted on the District’s website at the end of April 2015. A sample of the bill insert has been included with this report.

ii. May Envelope Message

The May envelope challenges customer on “How Low Can You Go” to conserve water. The envelope will begin on April 24, 2015 and continue until May 24, 2015. A sample of the envelope is included with this report.

iii. Community Meetings/Events

Staff, representing SSWD, attended the following agency meetings, conference calls, community meetings, and events in March 2015:

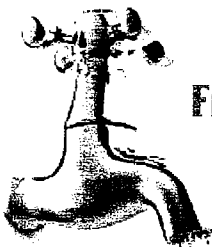
Date	Meeting	Staff
03/04/15	Presentation re: Drought – Kiwanis Club	Robert Roscoe
03/05/15	State Water Resources Control Board Conference Call	Robert Roscoe
03/06/15	Northern California Water Association Annual Meeting	Robert Roscoe
03/09/15	Carryover Storage Working Group	Dan York
03/11/15	Water Caucus Meeting	Robert Roscoe
03/11/15	Presentation re: Drought – Kiwanis Club	Robert Roscoe
03/12/15	Regional Water Authority Board Meeting	Robert Roscoe
03/12/15	Arden Arcade Business Council Meeting	Robert Roscoe
03/12/15	Water Forum Successor Effort Plenary	Roscoe/York
03/13/15	ACWA State Groundwater Management Implementation Mtg	Robert Roscoe
03/17/15	2015 Water Forum Dry Year Conference	Dan York
03/18/15	Regional Water Authority Lobbyist Subscription Cmte Mtg	Robert Roscoe
03/18/15	Aerojet Superfund Issues Community Advisory Group Mtg	John Valdes
03/24/15	Mtg with Fulton El Camino Parks and Recreation District	Robert Roscoe
03/24/15	Regional Water Authority Government Affairs Meeting	Robert Roscoe
03/25/15	Regional Water Authority Executive Committee Meeting	Robert Roscoe
03/27/15	Association of CA Water Agencies Exec Committee Mtg	Robert Roscoe
03/27/15	Association of CA Water Agencies Board Meeting	Robert Roscoe

H₂O on the Go

May 2015

Produced for you by SSWD staff

00197476



Take it From the Tap

During Drinking Water Week

This year marks the 40th anniversary of the Safe Drinking Water Act, which was signed into law by President Ford and gave the U.S. Environmental Protection Agency power to set health-based standards to protect drinking water.

Help us celebrate by passing on the bottled water and having a drink from the tap. You'll be refreshed and do something positive for the environment at the same time.

The Pacific Institute estimates that the production of drinking bottles uses the equivalent of 17 million barrels of oil, it takes 3 liters of water to produce 1 liter of bottled water, and of the 50 billion plastic water bottles Americans use annually, only 23 percent are recycled.

So mark this anniversary by filling up a glass straight from the faucet, and if you're out and about and thirsty, download the WeTap app (wetap.org) for iPhone and Android to find the closest public water fountain.

Improving Water Supply Reliability for Our Customers and Beyond

As California faces another dry year, Sacramento Suburban Water District is continuing to take action to help ensure a reliable water supply for our customers. Recently, the California Department of Water Resources awarded the district more than \$700,000 in grant funding for a project with the potential to increase reliability for both SSWD and the Sacramento region.

The Antelope Booster Pump Station Expansion project will install a series of high-capacity booster pumps. These pumps will actually reverse how water flows through several existing pipelines. Doing so will allow SSWD to deliver excess groundwater, when available, from the District's North Service Area to other parts of the region that now rely primarily on Folsom Reservoir. Once complete, the new booster pump station will be able to provide up to 10,000 gallons of ground-water per minute.

Pardon Our Dust

Antelope Garden Schedule Update

As work continues on the Antelope Booster Pump Station Expansion project (see related story), the District's water-efficient landscape demonstration garden will be closed this summer. We'll keep you updated on plans and the vision for the garden moving forward.

Want to Save Water But Don't Know Where to Begin?

Summer is around the corner. It's time to clean out the garage, dust off the outdoor furniture, and schedule a Water-Wise House Call to find out how your home can be even more water-efficient.

During the one-hour Water-Wise House Call, a trained water-efficiency professional will do a complete survey and evaluation of your house and yard. They will:

- ▶ Evaluate efficiency of your sprinkler system and identify areas of improvement
- ▶ Check your irrigation controller to make sure it is properly set

Save Water continued



3701 Marconi Avenue, Suite 100 ♦ Sacramento, CA 95821-5346
Phone: 916.972.7171 ♦ Fax: 916.972.7639 ♦ Web: sswd.org
Business Hours: Monday – Friday, 8:00 a.m. to 4:30 p.m.



Have a Question About Water-Wise Gardening?

A series of brief videos at BeWaterSmart.info feature local landscape experts answering frequently asked questions about water-wise gardening. Videos also include tips for creating gorgeous, water-efficient landscapes for today and beyond the drought. Learn about:

- ❖ The best ways to save water in the garden in winter
- ❖ How much water your garden REALLY needs to thrive
- ❖ What to do if you must reduce landscape water use

Submit your question about water-wise gardening to BeWaterSmart@rwah2o.org, and the answer may be featured in our next video! See the videos and learn more at BeWaterSmart.info.

Share Your Conservation Story and Win!

We want to hear from you on how you conserve water. Share your story by filling out our brief survey online or at the office.

We'll send you a complimentary sprinkler tool for completing the survey and you'll be entered into a drawing for a \$100 cash prize to be announced in June.

Save Water continued

- ▶ Measure the flow rate of faucets and showerheads
- ▶ Discuss any rebates available to help you use less water

At the end of the Water-Wise House Call, the expert will review their findings with you in detail, answer any questions, and send a report listing all of their recommendations. You'll also receive a water conservation kit to help you start saving right away, and it's all at no additional cost to you.

Your doctor may not make a house call, but we will. Contact SSWD's Customer Service Team at (916) 972-7171 during business hours to schedule an appointment or visit sswd.org.

Report Concerns About Water Use



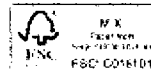
If you notice water being wasted, such as water that is permitted to discharge, flow, or run to waste into any gutter, sanitary sewer, water course, or storm drain, or to any adjacent lot, from any tap, hose, faucet, pipe, sprinkler, or nozzle, let us know by reporting it online via our water waste form. You can access the form by clicking on the handy link located on the sswd.org homepage.

Let us know the date, time, location, and give a brief description of the problem. If it is a true water emergency call (916) 972-7171, and we'll get a team out there right away.

Water Myths Busted!

Where is More Water Used at Home Indoors or Outdoors?

Studies show that most Californians think they use more water indoors than outdoors. But, actually, the opposite is true. In the Sacramento region, most of the water we use daily goes on lawns and outdoor landscaping, and about 30 percent of that is lost due to overwatering and evaporation. There are lots of ways to save water at home, but reducing water use outdoors can make the biggest difference of all.



HOW LOW CAN YOU GO TO CONSERVE WATER?



Scan here to visit sswd.org for ways to reduce your water use.



Agenda Item: 13

Date: April 7, 2015

Subject: Engineering Report

Staff Contact: John E. Valdes, Engineering Manager

Described below are significant engineering department activities and milestones over the past month. The report is separated into the following sections: Major Capital Improvement Projects, Developer Projects, County and City Projects/Coordination, McClellan Business Park, Developer Projects and Other.

a. Major Capital Improvement Projects

i. Production

Rutland Production Well (#N39) Design and Construction

A Well Construction Summary Report has been received from Wood Rodgers providing a summary of the detailed account of the project timeline, materials, well testing practices, well performance, and water quality for the Rutland Well. Wood Rodgers is currently wrapping up final design of the pump station.

Various Well Investigation and/or Rehabilitation Projects

Some of the ongoing projects are discussed in more detail below:

- Well #13, Calderwood/Marconi – Final paving work has been completed. There will be no further reporting on this well.
- Well #64, Galbrath/Antelope Woods – The well has been redeveloped after completion of rehabilitation work. The well is scheduled to be super chlorinated and sampled for bacteriological samples next week prior to putting the well back online.
- Well #31A, Watt/Elkhorn – The rehabilitation activities at this well have been completed and the well is ready to go back online; staff is just waiting for a permit amendment from the State Water Resources Control Board, Division of Drinking Water, in order to reactivate the well.

Electrical Arc Flash Hazard Modifications at Various Well Sites

Some of the ongoing projects are discussed in more detail below:

- New Panel Installation – As previously reported, panels are scheduled to be installed this year.
- Control Panel Modifications – As previously reported, this work is scheduled to be completed this spring in coordination with SMUD shutdowns.

Installation of Variable Frequency Drive (VFD) at Auburn/ Yard Well (#40A)

This project is 50% funded by a water energy demonstration grant from SMUD. All work related to the installation of the new variable speed drive (VFD) has been completed. In addition, startup and testing of the new VFD has been completed and the well is back online. Staff will be monitoring any energy savings going forward to report back to SMUD.

Elevated Storage Tank Improvements

Construction work continues on the required modifications that will enable water to be cycled in/out of the District's elevated tanks on a regular basis. Kirby's Pump & Mechanical is continuing to work on the reconfiguration of the discharge piping and installation of booster pumps at each of the three sites. Prodigy Electric is working at each of the three sites to do the electrical work associated with the booster pump installations. At Tanks 216 and 769, Prodigy is waiting for Tesco to complete their panel modifications and for the new panels to be installed. Area West Engineers is also continuing design work to incorporate tank drains at each of the three sites

Two Groundwater Monitoring Wells

A complication has arisen at the location of one of the two monitoring wells that has delayed getting the plans and specifications finalized for construction. At the Arden/William Pond monitoring well site (the District's former Well #48), an existing power pole and power lines limits the area available for drilling with a 10 foot radius minimum. A clustered monitoring well can be accommodated at this site but only if the overhead power lines can be disconnected and/or the pole removed. This will allow the drill rig to get closer to the pole and place the wells very tightly clustered on the existing pad. A formal request has been made to SMUD to abandon the electrical service at this well site including removal of the power lines and/or power pole.

ii. Distribution

North Country Club Estates - Phase 4 Main Replacement Project

All work is complete and verification of punch list items is underway. A Notice of Completion will be filed at the County Clerk/Recorder's Office upon confirmation that all work meets County of Sacramento requirements.

Santa Anita - Phase 2 Main Replacement Project

The District's contractor, Veerkamp General Engineering, has installed approximately 2,400 linear feet of 12-inch water mains and 3,500 linear feet of 8-inch mains. Pipeline installation is being completed in two phases of the four phase project. GM Construction is following very close behind Veerkamp with the installation of in-tract lines and meters. The project is ahead of schedule and slightly below budget. Construction work is expected to take six to seven months to complete.

Fair Oaks Estates Main Extension Project

After a constructability job walk, a redesign was submitted to the County of Sacramento for approval under the existing Encroachment Permit. The pipeline required re-alignment to accommodate buried SMUD utilities not shown on the facility maps originally provided to the District. Easement acquisition is also underway for the private streets.

Fulton Avenue R.O.W. Improvement Project - Phase 2 (Edison Avenue to Auburn Blvd.)

GM Construction is now 90% complete with the project and will be completing tie-ins on Edison Avenue and Fulton Avenue during the next week. The project is scheduled to be completed by April 10th.

2015 Loehmann's Plaza Waterline Upgrade Project

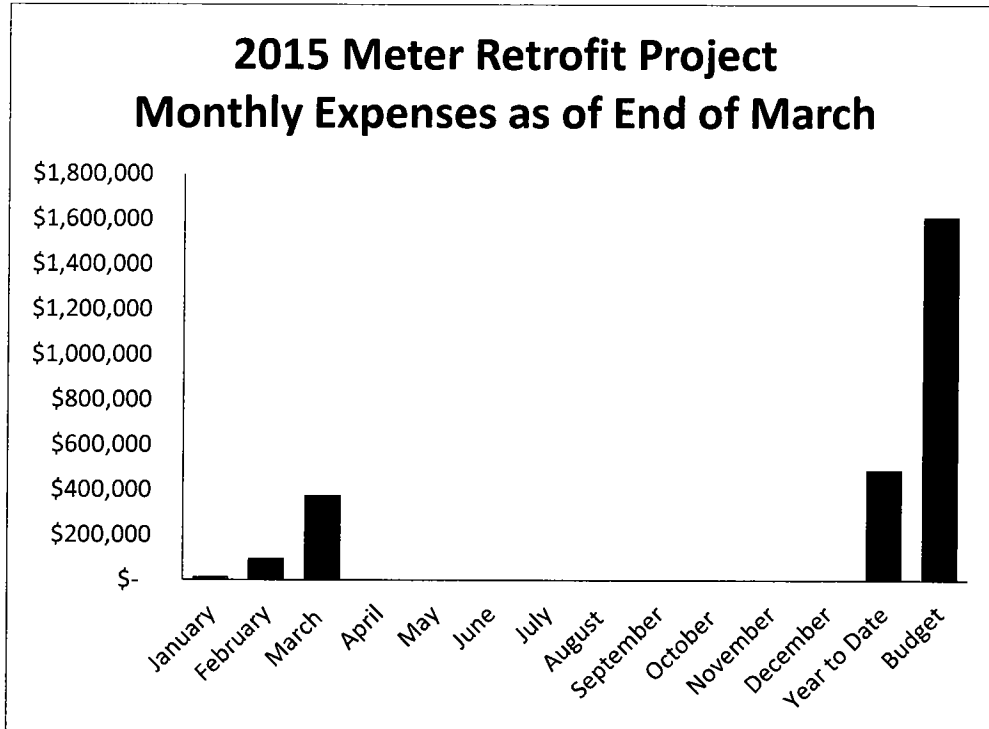
The District has completed a redesign based on a constructability job walk completed last month and has resubmitted revised plans to the County of Sacramento for approval under the existing Encroachment Permit. The District has sent revised easement documentation to Loehmann's Plaza in an effort to acquire an easement for Well #76.

Water Meter Retrofit Plan Update

A final draft of the updated Water Meter Asset Management Plan (AMP) was presented to the Facilities and Operations (F&O) Committee at their meeting on March 30th. The final updated Water Meter AMP will now be presented to the full Board for approval at the regular April Board Meeting.

2015 Meter Retrofit Project

The District's contractor, Flowline Construction, is well underway in completing the 2015 project. Construction work began on February 2, 2015. As of the end of March, 224 services have been retrofitted with meters and a total of \$490,502 has been spent on the project. See the figure below which shows expenditures to date on this year's project.



iii. Other Projects

Antelope Pump Back Project

Construction work is well underway by W.M. Lyles Co. Work during the past month includes clearing and grubbing operations for the new building, excavation and the installation of a new 36” butterfly valve on the suction header pipe. Submittal review and approval continues for certain components of the project.

Change Orders No. 1 through 4 have been executed for value engineering, compliance with SB854 (regarding Dept. of Industrial Relations registration), changes in storm drainage, and relocation of the pump station building. The change orders issued also include additional work days for the Contractor, thereby extending the final completion date into October, with substantial completion in September. Work continues with the granting of a storm drain easement to Sacramento County. The easement acquisition will rectify an easement acquisition that was not previously completed during the construction of the 48” conveyance pipeline.

A formal agreement for the ownership, operation and maintenance (O&M) of the pump back pump station facility will be brought to the Board as an action item at a future Board Meeting.

b. County and City Projects/Coordination

There are several Sacramento County and/or City of Citrus Heights projects on file. These projects are in various stages of design ranging from A-Plans to C-Plans. C-Plans are projects that are approved for construction or are under construction.

c. McClellan Business Park

Nothing to report this month.

d. Developer Projects

General

There are approximately 41 projects in various stages of the approval process within the District. The majority of these are commercial projects. Currently there are 20 projects approved for construction, 16 of which have started or are under construction, and 1 that is scheduled, but has not provided the required deliverables prior to start of construction.

During the month of March, the following projects were approved for construction:

▪ **1135 Mariemont Avenue**

This residential project is located in the South Service Area (SSA), Division 5 of the District's service area. The project is the construction of a new single family home. One domestic water service will be installed.

▪ **5741 Winding Way**

This residential project is located in the North Service Area (NSA), Division 4 of the District's service area. The project is the construction of a new 28 lot subdivision named the Oaks at Carmichael. Twenty eight domestic water services and two irrigation services will be installed.

▪ **1320 Carter Road**

This residential project is located in the SSA, Division 5 of the District's service area. The project is the construction of a new single family home. One domestic water service will be installed.

Total fees collected to date for CY 2015 are approximately \$231,521, of which facilities development charges accounted for approximately \$207,880.

Easement at 1020 Jonas Avenue

An easement is needed through the backyard of one of the lots (Lot #10) in this development to connect (or loop) to an existing District water main. This easement was pulled from the October 2014 Board Meeting with direction to staff to try to obtain a 20 foot easement rather than the proposed 10 foot easement in the backyard of Lot #10. The proposed easement has two segments to it; one on the western side of the lot and the other on the southern side of the

lot. Various options have been discussed with the developer. The developer has reevaluated the floor plans for all eleven houses/lots to determine if they can switch to a smaller floor plan for Lot #11. Lot #11 is the adjacent lot and the location where they could possibly dedicate additional easement to the District. This additional easement would be adjacent and parallel to the 10 foot easement on Lot #10 that they have already agreed to provide to the District. The developer has committed to providing the District with the additional easement. This item will be discussed at the next Facilities and Operations Committee meeting scheduled for April 20, 2015.

e. Other

Review of Regulations Governing Water Service and Improvement Standards and Technical Specifications

The review of the District's Regulations Governing Water Service ("Regulations") has been completed by staff, a consultant, and District legal counsel. Specific recommended revisions will be presented to the Facilities and Operations Committee at their next meeting on April 20, 2015.

Aerojet Superfund Issues Community Advisory Group Meeting

On March 18, 2015, Engineering Manager John Valdes attended the Aerojet Community Advisory Group (CAG) meeting at the City of Rancho Cordova City Hall. At this meeting, there was an Aerojet Community Update by Chris Fennessy of Aerojet; an Aerojet Cleanup Status Report by Kevin Mayer of the Environmental Protection Administration (EPA), and a Regional Board Cleanup Overview by Alex MacDonald of the Central Valley Regional Water Quality Control Board (CVRWQCB). In addition, Mr. Steve Nugent of Carmichael Water District (CWD) gave a presentation on their American River Pipeline Project. This is a joint project between CWD and the Golden State Water Company. The next CAG meeting will be held on May 20, 2015.

North Highlands Community Planning Advisory Council (CPAC)

The regular North Highlands CPAC Meeting regularly scheduled for March 24, 2015, was cancelled. The next regularly scheduled North Highlands CPAC meeting will be held on April 28, 2015.



Agenda Item: 14

Date: April 8, 2015

Subject: Financial Report

Staff Contact: Daniel A. Bills, Finance Director

Eight reports are attached for your information. They are:

- Financial Statements – March 2015
- Investments Outstanding and Activity – March 2015
- Cash Expenditures – March 2015
- Credit Card Expenditures – March 2015
- Directors Compensation and Expense Accounting – Through March 2015
- Market Report Yields – January 2010 through February 2015
- District Reserve Balances – March 2015
- Information Required by Bond Agreement

Financial Statements

Balance Sheet:

District cash and cash equivalents have increased to \$2.7 million as of March 31, 2015, from \$1.3 million at December 31, 2014, largely due to the liquidation of an investment of \$0.6 million needed for operating cash. Cash held in the District's bank accounts (\$2.8 million as of March 31) 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 have decreased since year-end by \$0.3 million to a total of \$39.7 million, reflecting the decrease of \$0.6 million needed for cash flow purposes as described above, net of unrealized market value gains of \$0.3 million.

Capital assets grew \$3.0 million to a total of \$415.8 at March 31, 2015, reflecting expenditures on distribution main replacement projects, well improvements, meter retrofits and the Antelope Pump-Around project. 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 \$222.3 million as of March 31, 2015, compared to \$220.3 million at year-end 2014 for an increase of \$2.0 million.

Income Statement:

Even though the net position increase of \$2.0 million in 2015 is relatively unchanged when compared to the same year-to-date period in 2014, there are changes in the components of revenues and expenses, as follows:

1. Water Consumption Sales decreased by \$0.2 million compared to the same period in 2014 despite a 4% rate increase that took effect at the beginning of 2015. Water production was 5,397 acre-feet in the first quarter of 2015 compared to 5,425 acre-feet in 2014, or a reduction of just ½ of 1 percent. The primary reason, therefore, for the revenue decrease is due to adjustments of \$0.25 million made to certain customer water meter readings for the month of December 2014 that were corrected in the first quarter of 2015.
2. Water Service Charges and Capital Facilities Charges increased by \$0.2 million in line with the 4 percent rate increase that became effective in 2015
3. Operating expenses and depreciation expense increased by a total of \$0.2 million.
4. Interest and Investment income increased by \$0.2 million, while Facility Development Charges increased by \$0.1 million compared to the same period a year ago.

Budgets:

The District's operating and maintenance expenditures through March 2015 are less than budget by \$1.2 million. Most of this positive variance is due to - 1) although budgeted for, the unavailability of surface water accounts for \$0.3 million of the positive variance, 2) field maintenance and distribution repairs were lower than anticipated, and 3) other positive variances are due primarily to budgetary timing differences.

Operating capital project expenditures in March were minimal. The total budget for the year is \$1.1 million

The District's capital improvement project (CIP) budget for 2015 is \$18.3 million. To date, \$2.8 million has been spent, while \$5.3 million is encumbered. Expenditures continue to be primarily in distribution system replacements, well improvement and meter retrofits.

Debt – March 2015

This report shows District activity in repaying its long-term debt obligations. Scheduled principal payments of \$3.8 million are not due until the end of October. Total principal outstanding as of March 31 is \$93.4 million.

Investments Outstanding and Activity – March 2015

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 market portfolio is currently earning a rate of 1.09% per annum, while LAIF is earning 0.26% per annum. Unrealized market value gains on the District's investment portfolio are valued at \$0.01 million as of March 31, 2015. The unrealized market value gain reflects a shortening of the portfolio's duration in anticipation of rates increasing. 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 US Treasury Note for \$0.5 million (par), one Asset-Backed Security for \$0.2 million (par), one Federal Agency Collateralized Mortgage Obligation for \$0.1 million (par), one Municipal Bond for \$0.2 million (par) and four Corporate Notes for \$1.9 million (par). The District sold three US Treasury Notes for \$0.7 million (par), two Corporate Notes for \$1.3 million (par), paid down small principal of Federal Agency Collateralized Mortgage Obligation for \$213 (par) and one Federal Agency Security matured for \$0.8 million (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 – March 2015

During the month of March, the District made cash payments totaling \$3.9 million. The primary expenditures were – \$1.9 million for capital improvement projects (including expenditures for San Juan's portion of the pump back project), \$0.6 million for inventory and material, \$0.3 million for pumping and chemical costs, \$0.1 million for debt service, \$0.1 million for contract and consulting services and \$0.6 million for payroll, pension and health benefits.

Purchasing Card Expenditures – March 2015

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 \$9,617 for various purchases on the six District purchasing cards. Details by vendor and purpose are included in this report.

Directors Compensation and Expense Accounting – March 2015

Director meetings attended during the month of March 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 – March 2010 through February 2015

The first page in this report shows current market rate data. The overall yield curve decreased compared to the prior month. The yield on 30-year Treasury Bonds decreased by 32 basis points from the prior month to 2.53%, and short-term rates increased 2 basis points to 0.02%. 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 3.54% while the short-term rate was at 3 basis points as the Federal Reserve Target Rate remained unchanged at 25 basis points.

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.

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 March 31 are \$45,984,944 compared to \$44,812,011 at December 31, 2014.

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.

Financial Statements
March 31, 2015

**Sacramento Suburban Water District
Balance Sheet**

As Of

	Month End 03/31/15	Year End 12/31/14
ASSETS		
CURRENT ASSETS		
Cash and cash equivalents	\$2,732,338.88	\$1,313,305.30
Restricted Cash and cash equivalents	47,584.46	32,270.61
Accounts receivable, net of allowance for uncollectible accounts	1,393,402.38	2,027,912.76
Interest receivable	115,890.48	105,770.14
Restricted Interest receivable	3,151.73	10,807.98
Grants receivables	33,969.64	33,969.64
Other receivables	62,867.69	62,867.69
Inventory	478,053.01	570,864.13
Prepaid expenses and other assets	678,844.32	453,270.56
TOTAL CURRENT ASSETS	5,546,102.59	4,611,038.81
NONCURRENT ASSETS		
Investments	39,688,571.70	39,959,089.90
Restricted Investments	3,513,297.60	3,497,003.35
TOTAL NONCURRENT ASSETS	43,201,869.30	43,456,093.25
Property, plant and equipment	415,719,208.78	412,759,799.55
Accumulated depreciation	(143,964,087.26)	(141,121,255.27)
TOTAL CAPITAL ASSETS	271,755,121.52	271,638,544.28
TOTAL ASSETS	320,503,093.41	319,705,676.34
DEFERRED OUTFLOWS OF RESOURCES		
Deferred amount on long-term debt refunding	8,446,681.01	8,607,461.99
Deferred outflow of effective swaps	675,593.00	675,593.00
TOTAL ASSETS AND DEFERRED OUTFLOWS OF RESOURCES	329,625,367.42	328,988,731.33
LIABILITIES		
CURRENT LIABILITIES		
Current portion of long-term debt and capital leases	3,795,000.00	3,795,000.00
Accounts payable	492,120.55	1,978,188.86
Accrued interest	1,003,347.52	458,417.02
Deferred revenue and other liabilities	662,598.01	677,961.49
Accrued expenses	66,409.61	425,832.12
TOTAL CURRENT LIABILITIES	6,019,475.69	7,335,399.49
NONCURRENT LIABILITIES		
Long-term debt	99,600,683.78	99,733,879.08
Compensated absences	993,750.46	921,934.18
Fair value of interest rate swaps	675,593.00	675,593.00
TOTAL NONCURRENT LIABILITIES	101,270,027.24	101,331,406.26
TOTAL LIABILITIES	107,289,502.93	108,666,805.75
DEFERRED INFLOWS OF RESOURCES		
NET POSITION		
Invested in capital assets, net of related debt	176,717,127.19	176,717,127.19
Restricted	3,540,081.94	3,540,081.94
Unrestricted	42,078,655.36	40,064,716.45
TOTAL NET POSITION	222,335,864.49	220,321,925.58
TOTAL LIABILITIES, DEFERRED INFLOWS AND NET POSITION	329,625,367.42	328,988,731.33

**Sacramento Suburban Water District
Income Statement**

Period Ended

	Month	Year-To-Date	Month	Year-To-Date
	03/31/15	03/31/15	03/31/14	03/31/14
OPERATING REVENUES				
Water consumption sales	\$435,921.38	\$1,400,301.37	\$486,194.54	\$1,628,385.78
Water service charge	537,968.25	1,546,009.71	518,486.04	1,474,836.30
Capital facilities charge	1,802,180.17	5,120,201.67	1,728,276.22	4,947,205.24
Wheeling water charge	366.24	1,115.40	340.08	1,144.08
Other charges for services	78,260.47	265,749.17	99,558.55	324,162.25
TOTAL OPERATING REVENUES	2,854,696.51	8,333,377.32	2,832,855.43	8,375,733.65
OPERATING EXPENSES				
Source of supply	4,029.28	12,087.84	4,029.28	12,087.84
Pumping	467,668.52	934,647.35	296,348.94	799,995.33
Transmission and distribution	205,906.44	582,849.75	358,238.65	698,684.10
Water conservation	39,688.95	77,213.42	33,049.13	67,955.67
Customer accounts	104,385.65	251,649.30	87,585.34	265,896.74
Administrative and general	446,325.40	1,298,489.68	388,726.57	1,231,453.98
TOTAL OPERATING EXPENSES	1,268,004.24	3,156,937.34	1,167,977.91	3,076,073.66
Operating income before depreciation	1,586,692.27	5,176,439.98	1,664,877.52	5,299,659.99
Depreciation and amortization	(946,717.75)	(2,842,831.99)	(1,019,628.76)	(2,743,589.22)
OPERATING INCOME	639,974.52	2,333,607.99	645,248.76	2,556,070.77
NON-OPERATING REV. (EXP.)				
Rental income	30,730.55	69,192.20	27,035.96	70,113.43
Interest and investment income	119,643.14	336,660.61	(91,666.43)	165,079.87
Interest expense	(361,525.68)	(965,587.55)	(307,324.71)	(972,961.25)
Other non-operating revenues	(93.15)	17,469.14	4,377.25	4,737.68
Other non-operating expenses		0.99	33.01	0.79
Gain(loss) on disposal of capital assets	6,251.53	6,251.53	16,414.00	16,414.00
NON-OPERATING REV. (EXP.)	(204,993.61)	(536,013.08)	(351,130.92)	(716,615.48)
NET INCOME (LOSS) BEFORE CAPITAL	434,980.91	1,797,594.91	294,117.84	1,839,455.29
CAPITAL CONTRIBUTIONS				
Facility development charges	207,880.00	207,880.00	12,843.00	109,367.00
Federal, state and local capital grants	7,839.00	8,464.00		1,944.00
TOTAL CAPITAL CONTRIBUTIONS	215,719.00	216,344.00	12,843.00	111,311.00
CHANGE IN NET POSITION	650,699.91	2,013,938.91	306,960.84	1,950,766.29
Net position at beginning of period	221,685,164.58	220,321,925.58	210,321,933.37	208,678,127.92
NET POSITION AT END OF PERIOD	222,335,864.49	222,335,864.49	210,628,894.21	210,628,894.21

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

	Month Of March			2015 YTD		
	Actual	Budget	Variance	Actual	Budget	Variance
BUDGETED OPERATING EXPENSES						
Board of Directors	\$6,490.47	\$6,706.11	\$215.64	\$10,525.90	\$13,118.33	\$2,592.43
Administrative	140,097.31	174,532.24	34,434.93	458,284.73	513,576.72	55,291.99
Finance	99,126.72	106,642.15	7,515.43	208,688.82	257,076.45	48,387.63
Customer Services	104,385.65	111,910.92	7,525.27	251,728.30	335,732.76	84,004.46
Field Operations	24,800.25	32,876.63	8,076.38	73,383.15	98,129.89	24,746.74
Production	471,697.80	478,892.46	7,194.66	946,735.19	1,433,948.31	487,213.12
Distribution	118,070.47	169,174.52	51,104.05	334,852.95	507,503.56	172,650.61
Field Services	87,835.97	89,364.75	1,528.78	247,996.80	268,394.25	20,397.45
Maintenance	34,397.65	56,460.12	22,062.47	96,661.84	169,380.37	72,718.53
Water Conservation	39,688.95	43,338.95	3,650.00	77,213.42	130,016.85	52,803.43
Engineering	74,146.38	84,665.33	10,518.95	212,227.51	253,950.99	41,723.48
GIS/CAD	22,990.05	30,007.86	7,017.81	69,063.00	86,023.58	16,960.58
Human Resources	10,660.77	14,176.43	3,515.66	34,543.88	59,778.04	25,234.16
MIS	33,615.80	69,270.40	35,654.60	135,031.85	207,811.20	72,779.35
TOTAL OPERATING EXPENSES	1,268,004.24	1,468,018.87	200,014.63	3,156,937.34	4,334,441.30	1,177,503.96

SACRAMENTO SUBURBAN WATER DISTRICT
 OPERATING CAPITAL BUDGET
 3/31/2015

Project Number	Project Name	Total Approved 2015 Budget	Total Approved Reallocated Budget	Current Month Expenditures	Expenditures Year-To-Date	Committed Year- To-Date	Remaining Balance
SF15-325	PUMP CNTRL VL PROJECT BLANKETS	\$ 19,000.00	\$ 19,000.00	\$	\$	\$ 8,752.00	\$ 10,248.00
SF15-333	OFFICE CHAIRS-WALNUT FACILITY	2,500.00	2,500.00	2,419.07	2,419.07		80.93
SF15-334	VEHICLE REPL-TRUCK #33	105,825.00	105,825.00				105,825.00
SF15-335	ASPHALT REPAIR/REPL-WELL SITES	27,000.00	27,000.00				27,000.00
SF15-336	PROD METER REPL/MAGMETERS	30,000.00	30,000.00				30,000.00
SF15-337	UCMR3	15,000.00	15,000.00				15,000.00
SF15-338	DEMOLITION HAMMER/2 GENERATORS	6,200.00	6,200.00	1,175.51	3,119.49		3,080.51
SF15-339	OFFICE FURNITURE REPL/PURCHASE	3,000.00	3,000.00				3,000.00
SF15-340	REPL BARB/RAZOR WIRE-WALNUT YD	10,000.00	10,000.00	9,945.00	9,945.00		55.00
SF15-341	REPL PARKING PAVER-ANTELOPE	20,000.00	20,000.00				20,000.00
SF15-342	DISTRICT FACILITIES PAINTING	62,500.00	62,500.00				62,500.00
SF15-343	REPL HVAC/ROOF-DIST FACILITIES	30,000.00	30,000.00				30,000.00
SF15-344	2015 URBAN WATER MASTER PLAN	80,000.00	80,000.00				80,000.00
SF15-345	UPDATE WATER SYS MASTER PLAN	250,000.00	250,000.00				250,000.00
SF15-346	CONSTRUCTION SAFETY EQUIPMENT	25,000.00	25,000.00				25,000.00
SF15-347	REMODEL MARCONI OFFICE	180,000.00	180,000.00				180,000.00
SF15-348	REFRESH PROGRAM - 5 DESKTOPS	12,500.00	12,500.00				12,500.00
SF15-349	REFRESH PROGRAM - 8 LAPTOPS	15,400.00	15,400.00				15,400.00
SF15-350	REFRESH PROGRAM - 3 SERVERS	32,000.00	32,000.00				32,000.00
SF15-351	ADD CAPABILITY/VIEW READ ONWEB	15,000.00	15,000.00				15,000.00
SF15-352	NEW APP TO USE VIA SMART PHONE	10,000.00	10,000.00				10,000.00
SF15-353	STUDY NEW FIN ACCTG SYSTEM	15,000.00	15,000.00				15,000.00
SF15-354	GPS LOCATE ASSET PILOT	50,000.00	50,000.00				50,000.00
SF15-355	REFRESH PROGRAM- REPL 3 COPIERS	50,000.00	50,000.00				50,000.00
SF15-356	ON-DEMAND ROUTING WO/SO	10,000.00	10,000.00				10,000.00
SF15-357	PDC ENHANCEMENTS/PRODUCTION DE	15,000.00	15,000.00				15,000.00
SF15-358	BUS INTELLIGEN/OPER REPORTING	20,000.00	20,000.00				20,000.00
SF15-359	INVENTORY CHECKOUT SCANNING	20,000.00	20,000.00				20,000.00
SF15-360	KV/MONITOR/KEYBOARD REPL	10,000.00	10,000.00				10,000.00
		\$ 1,140,925.00	\$ 1,140,925.00	\$ 13,539.58	\$ 15,483.56	\$ 8,752.00	\$ 1,116,689.44

**Sacramento Suburban Water District
Capital Improvement Project Budget
3/31/2015**

Project No.	Project Name	Total Approved FY 15 Budget	Total Approved Reallocated Budget	Current Month Expenditures	Expenditures Year- To-Date	Committed Year-To- Date	Remaining Balance
SC15-007	GROUNDWTR MONITORING/MODELING	\$ 50,000.00	\$ 200,000.00 ¹	\$ -	\$ -	\$ -	\$ 200,000.00
SC15-009	WELL REHAB/PUMP ST IMPROVEMENT	890,000.00	890,000.00	\$67,282.00	90,082.01	97,133.99	702,784.00
SC15-010	SCADA RTU/COMMUN IMPROVEMENT	300,000.00	300,000.00	451.60	451.60	-	299,548.40
SC15-011	WELLHEAD TREATMENT/CHEM FEED	270,000.00	270,000.00	-	-	-	270,000.00
SC15-011A	CHROMIUM 6 OPERATIONS PLAN	100,000.00	100,000.00	-	-	-	100,000.00
SC15-012	WELL REPLACEMENTS	2,450,000.00	2,450,000.00	19,212.95	226,138.50	144,840.50	2,079,021.00
SC15-013	ELEC ARC FLASH MOD @WELL SITES	100,000.00	100,000.00	5,000.00	5,000.00	-	95,000.00
SC15-018	DISTRIBUTION MAIN REPLACEMENTS	9,700,000.00	9,060,000.00 ¹	1,004,197.97	1,475,252.79	3,829,987.78	3,754,758.43
SC15-019	DIST MAIN IMPRV/EXT/INTERTIES	500,000.00	500,000.00	184,033.66	246,322.98	405,957.74	(152,280.72)
SC15-022	LOWERING/RAISING VALVE BOXES	150,000.00	150,000.00	-	-	-	150,000.00
SC15-024	METER RETROFIT PROGRAM	1,425,000.00	1,425,000.00	296,970.10	494,501.63	429,560.62	500,937.75
SC15-024A	VOLUNTARY METER RETROFIT PROGR	75,000.00	75,000.00	2,326.64	5,179.92	1,800.00	68,020.08
SC15-024B	2013/14CALFED GRANT-MTR RETROF	188,000.00	188,000.00	-	-	-	188,000.00
SC15-027	DISTRIB MAJOR REPAIRS	350,000.00	350,000.00	13,110.30	81,983.14	7,690.00	260,326.86
SC15-028	DISTRIB SYSTEM IMPRV	375,000.00	375,000.00	31,950.00	37,616.37	37,668.00	299,715.63
SC15-034	RESERVIOR/TANK IMPROVMENT	150,000.00	300,000.00 ¹	10,140.06	15,133.30	190,826.96	94,039.74
SC15-034A	CORROSION CONTRL/CMLC WTR MAIN	50,000.00	50,000.00	-	-	3,105.00	46,895.00
SC15-035	PROFESSIONAL/SPECIAL PROJ	200,000.00	200,000.00	9,226.50	15,338.54	4,042.68	180,618.78
SC15-038	LARGE WTR METER >3" REPL	140,000.00	140,000.00	9,000.00	11,404.93	38,190.00	90,405.07
SC15-039	FIRE HYDRANT REPL/REHAB/ADD	200,000.00	200,000.00	10,410.00	24,498.00	30,297.00	145,205.00
SC15-040	ENGINE GENERATOR COMPLIANCE	75,000.00	75,000.00	-	-	-	75,000.00
SC15-042	METER REPLACE/REPAIR - WMP	100,000.00	100,000.00	-	-	-	100,000.00
SC15-043	ANTELOPE PUMP AROUND	360,000.00	700,000.00 ¹	9,478.11	62,736.74	7,241.96	630,021.30
SC15-044	CAPITAL IMPRV CTR(SJWD AGREEM)	7,000.00	7,000.00	-	-	-	7,000.00
SC15-045	ENTERPRISE INTERTIE IMPROVEMEN	52,000.00	52,000.00	-	-	-	52,000.00
Totals SSWD		\$ 18,257,000.00	\$ 18,257,000.00	\$ 1,667,789.89	\$ 2,791,640.45	\$ 5,228,342.23	\$ 10,237,017.32
SC15-043A	ANTELOPE PUMP BACK PROJECT (SJWD)			\$ 35,655.71	\$ 156,556.10	\$ 14,586.22	

**Sacramento Suburban Water District
Debt
3/31/2015**

Current Month

	Series 2009A COP	Series 2009B COP	Series 2012A	Total
Beginning Balance	\$ 42,000,000	\$ 27,915,000	\$ 23,440,000	\$ 93,355,000
Additions:				
Reductions:				
Payment	-	-	-	-
Ending Balance	<u>\$ 42,000,000</u>	<u>\$ 27,915,000</u>	<u>\$ 23,440,000</u>	<u>\$ 93,355,000</u>

Year-To-Date

	Series 2009A COP	Series 2009B COP	Series 2012A	Total
Beginning Balance	\$ 42,000,000	\$ 27,915,000	\$ 23,440,000	\$ 93,355,000
Additions:				
Reductions:				
Payment	-	-	-	-
Ending Balance	<u>\$ 42,000,000</u>	<u>\$ 27,915,000</u>	<u>\$ 23,440,000</u>	<u>\$ 93,355,000</u>

**Investments Outstanding and Activity
March 2015**

SACRAMENTO SUBURBAN WATER DISTRICT
INVESTMENTS OUTSTANDING - OPERATING FUND

Detail of Securities Held:

March 31, 2015

MONTH END:

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
CORPORATE NOTE	713448C86	PERSCO INC GLOBAL NOTES	340,000.00	0.700	2/26/2016	A-	2/25/2013	2/28/2013	339,881.00	0.71	231.39	749.70	340,630.70
	4662JEU04	JPMORGAN CHASE & CO GLOBAL NOTES	500,000.00	1.125	2/26/2016	A	2/21/2013	2/26/2013	499,395.00	1.17	546.88	1,812.50	501,207.50
	06406HBX6	BANK OF NEW YORK MELLON	350,000.00	2.300	7/28/2016	A+	6/28/2013	6/29/2013	362,705.00	1.38	1,408.75	(5,736.15)	356,968.85
	91159HHB9	US BANKCORP (CALLABLE)	1,000,000.00	2.200	1/15/2016	A+	2/15/2013	2/21/2013	1,049,940.00	1.02	8,311.11	(21,940.00)	1,021,000.00
	46622EY6	JPMORGAN CHASE & CO	500,000.00	2.300	2/15/2017	A+	2/12/2014	2/18/2014	499,750.00	1.37	862.50	2,182.00	501,932.00
	084648B9	BERKSHIRE HATHAWAY FIN GLOBAL NOTE	300,000.00	1.350	5/15/2017	AA	1/8/2013	3/5/2013	354,987.50	1.26	2,115.56	270.90	355,258.40
	2442ESN0	JOHN DEERE CAPITAL CORP NOTES	670,000.00	1.125	6/12/2017	AA	6/12/2014	6/13/2014	669,685.10	1.14	2,282.19	2,576.15	672,261.25
	4034CAK43	HSBC USA INC	290,000.00	1.300	6/23/2017	A+	6/16/2014	6/23/2014	289,559.20	1.35	1,026.28	1,430.28	290,989.48
	14912LGD8	CATERPILLAR FINANCIAL SE	440,000.00	1.250	8/18/2014	A	8/13/2014	8/20/2014	439,780.00	1.27	656.94	2,588.52	442,368.52
	0238M0D7	AMERICAN EXPRESS CREDIT CORP NOTES	215,000.00	1.550	9/22/2014	A-	9/18/2014	9/23/2014	214,711.90	1.60	83.31	1,882.54	216,594.44
	16676AA8	CHERYON CORP (CALLABLE) GLOBAL NOTES	150,000.00	1.104	12/5/2014	AA	11/28/2012	12/5/2012	150,811.50	0.99	533.00	(678.75)	150,132.75
	16676AA8	CHERYON CORP (CALLABLE) GLOBAL NOTES	220,000.00	1.104	12/5/2014	AA	11/28/2012	12/5/2012	220,000.00	1.10	782.61	194.70	220,194.70
	45920BHK0	IBM CORP GLOBAL NOTES	485,000.00	1.250	2/8/2018	AA-	2/5/2013	2/8/2013	482,778.00	1.35	892.53	3,925.11	486,703.81
	06460BHO	BERKSHIRE HATHAWAY GLOBAL NOTE (EX-CALL)	525,000.00	1.550	2/9/2018	AA-	1/29/2013	2/11/2013	524,270.25	1.58	1,175.42	7,115.83	531,386.10
	06460BHC6	BANK OF NEW YORK MELLON (CALLABLE) NOTE	800,000.00	1.350	3/6/2018	A+	3/4/2013	3/6/2013	799,884.00	1.36	375.00	184.80	800,068.80
	30231CAL6	EXXON MOBIL CORP NOTES	500,000.00	1.625	4/2/2018	AAA	3/4/2013	3/6/2013	501,285.00	1.31	725.00	4,605.60	804,605.60
	36962GW9	GENERAL ELEC DAP CORP GLOBAL NOTES	260,000.00	1.000	5/1/2018	AA+	4/10/2013	4/15/2013	259,836.20	1.57	4,039.93	2,454.00	503,279.00
	931142DF7	WAL-MART STORES INC GLOBAL NOTES	415,000.00	1.125	4/1/2018	AA	4/4/2013	4/11/2013	414,618.20	1.14	2,204.60	887.69	415,505.89
	594918A3	APPLE INC GLOBAL NOTES	680,000.00	1.000	5/13/2018	AAA	4/25/2013	5/2/2013	680,000.00	1.01	1,083.33	(140.40)	679,859.80
	037833J19	MICROSOFT CORP GLOBAL NOTES	375,000.00	1.718	6/24/2018	AA	6/17/2013	6/24/2013	473,247.25	1.08	1,932.78	(1,018.87)	472,228.38
	16676AAE0	CHERYON CORP GLOBAL NOTES	475,000.00	1.000	5/13/2018	AA	4/25/2013	5/2/2013	475,000.00	1.00	1,347.76	668.618.32	475,618.32
	17757RA83	CISCO SYSTEM INC GLOBAL NOTES	375,000.00	1.125	3/1/2019	AA-	8/29/2014	9/4/2014	378,562.50	1.90	664.06	4,116.00	382,678.50
	02665VAH4	AMERICAN HONDA FINANCE GLOBAL NOTES	800,000.00	2.250	9/4/2019	A+	9/4/2014	9/9/2014	798,520.00	2.29	2,300.00	15,089.60	813,609.60
	9497BCF1	WELLS FARGO & COMPANY	400,000.00	2.150	1/30/2020	A+	2/2/2015	2/5/2015	402,796.00	2.00	1,409.44	(732.40)	402,063.60
	89236TC0	TOYOTA MOTOR CORP NOTES	250,000.00	2.150	3/12/2020	AA-	3/23/2015	3/12/2015	252,220.00	1.96	281.68	98.75	252,318.75
	003824K23	ABBOTT LABORATORIES	550,000.00	2.000	3/15/2020	A+	3/24/2015	3/17/2015	553,635.50	1.86	641.67	(68.45)	552,947.05
FED AGENCY BOND/NOTE			11,940,000.00						12,005,893.80	1.43	397,364.41	30,470.99	12,036,330.79
	3130A0GK0	FHLB (CALLABLE) GLOBAL NOTES	750,000.00	0.375	12/30/2015	AA+	12/12/2013	12/30/2013	749,775.00	0.39	710.94	762.75	750,537.75
	3130A0SD3	FEDERAL HOME LOANS BANKS GLOBAL NOTES	2,300,000.00	0.375	12/30/2015	AA+	10/2/2014	10/6/2014	2,301,541.00	0.33	1,006.25	(340.40)	2,301,200.60
	3137EADH9	FREDDIE MAC GLOBAL NOTES	1,890,000.00	1.000	6/29/2014	AA+	8/11/2014	8/13/2014	508,477.00	0.97	1,277.78	2,306.00	502,783.00
	3137EADH9	FREDDIE MAC GLOBAL NOTES	1,890,000.00	1.000	6/29/2014	AA+	8/11/2014	8/13/2014	1,892,211.30	0.96	4,830.00	8,308.44	1,900,519.74
	3135GONZ3	FANNIE MAE GLOBAL NOTES	1,475,000.00	0.875	8/28/2017	AA+	9/6/2012	9/10/2012	1,478,658.00	0.82	1,111.37	(1,815.72)	1,476,842.28
	3137EADL0	FREDDIE MAC GLOBAL NOTES	225,000.00	1.000	9/29/2014	AA+	10/5/2012	10/5/2012	227,101.50	0.81	12.50	(1,403.32)	223,698.18
	3135GQP08	FANNIE MAE GLOBAL NOTES	845,000.00	0.875	10/26/2017	AA+	11/27/2013	12/3/2013	838,468.15	1.08	3,183.42	7,577.96	846,046.11
	3135GQWJ8	FANNIE MAE GLOBAL NOTES	500,000.00	0.875	5/21/2018	AA+	5/22/2013	5/21/2013	492,425.00	0.81	1,579.86	6,387.00	498,812.00
	3135GQWJ8	FANNIE MAE GLOBAL NOTES	1,050,000.00	1.000	5/21/2018	AA+	5/22/2013	5/24/2013	1,041,127.50	1.05	3,317.71	6,377.70	1,047,505.20
	3135GOYT4	FANNIE MAE GLOBAL NOTES	260,000.00	1.625	11/27/2018	AA+	10/22/2014	10/23/2014	262,470.00	1.39	1,455.28	1,659.06	264,129.06
	3135GOYT4	FANNIE MAE GLOBAL NOTES	650,000.00	1.625	11/27/2018	AA+	6/16/2014	6/19/2014	650,019.50	1.62	3,638.19	10,303.15	660,322.65
	3137EADG1	FREDDIE MAC NOTES	400,000.00	1.750	5/30/2019	AA+	12/1/2014	12/3/2014	404,544.00	1.49	2,352.78	1,441.60	405,985.60
MUNICIPAL BOND/NOTE			10,845,000.00						10,838,817.95	0.86	24,476.08	41,564.22	10,880,382.17
	13063BN73	CA ST TXBL GO BONDS	345,000.00	1.050	2/1/2016	A+	3/13/2013	3/27/2013	346,166.10	0.93	603.75	282.90	346,449.00
	6842BLD10	ORANGE CNTY, CA TXBL REV PO BONDS	500,000.00	0.780	7/1/2017	AA-	1/9/2015	1/13/2015	500,000.00	0.78	845.00	(640.00)	499,360.00
	13017HAD8	CA EARTHQUAKE AUTH TXBL REV BONDS	215,000.00	1.824	7/1/2017	NR	10/29/2014	11/6/2014	215,000.00	1.82	980.40	862.15	215,862.15
	13063CF09	CA ST TXBL GO BONDS	750,000.00	1.750	1/1/2017	A+	10/22/2013	11/5/2013	752,677.50	1.66	5,468.75	5,895.00	758,572.50
	9142GSD9	UNIV OF CAL TXBL REV BONDS	695,000.00	2.054	5/15/2018	AA	9/28/2013	10/23/2013	695,000.00	2.05	5,392.80	15,484.60	710,484.60
	20772ZJK1	CT ST TXBL GO BONDS	230,000.00	1.974	3/15/2019	AA	3/16/2015	3/25/2015	232,946.30	1.90	756.67	(526.70)	230,119.60
FEDERAL AGENCY COLLATERALIZED MORTGAGE OBLIGATION			2,735,000.00						2,739,489.90	1.51	13,366.46	21,357.95	2,760,847.85
	3136AMMCO	FNMA-ACES 2015-M3FA	144,787.09	0.392	6/1/2018	AA+	2/1/2015	2/27/2015	144,749.26	0.39	48.87	17.27	144,766.53
	3136AMTMO	FNMA SERIES M4 FA	130,000.00	0.385	9/25/2018	AA+	3/1/2015	3/31/2015	129,966.68	0.38	9.72	216.10	130,182.78
CERTIFICATE OF DEPOSIT			274,787.09						274,715.94	0.39	58.59	233.37	274,949.31
	05574BDW7	BMO HARRIS BANK NA CERT DEPOS	800,000.00	0.540	2/10/2016	A-1	2/11/2015	2/13/2015	800,000.00	0.54	564.00	(31.14)	799,968.86
	96121WF1	WESTPAC BANKING CORP NY LT FLOAT CD	875,000.00	0.406	4/15/2016	A-1+	4/16/2014	4/17/2014	875,000.00	0.41	800.40	704.38	875,704.38
	21684BV0	RABOBANK NEDERLAND NV NY CD	1,075,000.00	0.716	5/6/2016	A-1+	5/9/2014	5/13/2014	1,075,000.00	0.71	3,101.26	(280.57)	1,074,719.43
	06417HMU7	BANK OF NOVA SCOTIA HOUSE CD FLOAT	800,000.00	0.400	6/10/2016	A+	6/11/2014	6/13/2014	874,471.50	0.28	237.74	386.75	874,858.25
	38147JZL5	GOLDMAN SACHS BANK USA CD	800,000.00	0.910	8/12/2016	A-1	8/14/2014	8/19/2014	800,000.00	0.90	808.77	(694.00)	799,304.00
	40428AC54	HSBC BANK US NA CD	600,000.00	0.880	8/12/2016	A-1+	2/11/2015	2/13/2015	600,000.00	0.88	689.33	2,878.20	602,878.20
			5,025,000.00						5,024,471.30	0.61	6,201.50	2,961.62	5,027,433.12

SACRAMENTO SUBURBAN WATER DISTRICT
INVESTMENTS OUTSTANDING - OPERATING FUND

														MONTH END: March 31, 2015	
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		
ASSET-BACKED SECURITY															
	43814KAB7	HONDA ABS 2015-1-A2	165,000.00	0.700	6/15/2017	AAA	1/21/2015	1/28/2015	164,991.59	0.70	51.33	4.16	164,995.55		
	8923WA84	TOYOTA AUTO RECEIVABLES OWNER ABS NOTES	155,000.00	0.710	7/15/2017	AAA	2/24/2015	3/4/2015	154,998.53	0.71	48.91	68.12	155,066.65		
	34530PAC6	FORD ABS 2014-C A2	500,000.00	0.610	8/15/2017	AAA	1/23/2015	1/28/2015	499,765.63	0.63	135.56	196.87	499,962.50		
	17406SEFP0	CITIBK CREDIT CRD ISSUANCE	300,000.00	1.020	2/22/2019	AAA	3/17/2015	3/20/2015	299,589.84	1.03	331.50	579.66	300,169.50		
			1,120,000.00						1,119,345.39	0.77	567.30	848.81	1,120,194.20		
US TSY BOND/NOTE															
	91282BDY9	US TREASURY NOTES	1,250,000.00	4.125	5/15/2015	AA+	6/27/2012	6/28/2012	1,381,787.11	0.44	19,513.98	(125,927.11)	1,255,860.00		
	91282BMDY	US TREASURY NOTES	550,000.00	3.250	12/31/2014	AA+	10/20/2014	11/3/2014	581,496.09	0.58	4,493.44	(5,113.14)	576,382.95		
	91282BSM3	US TREASURY NOTES	1,335,000.00	1.000	3/31/2017	AA+	3/19/2014	3/21/2014	1,338,076.76	0.92	36.48	8,082.51	1,346,159.27		
	91282BUAG	US TREASURY NOTES	525,000.00	0.625	11/30/2017	AA+	5/6/2014	5/9/2014	514,910.16	1.18	1,099.76	7,874.87	522,785.03		
	91282BV00	US TREASURY NOTES	550,000.00	1.375	7/31/2018	AA+	2/22/2015	2/4/2015	538,550.78	0.92	1,253.45	(2,148.23)	556,402.55		
	91282BA34	US TREASURY NOTES	235,000.00	1.250	11/30/2018	AA+	6/27/2014	6/3/2014	233,356.84	1.41	984.55	2,763.17	236,120.01		
	91282BA75	US TREASURY NOTES	450,000.00	1.500	12/31/2018	AA+	12/29/2014	12/31/2014	449,560.55	1.53	1,696.82	6,415.90	455,976.45		
	91282BB33	US TREASURY NOTES	830,000.00	1.500	11/30/2018	AA+	7/29/2014	7/31/2014	826,141.79	1.61	2,063.34	14,622.48	840,764.27		
	91282BC65	US TREASURY NOTES	225,000.00	1.625	3/31/2019	AA+	9/22/2014	9/4/2014	225,246.09	1.60	9.99	3,550.79	228,796.88		
	91282BF39	US TREASURY NOTES	475,000.00	1.750	9/30/2019	AA+	3/26/2015	3/27/2015	482,346.21	1.36	22.71	1,688.24	484,034.45		
	91282BTRI	US TREASURY NOTES	1,100,000.00	1.000	9/3/2019	AA+	2/26/2015	2/27/2015	1,079,503.91	1.42	30.05	5,638.49	1,085,132.40		
			7,525,000.00						7,670,996.29	1.08	31,204.77	(82,262.03)	7,388,434.26		
TOTAL PFM INVESTMENT PORTFOLIO															
			39,464,787.09						39,673,696.77	1.09	115,611.11	14,874.93	39,688,571.70		
US TSY MONEY MKT															
	431114503	US TREASURY MONEY MARKET	52,552.29			OVERNIGHT			52,552.29	0.00	-	-	52,552.29		
	9034005	LOCAL-AGENCY INVESTMENT FUND	343,053.25			OVERNIGHT			343,053.25	0.26	279.37	16.52	343,069.77		
			39,860,392.63						40,069,302.31		115,890.48	14,891.45	40,084,193.76		
TOTAL SECURITIES															

Investment Activity
March 2015



Managed Account Security Transactions & Interest

For the Month Ending March 31, 2015

SACRAMENTO SUBURBAN WATER DISTRICT 76850100

Transaction Type	Trade	Settle	Security Description	CUSIP	Par	Principal Proceeds	Accrued Interest	Total	Realized G/L	Amort Cost	Sale Method
BUY											
	02/24/15	03/04/15	TOYOTA AUTO RECEIVABLES OWNER ABS NOTES	89236WAB4	155,000.00	(154,998.53)	0.00	(154,998.53)			
			DTD 03/04/2015 0.710% 07/15/2017								
	03/04/15	03/06/15	EXXON MOBIL CORP NOTES	30231GAL6	800,000.00	(800,000.00)	0.00	(800,000.00)			
			DTD 03/06/2015 1.305% 03/06/2018								
	03/12/15	03/31/15	FNMA SERIES M4 FA	3136AMTV1	130,000.00	(129,966.68)	(41.65)	(130,008.33)			
			DTD 03/01/2015 0.385% 09/25/2018								
	03/16/15	03/25/15	CT ST TXBL GO BONDS	20772ZK1	230,000.00	(230,646.30)	0.00	(230,646.30)			
			DTD 03/25/2015 1.974% 03/15/2019								
	03/17/15	03/20/15	CITIBK CREDIT CRD ISSUANCE (EX-CALLABLE)	17305EFN0	300,000.00	(299,589.84)	(238.00)	(299,827.84)			
			DTD 03/05/2014 1.020% 02/22/2019								
	03/23/15	03/27/15	TOYOTA MOTOR CORP NOTES	89236TCF0	250,000.00	(252,220.00)	(223.96)	(252,443.96)			
			DTD 03/12/2015 2.150% 03/12/2020								
	03/24/15	03/27/15	ABBOTT LABORATORIES	002824AZ3	550,000.00	(553,635.50)	(519.44)	(554,154.94)			
			DTD 03/10/2015 2.000% 03/15/2020								
	03/26/15	03/27/15	US TREASURY NOTES	912828F39	475,000.00	(482,366.21)	(4,064.90)	(486,431.11)			
			DTD 09/30/2014 1.750% 09/30/2019								
Transaction Type Sub-Total						2,890,000.00	(2,903,423.06)	(5,087.95)	(2,908,511.01)		
INTEREST											
	03/01/15	03/01/15	CISCO SYSTEMS INC GLOBAL NOTES	17275RAR3	375,000.00	0.00	3,984.38	3,984.38			
			DTD 03/03/2014 2.125% 03/01/2019								
	03/01/15	03/25/15	FNMA SERIES 2015-M3 FA	3136AMMCO	145,000.00	0.00	44.21	44.21			
			DTD 02/01/2015 0.392% 06/01/2018								
	03/02/15	03/02/15	MONEY MARKET FUND	MONEY0002	0.00	0.00	0.28	0.28			
			BANK OF NEW YORK MELLON (CALLABLE)	06406HCJ6	400,000.00	0.00	2,700.00	2,700.00			
			DTD 03/06/2013 1.350% 03/06/2018								
	03/10/15	03/10/15	BANK OF NOVA SCOTIA HOUS CD FLOAT	06417HMU7	875,000.00	0.00	913.50	913.50			
			DTD 06/13/2014 0.445% 06/10/2016								
	03/15/15	03/15/15	FORD ABS 2014-C A2	34530PAC6	500,000.00	0.00	254.17	254.17			
			DTD 11/25/2014 0.610% 08/15/2017								



PFM Asset Management LLC



Managed Account Security Transactions & Interest

For the Month Ending March 31, 2015

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
INTEREST											
	03/15/15	03/15/15	HONDA ABS 2015-1 A2	43814KAB7	165,000.00	0.00	96.25	96.25			
			DTD 01/28/2015 0.700% 06/15/2017								
	03/22/15	03/22/15	AMERICAN EXPRESS CREDIT CORP NOTES	0258M0DR7	215,000.00	0.00	1,656.99	1,656.99			
			DTD 09/23/2014 1.550% 09/22/2017								
	03/27/15	03/27/15	FHLB NOTES (CALLED, OMD 3/27/17)	3130A1CR7	830,000.00	0.00	6,743.75	6,743.75			
			DTD 03/27/2014 1.625% 03/27/2015								
	03/29/15	03/29/15	FREDDIE MAC GLOBAL NOTES	3137EADL0	225,000.00	0.00	1,125.00	1,125.00			
			DTD 08/10/2012 1.000% 09/29/2017								
	03/31/15	03/31/15	US TREASURY NOTES	912828TR1	1,100,000.00	0.00	5,500.00	5,500.00			
			DTD 10/01/2012 1.000% 09/30/2019								
	03/31/15	03/31/15	US TREASURY NOTES	912828F39	475,000.00	0.00	4,156.25	4,156.25			
			DTD 09/30/2014 1.750% 09/30/2019								
	03/31/15	03/31/15	US TREASURY NOTES	912828C65	225,000.00	0.00	1,828.13	1,828.13			
			DTD 03/31/2014 1.625% 03/31/2019								
	03/31/15	03/31/15	US TREASURY NOTES	912828SM3	1,335,000.00	0.00	6,675.00	6,675.00			
			DTD 03/31/2012 1.000% 03/31/2017								
Transaction Type Sub-Total					6,865,000.00	0.00	35,677.91	35,677.91			
MATURITY											
	03/27/15	03/27/15	FHLB NOTES (CALLED, OMD 3/27/17)	3130A1CR7	830,000.00	830,000.00	0.00	830,000.00	(9,121.70)	0.00	
			DTD 03/27/2014 1.625% 03/27/2015								
Transaction Type Sub-Total					830,000.00	830,000.00	0.00	830,000.00	(9,121.70)	0.00	
PAYDOWNS											
	03/01/15	03/25/15	FNMA SERIES 2015-M3 FA	3136AMMCO	212.91	212.91	0.00	212.91	0.06	0.00	
			DTD 02/01/2015 0.392% 06/01/2018								
Transaction Type Sub-Total					212.91	212.91	0.00	212.91	0.06	0.00	
SELL											
	02/24/15	03/04/15	US TREASURY NOTES	912828DV9	150,000.00	151,207.03	1,863.09	153,070.12	(14,607.42)	109.31	SPEC LOT
			DTD 05/16/2005 4.125% 05/15/2015								



PFM Asset Management LLC



Managed Account Security Transactions & Interest

For the Month Ending March 31, 2015

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
SELL	03/03/15	03/06/15	APPLE INC CORP NOTE DTD 05/06/2014 1.050% 05/05/2017	037833AMZ	860,000.00	863,844.20	3,010.00	866,854.20	4,300.00	4,174.66	SPEC LOT
	03/16/15	03/25/15	US TREASURY NOTES DTD 03/31/2014 1.625% 03/31/2019	912828C65	225,000.00	226,916.02	1,767.86	228,683.88	1,669.92	1,698.05	SPEC LOT
	03/17/15	03/20/15	US TREASURY NOTES DTD 12/31/2009 3.250% 12/31/2016	912828MD9	275,000.00	287,847.66	1,950.45	289,798.11	(2,900.39)	(171.07)	SPEC LOT
	03/24/15	03/27/15	TOYOTA MOTOR CREDIT CORP DTD 05/17/2013 0.800% 05/17/2016	89236TAL9	460,000.00	461,150.00	1,328.89	462,478.89	1,338.60	1,222.13	SPEC LOT
Transaction Type Sub-Total					1,970,000.00	1,990,964.91	9,920.29	2,000,885.20	(10,199.29)	7,033.08	
Managed Account Sub-Total						(82,245.24)	40,510.25	(41,734.99)	(19,320.93)	7,033.08	
Total Security Transactions						(82,245.24)	\$40,510.25	(\$41,734.99)	(\$19,320.93)	\$7,033.08	



PFM Asset Management LLC

Account 76850100 Page 19

**Cash Expenditures
March 2015**

**Sacramento Suburban Water District
Cash Expenditures
March-15**

<u>Type</u>	<u>Payee</u>	<u># Inv</u>	<u>Purpose</u>	<u>Amount</u>
SSWD CIP PROJECTS				
	Coleman Engineering	1	Review of Regulations & Standards	\$ 9,226.50
	Ahlstrom Construction	3	Inspection Fees	8,890.00
	Area West Engineers	2	Project Engineering Services	18,140.00
	County of Sacramento Enviro Mgt	2	Well Permit Fees	1,067.00
	County of Sacramento Public Works	14	Project Inspections & Permits	15,460.47
	DCM Group	5	Labor Compliance Reporting	7,978.77
	Dolver Company Inc	3	McClellan System Repairs/Large Meters	22,666.41
	Domenichelli & Associates	1	Antelope Pump Back Project	19,620.00
	Doug Veerkamp General Engr	5	2015 Santa Anita Main Replacement Ph 2	932,661.61
	ERC Contracting	3	Santa Anita Main Survey	12,070.00
	GM Construction	1	North Country Club Ph 4	35,772.00
	GM Construction	1	Retention	96,533.33
	GM Construction	2	Santa Anita Main Replacement	333,265.50
	GM Construction	1	Well Site 13 Improvements	27,581.00
	GM Construction	1	Large Meter Project	9,000.00
	GM Construction	1	Fulton Ave Phase 2	77,148.30
	GM Construction	1	County Paving Requirements	11,400.00
	GM Construction	1	Distribution System Improvements	3,800.00
	GM Construction	1	4999 Hemlock Emergency Leak Repair	7,004.09
	Loewen Pump Maintenance	2	Well Rehabilitation	8,600.00
	Overland Pacific and Cutler	1	Real Estate Cost Study	1,255.00
	Performance Piping	1	Belcot Main Replacement	11,502.01
	Prodigy Electric	3	Tank Communication Upgrades	15,950.00
	Rawles Engineering	5	Heatherdale/Fulton El Camino - Various	97,650.00
	Sierra Valley Contractors	1	Inspection Services - Belcot	3,152.50
	SMUD	3	Plan Review - 3 Locations	15,000.00
	TESCO	1	Auburn Yard New VFD	22,370.00
	TetraTech Construction	1	Tank Communication Upgrades	34,351.00
	W.M. Lyles	1	Antelope Pump Back Project	21,000.00
	Wood Rodgers Engineering	3	Rutland Well	15,440.00
INVENTORY				
	Armorcast Products Company	3	Inventory/CIP Supplies	66,924.44
	Badger Meter	1	Inventory/CIP Supplies	45,327.17
	Corix Water Products	6	Inventory/CIP Supplies	95,892.00
	Compro	1	Inventory/CIP Supplies	540.00
	Groeniger and Company	5	Inventory/CIP Supplies	1,880.02
	HD Supply	24	Inventory/CIP Supplies	300,478.86
	KP Electronics	4	Inventory/CIP Supplies	98,220.00
	Pace Supply Corp	5	Inventory/CIP Supplies	4,074.03
SSWD OPERATIONS & MAINT. / OPERATING CAPITAL PROJ.				
	A&A Stepping Stone Inc	1	Top Soil	42.39
	ACWA	1	Legislative Symposium	245.00
	ACWA/JPIA Insurance/EAP	1	Employee Assistance Program	156.86
	ADP Inc	5	Payroll Processing Fees	3,649.09
	Advanced Integrated Pest Management	4	Pest Control Services	298.50
	AFLAC	1	Supplemental Insurance Plan	877.02
	Airgas USA LLC	2	Field Supplies	352.27
	Ameritas/Vision	1	Vision Insurance	1,829.84
	Answemet/Signius	1	Answering Service	226.85
	Astral Communications	1	Cradlepoint and Warranty	1,051.00
	AT&T Calnet2	5	Phone Service	4,260.22
	Atlas Disposal	2	Trash Removal Services	405.23
	Avalon Custodial Care	3	Janitorial Services	2,120.00
	Bay Alarm	1	Elevator Alarm	116.55
	Brower Mechanical	2	HVAC Maintenance	8,441.00

**Sacramento Suburban Water District
Cash Expenditures
March-15**

<u>Type</u>	<u>Payee</u>	<u># Inv</u>	<u>Purpose</u>	<u>Amount</u>
	Bryce Consulting	1	HR Consulting	160.00
	California Diesel and Power	3	Pump Site Maintenance	695.00
	California Urban Water Conservation	1	Annual Membership/Dues	4,509.12
	California EPA	1	Equipment Permit	575.00
	California Rural Water Association	1	Annual Membership/Dues	1,091.00
	California Surveying & Drafting	1	CAD/GIS Supplies	40.50
	Capitol Elevator Company	2	Monthly Elevator Service Contract	216.00
	CDWG	2	Computer Equipment Supplies	2,375.28
	Cell Energy	3	Equipment Batteries	1,546.45
	CIGNA/Dental	1	Dental Benefits	11,318.85
	CIGNA Healthcare	1	Life/LTD	3,380.86
	CINTAS	13	Uniforms and Janitorial Supplies - Walnut	1,898.52
	City of Sacramento	1	Annual Encroachment Permit	352.95
	Clear Vision Window Cleaning	1	Building Maintenance	225.00
	Comcast	2	Cable - Marconi	32.06
	Consolidated Communications	2	Telephone Services - Antelope	3,295.62
	Cotton Shoppe	2	Safety Items	1,354.48
	County of Sacramento Utilities	3	Monthly Utilities	858.68
	Crusader Fence Co	1	Razor Wire - Walnut	9,945.00
	Customer Refunds	114	Customer Refunds	14,070.32
	Dan York	1	Misc Out-of-Pocket Expense/Mileage	227.70
	Direct TV	1	Walnut Service	53.54
	Domco Plumbing	1	Customer Plumbing Repairs	175.00
	DST Output	17	Billing Production Processing & Postage	32,606.17
	Element	1	Web Based Payment Fee	372.50
SSWD OPERATIONS & MAINT. / OPERATING CAPITAL PROJ.				
	Emigh Hardware	11	Field Supplies	321.12
	Eurofins Eaton Analytical	5	Water Quality Lab Services	1,174.00
	Executive Promotional Products	1	Conservation Materials	1,025.53
	Federal Express Corporation	1	Express Shipping	237.39
	Fieldman, Rolapp & Associates	1	Swap Consultant	3,332.50
	Franchise Tax Board	1	Garnishment	400.00
	Future Ford	1	Vehicle Maintenance	72.27
	GM Construction	4	System Repairs/Concrete Restoration	14,923.41
	Grainger	2	Field Supplies	18.10
	Graybar	1	Production Supplies	496.15
	H2H Properties	1	Parking Lease Walnut	1,101.00
	Hach Company	1	Production Supplies	226.34
	Harrington Plastics	1	Production Supplies	303.54
	Harrold Ford	2	Vehicle Maintenance	124.56
	Hydraflo Inc	1	Distribution Supplies	240.00
	IS Tours/ Cap to Cap	1	Cap to Cap	3,695.00
	IN Communications	1	Community Outreach	5,827.50
	Iron Mountain Offsite Data Storage	2	Offsite Data Storage	744.02
	Irrigation Rebate	1	Customer Rebate	500.00
	James Arenz	2	Certification Renewal/Training	425.00
	Jerry's Paint and Supply	1	Field Supplies	295.95
	John O'Farrell & Associates	2	Phase 2 Study	6,125.00
	Les Schwab Tire Center	4	Vehicle Maintenance	1,743.88
	Lund Construction Company	1	Hydrant Meter Permit Refund	2,299.34
	Metrotech/Vivax	1	Equipment Maintenance	343.41
	Michael Phillips Landscape Corp	4	Landscape Services	4,280.00
	MMS Strategies	1	Public Relations Phase 2	17,766.82
	Newark Element 14	1	Switch for Production	761.97
	Nicole Weideman	1	Rutland PS / AWWA Conference	484.07
	Office Depot	18	Office Supplies	1,814.24
	Pacific Utility Construction	1	Hydrant Meter Permit Refund	2,286.25
	Paladin Private Security	1	After Hours Service	460.00
	Patrick Wilson	1	Safety Shoe Reimbursement	156.59

**Sacramento Suburban Water District
Cash Expenditures
March-15**

<u>Type</u>	<u>Payee</u>	<u># Inv</u>	<u>Purpose</u>	<u>Amount</u>
	PERS Health	1	PERS Health Insurance	87,874.06
	PFM Asset Management LLC	1	Investment Services	7,806.04
	PG&E	2	Gas Service	3,299.52
	Pitney Bowes Meter Lease	1	Postage Meter Lease	600.98
	Pitney Bowes Postage	1	Postage	15,000.00
	Placer County Water Agency	1	American River Joint Defense	492.40
	Pollard Water	3	Water Quality Supplies	3,598.44
	Preferred Pump and Equipment	1	Production Supplies	1,231.04
	Progressive Publications	1	Publication	299.00
	Protection One	1	Fire Alarm - Walnut	276.00
	Ramos Oil Company	2	Pump Site Maintenance	1,813.40
	Ray Morgan Co	6	Copier Maintenance	1,891.80
	Reeve Knight Construction	1	Hydrant Meter Permit Refund	2,053.60
	Regional Water Authority	1	Water Efficiency Program/Customer Survey	4,010.00
	Richardson & Co LLP	1	Audit Services	31,425.00
	Robert Roscoe	1	Misc Out-of-Pocket Expense/Mileage	34.85
	Robin Geiger/Petty Cash	1	Petty Cash Reimbursement	488.31
	Roseville Auto Upholstery	1	Polar Bags for Freeze Protection	543.41
	Sacramento Area Council of Govts	1	Pictometry Imagery Collection	1,100.00
	Sacramento Metro Air Quality District	1	Air Quality Permit Operational Fees	45,027.00
	Sacramento Sheriffs Department	1	Garnishment	470.83
	Shred-It	1	Document Shredding Services	231.07
	Sierra Chemical Company	16	Chemical for Pump Stations	23,551.48
	SMAQMD	1	NOV Violation Fees	3,750.00
	SMUD	4	Power - Electricity	264,214.45
	SMUD Washer Rebate Program	1	Washer Rebate Funding	11,135.00
	Sonitrol	3	Alarm Services	1,479.85
	Sophos Solutions	2	IT Management Support	15,810.00
	Thompson S & S Collision	1	Vehicle Repairs	1,325.39
	Tina Lynn Design	1	Design Services	50.94
	Trench and Traffic Safety Supply	1	Distribution Supplies	308.00
	United Parcel Service	1	Express Shipping	18.11
	Us Bank Corporate Payment	1	Calcard/Visa	9,616.89
	Valley Redwood & Yard Supply	3	Top Soil	159.84
	Verizon Wireless	2	Cell Service	2,416.68
	Vision Internet Providers	1	Internet Support	220.50
	Voyager Fleet Systems	1	Fuel	6,027.65
	Waste Management	2	Garbage Service	399.26
	Wayne Sherffius	1	ESRI Conference	213.64
	Wells Sweeping	1	Monthly Maintenance	88.75
DEBT SERVICE PAYMENTS				
	COP		COP Payments	136,863.20
LEGAL & AUDIT				
	Bartkiewicz, Kronick & Shanahan	1	Legal	6,934.03
SSWD OPERATIONS & MAINT. / OPERATING CAPITAL PROJ.				
PAYROLL & PENSION				
	Payroll & Pension	2	March 2015	450,820.92
BANK CHARGES				
	Bank Analysis Charges	1	Analysis Charge	6,080.34
	Credit Card Processing Statement	1	Credit Card Processing Charges	3,774.20
EMPLOYEE RETENTION/MORALE FUND				
Total Cash Expenditures				<u>\$ 3,853,170.25</u>

**Credit Card Expenditures
March 2015**

March-15

Vendor	Purpose	Cost	Coding
The Home Depot	Maintenance Tools	21.57	12-52101
The Home Depot	Antelope Building Maintenance	19.56	12-54008
Zoro	Marconi Building Maintenance	136.68	12-54008
The Home Depot	Marconi Building Maintenance	4.40	12-54008
RDS Manufacturing	Equipment Maintenance	65.00	12-52101
The Home Depot	Marconi Building Maintenance	38.46	12-54008
Pep Boys	Equipment Maintenance	47.50	12-54004
Light Bulbs Plus	Building Maintenance	36.18	12-54008
The Home Depot	Equipment Maintenance	46.68	12-52101
Flashpoint Studios	Messages On Hold Recordings	79.00	04-54506
Logmein.com	Annual Maintenance Fee	449.00	18-54509
Amazon Marketplace	Screen Protectors	37.43	18-52101
Financial Acctg Foundation	GASB Access Services	840.00	03-52502
Hilton Harbor - San Diego	Employee Conference Attendance	360.00	02-55001
Raley's	CPR Course Lunch/Refreshments	115.96	17-56000
Raley's	CPR Course Refreshments	69.97	17-56000
ACWA	Conference Registration	695.00	02-55001
Classic Awards & Trophy	Director Name Plates	18.45	01-52108
The Home Depot	Combination Locks	150.88	06-52101
Newark	Roller Switches	382.58	sc15-010f1
Ultimate Office	Office Supplies	139.85	07-52101
The Home Depot	Replenish Operating Supplies	902.61	07-52101
Target	Replenish Operating Supplies	22.74	05-52101 \$13.78 06-52101 \$8.96
O'Reilly Auto Parts	Replenish Operating Supplies	92.98	05-52101
Office Depot	Office Supplies	1,295.96	sf15-333
Harbor Freight Tools	Replenish Hand Stock	93.86	05-52101
Amazon	Tool Set	105.29	08-52101
The Home Depot	Replenish Operating Supplies	294.85	05-52101 \$162.51 06-52101 \$132.34
Onsite Supply	PPE Stock	300.90	05-52101
Office Depot	Office Supplies	1,123.11	sf15-333
Target	PPE Stock	23.21	05-52101
JPIA	Employee Training	50.00	07-51406
JPIA	Employee Training	50.00	07-51406
JPIA	Employee Training	50.00	07-51406
Uline.com	Regulatory Requirements	309.39	06-52101
Amazon	Operations Supplies - Production	13.95	05-52101
Amazon	Operations Supplies - Production	20.51	06-52101
Amazon	Operations Supplies - Distribution	20.51	06-52101
Southwest Airlines	CUWCC Conference	184.20	13-55001
Fred Pryor Seminars	Employee Training	199.00	13-51406
HACH	Replenish Operating Supplies	435.17	06-52101
Target	Kitchen Supplies	60.47	05-52108
The Home Depot	Storeroom Operating Supplies	35.89	05-52101
The Home Depot	Storeroom Operating Supplies	162.00	08-52101
HACH	Multi Test Kit Case	16.14	06-52101

Employee Morale Fund

9,616.89

**Directors Compensation and Expense Accounting –
Through March 2015**

Sacramento Suburban Water District
 Board of Directors Meetings Attended (1)
 Pay Rate per Diem is \$100.0
 March 2015

Director Locke:

Director Schild:
 03/04/2015 Ad Hoc Comm. Water Right Review
 03/16/2015 SSWD Regular Board Meeting
 03/17/2015 Water Forum Dry Year Conference
 03/19/2015 Water Operations-Water Forum/Fisheries
 03/24/2015 Water Rights Ad Hoc Committee Meeting
 03/25/2015 WEF Executive Briefing
 03/26/2015 2X2 Committee Meeting
 03/30/2015 SSWD Finance & Audit Committee Meeting
 03/31/2015 Water Rights Ad Hoc Committee Meeting

Director Weichert:

Director Gayle:
 03/16/2015 SSWD Regular Board Meeting

Director Thomas:

03/13/2015 Meeting with General Manager
 03/16/2015 SSWD Regular Board Meeting
 03/19/2015 ACWA Hydro Synopsis
 03/20/2015 Meeting with Asst. General Manager
 03/23/2015 Meeting with John O'Farrell
 03/24/2015 Meeting with General Manager
 03/25/2015 San Juan Water District Board Meeting

(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.

Directors Expense Report
Calendar Year 2015
Expenses For March 2015

Event/Purpose	Gayle	Weichert	Locke	Thomas	Schild	Total
2015 Meeting Mileage			18.00		-	-
						-
						-
						-
						-
						-
						-
						-
						-
	-	-	-	18.00	-	-

Directors Expense Report
Calendar Year 2015
Expenses Reflected January 1, 2015 - December 31, 2015

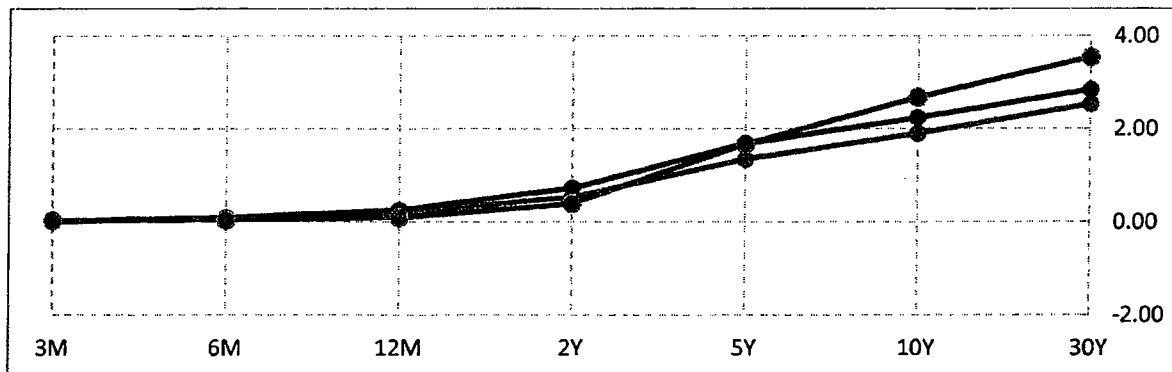
Event/Purpose	Gayle	Weichert	Locke	Thomas	Schild	Total
2015 Meeting Mileage			18.00		141.45	159.45
						-
						-
						-
						-
						-
						-
						-
						-
						-
						-
	-	-	-	18.00	141.45	159.45

This report meets the reporting requirements of Government Code sections 53065.5 and 53232.3 and is in conformance with District Policy. This information will be included with the agenda materials for each regular monthly Board of Directors meeting.

**Market Report Yields -
January 2010 through February 2015**

Sacramento Suburban Water District
United States Treasury and Federal Reserve Yields/Rates
As of: April 8, 2015
(Source: Bloomberg Market Data)

US Treasury Yields



Tenor	Coupon	Price	Last	1 Month	1 Year	Time
3 Month	0.0000	0.0200	0.02%	+2	-1	16:59:43
6 Month	0.0000	0.0950	0.10%	0	+5	16:59:43
12 Month	0.0000	0.2100	0.21%	-5	+11	16:59:48
2 Year	0.5000	99-30	0.53%	-20	+13	16:59:54
5 Year	1.3750	100-04¼	1.35%	-36	-33	17:00:00
10 Year	2.0000	100-27¼	1.90%	-35	-79	17:00:00
30 Year	2.5000	99-13	2.53%	-32	-101	16:57:56

Change shown in basis points

Federal Reserve Rates

Rate	Current	1 Year Prior	Rate	Current	1 Year Prior
Fed Funds Rate	0.12	0.08	Fed Reserve Target	0.25	0.25
Prime Rate	3.25	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>2/28/2015</u>	<u>SSWD Holdings</u>	<u>ML 0-5 Year UST Index</u>
Under 6 Months	3.2%	11.9%
6 - 12 Months	12.8%	10.5%
1 - 2 Years	20.1%	26.1%
2 - 3 Years	34.5%	20.1%
3 - 4 Years	20.5%	16.3%
4 - 5 Years	8.9%	15.1%
TOTAL	<u>100.0%</u>	<u>100.0%</u>

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

	<u>Unannualized Monthly Returns</u>		<u>Yield to Maturity at Cost</u>
	<u>SSWD</u>	<u>ML 0-5 Year UST Index</u>	<u>SSWD Operating Fund</u>
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%

**District Reserve Balances
March 31, 2015**

**Sacramento Suburban Water District
Reserve Fund Balance**

	<u>March 31, 2015</u>	<u>December 31, 2014</u>
Debt Service Reserve	\$ 3,564,034	\$ 3,540,057
Facilities Reimbursement	28,378	21,873
Emergency/Contingency	10,758,000	10,758,000
Operating	6,468,857	6,468,857
Rate Stabilization	5,870,000	5,870,000
Interest Rate Risk	-	-
Grant	654,000	654,000
Capital Asset	18,641,676	17,499,224
TOTAL	<u>\$ 45,984,944</u>	<u>\$ 44,812,011</u>

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

	<u>March 31, 2015</u>	<u>December 31, 2014</u>
Cash and cash equivalents	\$ 2,732,339	\$ 1,312,864
Investments	39,688,572	39,959,090
Restricted assets	3,564,034	3,540,057
TOTAL	<u>\$ 45,984,944</u>	<u>\$ 44,812,011</u>

Information Required by Bond Agreement

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

As Of

	Actual Year-To-Date 03/31/15	Amended Budget Year-To-Date 03/31/15
REVENUES		
Water sales charges	\$3,213,175.65	\$4,965,000.00
Capital facilities charge	5,120,201.67	5,357,500.00
Facility development charges	207,880.00	50,000.00
Interest and investment income	336,660.61	150,000.00
Rental & other income	92,912.87	74,586.00
	8,970,830.80	10,597,086.00
EXPENSES		
Source of supply	12,087.84	308,582.84
Pumping	934,647.35	1,125,365.47
Transmission and distribution	582,849.75	775,897.81
Water conservation	77,213.42	130,016.85
Customer accounts	251,649.30	335,732.76
Administrative and general	1,298,489.68	1,637,295.57
Other expenses	(0.99)	
	3,156,936.35	4,312,891.30
NET REVENUE	5,813,894.45	6,284,194.70

Sacramento Suburban Water District
6 - Months Debt Service Schedule
3/31/2015

Month	Principal	Total SSWD Debt Service			Debt Service
		Interest Adjustable/Fixed/Swap	Facility Fee	Remarketing	
Apr-15	\$ -	\$ 83,883.68	\$ -	\$ -	\$ 83,883.68
May-15	-	1,272,321.18	-	-	1,272,321.18
June-15	-	83,883.68	60,375.00	13,125.00	157,383.68
July-15	-	83,883.68	-	-	83,883.68
Aug-15	-	83,883.68	-	-	83,883.68
Sept-15	-	83,183.68	-	-	83,183.68

Series 2012A Fixed Rate Bonds (\$27,205,000.00)					
Month	Principal	Interest - Fixed 4.25%			Debt Service
Apr-15	\$ -	\$ -	\$ -	\$ -	\$ -
May-15	-	-	490,487.50	-	490,487.50
June-15	-	-	-	-	-
July-15	-	-	-	-	-
Aug-15	-	-	-	-	-
Sept-15	-	-	-	-	-

Series 2009A Adjustable Rate COPs (\$42,000,000.00)						
Month	Principal	Interest, Adjustable 0.02%		Facility Fee 0.575%	Remarketing 0.125%	Debt Service
Apr-15	\$ -	\$ 700.00	\$ -	\$ -	\$ -	\$ 700.00
May-15	-	700.00	-	-	-	700.00
June-15	-	700.00	-	60,375.00	13,125.00	74,200.00
July-15	-	700.00	-	-	-	700.00
Aug-15	-	700.00	-	-	-	700.00
Sept-15	-	700.00	-	-	-	700.00

Series 2009B Fixed Rate COPs (\$31,405,000.00)					
Month	Principal	Interest - Fixed 5.00%			Debt Service
Apr-15	\$ -	\$ -	\$ -	\$ -	\$ -
May-15	-	-	697,950.00	-	697,950.00
June-15	-	-	-	-	-
July-15	-	-	-	-	-
Aug-15	-	-	-	-	-
Sept-15	-	-	-	-	-

2012 SWAP Interest, Net (\$33,000,000.00)					
Month	Principal	Interest, Swap Net (3.283-0.10539-0.18)%			Debt Service
Apr-15	\$ -	\$ 83,183.68	\$ -	\$ -	\$ 83,183.68
May-15	-	83,183.68	-	-	83,183.68
June-15	-	83,183.68	-	-	83,183.68
July-15	-	83,183.68	-	-	83,183.68
Aug-15	-	83,183.68	-	-	83,183.68
Sept-15	-	83,183.68	-	-	83,183.68



Agenda Item: 15

Date: April 5, 2015

Subject: Upcoming Policy Review – Legislative Response Policy (PL - Adm 004)

Staff Contact: Dan York, Assistant General Manager

The Legislative Response Policy (PL - Adm 004) is scheduled for its biennial review. Staff reviewed the current policy and is recommending minor modifications to recognize the Regional Water Authority (RWA) has assumed the lobbying effort previously done by the District through its contract lobbying firm and the District will typically align its position with that of RWA. Legal counsel did not review the policy.

The policy, with any proposed revisions, is scheduled for Board consideration and adoption at the May 2015 regular Board meeting. If a Director wishes to comment on the policy, please provide those comments to staff **by Monday, May 4, 2015**.

A redline (Exhibit 1) and a clean copy (Exhibit 2) of the policy as recommended by staff is provided for the Board's review.

Sacramento Suburban Water District

Legislative Response Policy

Adopted: September 14, 2003

Revised: August 21, 2006, August 20, 2007, March 21, 2011, April XX, 2015**100.00 Purpose of the Policy**

The primary purpose of this policy is to establish the District's position relative to legislative proposals, and to respond to requests of support or opposition from various agencies, e.g. ACWA.

200.00 Policy

The General Manager reviews proposed legislation to determine legislation of interest and to recommend the District's position. A written report will be provided at the regular Board meeting with a recommended District position. The recommended position will become the District's position unless modification is requested or directed by the Board.

If sufficient time is available, the legislation will be reviewed by the full Board at a regular meeting. If necessary, staff will recommend or draft a response for Board consideration. As the District is an active participant in the Regional Water Authority's (RWA) Government Affairs program, the RWA position on legislation will become the District's position if the District hasn't taken a position and there is insufficient time to present to the full Board.

If immediate action is warranted and sufficient time is not available for full Board review of the legislation, and RWA does not have a position, the General Manager or his/her designee will transmit the proposed response to the Board President and convey a deadline for a response.

If the Board President is opposed to staff's proposed response, the proposed response will be modified to become acceptable or a response will not be sent. If no statement of opposition is received by the deadline, the proposed response will be transmitted as the District's position on the legislation.

If a new policy position is taken due to the need for immediate action, this position will be brought to the full Board at the next regular Board meeting for consideration and possible ratification.

300.00 Policy Review

This Policy shall be reviewed at least biennially.

Sacramento Suburban Water District

Legislative Response Policy

Adopted: September 14, 2003

Revised: August 21, 2006, August 20, 2007, March 21, 2011, April XX, 2015

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If immediate action is warranted and sufficient time is not available for full Board review of the legislation, and RWA does not have a position, the General Manager or his/her designee will transmit the proposed response to the Board President and convey a deadline for a response.

If the Board President is opposed to staff's proposed response, the proposed response will be modified to become acceptable or a response will not be sent. If no statement of opposition is received by the deadline, the proposed response will be transmitted as the District's position on the legislation.

If a new policy position is taken due to the need for immediate action, this position will be brought to the full Board at the next regular Board meeting for consideration and possible ratification.

300.00 Policy Review

This Policy shall be reviewed at least biennially.



Agenda Item: 16

Date: March 24, 2015

Subject: Upcoming Policy Review – Employee Compensation Policy (PL – HR 002)

Staff Contact: Lynne Yost, Human Resources Coordinator

The Employee Compensation Policy (PL – HR 002) was originally adopted by the Board in July 2004 and most recently revised in May 2013.

Staff has no recommended updates to this policy. It was not submitted to legal counsel for review.

This policy is scheduled for Board consideration and adoption at the May regular 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, May 4, 2015.

Sacramento Suburban Water District

Employee Compensation Policy

Adopted: July 19, 2004

Revised: September 18, 2006; September 15, 2008; April 18, 2011; May 20, 2013

100.00 Purpose of the Policy

The purpose of this policy is to state the intention of the District in regards to employee compensation, delineate the process, and clarify the role and responsibility of the General Manager in the process. A compensation program is necessary to provide each employee with fair and equitable compensation for the value of the skills the employee brings to the District and the position. In order to provide each employee with fair and equitable compensation, it is desirable to develop a systematic method of establishing and maintaining a compensation program. Pursuant to California Water Code Section 30580(d), the General Manager has the responsibility to “fix and alter the compensation of employees and assistants subject to approval by the board” as given during the annual budget process.

200.00 Policy

It is the District’s policy to provide all of its employees fair and equitable compensation defined in terms of comparison to other positions within the District and the local labor market for the value of the skills the employee brings to the position and the District.

- a) It is the District’s policy to remain competitive within the local labor market. To accomplish this, the General Manager will target a level of compensation in the appropriate labor market when setting compensation for District positions. This includes retirement, health and dental insurance, life insurance, holidays and other benefits, including vacation and sick leave.
- b) The compensation program will include, in addition to direct wages (regular and overtime), any District contributions toward stand-by pay, holidays and all other paid time off benefits, medical/dental/vision insurance, life insurance, short and long term disability, retirement, incentive program and training/educational programs. The total compensation program will be used when comparing the District’s pay level to the current labor market.
- c) It is the District’s policy to provide a program for advancement of its employees within the pay/salary range of their position using a merit-based system based on objective, regular goal setting and performance evaluations.

300.00 Authority and Responsibility

The Board of Directors has the responsibility and authority to establish annual budgetary guidelines for the District that include the labor budget.

- a) The General Manager will prepare and present a detailed compensation budget as part of the annual budget review process to the Board of Directors in accordance with this Policy.
- b) The Board of Directors will consider, amend as needed, and approve the annual compensation budget.
- c) The General Manager will have the authority to fix and alter employee compensation in accordance with the intent of this policy and within the budgetary guidelines approved by the Board of Directors.

The General Manager may change or alter the compensation budget during the year by either: 1) requesting the Board of Directors to authorize the General Manager to make such changes at budget adoption; or 2) submitting an amended compensation budget, explaining reasons for the change, and receiving Board approval for the change.

The General Manager will have full authority to implement this policy up to the limits of the approved compensation budget, which includes:

- Determining staffing requirements, titles, positions, responsibilities and organization structure.
- Establishing pay/salary bands.
- Setting goals and conducting performance reviews.
- Establishing annual pay/salary adjustments, including annual merit increases and cost-of-living adjustments (COLA).
- Creating incentive pay programs.
- Creating programs for position upgrades and special assignments.
- Providing pay/salary and benefit benchmarking information and surveys for Board review.
- Creating dual or multiple grade positions as needed.

The General Manager will insure the equitable and uniform implementation of this policy, which includes reporting to the Board on at least an annual basis, typically during the budget process.

400.00 Policy Review

This Policy will be reviewed at least biennially.



Agenda Item: 17

Date: April 7, 2015

Subject: Upcoming Policy Review – Electronic Mail, Internet and Computer Use Policy (PL - IT 005)

Staff Contact: Daniel A. Bills, Finance Director

Discussion:

Included with this report is the updated Electronic Mail, Internet and Computer Use Policy (PL - IT 005) for the Board's review and comment. The Electronic Mail, Internet and Computer Use Policy was last reviewed in January 2013. Staff has no significant recommended changes; only minor technical edits.

This policy will be brought before the Board for consideration at the May meeting. All director comments received by the end of business on Monday, May 4, 2015, will be included in the draft version for the May meeting.

Sacramento Suburban Water District

Electronic Mail, Internet and Computer Use Policy

Adopted: September 20, 2004

Revised: December 20, 2010; January 28, 2013, May XX, 2015**100.00 Purpose of the Policy**

The purpose of this policy is to establish and insure that all forms of electronic communication and equipment are used for District-related business only with no right or expectation of personal privacy

200.00 Policy

The District uses various forms of electronic communication and equipment including, but not limited to, computers, tablets, modems, telephones, cell phones, voice mail, fax machines, internet, and e-mail. All electronic communications, including all software and hardware, are and will remain the sole property of the District. All messages sent and received, including any personal messages, and all data and information stored on the District's computer systems are the District's property regardless of content.

Use of District electronic communication and equipment for "Social Networking" is not permitted. Employees who may need to utilize social networking for District-related business must obtain prior approval from the General Manager or his/her designee.

Electronic communications will not be used in any manner that would: (1) be discriminatory, lewd, derogatory, defamatory, disparaging, sexually explicit, harassing, threatening, or obscene; (2) constitute copyright, trademark infringement or misappropriation of trade secrets; or (3) be for any other purpose which is illegal, against District policy, or not in the best interests of the District.

Employees will not install personal software in District computer systems. All software on any District computer system must be licensed to the District. Any updates to existing software must be approved by the Information Technology Manager prior to installing the update. All electronic information created by any employee using any means of electronic communication is the property of the District and will remain the property of the District. Employees should understand that they have no right or expectation of privacy with respect to any messages or information created or maintained on the District's computer systems, including personal

information or messages. Personal passwords may be used for purposes of security, but the use of a personal password does not affect the District's ownership of, or ability to access, the electronic information. Employees must not place stickers on laptop computers.

The District reserves the right to enter, access, search, monitor, review, copy, and/or retrieve electronic files, messages, e-mail, voice mail, history of internet usage, and any other type of electronic file or information, without notice, for any legitimate business purpose including, but not limited to, ensuring that there is no misuse or violation of District policy or any law, investigating theft, and monitoring disclosure of District information. The District may override personal passwords if it becomes necessary or appropriate to do so for any reason.

All electronic communications, including e-mail, access to the internet, and other types of District-paid communication access, are to be used only for District-related business and not for any personal use.

Any employee who misuses the District's electronic communications or otherwise violates this policy will be subject to discipline up to and including termination.

All employees must manage and protect records resulting from their e-mail communications as required by the District's Records Inspection, Retention and Disposal, ~~and Storage~~ Policy (PL - Adm 002), Electronic Mail Management and Retention Policy (PL - IT 003) and Procedure (PR - IT 002), which sets forth the responsibilities of all District employees concerning the creation, removal, storage, and retention of e-mails that are designated as official District records.

300.00 Policy Review

This Policy shall be reviewed at least biennially.



Agenda Item: 18

Date: April 9, 2015

Subject: Letter Of Credit Extension with Sumitomo Mitsui Banking Corporation Update

Staff Contact: Daniel A. Bills, Finance Director

Discussion:

At the February 23, 2015, meeting of the Board of Directors (Board), the Board approved the terms of a Letter-of Credit Extension Agreement (LOC) negotiated between Fieldman, Rolapp & Associates acting on behalf of the District and Sumitomo Mitsui Banking Corporation, acting through its New York Branch (SMBC) and authorized Special Bond Counsel (Stradling, Yocca, Carlson & Rauth,) to engage with SMBC to develop legal documentation to extend the LOC, recognizing upfront costs were estimated to be approximately \$32,000.

At the March 16, 2015, Board meeting, the Board approved Resolution No. 15-03 "A Resolution Of The Board Of Directors Of The Sacramento Suburban Water District Authorizing The Extension Of A Letter Of Credit In Connection With Its Outstanding 2009A Certificates Of Participation, And Approving The Execution And Delivery Of Certain Documents In Connection Therewith And Certain Other Matters" and authorized the Board President to execute the contracts or agreements necessary to execute the LOC Agreement.

The contracts were executed on behalf of the District by President Schild, with General Manager Roscoe and Finance Director Bills attesting his signature on April 9, 2015. The Agreement is scheduled to close on April 15, 2015, at the law offices of Stradling, Yocca, Carlson & Rauth.



Agenda Item: 19

Date: April 9, 2015

Subject: Financial Markets Quarterly Report

Staff Contact: Daniel A. Bills, Finance Director

Summary of District’s Debt Portfolio:

Debt	Original Par	Outstanding	Issuance	Credit Enhancement	Final Maturity
2009A	\$ 42,000,000	\$ 42,000,000	Adjustable Rate Revenue COP’s	Sumitomo Bank*	11/1/2034
2009B	\$ 36,155,000	\$ 27,915,000	Fixed Rate Revenue COP’s		11/1/2028
2012A	<u>\$ 29,200,000</u>	<u>\$ 23,440,000</u>	Fixed Rate Revenue Bond		11/1/2027
	<u>\$107,355,000</u>	<u>\$ 93,355,000</u>			

* Credit enhancement expires 6/30/2018

Current Status of District’s Variable-Rate Debt Portfolio:

Debt	Outstanding	Credit Enhancement	Bank Owned	Sold in Market	Market Rate
2009A	\$42,000,000	Sumitomo Bank LOC	None	\$42,000,000	0.02%
	Notional Amount	Counterparty	FMV	Receive Rate	Fixed Rate
Swap	\$33,300,000	Wells Fargo Bank, N.A.	(\$8,354,916)	0.2998%	3.283%

Current Status of District’s Investment Portfolio (March 31, 2015):

Outstanding (Fair Market Value)	Security Type	Yield
\$ 343,067	LAIF	0.26%
5,027,433	Certificates of Deposit	0.61%
12,036,331	Corporate Notes	1.43%
10,880,382	Agency Securities Bonds/Notes	0.86%
2,760,848	Municipal Bonds	1.51%
7,588,434	Treasury Bonds/Notes	1.09%
274,949	Agency Collateralized Mortgage Obligation	0.39%
<u>1,120,194</u>	Asset-Backed Securities	<u>0.77%</u>
<u>\$40,031,641</u>		<u>1.08%</u>

Market:

Listed below is the most recent market summary provided by the District's Investment Portfolio Advisor (PFM Asset Management):

Current Bond Markets

- Treasury yields fell modestly for most maturities in March; most notably, three- and five-year Treasuries ended the month about 0.12% lower. Longer maturities (10 years and greater) fell 0.05% to 0.07%. This rally resulted in positive returns for virtually all fixed-income indices and continued the trend of lower rates that started at the end of 2014.
- Inflation is below targets, global capital flows, and QE in the euro zone are pushing against the natural tendency for U.S. interest rates to rise as the U.S. economy expands.
- The Agency sector was unable to keep pace with the market rally. This caused returns for the sector to trail Treasury counterparts, with the greatest impact on longer maturities.
- While high-quality corporate securities (rated A or better) generated positive returns, they also generally underperformed comparable-maturity Treasuries. Issuers with lower credit quality fared better as their higher yields contributed incremental income.
- The mortgage-backed securities (MBS) sector produced similar returns to those of investment-grade corporates. Continued Fed participation in the market—such as the likelihood of the Fed continuing to reinvest pay-downs from its large mortgage portfolio for the foreseeable future—and a passive view of intermediate-term inflation provided some support for what could otherwise be a volatile sector.
- Taxable municipal bonds were among the stronger performers, as the sector saw strong support for both new-issue and secondary offerings.
- Rates for money-market securities with maturities greater than six months continued to inch higher as investors factored in modest tightening later this year.

PFM Outlook – Short-Term

- We expect U.S. interest rates to trend modestly higher in coming months, with the pace of change contained by the weak outlook for inflation and the central banks' desire to avoid market disruptions due to abrupt actions. U.S. monetary policy is likely to tighten as the year progresses, with the impact felt mostly in short and intermediate maturities.
- We believe that the key driver of fixed-income returns will be the incremental income earned in sectors other than Treasuries. We will look to position portfolio durations and yield curve placements in a way that supports maximizing non-Treasury assets while carefully managing duration.
- Investment-grade corporates—a key component of our current strategy—remain fairly supported by the growing economy, and we believe their spreads compared to Treasuries continue to offer value. They are also the preferred vehicle for capturing yield curve roll-down.
- The opportunity for incremental returns in Agencies is modest. Intermediate maturities can offer a few basis points of incremental yield, and some specific callable structures hold modest value.
- The MBS sector offers another opportunity to add to returns through diversification—as noted, Agency bonds and notes are currently not very attractive alternatives to Treasuries. The use of

MBS requires diligent analysis of security-specific collateral and cash-flow characteristics to identify securities that hold value and have manageable prepayment risks.

(Source: PFMAM Mar 2015 Monthly Market Review).

Debt Portfolio:

The District's debt portfolio is now primarily fixed-rate debt, with such issuances representing 55% of the District's portfolio. And while the District's exposure to market conditions has been reduced, the District is exposed to interest rate risk primarily on the un-hedged portion of its variable-rate COP, representing \$8.7 million. Such risk is managed by the District through adherence to the District's Reserve Policy that addresses the management of interest rate risk through prudent investing of reserves in short-term securities in an amount at least equal to the un-hedged debt exposure.

Investment Portfolio:

In this market environment, the investment objective is to position portfolio durations modestly short of benchmarks while underweighting longer maturities with a bit more emphasis on shortening than in recent months.



Agenda Item: 20

Date: April 9, 2015

Subject: Year-to-Date Interest Expense Quarterly Report

Staff Contact: Daniel A. Bills, Finance Director

Interest expense consists of: 1) interest paid to bondholders, 2) letter-of-credit facility fees, 3) remarketing fees, 4) arbitrage rebate liabilities, and 5) net SWAP interest.

Year-to-date, the District has incurred interest expense of \$965,588 versus a forecast of \$1,013,750 or a \$48,162 positive variance. The combination of the municipal bond markets continuing to remain stable with debt trading at or near historic lows and the "receive-rate" on the interest rate swap exceeding interest expense on variable-rate debt have led to the positive results.

**Sacramento Suburban Water District
Interest Expense
2015**

	<u>A</u> 2015	<u>B</u> 2015	<u>A - B</u> 2015	2015
	Debt Interest <u>FORECAST</u>	Actual Debt Service <u>Cost</u>	<u>DIFFERENCE</u>	<u>CUMULATIVE YTD DIFFERENCE</u>
2015				
January	\$ 337,900	\$ 320,856	\$ 17,044	\$ 17,044
February	337,900	283,206	54,694	71,738
March	337,950	361,526	(23,576)	48,162
April				
May				
June				
July				
August				
September				
October				
November				
December				
TOTAL 2015	<u>\$ 1,013,750</u>	<u>\$ 965,588</u>	<u>\$ 48,162</u>	



Agenda Item: 21

Date: April 1, 2015

Subject: Human Resources Quarterly Report

Staff Contact: Lynne Yost, Human Resources Coordinator

1. Current Statistics

Number of Full Time Employees:	62
Number of Temporary Employees:	6
Vacancies	0

Current temporary employees include three water conservation representatives (two in pending status awaiting start of 2015 Summer Water Conservation Program), two engineering interns and one office assistant.

2. Completed/Ongoing Work of Note

- a) Completed annual merit review process and prepared employee Personnel Action Forms confirming 2015 COLA and merit pay increases.
- b) Completed year-end OSHA reports and file management; posted OSHA summary at District offices (see annual report below).
- c) Completed biennial First Aid/CPR/AED training for all staff, including new training (one full-day session) for 9 new full-time staff and refresher training (two half-day sessions) for remaining full-time staff.
- d) Began review and update process for 10 classification specifications (job descriptions) last updated in 2012.
- e) Began researching web-based performance evaluations for management and supervisory staff review and comments.
- f) Continuing to work with management staff on drafting new Alternate Staffing Worksheet for Assistant and Associate Engineer positions, and updating current worksheets for Distribution Operator, Production Operator and Water Conservation Technician positions.
- g) Continuing to work with operations staff on updating mandated training matrixes for individual departments.

3. Annual OSHA/Workers' Compensation Report

The District had 2 recordable cases in 2014 (following 1 recordable case in 2013) which resulted in 5 days away from work and 18 days with job restrictions. Both cases involved relatively minor injuries resulting from cough/possible inhalation exposure (ACWA/JPIA expert determined unsafe exposure did not occur) and a dog bite.



Agenda Item: 22

Date: April 7, 2015

Subject: CIP Projects Quarterly Report

Staff Contact: John E. Valdes, Engineering Manager

The following report provides updates on the projects identified in the approved Capital Improvement Program (CIP). This report shows those projects included in the approved Calendar Year (CY) 2015 CIP budget and the current status of those projects. The total approved CIP budget for CY 2015 is \$18.3 million. To the extent that billings and invoices have been received and processed, cost expenditures through March 27, 2015, are included in the report.

A similar report will be used throughout CY 2015 as a tool for staff to track projects internally and as a report to the Board to show the progress of individual projects and the program in total. Projects completed in prior years will no longer be shown. It is anticipated that the report will continue to be provided to the Board on a quarterly basis.

**Sacramento Suburban Water District
Calendar Year (CY) 2015
Capital Improvement Program Budget**

Project No. / Project Name	Responsible Staff	Approved and/or Amended 2015 Budget	CY15 Spent To Date (\$) (Thru 3/27/15)	Remaining Encumbered Funds (\$)	Project Status	Project Description
PRODUCTION (SOURCE OF SUPPLY)						
SC15-007 SSWD Groundwater Monitoring and Modeling Project	Nicole Weideman	\$50,000	\$0	\$91,272	Grant amendment has been received from DWR. 90% plans and specifications for the two groundwater monitoring wells have been prepared by Brown and Caldwell (B&C). Staff is working with SMUD to get power pole and overhead lines removed at the one monitoring well site. Project should go out to bid in the spring.	This is a continuation of a project initiated in CY2014. The District has received a partial Prop. 84 Local Groundwater Assistance (LGA) grant from the Department of Water Resources (DWR) in the amount of \$157,135. The funded project consists of two groundwater monitoring wells and related tasks, including water quality sampling and testing. The proposed monitoring well locations are the site of the District's abandoned Arden/William Pond Rec. Area Well (#48) and the District's existing North/Root Well (#54). The total estimated project cost is approximately \$207,000. Therefore, the District's local cost share is approx. \$50,000. The monitoring wells will be constructed in 2014 but water quality sampling/testing and grant reporting, etc. will continue into 2015.
SC15-009 Well Rehabilitation / Pump Station Improvements	See Below	\$890,000	\$0	\$0	See Below	Projects planned for CY 2015 may include, but not be limited to: well investigations/evaluations and/or rehabilitation projects for Wells #3A (Kube/Armstrong), #23 (Marconi North/Fulton), #74 (River Walk/NETP South) and #N6 (Palm); replacement or removal of hydro pneumatic tanks (replace with new tanks or install flush-to-waste assemblies) at Wells #N1 (Evergreen), #N3 (Engle), #N15 (Cabana), #N17 (Oakdale) and #N22 River College; rebuild two pressure vessels and replace underdrain system at Well #32A (Eden/Root); investigation and possible installation of a VFD at Well #68R (Northrop/Dornajo); and destruction of Wells #16 (Georgis/Canary), #N21 (Yucca), and #N28 (Oakbrook).
SC15-009A NSA Flow Meter/Valve Relocation	Nicole Weideman	Incl. Above	\$10,448	\$6,695	Work is complete.	California's 20x2020 Water Conservation Plan requires the District to achieve a 20% reduction by 2020. 19 of the wells in the NSA have flow meters plumbed before the flush-to-waste (FTW) valve thus registering water discharged to waste for WQ purposes as water consumed by customers. Relocating these meters downstream of the FTW valve may however present a problem in achieving the appropriate upstream and downstream distance for laminar flow through the meter. Multi-year project; some minor work remained at Wells 60 and N35 from 2014 to be completed in January. ***THIS IS A TRANSFER OVER FROM SF14-292.***
SC15-009B Well #N3 Discharge Piping Upgrades	Nicole Weideman	Incl. Above	\$0	\$22,695	On hold until costs for 35 are discovered to see which way to do this site due to funds.	Several hydro pneumatic tanks operated by the District were recently inspected and the pressure ratings for six tanks were found to be near or below the normal system pressure at the tank location. The District would like to replace the six tanks with either new tanks or with piping and surge anticipation valves to allow the wells to pump-to-waste when the well starts. This is one of the six wells. At this site, the cost to add storm drain out to the street needs to be evaluated to see if it can be done, otherwise, a new tank will be installed at this site to replace the existing one.
SC15-009C Well #N15 Discharge Piping Upgrades	Nicole Weideman	Incl. Above	\$0	\$0	Plans are being prepared for the work.	Several hydro pneumatic tanks operated by the District were recently inspected and the pressure ratings for six tanks were found to be near or below the normal system pressure at the tank location. The District would like to replace the six tanks with either new tanks or with piping and surge anticipation valves to allow the wells to pump-to-waste when the well starts. This is one of the six wells. This site will be getting a surge anticipation valve and discharge piping to replace the existing tank.

**Sacramento Suburban Water District
Calendar Year (CY) 2015
Capital Improvement Program Budget**

Project No.	Project Name	Responsible Staff	Approved and/or Amended 2015 Budget	CY15 Spent To Date (\$) (Thru 3/27/15)	Remaining Encumbered Funds (\$)	Project Status	Project Description
SC15-009D	Well #N17 Discharge Piping Upgrades	Nicole Weideman	Incl. Above	\$0	\$0	Storm drain layout is being looked into.	Several hydro pneumatic tanks operated by the District were recently inspected and the pressure ratings for six tanks were found to be near or below the normal system pressure at the tank location. The District would like to replace the six tanks with either new tanks or with piping and surge anticipation valves to allow the wells to pump-to-waste when the well starts. This is one of the six wells. At this site, the cost to add storm drain out to the street needs to be evaluated to see if it can be done, otherwise, a new tank will be installed at this site to replace the existing one.
SC15-009E	Well #N22 Discharge Piping Upgrades	Nicole Weideman	Incl. Above	\$0	\$0	Plans are being prepared for the work.	Several hydro pneumatic tanks operated by the District were recently inspected and the pressure ratings for six tanks were found to be near or below the normal system pressure at the tank location. The District would like to replace the six tanks with either new tanks or with piping and surge anticipation valves to allow the wells to pump-to-waste when the well starts. This is one of the six wells. This site will be getting a surge anticipation valve and discharge piping to replace the existing tank.
SC15-009E1	Well #64 Rehabilitation [COMPLETED]	Nicole Weideman	Incl. Above	\$0	\$0	Well rehabilitation and flushing activities complete, samples to be taken by Production staff prior to putting well back online.	Well rehabilitation work took place in 2014.
SC15-009F	Well #16 Destruction/Demo	Nicole Weideman	Incl. Above	\$0	\$0	Destruction memo paperwork is being prepared.	Several wells have been abandoned over the years and were not properly destroyed per the State and County standards. This well is one of a handful that are slotted to be destroyed this year. Demolition of above ground facilities will also occur within the well site and waterlines will properly be abandoned.
SC15-009F1	2015 Well #12 Santa Anita/Hernando Improvements	Patrick Wilson / Nicole Weideman	Incl. Above	\$0	\$0	Draft tentative agreement is being prepared for consideration.	This well falls under this year's 2015 Santa Anita Phase 2 mainline replacement, and will need to have upgraded piping up to the well site. During a review of the well site it was noted that a pump-to-waste would be ideal. The Fulton/EI Camino Park District is very interested in Well 12 for their ownership and is looking at possibly giving the District a new well site at Bohemian Park in exchange for the well. The Fulton/EI Camino Park District has had a board meeting and agreed to move forward with determining the feasibility in this transfer for next year.
SC15-009G	Well #N21 Destruction/Demo	Nicole Weideman	Incl. Above	\$0	\$0	Destruction memo paperwork is being prepared.	Several wells have been abandoned over the years and were not properly destroyed per the State and County standards. This well is one of a handful that are slotted to be destroyed this year. Demolition of above ground facilities will also occur within the well site and waterlines will properly be abandoned.
SC15-009H	Well #N28 Destruction/Demo	Nicole Weideman	Incl. Above	\$0	\$0	Destruction memo paperwork is being prepared.	Several wells have been abandoned over the years and were not properly destroyed per the State and County standards. This well is one of a handful that are slotted to be destroyed this year. Demolition of above ground facilities will also occur within the well site and waterlines will properly be abandoned.
SC15-009H1	Well #31A Investigation/Rehab. [COMPLETED]	Nicole Weideman	Incl. Above	\$0	\$0	Work is completed. Production to amend permit to reactivate the well.	This well was taken offline last year due to high manganese levels above the MCL. Rehabilitation work was performed and the well was redeveloped and the manganese levels are now below the MCL. Staff is working on getting the samples confirmed to clear the well with the State to put it back online.
SC15-009H4	General Well Evaluation and Rehabilitation - Engineering Services	Nicole Weideman	Incl. Above	\$9,687	\$48,244	WR working on #N6. B&C working on #31A.	Contract amendments in the amount of \$75,000 have been issued to Brown and Caldwell (B&C) for continued well evaluation and rehabilitation engineering and hydrogeological services in 2014. Wood Rodgers is also still under contract for similar services.

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SC15-009J	Well #N11 Destruction/Demo	Nicole Weideman	Incl. Above	\$0	\$0	Destruction memo paperwork is being prepared.	Several wells have been abandoned over the years and were not properly destroyed per the State and County standards. This well is one of a handful that are slated to be destroyed this year. Demolition of above ground facilities will also occur within the well site and waterlines will properly be abandoned.
SC15-009J	Well #N18 Destruction/Demo	Nicole Weideman	Incl. Above	\$0	\$0	Destruction memo paperwork is being prepared.	Several wells have been abandoned over the years and were not properly destroyed per the State and County standards. This well is one of a handful that are slated to be destroyed this year. Demolition of above ground facilities will also occur within the well site and waterlines will properly be abandoned.
SC15-009I	New VFD Pump at Auburn Yard Well (#40A) [COMPLETED]	Nicole Weideman	Incl. Above	\$30,854	\$0	Work is completed.	The VFD has been ordered. Due to winter storms and the need to keep the well online, the work will occur in early 2015. Tesco Controls will install the VFD and perform the necessary PLC and SCADA programming. Brower will furnish and install the AC unit for the VFD, and a shade structure will also be installed. The project will stay within the grant budget of \$46,000 with \$23,000 payback.
SC15-009K	Well #N31 Demolition/Demo	Nicole Weideman	Incl. Above	\$0	\$0	Destruction memo paperwork is being prepared.	Several wells have been abandoned over the years and were not properly destroyed per the State and County standards. This well is one of a handful that are slated to be destroyed this year. Demolition of above ground facilities will also occur within the well site and waterlines will properly be abandoned.
SC15-009K1	Well #45 Investigation/Rehab & Site Improvements	Nicole Weideman	Incl. Above	\$8,147	\$0	Loewen has pulled the pump and performed a TV video, to get subcontractor to retrieve obstruction from down well.	Due to bacteriological hits, the pump at Well 45 needs to be pulled and have the oil removed off the top of the well water, and have the well video surveyed as part of routine maintenance. The work will also include raising the pedestal to comply with the County's 18" requirement, and reconfiguring of discharge piping and installation of new flow meter. Given the tight constraints in the pump building, it was determined the best course of action was to destroy the portion of the building that enclosed the pump and the chemical room, leaving only the motor room. The building destruction has been completed and the pump investigation/rehab will occur in 2015.
SC15-009L	Well #50 Destruction/Demo	Nicole Weideman	Incl. Above	\$0	\$0	Destruction memo paperwork is being prepared.	Several wells have been abandoned over the years and were not properly destroyed per the State and County standards. This well is one of a handful that are slated to be destroyed this year. Demolition of above ground facilities will also occur within the well site and waterlines will properly be abandoned.
SC15-009L1	Well #N13 Destruction [COMPLETED]	Nicole Weideman	Incl. Above	\$0	\$0	Work is completed.	The well has been destroyed per DWR and Sac. County requirements.
SC15-009M	Wells #63A-M Destruction	Nicole Weideman	Incl. Above	\$0	\$0	Project on hold per R. Roscoe.	Several wells have been abandoned over the years and were not properly destroyed per the State and County standards. These wells are some of a handful that are slated to be destroyed this year. Due to the wells being along the American River, staff is having to work with the County for any environmental concerns.
SC15-009N	Well #N19 Demolition Work	Nicole Weideman	Incl. Above	\$0	\$0	Plans are being prepared for the work.	Several wells have been abandoned over the years and were not properly destroyed per the State and County standards. This well is one of a handful that are still to be destroyed. In preparation for the destruction work in the following years, demolition of above ground facilities will also occur within the well site and waterlines will properly be abandoned.
SC15-009O	Well #N27 Demolition Work	Nicole Weideman	Incl. Above	\$0	\$0	Plans are being prepared for the work.	Several wells have been abandoned over the years and were not properly destroyed per the State and County standards. This well is one of a handful that are still to be destroyed. In preparation for the destruction work in the following years, demolition of above ground facilities will also occur within the well site and waterlines will properly be abandoned.

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SC15-00901	Well #23 Investigation/Rehab	Nicole Weideman	Incl. Above	\$0	\$0	Work on hold per D.Cater until after summer demand season.	Requests for quotes out to Kirby Pump and Loewen Pump to pull pump at Well 23, remove the oil off the top of the well water, and have the well video surveyed as part of routine maintenance. Work will also include raising pedestal to comply with "18" requirement, and reconfiguring of discharge piping and installation of new flow meter. Due to schedule constraints on the contractors and coordination with SMUD to alley arm the overhead lines, the pump investigation work will occur in 2015.
SC15-00902	Well #13 Site Improvements [COMPLETED]	Nicole Weideman	Incl. Above	\$30,827	\$0	Work is complete.	This well was rehabilitated last year, however the site still needs to be asphalted. This work is scheduled to occur as soon as weather permits.
SC15-00909	Well #15 Demolition Work	Nicole Weideman	Incl. Above	\$0	\$0	Plans are being prepared for the work.	Several wells have been abandoned over the years and were not properly destroyed per the State and County standards. This well is one of a handful that are still to be destroyed. In preparation for the destruction work in the following years, demolition of above ground facilities will also occur within the well site and waterlines will properly be abandoned.
SC15-009P1	Well #3A Investigation/Rehab & Site Improvements	Nicole Weideman	Incl. Above	\$320	\$0	Engineering staff is working with SMUD to get overhead power lines issue resolved.	Requests for quotes out to Kirby Pump and Loewen Pump to pull pump at Well 3A, remove the oil off the top of the well water, and have the well video surveyed as part of routine maintenance. Work will also include raising pedestal to comply with "18" requirement, and reconfiguring of discharge piping and installation of new flow meter. Additionally, due to lot size constraints, it was decided to remove the hydro pneumatic tank at the site. The tank was removed and the piping blind flanged at either end. Due to schedule constraints on the contractors and coordination with SMUD to alley arm the overhead lines, the pump investigation work will occur in 2015, along with the reconfiguration of the discharge piping once the pump pedestal has been raised.
SC15-009Q	Well #10 Demolition Work	Nicole Weideman	Incl. Above	\$0	\$0	Plans are being prepared for the work.	Several wells have been abandoned over the years and were not properly destroyed per the State and County standards. This well is one of a handful that are still to be destroyed. In preparation for the destruction work in the following years, demolition of above ground facilities will also occur within the well site and waterlines will properly be abandoned.
SC15-009Q1	Well #N1 Discharge Piping & Site Improvements	Nicole Weideman	Incl. Above	\$0	\$0	Plans are being prepared for the work.	Several hydro pneumatic tanks operated by the District were recently inspected and the pressure ratings for six tanks were found to be near or below the normal system pressure at the tank location. The District would like to replace the six tanks with either new tanks or with piping and surge anticipation valves to allow the wells to pump-to-waste when the well starts. This is one of the six wells. The tank has been removed and a flush-to-waste system will be installed into the discharge piping to resolve the concern. Engineering staff is working on the design in house. The discharge piping and flush-to-waste installation will occur in 2015.
SC15-009R	Well #N18 Demolition & Destruction	Nicole Weideman	Incl. Above	\$0	\$0	Backup documentation is being prepared.	This well has been abandoned and is scheduled for demolition and then destruction.
SC15-009R2	Atbors PRV Station RTU and Electrical	Nicole Weideman	Incl. Above	\$0	\$0	This work is being done under SC15-010F1.	SMUD application complete. According to Production Dept., the panel is in our shop. Letter requesting an easement from the property owner was mailed on 3/25/14. Followed up with a phone call on 5/1/14, 6/26/14, 7/18/14 & 10/1/14 and property manager (Stephanie) has not come to a conclusion. Stephanie will follow up and meet with her group soon to start process. Her attorney's will eventually need to get involved. Waiting.
SC15-009S	Well #N21 Demolition & Destruction	Nicole Weideman	Incl. Above	\$0	\$0	Backup documentation is being prepared.	This well has been abandoned and is scheduled for demolition and then destruction.
SC15-009T	Well #N28 Demolition & Destruction	Nicole Weideman	Incl. Above	\$0	\$0	Backup documentation is being prepared.	This well has been abandoned and is scheduled for demolition and then destruction.

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SC15-009T2	Well #N6 Waste Water Drain Project	Nicole Weideman	Incl. Above	\$0	\$0	On hold pending decision on whether to install liner in well casing. See project #SC15-009W2.	Project placed on standby. Modified waste water drain system for pump station overboard has been designed by Area West. Project will replace existing waste drain system to connect into an existing County drainage system as per the District NPDES permit. Current system directly outfalls into a County creek which does not meet the guidelines of the District's NPDES permit. However, this may not be a viable well as the existing casing has been found to have holes in it.
SC15-009U	Well #16 Demolition & Destruction	Nicole Weideman	Incl. Above	\$0	\$0	Backup documentation is being prepared.	This well has been abandoned and is scheduled for demolition and then destruction.
SC15-009U2	Well #35 Site Improvements	Nicole Weideman	Incl. Above	\$0	\$19,500	Area West is looking into SD tie in.	This well was rehabilitated last year, however some work still remains at the site to bring it current, including removal of the tank, installation of a storm drain system out to the street, a surge anticipation valve and reconfiguration of the discharge piping. The eyewash station will also be replumbed, and SCADA will be added to the site.
SC15-009V	Well #N11 Demolition & Destruction	Nicole Weideman	Incl. Above	\$0	\$0	Backup documentation is being prepared.	This well has been abandoned and is scheduled for demolition and then destruction.
SC15-009W2	Well #N6 Investigation/Rehab.	Nicole Weideman	Incl. Above	\$0	\$0	WR has been redirected to prepare documentation requesting approval to install a new well at this site.	The entire casing from the surface to a depth of 110' is riddled with holes. Wood Rodgers is working on the design for the modifications to rehab the well. The plan is install new 8" well casing in the well with an annular seal to 175'. The 14" casing will be perforated from 80'-120'. A gravel envelope will be installed from 175'-508' and a wire wrapped screen from 370'-490'. The work will be completed in 2015.
		Subtotal	\$890,000	\$90,283	\$97,134		Total budget, spent to date and additional encumbered funds on SC15-009 projects.
SC15-010	SCADA Remote Terminal Units (RTU's) / Communication Improvements / MCC Panel Replacement/Upgrades	See Below	\$300,000	\$0	\$0	See Below	This project includes improvements and modifications recommended in the SCADA Master Plan. A well site to be upgraded with new MCC panels and PLC's/RTU's in CY2015 is #N25 (Sutter). Two other well sites, yet to be determined, will be upgraded with new PLC's/RTU's only. These sites were selected from staff's control center study and analysis. In addition, a new VFD will be installed at Well #40A per a Regional Water Energy Grant obtained from SMUD (the estimated cost is \$46,000 and the grant will pay one-half).
SC15-010A	New MCC Panel for Capehart and MCC Modifications for Tanks 216 and 769	Nicole Weideman	Incl. Above	\$0	\$0	Tesco has been given verbal approval to move forward with submittal process for panel and modifications work.	This work is part of the hydraulic improvements including the installation of booster pumps at each of the three elevated tanks.
SC15-010B	SCADA RTU/PLC and MCC Units for Various Well Sites	Nicole Weideman	Incl. Above	\$0	\$0	Well Sites to be equipped with SCADA include #N6, #N1, #3A, and #35.	These well sites are not currently equipped with SCADA.
SC15-010E1	SCADA RTU/PLC and MCC Installation at Wells #N8, #N14, and #N25	Nicole Weideman	Incl. Above	\$0	\$0	Panels were ordered last year, work to be put out for construction once Electrical General Service Agreements have been signed. Affinity Engineering to prepare plans for each site.	These well sites are not currently equipped with SCADA.

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SC15-010F1	SCADA RTU Panel Installation at Elevated Tanks #769, #216 and Capehart; and Wells #14, #37, #38, #39, #40, #43, #45, #46, and #76	Nicole Weideman	Incl. Above	\$452	\$0	A few remaining sites still to be completed.	Several SCADA Remote Terminal Unit (RTU) panels were pre-purchased from Tesco Controls at the end of 2014. These panels will be installed in 2015 at various well sites and other water system facilities. Prodigy has completed work at Capehart Tank and Elevated Tanks #216 and #769 in addition to well sites #14, #37, #40, #43, #45, #46, and #76. The only remaining work at these sites is startup items, which will occur the first two weeks in January 2015. The work at Wells 38 and 39 are being removed from the contract given that they are Chromium 6 sites.
SC15-010G1	SCADA Alarm Management Plan	Doug Cater	Incl. Above	\$0	\$0	Staff is developing a scope of work, once this has been completed an RFP will follow.	Per the SCADA Master Plan, a written management plan should be developed that applies the alarm purposes, priorities, and presentation defined in the SCADA HM Standard. The alarm management plan would build upon the alarm presentation, call-out, and response procedures and develop processes to reduce nuisance alarms. Estimated project cost of \$45,000 per Master Plan. The Scope of work has been created and a meeting will be scheduled with Jeremy Pollett of Control Point Engineering.
		Subtotal	\$300,000	\$452	\$0		Total budget, spent to date and additional encumbered funds on SC15-010 projects.
SC15-011	Wellhead Treatment / Chemical Feed System Rehab. / Improvements	See Below	\$270,000	\$0	\$0	See Below	Project to cover costs associated with needing to install new and repair/replace existing wellhead treatment or chemical feed systems on an as-needed basis. One project planned for CY2015 is related to the need for Manganese (Mn) treatment at the existing Verner Well (#N36). Since this is such a large well site it is proposed to drill up to two additional wells and construct a larger Mn treatment facility (estimated capacity of 4,500 gpm) to benefit from economy of scale. This is anticipated to be a two year project. Funds are included in 2015 for design and environmental review with construction to follow in 2016.
SC15-011A	Chromium VI Operations Plan	Doug Cater	\$100,000	\$0	\$0	Combine this work with the Water System Master Plan Update (OCB Project)?	Funds are budgeted to hire a consultant to prepare a Chromium 6 Operations Plan that would evaluate groundwater well water quality data, look at BMP's and costs for adding treatment, whether additional property is needed, whether the well should be abandoned, etc.
SC15-011B	Well #75 Iron/Manganese Treatment Plant Repairs	Nicole Weideman	Incl. Above	\$0	\$0	Need to request a quote.	During Loprest's investigation, it was found that the media bed is contaminated with something that is causing higher pressure drops. It was recommended to replace the media bed down to but not including the concrete fill. Inspect the underdrain system for leaks and breakage, and pressure wash the interior of the vessel to remove accumulated sludge, and replace all manway gaskets at the same time.
SC15-011C1	Chlorinator Units at Gas Engine Sites	Nicole Weideman	Incl. Above	\$0	\$0	Units purchased in 2014 for installation in 2015.	Chlorinator units were purchased in 2014 for installation in 2015.
SC15-011D1	Fluoride Equipment Installation	Nicole Weideman	Incl. Above	\$0	\$0	Equipment was purchased in 2014 for installation in 2015.	Fluoridation equipment was purchased in 2014 for installation in 2015.
		Subtotal	\$370,000	\$0	\$0		Total budget, spent to date and additional encumbered funds on SC15-011 projects.
SC15-012	Well Replacement	See Below	\$2,450,000	\$0	\$0	See Below	* Priority depends on the well. Recommended in 2009 Water System Master Plan capital needs analysis. The new Rutland Well will be under construction at the end of 2014 and some well drilling construction costs may carry over into 2015. In addition, the pumping plant and all above-ground facilities will be constructed in 2015. Budget is included for design and drilling of a new well on property to be obtained within the new Barrett Ranch East Subdivision. Also, costs are budgeted to acquire additional land for future replacement well sites within the District.

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SC15-012A1	Rutland Well #N39 (Charles Peck School)	Nicole Weideman	Incl. Above	\$226,139	\$144,841	Well construction is completed. A Well Construction Completion Report has been received from Wood Rodgers.	Well construction is completed. A Notice of Completion was filed at the County/Clerk Recorder's Office on April 6, 2015. The District's engineer, Wood Rodgers, is currently finalizing the plans and specifications for the pump station.
		Subtotal	\$2,450,000	\$226,139	\$144,841		Total budget, spent to date and additional encumbered funds on SC15-012 projects.
SC15-013	Electrical Arc Flash Hazard Modifications at Various Well Sites	Nicole Weideman / Doug Cater	\$100,000	\$0	\$0	See Below	An electrical engineering consultant was previously hired to perform a hazard assessment of all of the District's electrical panels to determine what modifications are necessary for panels rated as Category 3 or higher. Based on work already performed, required modifications are expected to cost up to \$15,000 per well site. The highest priority modifications were completed in 2011 - 2014. However, it is assumed that a few final panels will require some sort of modification and/or corrective action and these modifications will be performed in 2015. One such panel still to be completed is the electrical distribution panel at the Administration Building.
SC15-013E2	ARC Flash Design Services	Nicole Weideman	Incl. Above	\$0	\$0		Continuation of project initiated in 2013 with Affinity Engineering. Affinity Engineering was hired to perform a hazard assessment of all of the District's electrical panels to determine what modifications are necessary for panels rated as Category 3 or higher. Approximately 17 panels remain that will require some sort of modification and/or corrective action. Based on work already performed, required modifications are expected to cost up to \$15,000 per well site. The highest priority modifications were completed in 2011 - 2013. The next set of highest priority modifications (at 14 well sites) will be performed in 2014. An amendment will be prepared for the work at the Marconi Office which will occur over 2014 and 2015.
SC15-013I2	Arc Flash Labeling Updates	Nicole Weideman	Incl. Above	\$0	\$0		The sites that have had corrective measures to date require updated arc flash hazard analysis and updated documentation and labeling. This will include 21 sites in 2014.
SC15-013K1	Wells #N33, #N29, # N24, #N23A, #N9, #60, #N22, #28	Nicole Weideman	Incl. Above	\$0	\$0		ARC FLASH ~ Control Panel Modifications to mitigate arc flash hazards by adding another level of protection upstream of the motor control center. Plan is to do Well #N29 first to see how work goes, then do #N23, N24 and N33 as those are all summer runners. #N22, N9, 28 and 60 will follow. Contract has been signed by Tesco and District. Due to scheduling constraints with SMUD shutting down sites, this work is scheduled to be completed in January 2015.
SC15-013L1	Wells #24 and #26	Nicole Weideman	Incl. Above	\$0	\$0		ARC FLASH ~ New service pedestals were purchased to mitigate arc flash hazards by adding another level of protection upstream of the motor control center. A contract with Prodigy was prepared for the installation of the panels prior to the end of the year, however due to design coordination with SMUD, this work will not be completed until early 2015.
SC15-013M1	Marconi Office ArcFlash Improvements	Nicole Weideman	Incl. Above	\$5,000	\$0		ARC FLASH ~ Prodigy will be working with District Staff and Affinity Engineering in design and constructability coordination for arc flash work to be done at the Marconi Office. The construction phase of the work will occur in 2015. Affinity's costs are tracked under SC14-013E1.
		Subtotal	\$100,000	\$5,000	\$0		Total budget, spent to date and additional encumbered funds on SC15-013 projects.
SC15-040	Engine Generator Compliance	Doug Cater	\$75,000	\$0	\$0	Waiting on recommendation from generator maintenance vendor.	Funds are included for a major engine overhaul and/or engine generator replacement (anticipate one engine overhaul in 2015).
DISTRIBUTION							

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SC15-018	Distribution Main Replacements	Dave Jones	\$9,700,000	\$0	\$0	See Below	This project assumes approximately 6.5 miles of mains to be replaced per year using service contract approach combined with District purchase of materials. Some contracted design and construction work from 2014 is anticipated to carryover into CY2015. Projects planned for construction in CY 2015 include Santa Anita Phase 2, Fair Oaks Estates and Country Club Vista North (if budget available). This includes approximately 45,000 lf of new 8" and 12" mains. Work planned for 2015 also includes completion of final paving for the Arden Oaks Main Replacement Project. Also includes hiring consultant(s) to provide support services (surveying and mapping services, SWPPP, construction management, etc.) for in-house design of projects planned for construction in 2016/2017. In addition, funds are included to pre-purchase up to 40,000 linear feet of ductile iron pipe in the fall of 2015, for installation in 2016, before anticipated price increases take affect.
SC15-018A	6166 Longmont Main Replacement [COMPLETED]	Patrick Wilson	Incl. Above	\$0	\$34,425	Project is complete.	This project is complete. Work included moving an existing backyard main into the easement nearly 5 feet off. Approximately 100 linear feet of pipe including all fittings and two water services.
SC15-018A1	2015 Barcelona Waterline Replacement Project - On Hold	Patrick Wilson	Incl. Above	\$0	\$0	Project is currently on hold.	This project will consist of the installation of approximately 6,500 feet of new water mains and approximately 150 new metered service connections. The project area is outlined by El Camino Avenue, Howe Avenue, Bell Street, and Cottage Way. Construction is anticipated in 2015, depending on budget availability. The design work for this project was completed in-house and plans and specifications are 90% complete. In addition, KASL Engineers has completed a control survey to support the design. <u>Project is on hold pending Board action.</u>
SC15-018B	Hillsdale/Robert Frost Main Replacement	Dave Jones	Incl. Above	\$1,086	\$138,751	Construction is approx. 75% complete.	A small leak was repaired on the 14" cement mortar lined and coated (CMCLC) steel main. It was observed that the mortar on the outside of the pipe was flaking and the steel pipe showed signs of extreme rust. Additional potholing was performed to determine the extent of the corroded main. This showed that there was approximately 190' of main that needed to be replaced. A new section of 16-inch ductile iron pipe is being installed in the same alignment in the PUE.
SC15-018B1	2014 Belcot Road, El Camino Avenue, and Fulton Avenue R.O.W. Improvements [COMPLETED]	Patrick Wilson	Incl. Above	\$177,637	\$28,406	Project is complete except for final paving which will be completed by Veerkamp in conjunction with their paving for the 2015 Santa Anita Waterline Replacement Project Phase 2.	M.A. Long and GM Construction have completed all work in Fulton Avenue and El Camino Avenue. On Belcot Road Performance Piping is installing the mainline and Rawles Engineering is the service line contractor. Performance Piping and Rawles Engineering have completed all work for Belcot Road.
SC15-018C	2015 Loehmann's Plaza Waterline Upgrade Project	Patrick Wilson	Incl. Above	\$5,443	\$50,557	The design for Loehmann's Plaza is 90% complete and ready for final review. The District is still working with Loehmann's Plaza to acquire a new easement for Well #76 for piping and ingress/egress. Project is currently being reviewed in terms of available budget.	Loehmann's Plaza has been an issue since Cal-Am gave the rights to the area to Arcade W.D. The Distribution Dept. has asked to create a looped system to minimize the size of the shutdown (1 valve = 48+ customers out of water). Area West Engineers have completed a survey of the area and design is approximately 50% complete. Talks have been held with the Sacramento County Water Agency (SCWA) in order to improve the intertie, and to discuss taking over their fire hydrant system within Loehmann's Plaza. SCWA staff agrees that it would be ideal to give SSWD the existing fire hydrant system, but has decided that they would prefer to maintain a looped water system with Loehmann's Plaza.
SC15-018C2	2015 Santa Anita Phase 2 Main Replacement Project	Patrick Wilson	Incl. Above	\$1,574,863	\$2,989,273	Veerkamp is approximately 50% complete with the main line piping. GM Construction is approximately 40% complete with service line installation.	The project will be outlined by Fulton Avenue, El Camino Avenue, Bell Street and Cottage Way. KASL Engineers has performed a control survey. Design work was completed in house. The project is now under construction.

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SC15-018D1	2015 Fair Oaks Estates Mainline Replacement Project	Patrick Wilson	Incl. Above	\$1,097	\$48,903	The District has re-submitted plans to the County due a re-design based on existing field conditions. Design is ready for final review.	This project will replace a high leak prone portion of ODS mainline. The project area will consist of Fair Oaks Blvd., Estates Dr., Cortlandt Dr., Treehouse Ln., Columbia Dr., and Alton Ct. An aerial survey was prepared by Area West Engineers. The design has been completed in-house.
SC15-018E1	North Country Club Estates - Phase 4 Main Replacement Project [COMPLETED]	Dave Jones	Incl. Above	\$157,204	\$564,464	Final paving still to be completed when weather conditions are favorable.	This is the final phase of the North Country Club Estates project. All new mainlines have been installed by the contractor (Veerkamp General Engineering). GM Construction still has 40 in-tract lines to complete with an estimated completion date of January 30, 2015. Final paving will be postponed until weather conditions are more favorable.
SC15-018F1	Arden Oaks - Lower and Raise Valve Boxes	Dave Jones	Incl. Above	\$0	\$0	Once final paving is completed and accepted in 2015, the District's contractor (Veerkamp) will raise the valve boxes/covers to final grade.	In conjunction with the paving partnership with the County of Sacramento, all recently installed valves were lowered 6-inches below grade in preparation for final paving (which will be performed by the County). Once final paving is completed and accepted in 2015, the District's contractor (Veerkamp) will raise the valve boxes/covers to final grade.
		Subtotal	\$9,700,000	\$1,917,330	\$3,854,779		Total budget, spent to date and additional encumbered funds on SC15-018 projects.
SC15-019	Distribution Main Improvements / Extensions / Interties and Resolving Utility Conflicts	See Below	\$500,000	\$15,082	\$0	See Below	Includes various small main replacement projects to solve distribution system hydraulic issues and relocating District facilities due to grade conflicts with County of Sacramento improvements (storm drains, etc.). Small main replacement projects planned for construction in 2015 include the Connie Drive Main Extension project, Naomi Way / Marconi Circle Main Extension, and the Marconi Circle Main Improvement project.
SC15-019A	Miscellaneous Repair Issues	Patrick Wilson	Incl. Above	\$27,613	\$100,449	Area West Engineers has preparing easement documentation for Drayton Heights and is in the process of collecting signatures.	On-going repair of miscellaneous issues that a rise out from various conflicts with County improvement projects, District facilities, developer projects and during main replacement projects. Rawles has lowered a water service in Hazelwood Avenue to avoid a conflict with a new County SD project.
SC15-019B	2015 Fulton Avenue R.O.W. Improvements Phase 2	Patrick Wilson	Incl. Above	\$78,198	\$131,723	GM Construction is 90% complete with 2 final tie-ins left to complete the abandonment in Fulton Avenue and Edison Avenue.	Finishing all work in Fulton Avenue prior to the County's paving project in May 2015. GM Construction will have work completed by April 10.
SC15-019C	48" MOV Conveyance Station 97+50 - Project On Hold	Patrick Wilson	Incl. Above	\$0	\$27,081	The valve has been ordered and is expected to arrive in April 2015. This project will be on hold until sufficient funds are available.	Replacement of the 48" MOV at Navion Drive and Interstate 80.
SC15-019D	2015 DPMWD Intertie - Annette Street	Patrick Wilson	Incl. Above	\$0	\$8,153	GM Construction has acquired the necessary encroachment permit for DPMWD and will be starting potholing on April 7.	The District will be cost sharing (50%) for a new 8" intertie between DPMWD and SSWD. SSWD is pre-ordering the vault and meter for the project. The project will be completed under DPMWD's contract with GM Construction. Project is to be completed in front of the County's paving project on Eastern Avenue in June 2015.
SC15-019E	County Contract #4237) Howe Avenue SRTS	David Espinoza	Incl. Above	\$0	\$0	County Construction to begin July 6, 2015. District Staff will relocate facilities by end of June.	Project will relocate 6 meters to back of proposed sidewalk and remove 2 bollards fronting a fire hydrant.
SC15-019K1	Antelope Road Widening CCARV Replacement Project - Project On Hold	Patrick Wilson	Incl. Above	\$0	\$0	Project is on hold until sufficient funds are available.	Includes the upgrading and replacement of the oldest 17 CCARV's on the 48" Conveyance Pipeline. The design is complete and specifications are being reviewed by staff. Once approved project will be ready for construction. The District has pre-purchased all CCARV's and enclosures necessary for the project.

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Project No.	Project Name	Responsible Staff	Approved and/or Amended 2015 Budget	CY15 Spent To Date (\$) (Thru 3/27/15)	Remaining Encumbered Funds (\$)	Project Status	Project Description
SC15-019N1	2014 McKinney Way Main Extension	Patrick Wilson	Incl. Above	\$355	\$29,685	Paving work remains to be completed by Veerkamp; will be completed at the same time as North County Club Phase 4.	In preparation of the Rutland Well an 8" ACP backyard water main needs to be abandoned to make room for the new well building. Veerkamp was the low bidder and completed the installation of 11 new metered front yard services, 2 new fire hydrants, and 500-LF of 12" DIP. The construction work is completed with the exception of final paving and the District is waiting on final billing for the project.
SC15-1901	2014 Heatherdale Main Extension Project [COMPLETED]	Patrick Wilson	Incl. Above	\$128,510	\$108,867	Paving work remains to be completed.	Install approximately 1,485 linear feet of 8" DIP and 22 new metered water services, and 3 new fire hydrants. Rawles Engineering has completed all work and the County has accepted the project.
		Subtotal	\$500,000	\$249,758	\$405,958		Total budget, spent to date and additional encumbered funds on SC15-019 projects.
SC15-020	McClellan Improvements	N/A	\$0	\$0	\$0	N/A	Improvements required per agreement with McClellan AFB. (Combined into project -019 above.)
SC15-022	Water Related Street Improvements (Lowering/Raising Valve Boxes)	See Below	\$150,000	\$0	\$0	See Below	This project includes lowering and raising existing water valve boxes before and after pavement grinding and overlay by the County of Sacramento and/or the City of Citrus Heights. Typically, the County of Sacramento and City of Citrus Heights have 2 to 4 projects a year and the District's cost projection is an annual average of their project impacts. This project also includes work identified by the District's Preventative Maintenance (PM) crew including raising valve boxes, etc.
SC15-022A	County Contract #4220) El Camino Lower/Raise Valves on 2015 Federal AC Overlay Project	David Espinoza	Incl. Above	\$0	\$0	County construction to begin in August 2015. District staff intends on contracting with County's contractor.	Lower then raise approximately 67 valve boxes along El Camino Avenue, Eastern Avenue and Marconi Avenue.
SC15-022B	County Contract #4263) Fulton Lower/Raise Valves on 2015 AC Overlay Project	David Espinoza	Incl. Above	\$0	\$0	County construction to begin on July 6, 2015. District staff intends on contracting with County's contractor.	Lower then raise approximately 53 valve boxes along Fulton Avenue from Marconi Avenue to Auburn Blvd.
SC15-022C	County Contract #4269) Garfield Lower/Raise Valves on 2015 Federal Phase 2 AC Overlay Project	David Espinoza	Incl. Above	\$0	\$0	County construction to begin on June 1, 2015. District staff intends on contracting with County's contractor.	Lower then raise approximately 8 valve boxes along Garfield Avenue from S/O of Verner Avenue to Greenback Lane.
		Subtotal	\$150,000	\$0	\$0		Total budget, spent to date and additional encumbered funds on SC15-022 projects.
SC15-024	Meter Retrofit Program - District Funded and 2013/14 CalFED Meter Retrofit Grant	David Espinoza	\$1,613,000	\$494,502	\$4,292,561	Flowline has installed 224 meters through March 25th.	District is on schedule to comply with AB 2572 requirement to install meters in California by 2025. Specific meter retrofit schedule is in accordance with updated Water Meter Retrofit Plan adopted in September 2004 and last updated in 2014. In 2015, an estimated 1,084 meters will be replaced as part of the retrofit program. Approximately 143 meters will be replaced using CalFED grant funds which were obtained to accelerate meter installation.
SC15-024A	Voluntary Meter Retrofit Program	Matt Underwood	\$75,000	\$6,453	\$1,800	Two voluntary meters installed.	Budget is provided to install new water meters as requested by customers through the District's voluntary meter program. Expenditures over the past five years have averaged approximately \$125,000/year.
		Subtotal	\$1,688,000	\$500,955	\$4,294,361		Total budget, spent to date and additional encumbered funds on SC15-024 projects.

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Project No.	Project Name	Responsible Staff	Approved and/or Amended 2015 Budget	CY15 Spent To Date (\$ (Thru 3/27/15))	Remaining Encumbered Funds (\$)	Project Status	Project Description
SC15-042	Meter Replacement and Repair	Matt Underwood	\$100,000	\$0	\$0	No work started as of March 2015.	Recommended in 2009 Water System Master Plan capital needs analysis. This is the initiation of a planned program to repair and/or replace water meters that outlived their useful life (typically 15 years). In the Master Plan, an inventory of meters installed from pre-1990 through 2009 was used to project a meter replacement schedule. SSWD staff will test the meters first to assess performance and to determine if they are still within AWWA accuracy standards. In 2015, it is estimated that a total of approximately 175 existing water meters in sizes from 3/4 -inch to 2-inch will be replaced. The new water meters will be compatible with the new fixed network meter reading system.
SC15-027	Distribution System Major Repairs	See Below	\$350,000	\$0	\$0	See Below	Consists of repair of major main breaks that require replacement of infrastructure.
SC15-027A	Leak at Intersection of Forcum Avenue and Nelson Street, WO #139418 [COMPLETED]	Bob Ames	Incl. Above	\$6,800	\$1,095	Physical work was completed on January 7, 2015. Processed invoice on 2/3/2015.	Staff was informed of this leak and coordinated with a District contractor to mitigate this failure. Dolver Company has been hired to repair this leak. This was a coupling leak however was close to other appurtenances which resulted in those needing to be replaced as well (Lead).
SC15-027B	MBP Bldg. #251, WO# 139064	Bob Ames	Incl. Above	\$0	\$6,595	Physical work was completed on January 12, 2015 waiting for invoice.	Staff was contacted by MBP Management and informed of a leak on/near the flight line, which is where most of the ACP gasket failures occur. Staff attempted to use the correlator to locate the leak; However, it is not working. Staff contacted the Manufacturer, they assisted and it is assumed that the Flight Towers radio is creating an interference with the correlator signal. Contractor will initiate exposing couplings and locating by means of process of elimination. The concrete is 12" thick which means the leak can be traveling over a large area and not surfacing at the location of the failure. This expense may escalate due to this issue. Contractor identified a coupling gasket had failed. Repaired using an FCRC.
SC15-027C	Peacekeeper & Watt Avenue, WO #139149 [COMPLETED]	Bob Ames	Incl. Above	\$6,107	\$0	Completed.	Staff was contacted and informed of a major leak at the intersection of Peacekeeper and Watt Avenue. Staff contacted Tetra Tech to mitigate this leak. This leak was on a 6" ACP coupling. Physical Work Completed January 9, 2015 waiting for invoice.
SC15-027D	Watt Avenue and Longview Drive, WO#140145 [COMPLETED]	Bob Ames	Incl. Above	\$62,073	\$0	Physical work completed on February 4, 2015. Processed invoice on 2/18/2015.	Staff assessed water pooling on the NW side of Watt Avenue and Longview Drive and determined by utilizing the correlator that there is a leak on an 8" ACP water main. The correlator identified the leak location at/or near the NE northbound lane of Watt Avenue at the intersection of Longview Drive. Staff has coordinated with a District Contractor and is scheduling an emergency repair which will require night work. This project escalated due to identifying an additional leak which was mitigated.
SC15-027E	4999 Hemlock Street, WO #140919 [COMPLETED]	Bob Ames	Incl. Above	\$7,005	\$1	Completed.	On February 17th staff identified a leak on an 8" MLS water main at 4999 Hemlock. This is a high traffic road way and potential large scale leak: Therefore, this repair assignment was outsourced to a District contractor. This was a S/L failure. Contractor replace welded 3/4" corp with an FCRC and installed a new 1" S/L to District Standards.
SC15-027F	Conveyance Pipeline (CARV)	Bob Ames	Incl. Above	0	\$34,000	Staff is ordering materials as of 3/30/15.	Due to scheduled repair work, various CARVs are scheduled for replacement prior to dewatering and/or refilling the pipeline.
		Subtotal	\$350,000	\$74,980	\$41,691		Total budget, spent to date and additional encumbered funds on SC15-027 projects.
SC15-028	Distribution System Improvements	See Below	\$375,000	\$0	\$0	See Below	Note: New account. Includes funds originally budgeted under O&M Accounts No. 07-54507, 07-54511 and 08-54507. Covers costs for miscellaneous distribution system repairs improvements including new taps/saddles, new water service lines, etc.
SC15-028A	7201 Brattle Court, WO #139734 [COMPLETED]	Bob Ames	Incl. Above	\$3,400	\$0	Completed.	Staff identified a 8" MLV that was non-operational and in need of replacement. This project will be outsourced to Rawles Engineering.

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Project No.	Project Name	Responsible Staff	Approved and/or Amended 2015 Budget	CY15 Spent To Date (\$) (Thru 3/27/15)	Remaining Encumbered Funds (\$)	Project Status	Project Description
SC15-028B	6304 Meadow Vista Drive, WO #139306 [COMPLETED]	Bob Ames	Incl. Above	\$2,267	\$850	Completed.	Staff identified a 3/4" service lateral that is failing in need of replacement. This is a long side service which will require boring. This service lateral will be brought up to current District Standards.
SC15-028C	5724 Cypress Avenue, WO#140083 [COMPLETED]	Bob Ames	Incl. Above	\$11,400	\$13,800	Completed.	A service lateral is being damaged and is falling due to a very large cedar tree and the S/L needs to be relocated in order to properly eliminate this from occurring in the future. As well the S/L to the west is being relocated from the 6" M/S to the 12" ACP water main during this project. Due to Appendix A of Sac. County's Paving requirements, this pavement restoration was more expensive than the actual repair. 15,900 to 9,300.
SC15-028D	5110 Auburn Blvd. & 5122 Auburn Blvd., WO#123474 & 140627 [COMPLETED]	Matt Underwood	Incl. Above	\$3,800	\$8,418	Completed. Scope of work changed. When this was exposed, it was identified that there were two separate copper services. Retrofitted setters on existing copper. Submitted Donated Asset Forms.	Meter angle valve is broken and service cannot be locked off. At this location there is one service lateral that feeds two meters that serve two separate properties. This EA is to upgrade the services to current standards.
SC15-028E	7101 Regard Way, WO #140495 [COMPLETED]	Bob Ames	Incl. Above	\$10,550	\$300	Completed.	Staff identified two 12" BFMLV valves that are non-operational or repairable and in need of replacement. This will include tee replacement.
SC15-028F	3535 Elkhorn Blvd., WO #139364	Bob Ames	Incl. Above	\$0	\$5,600	Work is underway.	Staff identified a gate valve curb stop that is non - operational. Staff will upgrade this poly service lateral to current District Standards.
SC15-028G	2525 Larkspur Lane, WO #140625 [COMPLETED]	Matt Underwood	Incl. Above	\$4,700	\$300	Completed - Sent Donated Asset Form for 2" service.	Districts shutoff valve at the meter is a 2" gate valve that does not close tight. Due to the faulty valve water cannot be turned to this complex. This EA is to upgrade the service to current standards.
SC15-028H	2917 Orange Grove Ave, WO #141040 [COMPLETED]	Matt Underwood	Incl. Above	\$1,500.00	\$0	Completed. Sent Donated Asset Form for 1" short side service.	SSWD valve at meter is a gate valve and the stem is broken off. Unable to turn off service. Replace 1" service line.
SC15-028I	3902 Annadale Ln.	Matt Underwood	Incl. Above	\$0.00	\$8,400.00	Initiated - Work orders #141716 & #141717.	Intract leak. Customer can not make repairs due to SSWD gate valves not closing tight on two 2" services. Upgrade services to current standards
		Subtotal	\$375,000	\$37,617	\$37,668		Total budget spent to date and additional encumbered funds on SC15-028 projects.
SC15-038	Large Water Meter (> 3") Replacement Program	Matt Underwood	\$140,000	\$11,405	\$38,190	No work started as of January 2015.	Consists of the replacement of old large (> 3") water meters that have outlived their useful life. Assumes an average of 5 large meters will be replaced each year. Meter installations will also be upgraded to allow for testing and ease of maintenance. For 2014, an additional \$50,000 has been included in the budget for the installation of meter by passes. This is an ongoing project and work is scheduled according to findings related to the Meter PM Program.
SC15-039	Fire Hydrant Replacement / Rehabilitation / Additions	See Below	\$200,000	\$0	\$0	See Below	The 2009 Water System Master Plan identified some areas with insufficient fire flow. This project will bring these areas into compliance with minimum District and fire district standards, especially in those areas where main replacement projects are not scheduled for several years.
SC15-039A	Forcum/Nelson, WO #139561 [COMPLETED]	Bob Ames	Incl. Above	\$7,812	\$0	Completed.	Fire hydrant has been identified as being non-operational/repairable. This will be a complete "T" to hydrant replacement.
SC15-039B	3701 Lowry Drive, WO #138225 [COMPLETED]	Bob Ames	Incl. Above	\$6,276	\$0	Physical work completed February 6, 2015. Processed invoice on 2/18/2015.	Staff identified a leak on the 4" riser of a wharf fire hydrant that doesn't have an isolation valve. This wharf will be replaced with a complete steamer fire hydrant per District Standards. Additional work was necessary due to a concrete flag had to be removed to accomplish this replacement.

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Project No.	Project Name	Responsible Staff	Approved and/or Amended 2015 Budget	CY15 Spent To Date (\$) (Thru 3/27/15)	Remaining Encumbered Funds (\$)	Project Status	Project Description
SC15-039C	2247 Royale Rd. WOR#138418 [COMPLETED]	Bob Ames	Incl. Above	\$10,410	\$10,410	Completed.	Staff identified a fire hydrant isolation valve broken in the open position and in need of replacement. Due to close proximity of other appurtenances additional fittings and valves will be replaced. This will be a complete fire hydrant replacement and upgrade. Work is scheduled for January 27, 2015.
SC15-039D	Forcum/Nelson, WO #140586	Bob Ames	Incl. Above	\$0	\$7,812	Work is in progress.	Fire hydrant has been identified as being non-operational/repairable. This will be a complete "T" to hydrant replacement.
SC15-039E	Bldg. #1074, WO #141475	Bob Ames	Incl. Above	\$0	\$12,075	Work is in progress.	Staff identified a low-profile hydrant located on the Tarmac that is not operational nor repairable. Staff is submitting paperwork for the approval process.
		Subtotal	\$200,000	\$24,498	\$30,297		Total budget, spent to date and additional encumbered funds on SC15-039 projects.
STORAGE & DISTRIBUTION							
SC15-034	Corrosion Control and Reservoir and Tank Painting/Coating, Upgrades and Improvements	See Below	\$150,000	\$0	\$0	See Below	Note: Includes funds originally budgeted under O&M Account 06-54508. Transmission mains, storage and hydro pneumatic tanks, and corrosion control facilities are on a scheduled maintenance program for inspection, testing, and recoating as necessary. For 2015, planned work includes ground storage tank inspections, cleaning and spot painting and repairs at the (Antelope and Watt/Elkhorn Reservoirs) and painting at miscellaneous well sites, including coating of hydro pneumatic tanks. Coating work will be performed as necessary based on inspection results. Also included are structural engineering inspections and analysis of the District's three elevated water tanks.
SC15-034A	Corrosion Control - CMLC Water Mains	Patrick Wilson	\$50,000	\$0	\$3,105	Contract has been signed for JDH Corrosion, and they are proceeding with finalizing the Conveyance Pipeline Rectifier Design, specifications, and bid documents.	The District is moving forward with acquiring well drilling permits for the Conveyance Pipeline to install five new anode wells. Additionally, the District is working with SMUD to acquire power for each of the five sites. AWE is working on collecting any necessary easements for all rectifier locations.
SC15-034C1	Hydraulic Improvements at Elevated Tanks 216, 769, and Capehart	Nicole Weideman	Incl. Above	\$58,648	\$190,827	Construction work is underway by Kirby Pump and Mechanical.	Affinity Engineering has designed hydraulic improvements for the Elevated Tanks 216, 769, and Capehart to make them in compliance with DDW inspection requirements. Kirby Pumps and Prodigy Electric are performing the work. Construction work started in January 2015.
SC15-034D1	Antelope Reservoir Flow Meter Replacement	Nicole Weideman	Incl. Above	\$0	\$0	Need to order new flow meter.	The flow meter at the Antelope Reservoir is not working properly and needs to be replaced. Due to backorder constraints and lead time, the flow meter will be purchased in early 2015 and the design work and construction will occur in 2015.
		Subtotal	\$200,000	\$58,648	\$193,932		Total budget, spent to date and additional encumbered funds on SC15-034 projects.
SPECIAL PROJECTS							
SC15-035	Professional/ Special Services	See Below	\$200,000	\$0	\$0	See Below	Includes potential professional services for CEQA Work, Preliminary Design, Special Studies, Hydraulic Modeling, Surveying, etc.
SC15-035B	2015 Conveyance Pipeline Rectifier Easements	Patrick Wilson	Incl. Above	\$0	\$0	Area West is collecting title reports to determine the District's existing easements for three rectifier sites.	This is a task order for Area West to determine the limits for three easements to install new rectifiers on the Conveyance Pipeline at the following locations: Old Auburn Road and Antelope Road/Purslane Way/Don Julio Way and Antelope Road.

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Project No.	Project Name	Responsible Staff	Approved and/or Amended 2015 Budget	CY15 Spent To Date (\$) (Thru 3/27/15)	Remaining Encumbered Funds (\$)	Project Status	Project Description
SC15-035F1	Well Site Investigation - Surveying Services	Nicole Weideman	Incl. Above	\$0	\$0	Will be used on an as needed basis.	Investigation of existing District property as well as potential new properties, including easements, title deeds, etc.
SC15-035G1	Elevated Water Tank Analysis	Nicole Weideman	Incl. Above	\$257	\$0	Affinity design complete, just assisting with seeing project through construction.	Based on a CDPH inspection, three of the District's elevated water storage tanks have operational issues and common inlet/outlet designs that may pose water age problems. According to CDPH, "All new reservoirs must have a separate inlet and outlet. Since these are existing tanks, SSWD should submit an operational plan that shows how the water in the tanks will be routinely cycled to minimize water stagnation." New booster pumps are proposed to allow the water in the tanks to be cycled in/out on a daily basis. Affinity Engineering has completed design for the three tanks and construction will take place in January 2015.
SC15-035H1	Auburn Corp. Yard Property Line Adjustment	Dave Jones	Incl. Above	\$0	\$19,386	A task order has been approved with Area West Engineering in the amount of \$38,000.	Work related to potential parcel split and sale of unused parcels.
SC15-035J1	Review of District Regulations and Improvement Standards	David Espinoza / Patrick Wilson	Incl. Above	\$15,081	\$4,043	Draft Final Report went to F&O Committee on 03/30/2015 and expected to go back to F&O on 04/20/2015. Possibly going to Board on 05/18/2015.	The District has hired Coleman Engineering to review the District's Regulations Governing Water Service and Improvement Standards and Technical Specifications. The goal is to align the District's standards with others. The contract with Coleman Engineering is dated November 19, 2014, in the amount of \$25,000. The work is underway and will be completed by February 2015.
				Subtotal	\$200,000	\$15,338	\$23,429
CONJUNCTIVE USE							
SC15-043	Antelope Pump Back Project - "Pump Around" Component (SSWD)	Dave Jones	\$360,000	\$89,417	\$7,242	Project is under construction. Contractor is W.M. Lyles Co. Change Orders No. 1 through 4 have been processed. CO No. 1 was a credit in the amount of \$441,912 for various cost saving measures.	Notice to Proceed for construction was issued to W.M. Lyles on December 10, 2014. Construction is well underway. The current schedule shows that the pump station will be substantially completed and operational by mid-September 2015.
SC15-043A	Antelope Pump Back Project - "Pump Back" Component (SIWD)	Dave Jones	\$0	\$256,928	\$14,599	See above.	See above.
SC15-044	Capital Improvements to CTP (SIWD)	John Valdes	\$7,000	\$0	\$0	Still waiting to be invoiced by SIWD.	District's cost share (owed to San Juan Water District) for Cooperative Transmission Pipeline (CTP) Corrosion Testing for 2015.
SC15-045	Enterprise Intertie Improvements	John Valdes	\$52,000	\$0	\$0	City of Sacramento has agreed to pay for 60% of local (non-grant) cost share. Staff will ask for Board approval at April Board Meeting.	This project would improve regional supply reliability and promote conjunctive use. SSWD has an existing intertie with the City of Sacramento at SSWD's Enterprise Reservoir site. This intertie was originally designed for SSWD to take delivery of treated surface water purchased from the City of Sacramento. With the addition of some piping, a control valve and instrumentation and controls, this intertie could also be used for SSWD to deliver excess groundwater supplies to the City of Sacramento in dry years, thereby promoting conjunctive use. It is estimated that an instantaneous supply of as much as 20.0 mgd could be made available for delivery to the City. Over a 90-day summer period, an estimated 5,850 acre-feet (AF) could be delivered to the City through the intertie. This would be excess fluoridated groundwater from SSWD's South Service Area (SSA). The estimated total project cost is \$178,700 but a Prop. 84 Drought Implementation Grant in the amount of \$110,625 has been tentatively awarded by the Dept. of Water Resources (DWR).

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Project No.	Project Name	Responsible Staff	Approved and/or Amended 2015 Budget	CY15 Spent To Date (\$) (Thru 3/27/15)	Remaining Encumbered Funds (\$)	Project Status	Project Description
Totals							
			\$18,257,000	\$3,524,131	\$9,237,725		



Agenda Item: 23

Date: April 13, 2015

Subject: Proposition 84 Drought Grant for Enterprise Intertie Improvement – Update

Staff Contact: Dan York, Assistant General Manager

At the February 23, 2015 regular Board meeting, staff recommended the following:

- 1) Approve entering into a cost sharing agreement with the City of Sacramento (City) to equally share the non-grant funded share of project costs related to the Enterprise Intertie Improvements project.
- 2) Authorize the General Manager to execute a cost sharing agreement with the City subject to legal counsel review and approval.

The Board did not approve staff's recommendation and directed staff to renegotiate with the City to see if they would be willing to pay for a higher percentage. As reported at the February 23, 2015 Board meeting, the estimated total cost of this project is \$178,700, of which grant funding will pay \$118,125. Therefore, the District would be obligated to pay the remaining amount, which is \$60,575. As a reminder, District staff initially met with City staff on February 6, 2015, and they offered a 50-50 cost split for the non-grant cost share. The City's cost share would be \$30,287 based on the current estimated cost of the project. The Board did not provide staff with a particular percentage amount to renegotiate with City staff.

District staff met with City staff on April 1, 2015. Upon completion of the meeting, City staff stated that they are willing to bring before the City Manager an increased cost share, but informed staff that 100% of the non-grant cost share for the project would not be approved. It was recommended that the District obtain a not to exceed percentage amount from the District's Board. For example, if the Board directs staff to propose a 60/40 cost split the City's cost share would be \$36,345 and the District's cost share would be \$24,230. Funds for this project were included in the approved CY2015 CIP Budget.



Agenda Item: 24

Date: April 7, 2015

Subject: Aerojet Rocketdyne – Notification of Groundwater Sampling Results and Proposed Response for New Monitoring Wells

Staff Contact: John E. Valdes, Engineering Manager

The District has received a letter from Aerojet Rocketdyne to the Environmental Protection Agency (EPA) providing notification of groundwater sampling results and a proposed response for new monitoring wells. See Exhibit 1 attached to this report for a copy of the letter. As indicated in the letter, Aerojet has found NDMA to be present in two new monitoring wells located north of the American River. The closest water supply wells are the District’s Wells #N12 and #N20. In response to these new findings, Aerojet Rocketdyne is planning on drilling three new monitoring wells (as shown in Figure 1 attached to the letter). These new monitoring wells would be constructed during the second quarter of 2015.

Further reports will be made to the Board of Directors as more information becomes available.



Exhibit 1

Received

APR 02 2015

SSWD

March 30, 2015

Mr. Kevin Mayer
U.S. Environmental Protection Agency
75 Hawthorne Street (SFD-7-2)
San Francisco, CA 94105

RE: Notification of Groundwater Sampling Results and Proposed Response for
New Monitor Wells 30454 (GET LB Area) and 30456 (GET J Area),
Western Groundwater Operable Unit (OU-3),
Aerojet Superfund Site, Sacramento, California

Dear Mr. Mayer:

This notification and proposed response is being provided following receipt of sampling results from two recently completed monitor wells in the Western Groundwater Operable Unit (OU-3) at the Aerojet Superfund Site, Sacramento, California. These wells were constructed in areas where previous Performance Evaluation Reports (PERs) identified areas of uncertainty regarding the extent of groundwater impacts and/or the achieved containment area.

Findings

Monitor Well 30454

Monitor well 30454 was installed in Layer D northwest of GET LB and extraction well 4706 (Figure 1). Following completion of the well in December 2014, Aerojet Rocketdyne (AR) collected samples for the first time on December 30, 2014. NDMA was detected at 19 nanograms per liter (ng/l). AR re-sampled the well on January 26, 2015, to verify this first-time result and to address some possible laboratory QA/QC issues that were identified in a number of NDMA analyses completed around that time. The re-sampling confirmed the initial result of 19 ng/L, which is greater than the compliance level of 2 ng/l. (Well 30454 is not in the approved compliance and sentinel well monitoring plan for OU-3.)

This result shows that NDMA appears to be present beyond the capture zone of extraction well (EW) 4706. However, it is unclear if this result is representative of contaminant mass that existed downgradient of EW 4706, beyond capture, before the EW went online, or if it is representative of incomplete capture by EW 4706.

Monitor Well 30456

Monitor well 30456 was installed in Layer D west of the GET J containment area established by extraction wells 4650, 4695, and 4685 (Figures 2 and 3). Samples were collected from this monitor well on January 29, 2015, and TCE was present at 18 micrograms per liter (ug/L), which is above the compliance level of 5 ug/L, and perchlorate at 5 ug/L, which is above the compliance

level of 4 ug/L. (Well 30456 is not in the approved compliance and sentinel well monitoring plan for OU-3.) As shown on Figures 2 and 3, the TCE and perchlorate plumes extend beyond the GET J containment area, likely as far as MW 30224 (TCE 10 ug/L; perchlorate 5.5 ug/L). This interpretation represents a change from previous depictions (2014 Inner Barrier PER), which indicated the TCE and perchlorate plumes were limited to the GET J area, east of Sunrise Boulevard. NDMA was detected at 130 ng/L at MW 30456, which is above the compliance level of 2 ng/L; however, this result is consistent with previous depictions of the configuration of NDMA which was known to exist beyond the GET J containment area. NDMA is captured and treated downgradient of this location, via EWs 4718, 4726, and 4706; however, perchlorate treatment is not currently available at GETs K and L, while TCE treatment is present at these GETs.

Proposed Response

MW 30454

The nearest water supply wells to MW 30454 are Sacramento Suburban Water Supply District Wells N12 and N20, located approximately 5,000 and 7,500 ft northwest and west, respectively. Therefore, groundwater users are not likely at risk from the NDMA detected at MW 30454. However, AR is committed to determining the full extent of impacted groundwater, establishing early warning or sentinel monitor wells for these downgradient water supply wells, and determining what future actions might be necessary to protect groundwater resources. If further investigation indicates there is incomplete capture, AR will initiate a design and construction process to extend capture as necessary.

Planning is underway for the construction of a monitor well between EW 4706 and MW 30454, if access is possible, as shown on Figure 1. This well would be completed in layers C and D in order to further evaluate the potential for an on-going loss of capture by EW 4706, or whether the NDMA detection at MW 30454 represents mass that was beyond the containment area before the startup of EW 4706. If the data from this new monitor well indicates incomplete capture, this new monitor well will be useful for designing additional extraction. Additional proposed response includes construction of two more monitor wells downgradient of MW 30454 (in the approximate areas shown on Figure 1) in layers C and D in order to establish the downgradient extent of NDMA and to establish possible sentinel monitoring points for the two downgradient water supply wells. These three additional monitor wells are planned to be constructed in the second quarter of 2015. Recommendations for further response may be available during August 2015, following receipt of analytical and the completion of additional capture zone modeling (acknowledging the water level data from the new wells).

MW 30467

Regarding the extension of TCE and perchlorate beyond the Inner Barrier containment zone of GET J, AR proposes initially installing an additional monitor well west of MW 30223/30224 as shown on Figures 2 and 3. This monitor well will be completed in layers C and D, as well as layer E to evaluate whether layer E has been impacted through downward migration. The layer C and D completions will further define the extent of TCE and perchlorate, and will provide valuable

hydraulic information to address uncertainties on a possible gap in the capture between EW 4701/4726 and EW 4706, as identified in the Outer Barrier PERs. This information is expected to also help with predictions of which downgradient extraction wells may experience increasing concentrations of TCE and perchlorate so that treatment upgrades can be made. Similar to the three planned monitor wells northwest of EW 4706, the monitor well west of MW 30224 is planned to be completed by the end of June 2015.

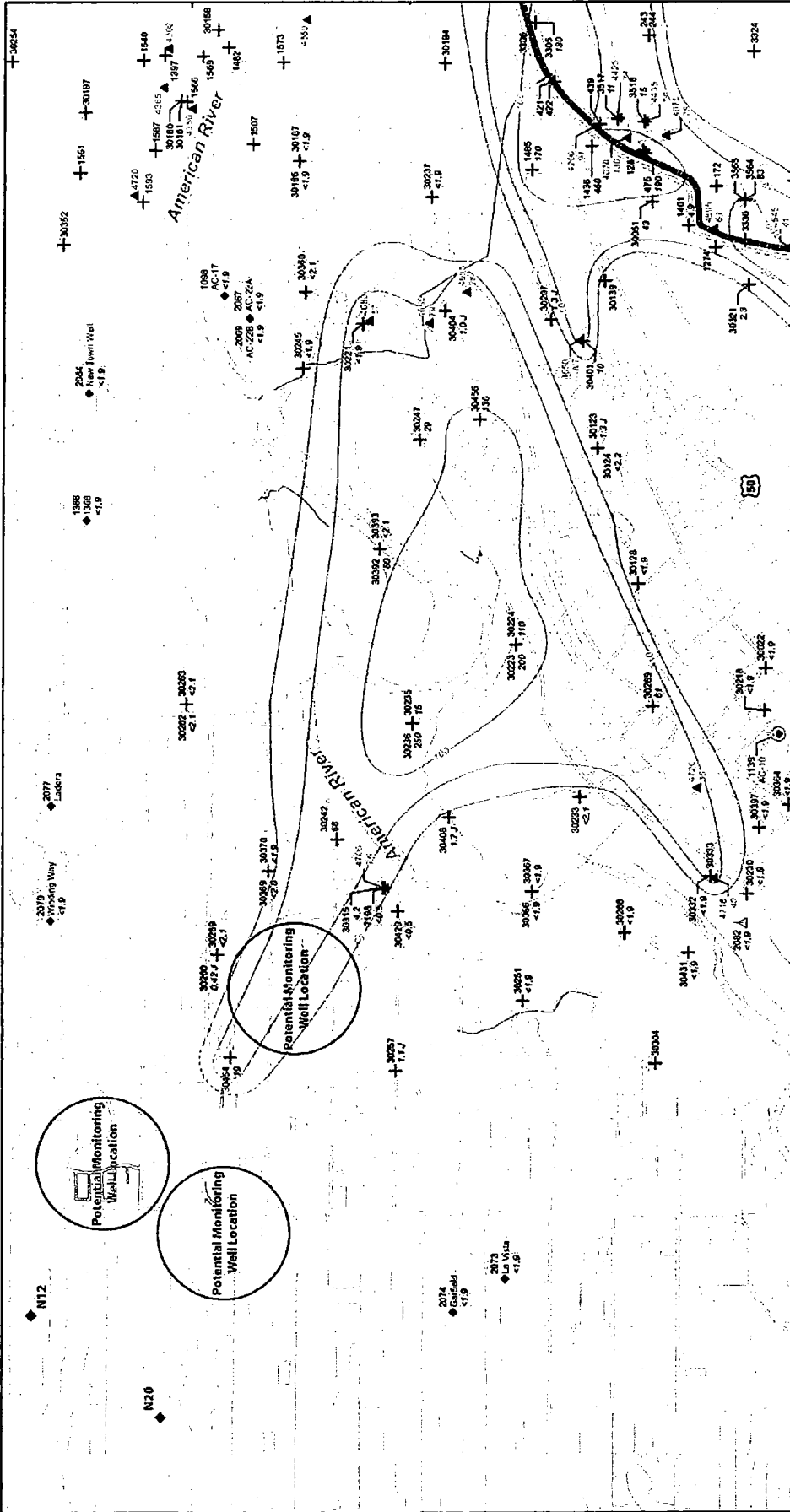
If you have any questions regarding this transmittal, please call me or send an email.

Sincerely,



Rodney A. Fricke
Environmental Specialist
(916) 355-5161
rodney.fricke@rocket.com

cc: Alex MacDonald, RWQCB
Steven Ross, DTSC
Tessa McRae, Sullivan
Mark Varljen, Aerojet Rocketdyne
Steve Nugent, Carmichael Water District
Rob Roscoe, Sacramento Suburban Water District
Paul Schubert, Golden State Water Company



Layer D NDMA Isoconcentration Contours
2014 - 2015
Vicinity of GET LB
Aerojet Superfund Site
Rancho Cordova, California

Geosyntec
consultants

Project No: 5AC160 March 2015

Notes

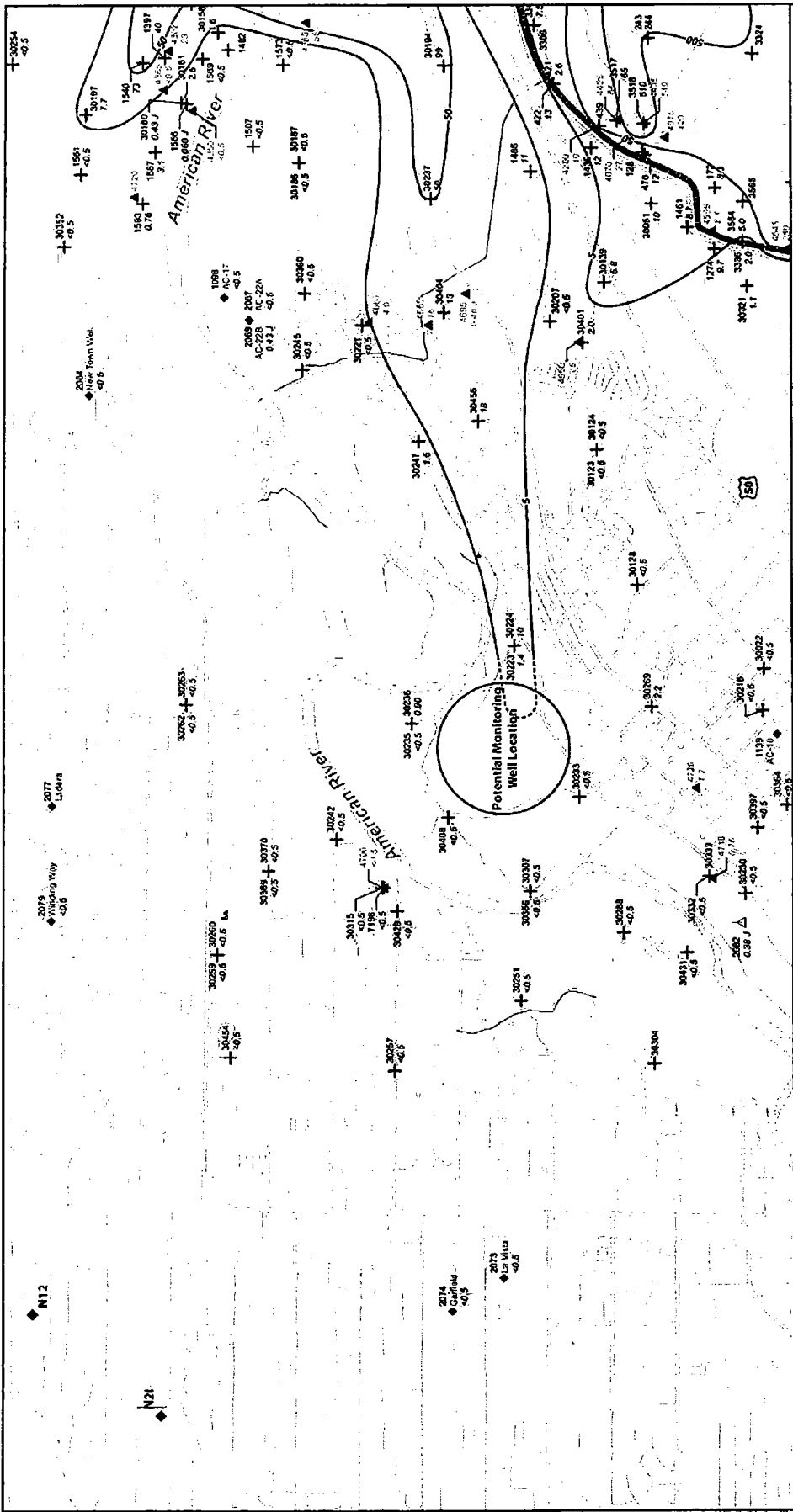
- + Well Number
- + NDMA concentration (ng/L)
- Extraction well location as presented in red.
- Monitoring location, no sample during time period.
- Contours near these wells based on previous data.
- NDMA not reported above the laboratory reporting limit shown.
- J = estimated concentration
- ng/L = nanograms per liter
- NDMA = n-Nitrosodimethylamine
- Note = Yellow highlight indicates existing Outer Barrier compliance and/or sentinel well.
- Sacramento Suburban Water District wells N12 and N20 are 524 and 602 feet deep, respectively.
- Corresponding hydrogeologic layer for these wells have yet to be determined.

Legend

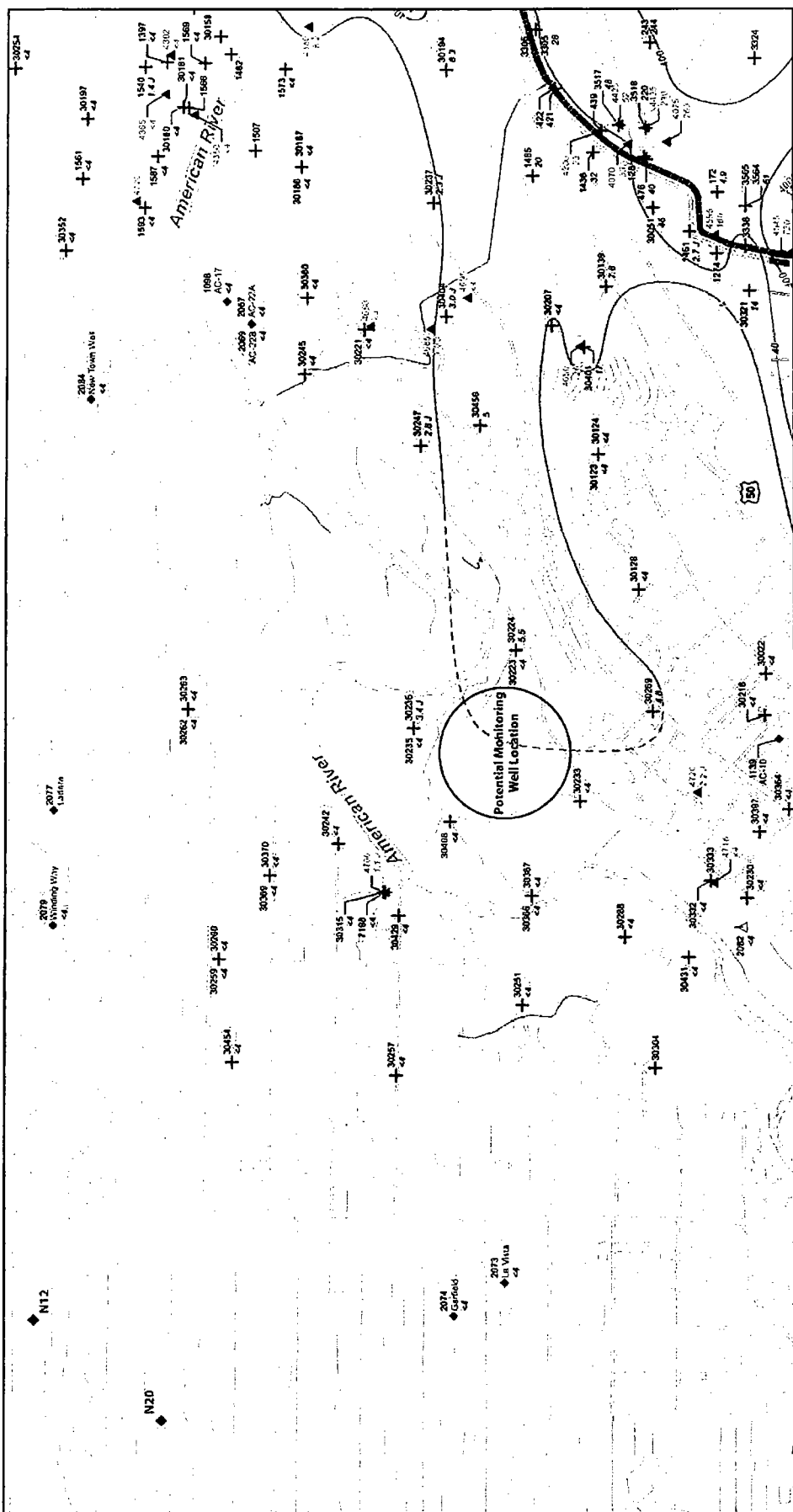
- + Monitoring well
- Extraction well
- Irrigation well
- ◇ Water supply well
- ◇ Approximate location of Sacramento Suburban Water District well
- - - Approximate line of equal NDMA concentration, dashed where inferred (ng/L)
- Aerojet property boundary

0 1,000 2,000 Feet

Figure
1



<p>Legend</p> <ul style="list-style-type: none"> + Monitoring well ▲ Extraction well △ Irrigation well ◆ Water supply well ◆ Approximate location of Sacramento Suburban Water District well 		<p>NOTES</p> <ul style="list-style-type: none"> + Well Number ▲ TCE concentration (µg/L) △ Extraction wells and analytical results are presented in red. No posting indicates no sample during time period. △ Contours near these wells based on previous data. <- TCE not reported above the laboratory reporting limit shown. J = estimated concentration TCE = Trichloroethene µg/L = micrograms per liter ft = feet High light indicates existing liner Barrier compliance and/or sentinel well. Sacramento Suburban Water District wells N12 and N20 are 524 and 602 feet deep, respectively. Corresponding hydrostratigraphic layer for these wells have yet to be determined. 	
<p>Layer D Trichloroethene Isoconcentration Contours</p> <p>2014 - 2015</p> <p>Variety of GET Site Aerjet Bancro, Contra Costa, California</p>		<p>Geosyntec consultants</p> <p>Project No: SAC160 March 2015</p>	
<p>Figure</p> <p>2</p>		<p>0 1,000 2,000 Feet</p> <p>N</p>	



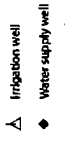
Legend

- ⊕ Monitoring well
- ▲ Extraction well
- ▲ Irrigation well
- ◆ Water supply well
- ◆ Approximate location of Sacramento Suburban Water District well
- Approximate line of equal perchlorate concentration, dashed where filtered (µg/L)
- Aeriojet property boundary

Notes

- ⊕ 30247 Perchlorate concentration (µg/L)
- ▲ 30247 Extraction wells and analytical results are presented in red.
- ▲ No posting indicates no sample during time period.
- ▲ Contours near these wells based on previous data.
- < = Perchlorate not reported above the laboratory reporting limit shown.
- J = estimated concentration
- µg/L = micrograms per liter
- S = Sacramento Suburban Water District wells N12 and N20 are 5.24 and 602 feet deep, respectively. Corresponding hydrostratigraphic layers for these wells have yet to be determined.

Layer D Perchlorate Isoconcentration Contours
2014 - 2015
Vicinity of CEL
Aeriojet Superfund Site
Rancho Cordova, California



0 1,000 2,000 Feet



N

Geosyntec
consultants

Project No.: SACI 00

March 2015

Figure
3



Agenda Item: 25

Date: April 7, 2015

Subject: 2015 Water Conservation Rebate Menu Program

Staff Contact: Greg Bundesen, Water Conservation Supervisor

Discussion

On April 1, 2015 the Governor of California issued an Executive Order (see 2015 Water Conservation Stage Declaration Report, Exhibit 2) calling on the State Water Resources Control Board (SWRCB) to impose restrictions on urban water suppliers who will be obligated to reduce water consumption 25% by February 28, 2016. On the same day the California Department of Water Resources (DWR) issued a press release regarding the results of the final snow survey for the 2014-15 winter season (see Exhibit 1). The snow survey, conducted on April 1, 2015, showed that the snow water equivalent in the Sierras is only 1.4 inches, 5% of the historical multi-decade average. The snow-water equivalent average hit record lows, shattering the 2014 April previous record low of 25% of average. It is not known at this time how the SWRCB will enforce the mandatory 25% reduction in water use by February 28, 2016, but draft regulations would impose a mandatory 35% reduction on SSWD based on reported residential gallons per capita per day (R-GPCD) numbers(see 2015 Water Conservation Stage Declaration Report, Exhibit 3).

Attached to this report are the following:

- A copy of the DWR news release on April 1, 2015
- A copy of a response letter from ACWA
- A copy of a response letter from RWA
- A copy of a response letter from SSWD

A Water Conservation Survey (Survey) has been available to the public via the District's website since February 2015. The Survey asks customers what they have done to save water during the drought, how they are getting information regarding water conservation, what they are willing to do to save water and how the District can better assist them with their water conservation goals. As District staff continues to reach out to the community regarding water conservation, District customers continue to submit surveys indicating their willingness to assist in the conservation effort. To date, the District has received over 60 responses to the Survey. Customers have indicated that they are most willing to reduce the amount of turf on their property (28%), upgrade their sprinkler equipment (23%), install indoor devices (19%), participate in a District sponsored landscape class (16%), and install a weather based irrigation controller (16%).

In response to popular customer demand, staff will be generating a rebate program proposal based on both indoor and outdoor best management practices (BMPs). This proposal would provide customers with a menu of BMP rebates to choose from that best fits their situation. An outdoor menu may consist of, but may not be limited to, a cash-for-grass program (the most requested program based on the Survey), irrigation system efficiency upgrades, weather based irrigation controllers, and rain sensors. An indoor menu may consist of, but may not be limited to, rebates for new dishwashers, clothes washers, toilets, and recirculating hot water pumps. Staff is preparing a report consisting of a cost/benefit analysis of all rebate menu items, and outline how the program will be promoted, implemented, administered and funded. Action will be proposed at the May 2015 Regular Board Meeting.

Strategic Plan Alignment:

Water Supply – 1.C. Continue to implement and support demand management strategies and water conservation that comply with federal, state and regional programs; support Water Forum Agreements goals and efficiently meet the needs of the District customers.

Facilities and Operations – 1.H. Implement water conservation programs that efficiently utilize potable water supplies.

Customer Service – 3.D. Provide effective customer and community relations by communicating, educating, and providing information on District operations, drinking water issues, resource sustainability and environmental stewardship.



CALIFORNIA DEPARTMENT OF WATER RESOURCES

NEWS FOR IMMEDIATE RELEASE

April 1, 2015

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Sierra Nevada Snowpack Is Virtually Gone; Water Content Now Is Only 5 Percent of Historic Average, Lowest Since 1950

SACRAMENTO – The California Department of Water Resources (DWR) found no snow whatsoever today during its manual survey for the media at 6,800 feet in the Sierra Nevada. This was the first time in 75 years of early-April measurements at the Phillips snow course that no snow was found there.

Governor Edmund G. Brown Jr. observed the survey, which confirmed electronic readings showing the statewide snowpack with less water content today than any April 1st since 1950.

Attending the survey with Governor Brown was DWR Director Mark Cowin, who said Californians can expect to receive almost no water from the meager snowpack as it melts in the coming weeks.

“Today’s survey underscores the severity of California’s drought,” he said. “Water conservation must become a way of life during the worst drought in most Californians’ lifetimes.”

Today’s readings are historically significant, since the snowpack traditionally is at its peak by early April before it begins to melt. Electronic readings today found that the statewide snowpack holds only 1.4 inches of water content, just 5 percent of the historical average of 28.3 inches for April 1. The previous low for the date was 25 percent in 2014 and 1977.

The Phillips snow course, which has been surveyed since 1941, has averaged 66.5 inches in early-April measurements there. Four years ago today, the measured depth at Phillips was 124.4 inches. The deepest April 1st Phillips measurement was 150.7 inches in 1983, and the lowest previously was 1.04 inches in 1988. Photos of previous surveys at Phillips [can be found here](#). Images from today’s survey will be posted at that link as soon as possible.

Electronic readings indicate the water content of the northern Sierra snowpack today is 1.4 inches, 5 percent of average for the date. The central and southern Sierra readings were 1.5 inches (5 percent of average) and 1.3 inches (5 percent) respectively.

Today’s manual survey was the fourth of the season conducted for the news media at the Phillips snow course just off Highway 50 near Sierra at Tahoe Road 90 miles east of Sacramento. When

DWR conducted the first three manual surveys on December 30, January 29 and March 3, the statewide water content in the snowpack was 50 percent, 25 percent and 19 percent respectively of the historical averages for those dates. The decline reflects California's significantly lower precipitation and the warming trend that made this winter the warmest in the state's recorded history. What precipitation there was fell mostly as rain due to warmer temperatures.

In what were considered normal precipitation years, the snowpack supplied about 30 percent of California's water needs as it melts in the spring and summer. The greater the snowpack water content, the greater the likelihood California's reservoirs will receive ample runoff as the snowpack melts to meet the state's water demand in the summer and fall.

Little precipitation has fallen in Northern California since early February. The eight weather stations there that have been monitored for generations have recorded 31.7 inches since the beginning of Water Year 2015 on October 1. That is 76 percent of the historical average for April 1. Further south, the five-station San Joaquin index has recorded 13.7 inches, 41 percent of normal for today's date, and the six-station index in the Tulare Basin is similarly far below normal – 10.3 inches, or 42 percent of the April 1 average there.

California's historically wettest winter months have already passed, and the drought is now firmly rooted in its fourth consecutive year.

Results of today's manual readings by DWR near Echo Summit are as follows:

Location	Elevation	Snow Depth	Water Content	% of Long Term Average
Alpha	7,600 feet	Unknown	--	--
Phillips Station	6,800 feet	0 inches	0 inches	N/A
Lyons Creek	6,700 feet	Unknown	--	--
Tamarack Flat	6,500 feet	0 inches	0 inches	N/A

The major water supply reservoirs are storing more water this year than last but are still far below the historical average for early March. Lake Oroville in Butte County, the State Water Project's (SWP) principal reservoir, now holds 51 percent of its 3.5 million acre-foot capacity (67 percent of its historical average for the date). Shasta Lake north of Redding and the federal Central Valley Project's (CVP) largest reservoir, is at 59 percent of its 4.5 million acre-foot capacity (73 percent of its historic average). San Luis Reservoir, which serves both the SWP and CVP, holds much more water than it did one year ago due to recent water deliveries to the reservoir as a component of the agencies' drought management strategy. San Luis holds 66 percent of its 2 million acre-foot capacity (73 percent of normal for the date).

Governor Brown declared a **drought State of Emergency** on January 17, 2014 and directed state officials to take all necessary actions to prepare for water shortages. He called on all Californians to voluntarily reduce their water usage by 20 percent.

The Water Resources Control Board on March 17 announced new restrictions on water use, including limiting outdoor watering to two days per week and prohibiting lawn watering during rainfall and during the next two days. The new rules also prohibit restaurants from offering water unless customers ask, and hotels must offer guests the opportunity to decline freshly laundered towels and sheets.

Conservation – the wise, sparing use of water – remains California’s most reliable drought management tool. Each individual act of conservation, such as letting the lawn go brown or replacing a washer in a faucet to stop a leak, makes a difference over time.

Californians can learn easy ways to save water every day by visiting SaveOurWater.com. California’s efforts to deal with the effects of the drought can be found at drought.ca.gov.

Electronic snowpack readings are available on the Internet at:

<http://cdec.water.ca.gov/cdecapp/snowapp/sweq.action>

Reservoir conditions are found here:

<http://cdec.water.ca.gov/cdecapp/resapp/getResGraphsMain.action>

For a broader snapshot of current and historical weather conditions, see DWR’s “Water Conditions” and “Drought” pages:

California’s Most Significant Droughts--Comparing Historical and Recent Conditions:

http://water.ca.gov/waterconditions/docs/California_Significant_Droughts_2015_small.pdf

Water Conditions Page:

<http://www.water.ca.gov/waterconditions/waterconditions.cfm>

Drought Breaking News Page:

<http://www.water.ca.gov/waterconditions/index.cfm>

Everyday water conservation tips may be found by clicking on Save Our Water at:

<http://www.saveourwater.com>

-30-

Visit SaveOurWater.com to find out how everyone can do their part, and visit <http://drought.ca.gov> to learn more about how California is dealing with the effects of the drought. The Department of Water Resources operates and maintains the State Water Project, provides dam safety and flood control and inspection services, assists local water districts in water management and water conservation planning and plans for future statewide water needs.





Association of California Water Agencies

Since 1910

Association of California Water Agencies

April 13, 2015

Delivered by e-mail to: Jessica.Bean@waterboards.ca.gov

Jessica Bean
Engineering Geologist
State Water Resources Control Board
1001 I Street, 24th Floor
Sacramento, CA 95814

Subject: Comments on Mandatory Conservation Proposed Regulatory Framework Released on April 7, 2015

Dear Ms. Bean:

The Association of California Water Agencies (ACWA) appreciates this opportunity to comment on the State Water Resources Control Board (Water Board) staff's "Mandatory Conservation Proposed Regulatory Framework" (Regulatory Framework) and the draft table entitled "Urban Water Suppliers and Proposed Regulatory Framework Tiers to Achieve 25% Use Reduction" (Conservation Standard/Tiers Table) released on April 7, 2015.

ACWA appreciates that the Water Board staff has quickly responded to the Governor's April 1 Executive Order by preparing these preliminary regulatory proposals to address Executive Order provisions 2, 5, 6, and 7. We appreciate that Water Board staff is seeking input on these proposals to draft an emergency regulation, which will be released for informal public comment on April 17, 2015.

ACWA supports the Governor's Executive Order and its key provision to reduce potable urban water usage by 25 percent statewide over coming months. We appreciate the effort Water Board staff has devoted to meeting with and soliciting input from ACWA and other stakeholders on ways to do this effectively.

General Comments

The Emergency Regulation needs to develop and implement the Executive Order in a way that addresses two core policy principles, which are inherent in the Executive Order and the Administration's overall response to the drought:

1. Protect economic uses of potable water, while focusing efforts to substantially reduce water use for ornamental, lower-priority outdoor purposes; and
2. Ensure fairness for communities statewide.

Protect Economic Uses of Potable Water

Although the Executive Order properly directs attention to potable water use reductions for commercial, industrial and institutional (CII) water users, the Emergency Regulation should focus on the immediate need to reduce outdoor irrigation for ornamental purposes and install water efficient fixtures and appliances. It should clearly articulate State policy to protect CII water use for economic or process-related water uses. Local water suppliers should be left with discretion to implement CII water use reduction efforts as locally determined to balance the need to reduce water use with the need to protect local economies.

Additionally, where potable water is used locally for economic agricultural purposes, urban water suppliers should be allowed to deduct this water from reported "Total Water Production," which is used to calculate R-GPCD and assign water use reduction targets, for example in northern San Diego County (e.g. Valley Center, Rainbow, Fallbrook, and Yuima water districts). This approach is consistent with how the Executive Order generally addresses agriculture.

Ensure Fairness for Communities Statewide

A. Relevant Factors

The calculated indicator of residential gallons per capita per day (R-GPCD) from September 2014 is proposed by Water Board staff as the sorting mechanism for the proposed Conservation Standard/Tiers Table used to assign conservation targets to water suppliers. This one-month "snapshot" in time does not provide a fair measure of comparative water use efficiency, as it is fundamentally biased by local climate conditions (e.g. geographic location), among other factors that vary significantly from one community to another statewide. Indeed, the Water Board correctly states on its website "It is *not appropriate* to use Residential Gallons Per Capita Day (R-GPCD) water use data *for comparisons across water suppliers, unless all relevant factors are accounted for*" (emphasis added), and then provides an example list of such factors in "An Important Note" (see Attachment 1). None of these factors are accounted for in the first draft of the Conservation Standard/Tiers Table.

We recognize that provision 2 of the Executive Order explicitly states that "these restrictions should consider the relative per capita water usage of each water supplier's service area, and require that those areas with high per capita use achieve proportionally greater reductions than those with low use". However, the principle of fairness indicates the need for adjustments to account for different climate conditions and land use patterns (such as lot sizes). Other considerations that may warrant adjustments may include use of recycled water, ocean or brackish water desalination, groundwater remediation, stormwater capture to offset potable water use. "Proportionally greater reductions" can still be assigned with a revised methodology that gives due consideration to these factors (as described in more detail below).

B. Exception Process

Another element that is essential to ensure fairness is the inclusion of an "exception process" as part of the Emergency Regulation. This process would allow water suppliers to present to the Water Board specific information and evidence supporting target adjustments to address extenuating circumstances or unreasonable local impacts. Such "exception processes" have been commonly used by water suppliers to address specific hardship situations on a case-by-case basis when implementing mandatory conservation programs in the past. An example of "extenuating circumstances" could be where a relatively small water

supplier has a relatively large state agency water customer (such as a prison, highway or office complex) that consumes a substantial proportion of the water suppliers' production but which has not reduced their water use despite local demands and state policy direction. Another example may be a situation in which local health and safety conditions are triggered. The "exception process" could require water suppliers to disclose proposed actions that would partially mitigate effects on overall water use reductions.

More specific comments are below.

Answers to Staff Questions

The Water Board's Fact Sheet requests consideration of the following general questions. We will offer our more detailed comments in response to these questions.

1. *Are there other approaches to achieve a 25% statewide reduction in potable urban water use that would also impose a greater responsibility on water suppliers with higher per capita water use than those that use less?*

Yes. As described above the proposed Conservation Standard/Tiers Table should be amended to incorporate adjustments that will result in a more fair assignment of conservation targets for water suppliers in light of relevant factors. Following are specific suggestions.

- a. **Average R-GPCD** - The first adjustment would be to amend the R-GPCD calculation for all water suppliers to indicate the average R-GPCD during the base period (back-calculated for months prior to September 2014 using monthly water production and population data for each month and then averaging for the period). The resulting average R-GPCD would reduce the effect of erratic monthly changes that are reflected in monthly reporting for many water suppliers. The water production data used for this calculation should deduct potable water supplies for economic agricultural purposes (see "Protect Economic Uses of Potable Water" above).
- b. **Adjust for Climate** - Next, an adjustment column should be added to the table to assign a reasonable outdoor irrigation water use allocation factor based on the location of each water supplier within three or more climate zones, using readily available evapotranspiration data.
- c. **Assign Custom Conservation Standard** - Finally, a range of Conservation Standards would be applied to the entire list of water suppliers to achieve an overall statewide water use reduction of 25%. The Conservation Standard would not be assigned in tiers in order to eliminate abrupt changes between "adjacent" water suppliers on the tiered list. Instead, the amended table would indicate a "custom" Conservation Standard for each water supplier based on its average R-GPCD adjusted for climate and its recent conservation performance.

The intended result of this alternative approach would be to assign a Conservation Standard to water suppliers that better reflects their unique attributes relative to other water suppliers. Water suppliers in hot inland locations with higher R-GPCDs and relatively poor past performance would still be assigned a relatively higher Conservation Standard than other agencies similarly situated but with better performance. In the same way, water suppliers in cooler coastal areas but with relatively poor past performance would still be assigned a relatively higher Conservation Standard than similarly situated water suppliers with better past performance, which would still be assigned a lower Conservation Standard. This approach would meet the requirements of Executive Order provision 2

and yet help implement the principle of fairness that will be a key to the effectiveness of the Emergency Regulation.

We look forward to collaborating with Water Board staff and our colleagues as this regulatory process proceeds to help refine and improve the resulting proposal.

2. How should the regulation differentiate between tiers of high, medium and low per capita water users?

As described above, tiers or classifications of “high”, “medium” and “low” per capita water suppliers would be replaced by a “custom” Conservation Standard for each water supplier.

3. Should water suppliers disclose their list of actions to achieve the required water reductions?

Given the need for water agencies to implement significant new actions to get substantially greater conservation results in very short timeframe, we believe that additional effort to prepare and submit lists of actions should not be a requirement of the Emergency Regulation. Such list of actions could be required as part of an “exception process” (as described above), or as part of the Water Board’s enforcement response (as described below). In coming weeks and months water suppliers will be identifying, implementing, and experimenting with many different combinations of actions, policies, procedures and programs under diverse conditions and with variable capabilities in response to local conditions. Documenting such actions to the Water Board could distract agency staff from the primary objective of achieving results.

4. Should these actions detail specific plans for potable water use reductions in the commercial, industrial, and institutional (CII) sectors?

See the answer to Question 3. However, as described under general comment on the need to protect economic uses of water, the Emergency Regulation should affirm the immediate need to reduce outdoor irrigation for ornamental purposes, install water efficient fixtures and appliances, and avoid unnecessary restrictions on CII water use for economic or process-related water uses. A significant constraint for water suppliers that intend to focus on reducing CII water use for outdoor irrigation is the widespread lack of dedicated irrigation meters. Water suppliers will need flexibility to use different approaches to target and account for reductions in CII water use.

New CII reporting requirements should not be disaggregated as proposed by Water Board staff. Water supplier metering and billing information does not generally support classifications of commercial (“large landscape commercial” such as golf courses, amusement parks) industrial, and institutional (“large landscape institutional water users” such as cemeteries, college campuses) into readily identifiable subsectors. Indeed, definitions and classification systems are currently quite variable among water suppliers. Resulting data submittals would likely not be comparable, and would require significant effort to impose standardization. Such efforts in the context of the Emergency Regulation will divert limited resources that need to be focused on action and results.

5. Should additional information be required in the monthly conservation reports for urban water suppliers to demonstrate progress towards achieving the required water reductions?

The Water Board staff should amend and standardize calculation methods to account for bimonthly billing cycles, different numbers of days in each billing cycle, and different methods of calculating and reporting water production which are evidenced in previous reporting. Water agencies need to be assured that reported data used comparatively for regulatory and enforcement purposes are actually comparable.

6. *How and when should compliance with the required water reductions be assessed?*

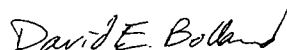
Monthly reporting should be monitored and objective thresholds established for Water Board response. Failure to submit reports should be immediately addressed and technical assistance should be offered as the initial remedy. Significantly below target performance on a two to three month cumulative basis could trigger informal enforcement, again with the primary focus on offering technical assistance to improve performance.

7. *What enforcement response should be considered if water suppliers fail to achieve their required water use reductions?*

Failure to achieve required water use reductions should be finally determined only at the end of the 270-day duration of the Emergency Regulation. Water suppliers should be subject to "graduated" enforcement based on the relative significance of their non-compliance. Compliance should be evaluated in consideration of information water suppliers provide on the actions they have taken to achieve compliance. If the drought emergency is continuing at that time, water suppliers should be ordered to prepare a "corrective action plan" identifying measures to be implemented to come into compliance. Any Water Board action to issue Cease and Desist Orders and impose Administrative Civil Liabilities of up to \$10,000 for non-compliance is quite likely to divert scarce resources away from on-going local efforts and should be considered an extreme "last resort".

Thank you for your consideration of these comments. ACWA will continue to work with the Water Board and our member water agencies to identify ways to effectively implement the Executive Order and the resulting Emergency Regulations. If you have any questions, please contact me at daveb@acwa.com or (916) 441-4545.

Sincerely,



David Bolland
Special Projects Manager

cc: Honorable Felicia Marcus, Chair
Honorable Frances Spivy-Weber, Vice Chair
Honorable Dorene D'Adamo, Board Member
Honorable Tam Doduc, Board Member
Honorable Steven Moore, Board Member
Mr. Tom Howard, Executive Director
Ms. Caren Trgovcich, Chief Deputy Director
Mr. Eric Oppenheimer, Director of the State Water Board's Office of Research, Planning and Performance
Mr. Max Gomberg, Climate Change Advisor



April 13, 2015

Deb Sedwick, Chair
Spencer Short, Vice
Chair

Ms. Jessica Bean
State Water Resources Control Board
jessica.bean@waterboards.ca.gov

Members

California American Water
Carmichael Water District
Citrus Heights Water District
Del Paso Manor Water District
El Dorado Irrigation District
Elk Grove Water District
Fair Oaks Water District
Folsom, City of
Golden State Water Company
Lincoln, City of
Orange Vale Water Company
Placer County Water Agency
Rancho Murieta Community
Services District
Roseville, City of
Rio Linda / Elverta Community
Water District
Sacramento, City of
Sacramento County Water
Agency
Sacramento Suburban Water
District
San Juan Water District
West Sacramento, City of
Woodland-Davis Clean Water
Agency
Yuba City, City of

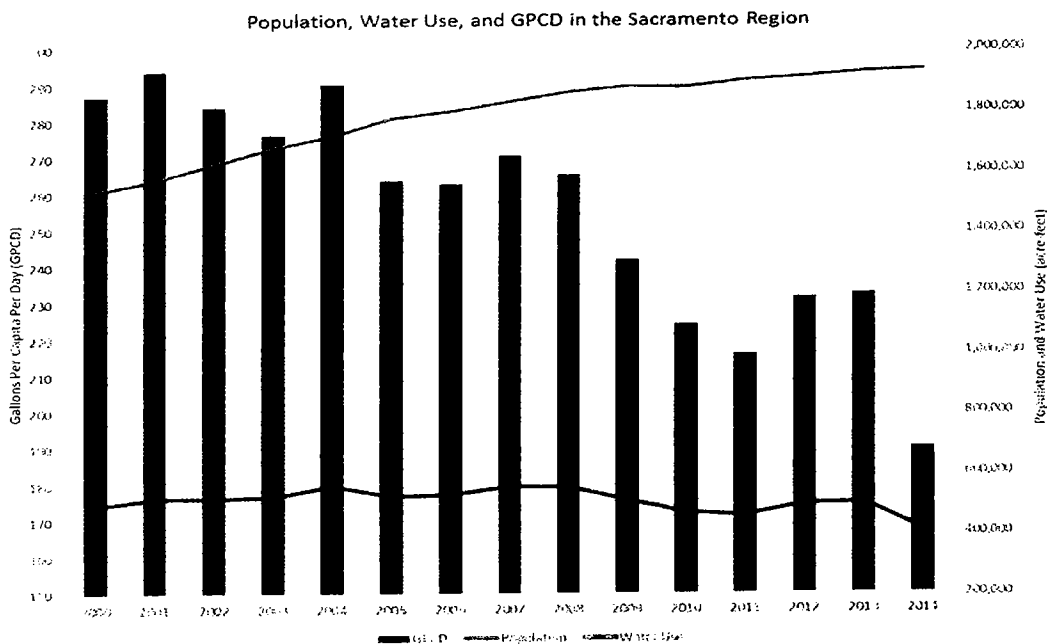
Associates

El Dorado County Water
Agency
Sacramento Municipal Utility
District
Sacramento Regional County
Sanitation District
Sacramento Area Flood
Control Agency

The Regional Water Authority (RWA) appreciates the opportunity to comment on the proposed regulatory framework (Framework) for implementation of the 25% mandatory reduction in water use required by the Governor's April 1, 2015 Executive Order. We appreciate the magnitude of the challenges the ongoing drought creates for California, and are committed to continuing and expanding our conservation efforts to date.

The implementation of the 25% mandate will have significant impacts on the revenues and fiscal stability of water suppliers as well as economic impacts on the communities they serve. In light of these impacts, we believe the Framework must be re-evaluated to ensure it is equitably applied throughout the state, and considers a number of factors, including, 1) climate and residential population density, which are important drivers of water use, 2) the actual potential of short and longer term water shortages in a water provider's service area, and 3) the degree to which communities have already responded to the Governor's drought proclamations.

The RWA is a joint powers agency representing 22 water suppliers in five counties of the greater Sacramento metropolitan region, collectively serving two million people. The region has worked for the last two decades to improve water supply reliability through collaborative efforts, including reducing per capita demand, expanding the use of recycled water, building infrastructure to implement a regional conjunctive use program, and developing institutions and plans for sustainable groundwater management. These efforts were conducted while simultaneously working toward the coequal objective of ensuring protection and enhancement of the environment of the American River. The Sacramento region is the only major urban area of the state that is regionally self-sufficient. The region is also the only major metropolitan area that substantively responded to the Governor's call for a 20% reduction in water use in 2014. All RWA member agencies exceeded the statewide average water use reduction in 2014 with savings ranging from 14 to 24%, and collectively RWA member agencies achieved a 19.4% reduction in water use in 2014 compared to 2013. This comes on the heels of an overall 20% reduction in per capita water use in the decade leading up to 2013 (figure). The region's total water use has declined despite adding 400,000 people since 2000.



Improving R-GPCD as a Regulatory Standard

We understand the State Water Resources Control Board (Board) was directed that it “should consider relative per capita water usage” in developing its restrictions to achieve 25% statewide water savings. The Board elected to use residential gallons per capita daily (R-GPCD) as the metric for relative water usage. As such, the approach suggested in the proposed Framework begins with a fundamentally flawed premise. Board members and staff have indicated in numerous venues that the use of R-GPCD to assign water use reduction targets will recognize the prior conservation efforts of some water suppliers relative to others. In reality, the R-GPCD metric is not well suited for this task. The Board’s own website, in describing R-GPCD, states, *“It is not appropriate to use R-GPCD water use data for comparisons across water suppliers unless all relevant factors are accounted for,”* and goes on to list the factors that must be considered for R-GPCD to be a meaningful basis for comparison. None of these factors were considered in the proposed Framework.

Notwithstanding the comments above relative to R-GPCD as a regulatory standard, we recognize that a more appropriate metric on which to base the Framework may not be readily available. In that spirit, we offer the following comments and options to improve the usefulness of R-GPCD in the Framework approach:

- Not all water use in California is equal. In some regions, water is imported from great distances, subject to significant evaporative and system losses, used once, and then discharged to the ocean. In others, water is used, treated, and returned to the system to the benefit of the environment or downstream uses. We believe the net water use should be considered before R-GPCD is used for the proposed regulatory purpose. For example, the Sacramento Region returns about 40% of the water provided by municipal water suppliers back to the Sacramento River, its tributaries, or the Delta.
- The R-GPCD metric was developed and applied quickly in response to the drought in 2014. Minimal direction was provided, and water suppliers made varying assumptions in their calculations. Application of the R-GPCD metric for a regulatory purpose that allocates unequal requirements should only be done after providing for more standardization and reassessment by water suppliers, so the Board can be sure it is comparing “apples to apples.”
- The use of R-GPCD from September 2014 as the single data point for development of the proposed Framework places undue burden on some water suppliers. Landscape irrigation creates a broader range of R-GPCD across the state in summer months that is not as pronounced in the winter, as evidenced by the more limited, statewide variability seen in the February 2015 R-GPCD reporting period. As a result, a high conservation standard is applied year-round for what is a seasonal phenomenon. A metric that combines September and February R-GPCD would be a more equitable basis for developing the Framework.
- Population density and climate are two key drivers for water demand, but were not considered in development of the proposed Framework. It is no surprise that much of California’s population is driven towards coastal areas with cooler climates. This demand has significantly increased land values in the areas and has naturally led to smaller average lot sizes and higher population densities along the coast. This biases values of R-GPCD in coastal areas to be considerably lower than in the hotter and less densely populated inland portions of the state.

Alternatives for a More Equitable Application of the Framework

The Board included with its release of the Framework, seven questions to focus responses. The first of these questions was:

"Are there other approaches to achieve a 25% statewide reduction in potable urban water use that would also impose a greater responsibility on water suppliers with higher per capita water use than those that use less."

The answer is a resounding “Yes.” Alternative approaches could be developed that would be much more equitable when applied statewide. We offer several options below that may be applied individually or in combination.

Option 1: Apply the 25% mandatory reduction uniformly to all water suppliers statewide

The language of the Executive Order, "that those areas with higher per capita use achieve proportionally greater reductions," is not explicit that the percentage reductions be on a sliding scale as proposed by the Board. A standard 25% reduction requirement would inherently require water suppliers with higher per capita use to make proportionally higher reductions in water use by volume.

The extreme nature of the conservation requirements of the proposed Framework, ranging from 10% to 35%, has the potential to create the unintended consequence of an "us vs. them" mentality, rather than the "we're all in this together" thinking that will help California accomplish this goal. It also limits the ability of regional and statewide media (such as the Save Our Water program) to provide clear messaging to residential water users from different water provider service areas. Common expectations will be better understood and will help to galvanize the public's response.

This 25% across-the-board option eliminates all complexity associated with correcting the highly flawed R-GPCD as an indicator of relative water use. In applying this option, the Board retains discretion on how it enforces the regulations should any water provider not meet these targets. Water suppliers should be given the opportunity to describe their circumstances and conservation actions in explaining any non-compliance. It is noteworthy that many of the water suppliers currently in the 10% reduction target of the Framework had higher than 10% savings in 2014. This appropriately reflects all of the circumstances related to the availability of water supply for any given community.

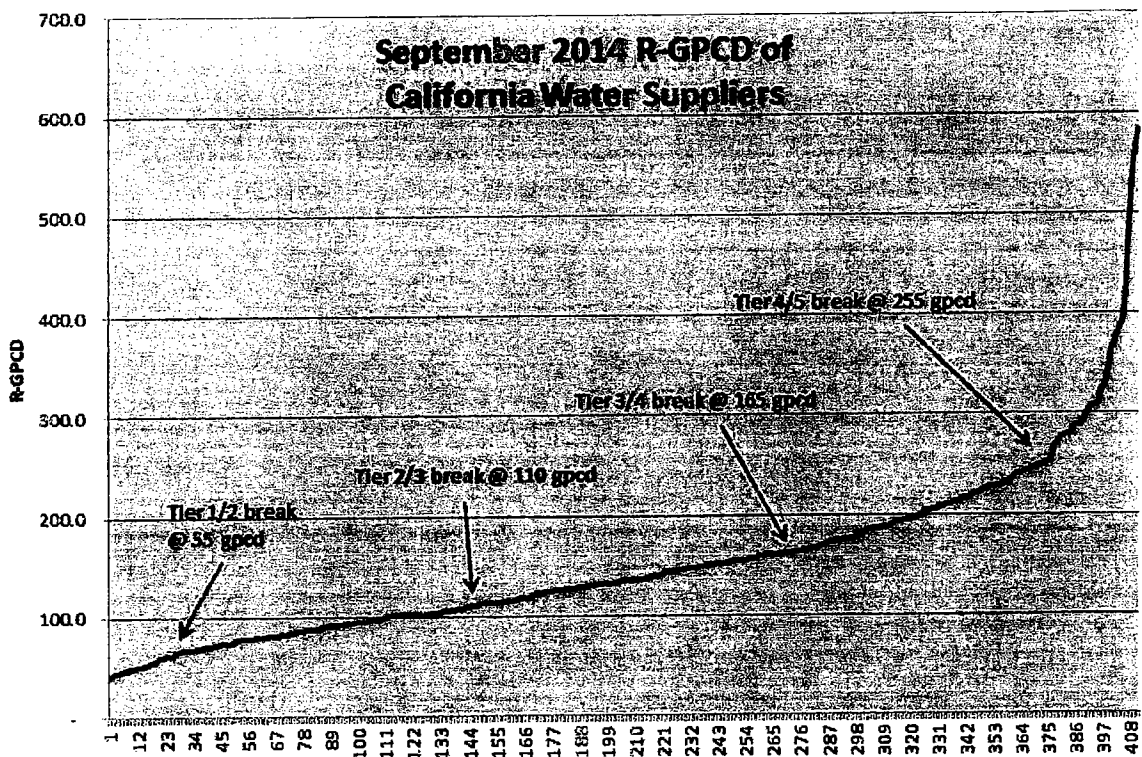
Option 2: Assign a 25% reduction target to each Hydrologic Region and apportion relative savings targets within those regions

As noted previously, population density and climate are two key drivers for water demand. While explicitly including these factors could make the regulatory process exceedingly complex, considering water use on the basis of the state's ten hydrologic regions could serve as a useful surrogate. Each hydrologic region could be held accountable for a collective 25% reduction in water use. Low, moderate, and high percentage reductions could then be assigned based on R-GPCD compared to others in the same region. This regional approach also recognizes the reality that conserved water is more likely to be used for the benefit of the environment or other water

users within the same hydrologic region. This closer geographic nexus will help promote water conservation to customers and the local public.

Option 3: Add a 30% reduction target to the existing proposed Framework methodology

The jump from the 25% savings target to 35% is extreme, and the 35% reduction required in Tier 4 will be especially onerous. Savings of this magnitude may have substantial impacts on the fiscal stability of the water suppliers in this Tier. In addition, the range of R-GPCD in Tier 4 is much greater than in other tiers. Water suppliers with R-GPCD of 170 are treated as harshly as those using more than 500 gpcd. Examination of the data shows a very clear breakpoint (at about 255 gpcd, Figure) that could be used as the basis of a fifth tier. Water suppliers in the R-GPCD range of 165 - 255 could be assigned a savings requirement of 30% with negligible impact on accomplishment of the overall 25% goal. This makes the upper tier much more comparable to the number of water suppliers in Tier 1 so that the incentive at the low end is applied similarly to the penalty at the high end.



The 30% target is also consistent with the water shortage stages of many RWA members, which were developed on a regional basis. A 25% or 30% reduction is consistent with Stage 3 of many water shortage contingency plans. A 35% requirement would lead to imposition of Stage 4 based on state mandates, leaving little opportunity for a water supplier to respond to their own local water supply conditions as the drought continues.

Finally, this option would appear to be one of the simplest fixes to apply to the existing proposed Framework, as it does not increase the savings targets for the water suppliers already at or below 25% savings targets. When combined with the assumption that some water providers will exceed their target (as evidenced by 2014 results compared to the tiers), this methodology will satisfy the cumulative 25% savings.

Additional Comments

In addition to the possible alternatives for restructuring the proposed Framework, we offer the following general comments with respect to the Framework for your consideration:

- The 25% mandatory reduction in the Governor's Order seems to be based on the concept that statewide water conservation will help to minimize the impact of the drought now and if it continues. As such, the significant reductions in water use achieved by some water suppliers in 2014 have already provided statewide benefit and should be taken into consideration. Response to the Governor's first Executive Order in January 2014 calling for a 20% reduction in water use varied significantly. Some water suppliers reduced water use up to 48%, while others actually used 22% more water during the statewide drought emergency. The RWA recommends the Board recognize and reward those water suppliers that performed in 2014 by adjusting percentage requirements downward or upward for the best and worst-performing water suppliers in each Tier on the basis of percentage reduction.
- The actions of the Governor and the Board to date have been a major driver in conserving water since the first Executive Order in January 2014. The attention paid to these actions garners significant media attention and expands public awareness of the drought and the need to conserve. In addition to implementing a modified Framework consistent with the recommendations above, we urge the Board to take additional specific actions, beginning with a mandatory limit on watering of residential landscapes of two days per week statewide.
- A number of water suppliers achieved significant savings in 2014, in excess of the requirements of the tiers to which they are assigned. While perhaps not making it mandatory, we recommend that the Board strongly encourage water suppliers to achieve comparable reductions in 2015, and consider such reductions in the quantification of the cumulative 25% savings of the modified Framework.

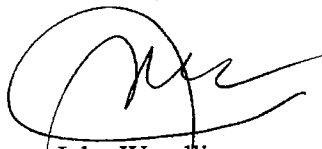
Jessica Bean
State Water Resources Control Board
April 13, 2015
Page 7 of 7

- Achieving the water conservation mandates of the Executive Order will require significant investment by local agencies, at a time when revenues will be strained by decreasing water sales. We urge the Board, its partners at the California Department of Water Resources, the administration, and the Legislature to expedite the appropriation and award of grants from the \$100 million authorized for water conservation provided in Proposition 1. Further, we urge the prioritization of funding to those water suppliers that are assigned to the upper compliance tiers to support their greater contribution to the statewide target.

We appreciate the opportunity to comment on the proposal, and hope the recommendations above will help to develop a more equitable approach to meeting the requirements of the Executive Order. We would be remiss, however, if we didn't also comment on the apparent inconsistency between the proposed requirements for mandatory water use reductions and longstanding state water law and policy. California has a well-established means of allocating water shortages, the water rights priority system. The Executive Order and the proposed Framework to implement it, by restricting the use of water to which water suppliers are legally entitled, undermines this system that is recognized back to California's statehood. In addition, state policy has long promoted regional self-sufficiency, drought preparedness, and associated concepts. The current Executive Order does not acknowledge those water suppliers that have embraced these concepts and developed reliable water supplies and systems to meet their customers' needs in the conditions we now face. The RWA recognizes the crisis conditions the drought poses for the state, and appreciates the challenge faced by the Board to implement the Executive Order. We urge the Board to use the opportunity to strengthen, rather than undermine, the existing laws and policy that will form the foundation for meeting the state's future water needs.

Thank you for the opportunity to comment. Please contact me at (916) 967-7692, if you have any questions.

Sincerely,



John Woodling
Executive Director
Regional Water Authority

General Manager

Robert S. Roscoe, P. E.



Board of Directors

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

April 13, 2015

Ms. Jessica Bean
State Water Resources Control Board
1001 I Street, 24th Floor
Sacramento CA 95814

EMAIL: Jessica.Bean@waterboards.ca.gov

Subject: Comments on Mandatory Conservation Proposed Regulatory Framework Released on April 7, 2015

Dear Ms. Bean,

Sacramento Suburban Water District (SSWD) serves a population of roughly 173,000 people in northern Sacramento County. Our water supply is a fully conjunctive water use system utilizing groundwater in dry times supplemented with surface water in wet times when available to sustainably manage our groundwater resources. We are committed to doing our part to ensure the Governor's drought emergency declarations are met. SSWD appreciates the opportunity to comment on the subject proposed regulatory framework. We appreciate the magnitude of challenges the current drought has caused for California.

First, we wish to state that we are in concurrence with the comments presented by Executive Director John Woodling of the Regional Water Authority in their comment letter of this same date. Their comments may be viewed as ours in addition to those presented below.

While it is likely impossible to impose such onerous conditions on a mandatory basis to the approval of all in the statewide water community, we believe adherence to certain principles should guide your regulatory approach. The basic reason we are facing such onerous water restrictions is because the present drought has provided insufficient water for both human needs and the needs of our environment. The first principal is that restrictions on urban water users should be based on the net amount of water removed from our natural environment. A second principal should be achieving a regulatory framework that is equitable, achieves buy-in from the elected officials who must adopt implementing rules, and is defensible to the public statewide. A third principal should be inclusion of the water-energy nexus and AB 32 greenhouse gas emissions.

Regarding the net water take from the environment, we believe flows returned to the watershed should be credited. If Residential GPCD becomes the metric, that metric is volume-only based. Roughly 40% of the total Sacramento-area water demand is returned to the Sacramento River upstream of the delta, and available for subsequent diversion and reuse downstream. These return flows assist in meeting delta outflow requirements allowing lower releases from upstream reservoirs, conserving precious supplies for both human and environmental needs. In the

Comments on Mandatory Conservation Proposed Regulatory Framework Released on April 7, 2015

April 13, 2015

Page 2 of 2

specific case of SSWD, as our conjunctive use plans have allowed banking of over 180,000 acre-feet of water over the past 15 years, we have been able to reliably serve 100% groundwater throughout this drought. As we are serving 100% groundwater from a sustainably managed basin, 40% of all water we pump ends up supplementing flows in the Sacramento River upstream of the delta. SSWD is contributing flows to surface water where it is most needed.

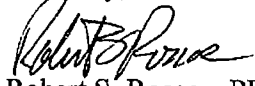
On the same principle of accounting for net water removed from the environment, transmission losses should also be included in the accounting. Distribution system losses are important to include in water conservation, but somehow transmission losses are presently ignored. If a smaller amount of water is delivered to a water purveyor's distribution system than was removed from natural systems because of leaking transmission facilities, that loss should be included in the calculation of R-GPCD.

On the second principle of achieving an equitable framework, SSWD again concurs with the statements and options presented in the RWA comment letter. The "brackets" create a situation where a purveyor with a 1% higher R-GPCD number than their neighbor may be required to achieve a 10% higher conservation target. This inequity creates a problem in explaining the fairness of the system to the public, and can easily be resolved through a "smoothing" of the brackets with much smaller steps between the brackets, or simply adopting a straight line function instead of the step function. We understand that this is essentially a "zero sum game," but there will be a much wider acceptance of the approach if it is viewed as equitable. In addition, regional conservation messaging will be much more effective if similar message points apply to all purveyors in a region.

On the third principle, the SWRCB should not completely ignore AB32 and the clear nexus between water use and energy use. This is certainly not equal between purveyors across the state, as some water supplies generate hydroelectricity (though significantly less during this drought), and some require massive amounts of energy to deliver distant supplies to service areas. Neither are all sources of energy equal, so the greenhouse gas footprint for each water source should be considered. We should invest our conservation efforts where we get the "most pop for the drop" to quote SWRCB Chair Marcus. That can only happen when the energy component of water supply is also considered.

Thank you for the opportunity to comment. Please contact me at (916) 679-3994 or at rroscoe@sswd.org should you have any questions.

Sincerely,



Robert S. Roscoe, PE

General Manager

Sacramento Suburban Water District



Agenda Item: 26

Date: April 7, 2015

Subject: Sacramento Metropolitan Air Quality Management District – Notice of Violation

Staff Contact: Jim Arenz, Operations Manager

On March 30, 2015, the District's Facilities and Operation Committee received a report regarding the status of a Notice of Violation (NOV) issued to the District by Sacramento Metropolitan Air Quality Management District (SMAQMD). While preparing the Annual Engine Report for SMAQMD, staff discovered an exceedance of the Annual Maximum Allowable Runtime (AMAR) hours for maintenance operation of the emergency generator at the Marconi Administration building. Once staff had verified that the permit limit had indeed been exceeded, SMAQMD was immediately notified of the permit violation. On February 11, 2015, District staff met with a representative from SMAQMD to review the engine generator runs logs for the generator in question. The representative confirmed the exceedance and issued the NOV.

The District received the Settlement Proposal from SMAQMD on March 11, 2015 (See Exhibit 1). The amount of the civil penalty is \$3,750.00. The Settlement Proposal was agreed to and signed by District staff and the civil penalty paid on March 13, 2015, in accordance with the stated deadline on the settlement notice.

Title 17, Section 93115, California Code of Regulations, Airborne Toxic Control Measure, states that no emergency generator shall be operated in excess of the quarterly and annual limit on hours of operation for maintenance established by the Permit to Operate provided by the local permitting agency, in this case SMAQMD. The quarterly and annual time limits, designated by SMAQMD, are based on each generator's specifications and exhaust emission standards. This particular generator has a maximum of 200 operational hours per year. However, the SMAQMD Permit to Operate allows only 30 hours per quarter, or 30 hours per year, to be used for maintenance purposes.

The District had safeguards in place in its documentation system to warn staff, on a quarterly basis, if any of the 36 permitted internal combustion engines (Engine) throughout the District exceed 75% and 90% of their AMAR hours for maintenance or emergency use. If an Engine gets to 90% of its AMAR hours, staff is instructed to limit its use by disabling the automatic exercising unit until the end of the calendar year (this scenario is extremely unusual).

The Engine in question had failed a standard load bank test late in the 2nd quarter of 2014. Repairs were made in the 3rd quarter, but when staff documented the operational hours for the 3rd quarter the unit was below the 75% threshold to activate the aforementioned alert. Subsequent load bank testing to verify the efficacy of the repairs was performed on October 1. This extra run time for testing, coupled with the weekly automatic exerciser run time in the 4th quarter, pushed the total maintenance run time over the 30 hour annual limit by one half hour. The error was not caught until the 4th quarter hours were tallied and documented after the calendar year ended, thus too late to make the necessary adjustments to the Engine's operations.

Staff has taken the following actions to prevent any such exceedances from occurring in the future:

- Contractors will be notified of the current and remaining AMAR hours for maintenance operation on generators before conducting any maintenance activities.
- The Production Data Collection Software (PDC) was amended as follows:
 - Validation will be added to ensure Ending Read of the Engine's Elapsed Time Meter (ETM) always matches the Beginning Read. If the values do not match an alert will pop-up to alert the operator.
 - Annotations entered by the operator to identify the reason for operation or any specific issues will be automatically transferred to the comments sections of the Monthly Operations Report form in the PDC.
 - The numerical values entered in the PDC for the Engine's ETM will turn yellow when the Engine's AMAR hours reach 70% and red when they reach 90%. In addition, e-mail messages will be sent to the Production Superintendent, Environmental Compliance Supervisor, and Production Foreman any time these conditions are met.
 - A table identifying the AMAR hours will be placed in the administrative section of the PDC View based on the permit conditions for each individual Engine. The Environmental Compliance Supervisor will be responsible for updating the AMAR hours based on the permit conditions.
 - An additional table identifying the actual runtime hours for maintenance and emergency use for each Engine will be placed in the PDC View for operators to compare with the AMAR hours. These values will also turn colors to indicate when the AMAR hours have reached either 70% or 90%.
- An Operation and Maintenance Plan (OMP) has been drafted outlining the processes, procedures, and responsibilities of the individuals involved with the District's emergency Engines. The OMP is intended to address the regulatory and maintenance requirements in a uniform manner for the District's fleet of emergency Engines.

In addition, staff has requested SMAQMD more closely examine the existing permit, as well as the specifications of the generator at this site, and determine if the hours of operation could be

permanently increased to 50 hours per quarter/year and a total of 200 hours for the year, matching that of a number of similar generators operated by the District.

The Mutual Settlement Program (MSP) put in place by SMAQMD is a voluntary program designed to settle violations without time and expense of litigation. In settling violations under the MSP, a penalty typically is specified as part of the proposed settlement. The amount of the penalty is determined using SMAQMD's Monetary Component Formula (MCF), which is based on factors to be considered in recovering civil penalties as specified in the California Health and Safety Code §42403(b).

SMAQMD provides an option within the framework of the MSP to request an office conference to present new, mitigating information that might affect the MCF factors and thus reduce the proposed penalties. Since this was a self-reported infraction, verified by both District staff and a representative from SMAQMD, staff had no new, mitigating information to present to refute the NOV for the exceedance of the AMAR hours. Therefore, staff did not pursue a dispute of the NOV or a reduction of the penalties.



March 5, 2015

Mr. James Arenz
Sacramento Suburban Water District
3701 Marconi Avenue, Ste 100
Sacramento, CA 95821

Re: **SETTLEMENT PROPOSAL: NOTICE OF VIOLATION #10661; CASE #6011**

Dear Mr. Arenz:

On February 11, 2015, the Sacramento Metropolitan Air Quality Management District (SMAQMD) issued you a Notice of Violation (NOV) of SMAQMD Rule 201, *General Permit Requirements*. Specifically, the NOV documented your operation of an internal combustion engine located at 3701 Marconi Avenue in excess of the annual hourly maintenance limit specified by your SMAQMD permit to operate. A copy of the NOV issued is attached.

The California Health and Safety Code (CH&SC) provides that each rule violation may result in civil penalties as specified in CH&SC Sections 42402, 42402.1, 42402.2 or 42402.3 for each day the rule is violated. A copy of these statutes is enclosed for your ease in reference.

The SMAQMD has a policy of attempting to mutually resolve NOV's whenever possible. The facts surrounding this NOV have been reviewed by the Enforcement Section of SMAQMD. In an effort to resolve this NOV, the SMAQMD proposes the following settlement:

1. Agree the consequences of the NOV are fully settled by performance of the terms of this Agreement.
2. Agree that if any of the terms of this Mutual Settlement Agreement are breached, enforcement action may commence notwithstanding any of the terms of the Agreement.
3. Pay the sum of \$3,750.00 as a civil penalty.
4. Agree that this settlement proposal does not relieve you from the responsibility to comply with all SMAQMD rules in the future.

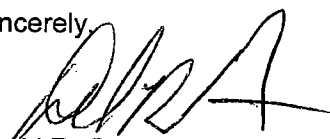
This settlement shall preclude the SMAQMD from seeking additional penalties concerning this alleged violation. In addition, this settlement shall not constitute an admission of violative conduct nor shall it be referred to be such an admission in any judicial or administrative proceeding.

The terms of this settlement proposal shall be deemed rejected if you have not communicated your acceptance to this office on or before April 5, 2015. If you wish to settle this matter as outlined,

please sign below and return this letter along with a check for \$3,750.00 payable to the SMAQMD. You may call Amy Roberts at (916) 874-6354 to request an informal office conference if you wish to discuss this matter further.

If you have not accepted this settlement proposal or requested an office conference within the time allotted, without further notice, this matter will be referred to District Counsel for enforcement proceedings.

Sincerely,



David R. Grose
Manager, Stationary Source Division

L:\enfm\sp\setltrs\6011 Sacramento Suburban Water District.doc

cc: Teresa Posey

Enclosures

I, the undersigned, hereby accept this offer of settlement.

Signed: James Arenz

Print name: James Arenz

Title: Operations Manager Date: 3/11/2015

(Return this original signature page with settlement check)

For SMAQMD Use Only

MUTUAL SETTLEMENT PROGRAM REMITTANCE

Invoice # 6011 Amount Due: \$ 3,750.00 Settlement due date: April 5, 2015



Agenda Item: 27

Date: April 7, 2015

Subject: CAL-Fire Operations at McClellan Business Park

Staff Contact: David Espinoza, Associate Engineer

The California Department of Forestry and Fire Protection (CAL-Fire) is the State of California's agency responsible for fire protection in the State Responsibility Areas of California, which encompasses 31 million acres. Specific to the District's interest is that CAL-Fire's Aviation Management Program is now based at McClellan Business Park (MBP). The MBP is one of 13 air attack bases located statewide and strategically placed to reach most fires within 20 minutes. 2014 turned out to be a very busy year for CAL-Fire, especially operating out of MBP. Over the years there have been discussions with CAL-Fire regarding the need for a permanent metered service for the water pulled from the fire hydrants on the flight line at MBP. In 2014, staff discovered the use of fire retardant chemicals necessary to help extinguish fires using air tankers flying out of MBP. Staff immediately met with CAL-Fire staff and informed them that a hydrant meter/backflow prevention device had to be installed. Within hours the subject device was installed.

During discussions with CAL-Fire, staff was informed that they were in the process of determining if MBP was a tactical location to become the base station for firefighting purposes. CAL-Fire was informed that if MBP was going to become their base station, a permanent water service would be required for their operations. Due to the tactical location, both CAL-Fire and US Forest Service have now determined MBP will be their base station. Due to this decision, the operations center and fire retardant system is transitioning from a portable system to a permanent system in 2015.

The unprecedented drought has parched Northern California, which led to one of the most active fire seasons in 2014. There were nearly 5,000 fires in 2014, which was a thousand more than the five year average. The fire season has now been determined to be year-round.

Staff met with both MBP and CAL-Fire staff to determine an efficient process to prepare for the 2015 fire season. It has been estimated by CAL-Fire that a 4" water service/backflow prevention device would suffice to serve the fire retardant system that will ultimately fill the air tankers. Staff is coordinating with CAL-Fire and MBP to secure the Facilities and Development Charge and inspect the installation of the 4" water service/backflow prevention device.

Total estimated cost for the installation of a 4" water service and monthly water rate charges is listed below:

CAL-Fire Operations at McClellan Business Park

April 7, 2015

Page 2 of 2

4" Water Service

Facilities and Development Charge	\$77,882
4" Water Meter	\$3,000
4" Backflow Prevention Device	\$4,000
<u>Installation 4" water service</u>	<u>\$20,000</u>
Total	\$104,882

Monthly Water Rate Charges

Meter Service Charge	\$85.02
<u>Capital Facilities Charge</u>	<u>\$498.11</u>
Total	\$583.13

Non-Residential Peak Usage Rate = \$1.05 (per 100 cubic feet)

In the interim, the District is allowing CAL-Fire to receive water per Regulation 12 – Temporary Water Service. This particular regulation allows temporary water service for up to one year. Training for filling of the air tankers began on Monday, April 6th. Prior to CAL-Fire initiating training, the District installed a 3" hydrant meter/backflow prevention device allowing the retardant system to operate from a fire hydrant until the Facilities Development Charges are paid with the next few months and the service connection becomes permanent. In addition, staff has established a three-inch metered service account with CAL-Fire, which the District will begin billing immediately. Monthly billing will be \$349.96, plus \$1.05/100 cubic feet.

It is anticipated that the 3" hydrant meter/backflow prevention device will suffice for filling of the average air tanker, which is approximately 4,000 gallons. However, if CAL-Fire has to dispatch one of the C10 air tankers (approximately 12,000 gallons), then staff will have to install a second 3" hydrant meter/backflow device on a second fire hydrant on the air strip, and bill accordingly.



Agenda Item: 28

Date: April 7, 2015

Subject: 2736 Auburn Boulevard – Appraisal of District Property Update

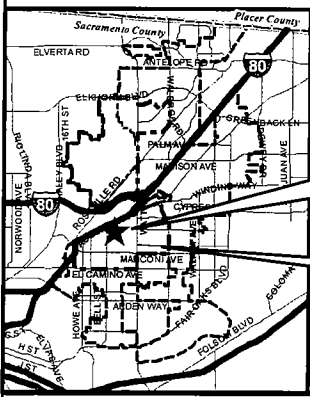
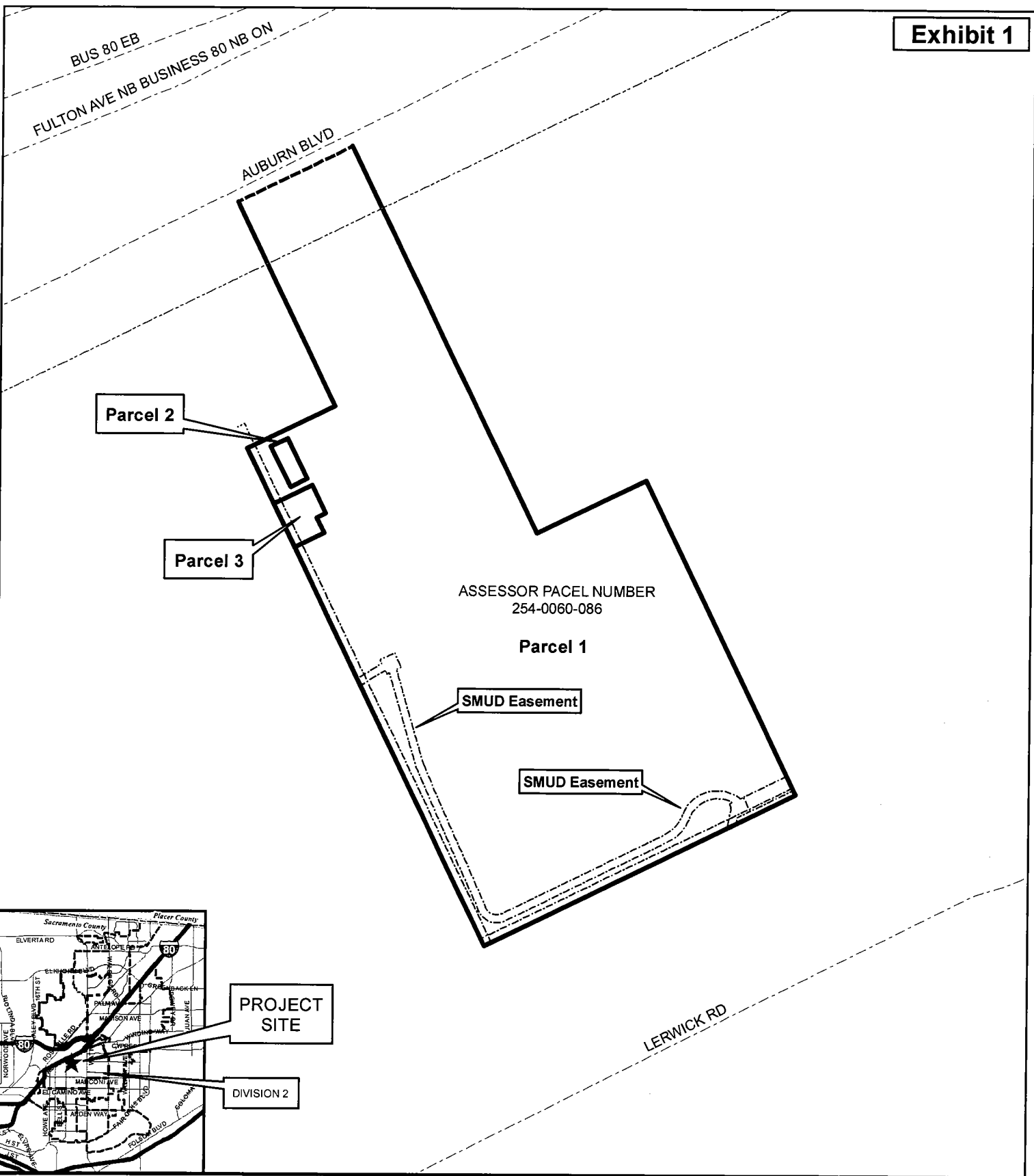
Staff Contact: Dave Jones, Associate Engineer

In July 2014, the Board of Directors requested staff research and prepare options associated with the potential surplus of District property at 2736 Auburn Boulevard. The current property owned by the District consists of one large parcel with two smaller parcels along the west side of the property (see Exhibit 1). The large parcel contains the old Arcade Water District office, warehouse, corporation yard, and two wells. The two smaller parcels are currently occupied by portions of the existing cell tower and associated appurtenances, and portions of one of the District’s wells. There is no relation with the use of the property and the boundary lines defined by the grant deed.

Staff was directed to develop a plan enabling the Board to dispose of non-essential or surplus property at this location. Staff developed a proposed lot line adjustment to include 4 parcels defined by separate uses. The wells and corporation yard were placed on Parcel 1, the cell tower was placed on Parcel 2, the old District office was placed on Parcel 3, and the warehouse was placed on Parcel 4. Staff obtained estimated appraisal values of the proposed four parcels and reported the findings to the Facilities and Operations Committee in January 2015. The approximate value of parcels 3 and 4, which would be offered for surplus, is \$480,000 (see Exhibit 2).

During general discussions regarding surplus property, the Committee requested staff to recommend if the District should proceed to surplus certain parcels, or operate business as usual. Due to the District’s continued use and need for the wells and corporation yard, and how the sale of the current leased properties could adversely impact operational activities and security of the property. Staff believes continuing to operate with the status quo is preferred. In addition, the lot line adjustment process alone could cost upwards of \$50,000, and require unknown time allotments for permits, etc. Additional costs may be recognized for the creation of new easements and modifications or new design and construction for utility lines. Also any changes to the parcel line may trigger required code upgrades to existing facilities.

Due to the above, staff will not proceed with a recommendation to the Board to surplus any property at 2736 Auburn Boulevard at this time.



NOT TO SCALE

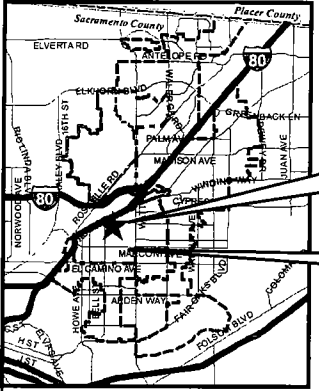
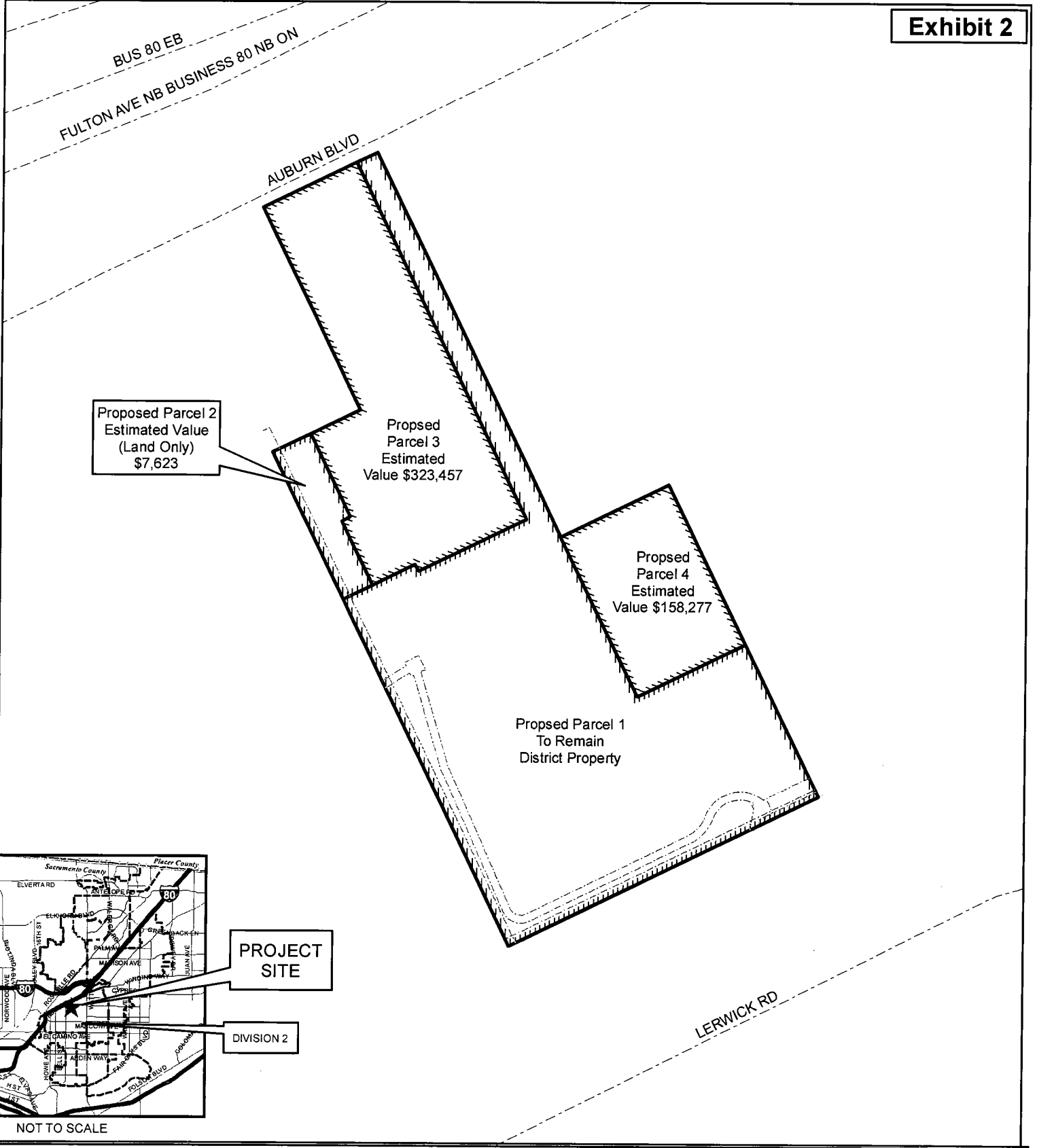


Portion of Sacramento Suburban Water District

NOT FOR RECORDING
Existing Property Owned
by Sacramento Suburban
Water District
2736 Auburn Boulevard

(Voting Div. 2)

Base Data: Sacramento County Gis Base Map
 Projection: CA State Plane 2, NAD83
 Scale: No Scale
 Prepared by: D.A.V., SSWD
 Sacramento, CA, Jan, 2015
 Auburn_2736_Existing.mxd



PROJECT SITE

DIVISION 2

NOT TO SCALE



Portion of Sacramento Suburban
Water District

NOT FOR RECORDING

Proposed Property With 4 Parcels
by Sacramento Suburban
Water District
2736 Auburn Boulevard

(Voting Div. 2)

Base Data: Sacramento County Gis Base Map
Projection: CA State Plane 2, NAD83
Scale: No Scale
Prepared by: D.A.V., SSWD
Sacramento, CA, Jan, 2015
Auburn_2736_Proposed.mxd



Agenda Item: 29

Date: April 6, 2015

Subject: Candidates for Election to the Executive Committee of the Association of California Water Agencies Joint Powers Insurance Authority (ACWA/JPIA)

Staff Contact: Christine Bosley, Executive Assistant to the General Manager

The Mesa Water District (MWD) Board President, Shawn Dewane, has recommended MWD's Fred Bockmiller, P.E. for election to the ACWA/JPIA Executive Committee. The Rincon del Diablo Municipal Water District (Rincon MWD) General Manager, Greg Thomas, has recommended Rincon MWD's David Drake for election. Both letters are attached for review and consideration.

The Executive Committee Election will be held during ACWA/JPIA's Board of Directors' meeting scheduled for May 4, 2015, at the spring conference in Sacramento, CA. Director Schild is SSWD's representative to ACWA/JPIA and will be voting on the District's behalf.

Nine JPIA Directors have qualified for this election and are listed below.

Fred Bockmiller - Mesa Water District
Paul Dorey - Vista Irrigation District
David Drake - Rincon del Diablo Municipal Water District
Dennis A. Erdman - South Coast Water District
E. G. "Jerry" Gladbach - Castaic Lake Water Agency (Incumbent)
John E. Hoagland - Rancho California Water District
David T. Hodgins - Scotts Valley Water District (Incumbent)
W.D. "Bill" Knutson - Yuima Municipal Water District (Incumbent)
J. Bruce Rupp - Humboldt Bay Municipal Water District

Fiscal Impact:

None.

Strategic Plan Alignment:

None.



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Shawn Dewane
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Division V*

Ethan Temianka
*Vice President
Division III*

Jim Atkinson
*Director
Division IV*

Fred R. Bockmiller, Jr., P.E.
*Director
Division I*

James R. Fidler
*Director
Division II*

Paul E. Shoenberger, P.E.
General Manager

Colleen L. Monteleone
District Secretary

Andrew N. Hamilton
District Treasurer

**Bowie, Arneson,
Wiles & Giannone**
Legal Counsel

1965 Placentia Avenue
Costa Mesa, CA 92627
tel 949.631.1200
fax 949.574.1036
info@MesaWater.org
MesaWater.org

March 30, 2015

Received

APR 06 2015

SSWD

Mr. Neil Schild, Director
Sacramento Suburban Water District
3157 Delwood Wy
Sacramento, CA 95821

Dear Mr. Schild:

On behalf of Mesa Water District (Mesa Water®), it is a great honor to recommend that your agency vote for Fred Bockmiller, P.E., for election to the ACWA/JPIA Executive Committee.

Fred Bockmiller has served on Mesa Water's Board of Directors for almost two decades and, during that time, he has made fair and informed decisions that have greatly benefited the District and its constituents. Furthermore, for almost fifteen years Director Bockmiller has served as Mesa Water's representative on the ACWA/JPIA Board and its Risk Management Committee, as well as the ACWA Energy Committee.

Due to his public service experience -- and his career of working as an Engineering Manager in the Facilities Management Department at the University of California Irvine -- Director Bockmiller possesses the qualifications, knowledge and understanding of the many issues facing ACWA/JPIA. Attached for your review is a Statement of Qualifications for Director Bockmiller's election to the ACWA/JPIA Executive Committee. Most importantly, Director Bockmiller has proven leadership abilities that can guide ACWA/JPIA to continued success as an organization that provides excellent services to its member agencies.

If you have any questions or requests for additional information, please feel free to contact our General Manager, Paul E. Shoenberger, P.E., by calling 949.631.1206 or emailing PaulS@MesaWater.org. Thank you for your consideration in voting for Fred Bockmiller.

Sincerely,

Shawn Dewane
Mesa Water® Board President

Cc: Mesa Water® Board of Directors
Paul E. Shoenberger, P.E., Mesa Water® General Manager
Rob Roscoe, Sacramento Suburban Water District General Manager



Fred Bockmiller – Director, Division 1

A Newport-Mesa native, Fred Bockmiller represents Division 1 of Mesa Water District (Mesa Water®), which encompasses the West Side of Costa Mesa and portions of Newport Beach. Throughout his service as a Mesa Water Board member, Director Bockmiller's emphasis has been on long-term planning for the future of the District and its infrastructure. Currently, Director Bockmiller is Chairman of Mesa Water's Engineering and Operations Committee, and Vice Chairman of the District's Finance Committee. He also serves as an alternate on Mesa Water's Legislative & Public Affairs Committee.

Director Bockmiller represents Mesa Water® on the Board of the Association of California Water Agencies (ACWA) Joint Powers Insurance Authority (JPIA). He also serves on the ACWA-JPIA Risk Management Committee, and the ACWA Energy Committee.

Having been Mesa Water's Board President for five prior terms (in 1999, 2000, 2004, 2011, and 2012), Director Bockmiller has previously chaired the District's Finance, Public Information, Human Resources, and IT Ad Hoc Committees. Additionally, he has represented Mesa Water® at the Orange County Council of Governments, and the Costa Mesa Westside Revitalization Oversight Committee.

A Professional Engineer, Director Bockmiller is the Engineering Manager in the Facilities Management Department at UC Irvine (UCI), a leader in energy conservation and construction efforts for more than 20 years with the campus' completion of more than \$2.5 billion in major capital construction projects, which tripled the developed building space and reduced energy consumption in laboratories by 50 percent.

Developing the next generation is an area of interest for Director Bockmiller. He has been a regular guest lecturer in UCI's Department of Mechanical and Aerospace Engineering, a mentor in the Da Vinci Academy Program at Newport Harbor High School, and a Board member of the Youth Employment Service—a local charity that provides youth with the tools to find jobs.

Board of Directors

David A. Drake, President
Diana L. Towne, Vice President
James B. Murtland, Treasurer
Dr. Gregory M. Quist, Director
Erin Lump, Director



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Greater Escondido Valley Since 1954*

General Manager

Greg Thomas

Board Secretary

Thomas Butler

General Counsel

Redwine and Sherrill

April 10, 2015

Dear ACWA/JPIA Member,

On behalf of Rincon del Diablo Municipal Water District (Rincon Water), I am enthusiastically recommending Mr. David Drake for election to the ACWA/JPIA Executive Committee and request that your agency vote for him at the upcoming election.

The mission and efforts of ACWA/JPIA are extremely important, and David Drake has been an active member in our Association for many years. He has been a long term Rincon Water representative to ACWA/JPIA, where he currently serves on the Workers Comp Committee, bringing many years of experience to the position. He is also a member of the ACWA Energy Committee.

Attached for your review is a Statement of his Qualifications for election to the ACWA/JPIA Executive Committee. As the co-founder of a high technology business enterprise supporting the water and sewer industries, David Drake has proven leadership and managerial skills, along with technical and administrative acumen, that will serve him well as a member of the Executive Committee. He understands, as a private business owner and long standing member of the Rincon Water Board of Directors, the full range of impacts and complexities of proper insurance coverage, execution of proper policies and best management practices to limit claims, and how to collaborate among multiple entities to deliver the best product. It is these same qualities that David Drake will bring to the Executive Committee that will help lead and guide ACWA/JPIA for continued success and services to our member agencies.

Feel free to contact myself at 760-745-5522 or gthomas@rinconwater.org if you have any questions or requests for additional information. Thank you for your consideration for voting for David Drake.

Sincerely,

A handwritten signature in black ink, appearing to read "G. Thomas", written over a horizontal line.

Greg Thomas
General Manager

Cc: David Drake, Rincon Water Board President



David A. Drake

ACWA/JPIA Qualifications for the Executive Committee



Current Responsibilities

Has served the Rincon del Diablo MWD ratepayers since 2006 as the Director for Division 2. Serves as the President of the Board for Rincon Water for 2015 and 2016, and is also a member of the Emergency Preparedness and Fire Services and the Audit Committees, in addition to previously serving on the Engineering and Long Range Planning Committee. In addition, Director Drake has represented Rincon Water to the ACWA/JPIA since 2006, and currently serves on the ACWA/JPIA Workers Compensation Committee. He is also an active member of the ACWA Energy Committee.

Past Service

As a member of the Rincon Water Ad Hoc Committee, assisted in the negotiations for adjusting health care coverage for current and retired Rincon employees.

Past Chair of the City of Escondido Planning Commission.

Served on the City of Escondido's Franchise Commission and General Plan Committee.

Represented the City of Escondido to the San Diego County Water Authority for nine years, wherein he served on the SDCWA Engineering and Administrative/Finance Committees.

Served as the San Diego FBI InfraGard President from 2004-2006

Employment

Currently, Co-President of Hadronex, Inc., in Escondido focusing on water system risk and cost reduction. In February 2015, Hadronex will be celebrating ten years of service to the water and wastewater industries. During this time Hadronex purchased over \$200,000 in commercial insurance.

Pointsource Technologies, Inc. - Vice President of Engineering 2001-2005

SAIC - Internet Services Architect 1997-2001

Mitchell International - Vice President and Chief Information Officer 1993-1997

Digital Equipment Corporation - San Diego Software Unit Manager 1985-1993

Oak Industries - Manager of Engineering 1979-1985

Jet Propulsion Laboratory – Member of the Technical Staff 1974-1979

Education and Recognition

BS in Engineering, California Institute of Technology, 1974 (Life Member of the Caltech Alumni Association)

Holds ten U.S. and four foreign patents.

Received a First Place design award from the EE Times.

Member of the AWWA and IEEE

Extra Class Radio Amateur AC6OA.

Graduate of the FBI Citizens Academy.

Mr. Drake has lived in Escondido since 1979 and has been married to Virginia for 31 years.

Candidacy Statement

The ACWA/JPIA provides a unique and critical service for California's public water agencies. The ACWA/JPIA has filled this role for decades and has become a leader among its peers. The past eight years serving on the ACWA/JPIA general board has been a remarkable period of learning and growth for me, professionally and personally. I ask for your support to allow me to contribute back to the organization and to help improve worker safety, risk control, cost management, health coverage, and personnel resources.



Agenda Item: 30

Date: April 7 , 2015

Subject: 2014 Leak Detection Survey Report

Staff Contact: Greg Bundesen, Water Conservation Supervisor

As a member of the California Urban Water Conservation Council (CUWCC), Sacramento Suburban Water District (District) elects to comply with Best Management Practices (BMP). One of CUWCC's BMP's is BMP 1.2 – Water Loss Control, which recommends annual leak detection surveys.

In 2014, the District chose to survey the southern portion of the South Service Area (SSA). The SSA was chosen based on the unique soil features found in this area. One of the benefits of choosing the southern portion of the SSA was the fact that not all leaks in this area may surface. The sandy soil composition has a tendency to channel leaks away from the surface.

On December 8, 2014 United Services Associates (USA) entered into a contract with the District to perform the survey on a portion of the District's southern portion of the SSA. USA has completed surveys for the District in the past, and has always performed in the most professional manner.

Beginning on December 09, 2014, USA spent approximately 17.5 hours surveying 17.8 miles of water main and 440 appurtenances. The Survey was completed on December 10, 2014 (see Exhibit 1). USA used state of the art sonic leak detection sound amplification instruments in conjunction with a sensitive transducer to identify leak noises on District facilities. During the survey portion of the inspection, USA staff was able to identify 4 leak type noises (2 at valves and 2 at fire hydrants), pinpointing 2 of these noises (1 valve and 1 fire hydrant). However, while attempting to pinpoint the other 2 possible leaks, USA found the noise had disappeared. USA estimates that the leak noises were causing 315,360 gallons in water lost per year. Both of the leaks identified by USA were abated by District staff in December 2014.

Future Survey sites will be selected to maximize District benefits. It is recommended that sites with similar characteristics to the SSA continue to be addressed. System areas with the potential for leaks to occur, but not surface, should take priority. Staff will be preparing a leak detection schedule to prioritize areas of the District's distribution system for inspection.

Exhibit 1

Final Report



Water Line Leak Detection Project for:
Sacramento Suburban Water District
Sacramento, CA



Project Dates:
12/09/2014 through 12/10/2014

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COVER LETTER

February 24, 2015

Sacramento Suburban Water District
Attn: Greg Bundesen
3701 Marconi Ave, STE. 100
Sacramento, CA 95821

Re: December 2014 Water Leak Detection Survey and Pinpointing Project

Dear Mr. Bundesen:

Utility Services Associates, LLC, (USA) is pleased to submit the enclosed Final Report on leak detection services recently completed.

The information contained in this Final Report details the procedures and results specific to this project. When applicable, recommendations have been made concerning the best approach for the repair of leaks detected and preparation for future leak detection projects.

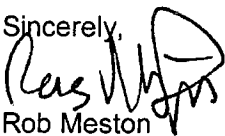
As you review this Final Report, please pay close attention to the Leak Consultant's remarks and field observations in the Project Observation section of this report. These may assist you in determining the best course of action regarding specific leaks.

At times specific individual Leak Reports may differ in the Final Report from those provided during the course of the project. These changes, usually insignificant, generally pertain to the manner in which we report leaks and do not alter the methods used or results of pinpointing.

We strongly suggest you contact us prior to excavating any leak that we have labeled with "CAUTION" for further explanation.

This leak detection project is productive since we pinpointed leakage that, when repaired, can reduce your water loss, saving Sacramento Suburban Water District dollars now and in the future. We appreciate your confidence in USA. If you have any questions, call us at (877) 585-5325 or (206) 244-0370.

Sincerely,



Rob Meston
President

EXECUTIVE SUMMARY

LEAK DETECTION EXECUTIVE SUMMARY

From December 9, 2014 through December 10, 2014, USA performed a leak survey for **Sacramento Suburban Water District, CA**. Our Leak Consultant, Jeff Benjamin, used and appreciated the information provided by Vicki Sprague to expedite and provide an accurate survey. The tables below detail the information gathered.

Time Spent on Project	
Surveying:	17.5 Hr
Pinpointing:	0.5 Hr
Other Time:	1 Hr
Total Time:	19 Hr

Total Areas Surveyed	
Total Distance in Miles	17.8
Total Distance in feet	93,984

The mileage was estimated by the consultant and may not match maps.

Access Points Contacted	
Hydrants	138
Valves	237
Services	46
Other	19
Total	440

Leak Type Noises Detected	
Hydrants	2
Valves	1
Services	0
Other	1
Total	4

Leaks Pinpointed	
Main	0
Valve	1
Hydrant	1
Service Line	0
Service Connection	0
Curbstop	0
Meter	0
Total	2

Total Water Loss Identified	
Gallons Per Minute (GPM):	0.60
Gallons Per Day:	864
Gallons Per Month:	26,280
Gallons Per Year:	315,360

Unidentified Water Loss	
Faulty Meters	0
Unidentified Leaks	0
Possible Consumer Side Leaks	0

This project was divided into two phases; the survey phase and the pinpointing phase. The following pages outline exactly how those two phases progressed and the results of each. Any leaks pinpointed will be detailed in the attached Leak Reports.

PROJECT OBSERVATIONS

PROJECT OBSERVATIONS (Water Distribution Lines)

GENERAL

USA Water Loss Consultant Jeff Benjamin recently completed a 2 day leak detection project for Sacramento Suburban Water District in Sacramento, CA. The project was completed on December 10, 2014 with approximately 17.8 miles of the system completed over the allotted time. The following observations have been compiled from field notes provided by Jeff over the course of the project.

SPECIFICS

The project was broken down into two different phases:

1. **Survey Phase** – sounding of appurtenances and recording all leak anomalies detected for further investigation.
2. **Pinpointing Phase** – pinpointing all anomalies that were detected during the survey phase.

1. Survey Phase Information

Over the course of the project all four pages of the maps provided were surveyed. Overall, noise travelled fairly well throughout the system and was consistent with the pipe types surveyed (AC main lines and Galv service lines). All available valves and hydrants were listened to in these areas. Meters were used as additional access points between valves in areas where valves were further than 300' between each other.

Overall, the survey phase of this project went fairly well. There were some difficulties locating valves as the majority of valves had concrete housings and lids. Approximately 90% of the valves were on private property and many were completely covered by landscaping. Service curbstops were used as additional access points in areas where valves could not be located. It is recommended that more prep work is done prior to future projects as locating the valves prior to arrival will significantly increase surveying efficiency.

The contract for this project was for 16 miles, but we ended up surveying 17.8 miles. The discrepancy was due to two things. First, the scale used to measure the maps may have been slightly off. Secondly, I surveyed some segments of pipe that were not on the map, but well within the borders of the area we were surveying. A small section of transmission line was also surveyed in the scope of work. There was nothing else witnessed about the system data that we would deem unusual at this time.

During the survey phase there were some things observed that should be added to a maintenance list. These items are listed below.

- The hydrant at Marlborough Way and Chancery Way needs to be dug out and raised to proper operating height.
- The hydrant at 4760 American River Drive needs to be raised to proper operating height.

- The hydrant at 4884 Kipling Dr needs to have the vegetation cleared around it and be raised to the proper operating height.
- The hydrant at 1504 Del Dayo Drive needs to have the vegetation cleared around it.

2. Pinpointing Phase Information

As a result of our survey, we were able to locate and pinpoint two (2) leaks. Overall I would describe the areas checked as in very good condition in regards to leakage. On the first day only one noise anomaly was detected and was later determined to be usage after further investigation. On the second day a hydrant leak and a suspected packing leak were found. It should be noted that Leak Report #2 appears to be a packing leak on the isolation valve for a wharf hydrant. The services to each side and directly across the street from the valve were sounded and no leak noise was detected. I was not able to correlate this leak due to limited access on the valve nut and lack of leak noise at the next closest appurtenances. Due to this information we suspect a small packing leak on the isolation valve. However, the leak location may be slightly off. Both of the leaks were small in nature and are easily explained in the Leak Report section of this Final Report. You will also find a drawing of each leak there as well.

RECOMMENDATIONS

We recommend a continued focus on water loss and real loss reduction. Once repairs are made, note any observed differences in estimates (leak rates) as errors in our estimates may have a significant impact on water loss numbers if this report will be used for auditing or to support other estimated/actual real losses.

We also recommend that you locate and clear appurtenances throughout the system. Many of the valves were covered and can't be located with a metal detector due to concrete housings and lids. Services are also getting covered as radio reading has taken away from accessing them regularly. You should also consider a review of your mapping program as it appears some segments of pipe were not on the map but well within the borders we were surveying.

CONCLUSION

We would like to thank Vicki Sprague for her assistance. She was friendly, willing and ready to help whenever it was required. It was great working with her and her effort throughout the project is very much appreciated. We look forward to working with Sacramento Suburban Water District again in the future.

Jeff Benjamin
Water Loss Consultant

SURVEY PHASE REVIEW

SURVEY PHASE REVIEW (Water Distribution Lines)

The first step in our survey was to review the distribution maps of the system for familiarization of the pipe network and available appurtenances to be used for contact points.

As the leak survey progressed, we determined the distances that even quiet leak type sounds traveled in various pipe materials, pipe sizes and pressure zones in each area of the system. This might have been done by slightly turning on fire hydrants, hose bibs, etc., creating a simulated, quiet leak sound. Appurtenances in that area were then checked with a sound amplification instrument to see how far the simulated leak sounds traveled, thus determining how often we would make contact with appurtenances in a given section of the water distribution system. In most areas, contact was made with pipe appurtenances at intervals no greater than 300 feet where contact points were available and accessible at pre-determined distances as noted in Paragraph B (whichever distance is necessary to obtain complete coverage). This allowed for even more quiet leaks to be located. Whenever we surveyed PVC lines, all available appurtenances were contacted.

We then conducted a comprehensive survey by making physical contact with all available main line appurtenances (valves, hydrants, etc.) and necessary customer services. USA used a sonic leak detection amplification instrument designed for this purpose.

Appurtenances Surveyed

Hydrant	138
Valves	237
Services	46
Other	19
Total	440

When normal contact points were not available or could not be created within a reasonable distance, we made an attempt to use a sonic ground listening instrument to make physical ground contact at intervals no greater than 6 feet directly over the pipe. If conditions did not allow this procedure our Leak Consultant advised you at time of project and notes of such are included in the Project Observations. Ground listening devices are employed when ground cover is pavement, cement or similar hard surface.

When ground cover was not a hard surface and normal contact points were not available, we made an attempt to use probe rods or a specially designed sounding plate at 6-foot intervals. A sound amplification instrument with 3VG or greater transducer was employed in conjunction with this equipment, directly over the pipe. If conditions did not allow this procedure our Leak Consultant advised you at time of project and was detailed in the Project Observations section of this Final Report. Direct contact to the main line at intervals outlined in Preparation for Service resulted in the most thorough survey.

Areas Surveyed

Street	From	To	Distance
Whitehall Wy	American River Dr	Regency Cir	1,308
Regency Cir	Whitehall Wy	Whitehall Wy	2,070
Cricket Ct	Whitehall Wy	End	315
Chancery Wy	Whitehall Wy	Jacob Ln	1,490

Marlborough Wy	Chancery Wy	Sherlock Wy	3,411
Tennyson Wy	Chancery Wy	American River Dr	1,043
Chauber Ct	Tennyson Wy	End	262
Selsey Ct	Chancery Wy	End	298
Dovercourt Cir	Jacob Ln	Jacob Ln	1,656
Sherlock Wy	Jacob Ln	Marlborough Wy	1,341
Friars Ct	End	Marlborough Wy	182
Brompton Ct	Paisley Wy	End	200
Paisley Wy	Jacob Ln	Marlborough Wy	878
American River Dr	Whitehall Wy	Harrington Wy	3,411
Harrington Wy	American River Dr	S. End	1,176
Yorkville Pl	Kingsford Wy	McClaren Dr	762
Sandbar Cir	Sandbar Dr	Sandbar Dr	1,143
Riffle Ct	Sandbar Cir	End	215
Sandbar Dr	Harrington Wy	McClaren Dr	1,507
Riverway Wy	Sandbar Dr	End	370
Canebreak Ct	Sandbar Dr	End	265
Jamiewood Ct	McClaren Dr	End	335
Hooten Ct	McClaren Dr	End	298
Piccadilly Cir	American River Dr	American River Dr	1,590
Jacob Ln	Fair Oaks Blvd	Sherlock Wy	3,544
Keane Dr	Jacob Ln	Kipling Dr	1,805
Cooperfield Wy	Deane Dr	Kipling Dr	496
Glen Aulin Ct	Deane Dr	End	380
Kipling Dr	Jacob Ln	Keane Dr	2,616
Finlandia Wy	Kipling Dr	Kipling Dr	1,570
Oak Vista Dr	Keane Dr	Kipling Dr	944
McClaren Dr	Sandbar Cir	Hooten Ct	977
Philomene Ct	Del Dayo Dr	End	265
Del Dayo Dr	Fair Oaks Blvd	Day Dr	2,914
Day Dr	Fair Oaks Blvd	Del Dayo Dr	712
Fair Oaks Blvd	Paloma Ave	Del Dayo Dr	2,351
Mipaty Ln	Fair Oaks Blvd	Del Dayo Dr	563
Menlo Ave	Fair Oaks Blvd	Paloma Ave	1,689
Beutler Dr	Menlo Ave	Barnett Cir	500
Barnett Cir	Beutler Dr	Fair Oaks Blvd	2,318
Gorman Dr	Barnett Cir	Copenhagen Wy	297
Copenhagen Wy	Arden Wy	Gorman Dr	927
Kellen Ct	Barnett Cir	End	199
Business Loop	Fair Oaks Blvd	Arden Wy	1,408
Elsdon Cir	Fair Oaks Blvd	Elsdon Cir	2,318
Sudbury Wy	Elsdon Cir	Elsdon Cir	745
Oak Vista Dr	Jacob Ln	Keane Dr	1,100
Macaulay Cir	Oak Vista Dr	Oak Vista Dr	1,807
Phelps Ct	Macaulay Cir	End	354
Tamsen Ct	Keane Dr	End	428
Keane Dr	Kipling Dr	Kingsford Dr	4,415
Kingsford Dr	American River Dr	Arden Wy	4,210
Meredith Wy	Gregory Wy	Ivanhoe Wy	3,242
Ivanhoe Wy	Gary Wy	McClaren Dr	745

Raimer Wy	Gary Wy	End	447
Shelly Wy	Keane Dr	Gary Wy	1,621
Gary Wy	Arden Wy	McClaren Dr	3,558
Arden Wy	Kingsford Dr	McClaren Dr	2,328
Gregory Wy	Shelly Wy	Arden Wy	800
Little Ct	Gregory Wy	End	250
Brickwell Wy	Gary Wy	Meredith Wy	726
Battlewood Wy	Brickwell Wy	End	652
Thistlewood Wy	Battlewood Wy	Shelato Wy	1,136
Sandywood Ct	Thistlewood Wy	End	270
Dye Wy	Meredith Wy	Cooley Wy	447
Cooley Wy	McClaren Dr	End	480
McClaren Dr	Hooten Ct	Arden Wy	3,372
Shelato Wy	Los Rios Dr	Arden Wy	2,906
Los Rios Dr	Shelato Wy	McClaren Dr	1,546
Marimoore Wy	Shelato Wy	Los Rios Dr	950
Beard Wy	McClaren Wy	Shelato Wy	932
Intersecting Lines			198
Total Area Surveyed in Feet			93,984
Total Area Surveyed in Miles			17.8

A detailed report of decibel levels at suspected leak sound locations and observations were compiled during the survey for reinvestigation and possible pinpointing at a later time. This reinvestigation increased the speed of the survey and eliminated correlating on most false leak sounds.

Leak Type Noises Detected

Contact Points	Noises Detected
Hydrant	2
Valves	1
Services	0
Other	1
Total	4

All indications of leaks found during the survey were verified a second time, after which, the leaks were pinpointed with a computer based sound correlator when possible. Pinpointing information can be found in the Pinpointing and Leak Reports Sections.

End of Section

PINPOINTING PHASE REVIEW

PINPOINTING PHASE REVIEW (Water Distribution Lines)

All indications of leaks found during the survey were verified a second time, after which, the leaks were pinpointed with a computer based sound correlator when possible. Pinpointing leak locations through interpretation of sound intensity, either by ear, decibel metering or other like methods was not used when contact points were available for use with the correlator. However, ground listening devices were used as a quick double check on pinpointed leaks.

The equipment used did not normally require valves to be operated during surveying and pinpointing. However, on occasion, services or valves were operated to eliminate service draw noises or to change velocity noise.

The correlator equipment used had the capability to prompt the operator to input the variables when different pipe sizes and/or pipe material were encountered in the same span to be investigated. This is necessary to insure accuracy of results based on the automatic computation of the correct leak sound velocity in leak pinpointing operations. Our correlators have the capability of correlating up to seven various pipe sizes and types at one time in a given space. To insure effective performance in all field environments encountered in the distribution system (i.e. traffic noise, draw, pump operation, industrial noise, etc.), the correlator equipment provides 16 auto filter options and/or infinite manual filter options.

We provided a copy of leak reports, when pinpointed, which included leak locations and estimated GPM loss.

Leaks Pinpointed

Number	Leak Type	Location	GPM
1	Hydrant	1411 McClaren Dr	0.10
2	Valve	1206 McClaren Dr	0.50
Total			0.60

These leak reports, also included a leak repair priority classification. These classifications are as follows:

Class I Any leak which is hazardous in terms of potential undermining, possibly resulting in surface collapse, encroachment and/or damage to nearby utilities, commercial or private properties or leaks severe enough to warrant immediate repair.

Class II All leaks that display water losses significant enough to be monitored on a regular repair schedule.

Class III Relatively small leaks that should be repaired as workload permits.

Repair Priority

Number	Leak Type	Location	GPM
Total Class I			0.00

Number	Leak Type	Location	GPM
Total Class II			0.00

Number	Leak Type	Location	GPM
1	Hydrant	1411 McClaren Dr	0.10
2	Valve	1206 McClaren Dr	0.50
Total Class III			0.60

Whenever any of the leaks detected by USA were repaired prior to completion of the field work, we gave Sacramento Suburban Water District the option to have that section of the system re-surveyed to be sure no very quiet leaks were missed due to an over powering noisy leak sound.

Please note that leakage that was detected and pinpointed may be larger or smaller than estimated. Estimates are based on several variables including type and size of pipe, pressure and interpretation of correlation filter results.

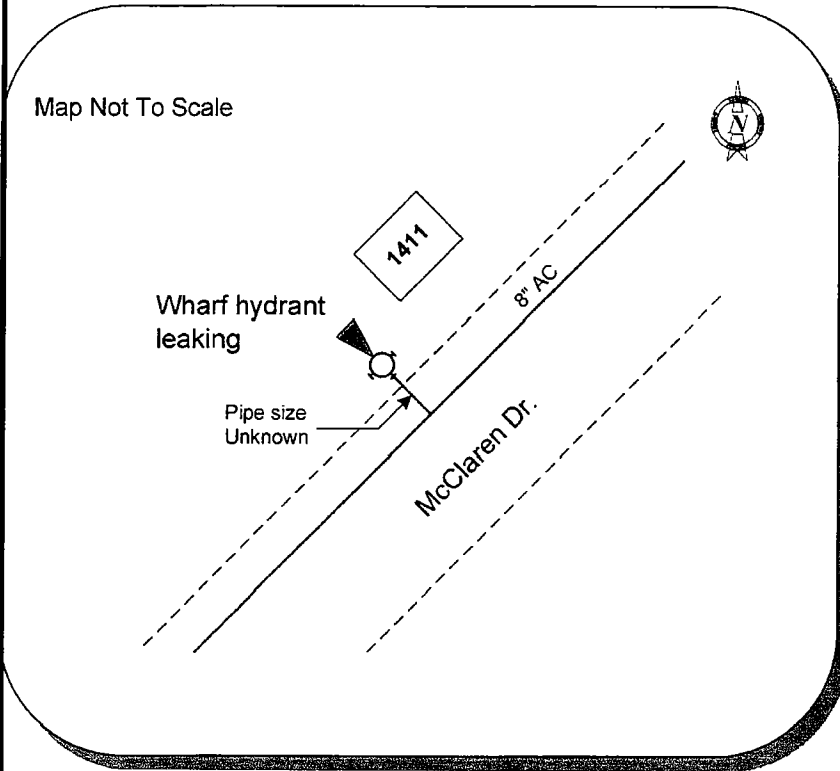
End of Section

LEAK REPORTS

Leak Report

Utility Services Associates, LLC

Location: 1411 McClaren Dr.
 Map #: _____ GPS: _____
 Remarks: The Wharf hydrant was not shut down completely. Suggest flow and reseal.
 Leak Type: Hydrant
 Recommendations: Repair / Replace



Leak Consultant: JB
 Leak No: 1
 Leak Class: III
 Leak Rate: .10 GPM
 Cover Type: Soil
 Site Marked: No
 Date: 12/10/14
 Job No: 14334

Space left blank for digital photo.

Equipment used: S-30 Portable Listening Device

Computer Correlation Results

Scan Time	Grade	Dist "Red"	Dist "Blue"

Water Loss
(this leak, in gallons)
DAILY 144
WEEKLY 1,008
MONTHLY 4,380

Leak Report

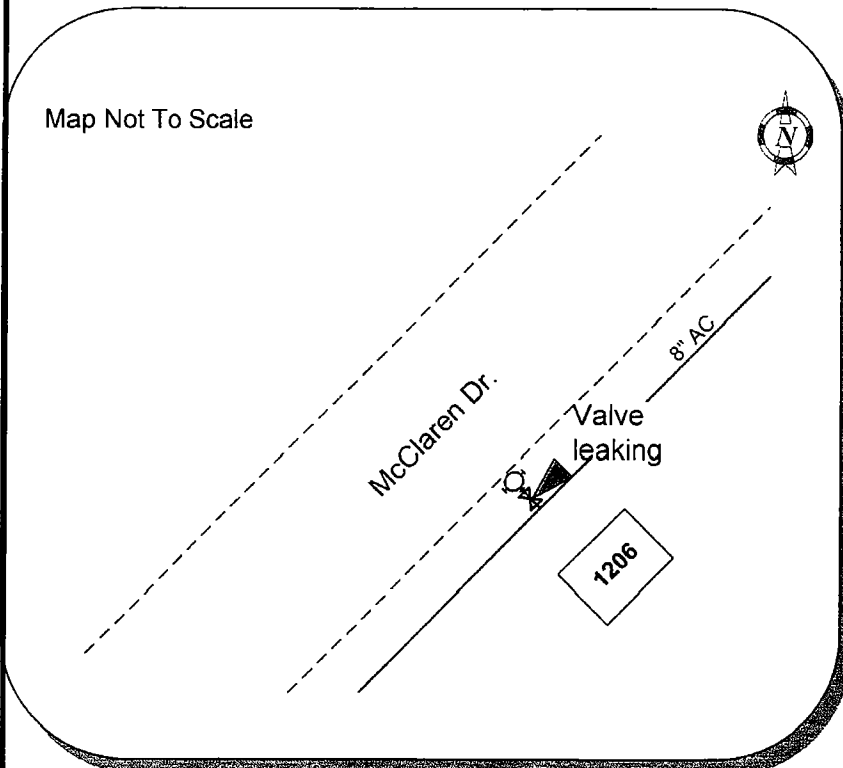
Utility Services Associates, LLC

Location: 1206 McClaren Dr.

Map #: _____ GPS: _____

Remarks: Water was present the Wharf hydrant valve can. Sound is indicative of packing leak on valve. Cleaned out valve can and clear swirling water is present. Valve very close to AC line.

Leak Type: Valve Recommendations: Excavate & Repair



Leak Consultant: JB
 Leak No: 2
 Leak Class: III
 Leak Rate: .50 GPM
 Cover Type: Soil
 Site Marked: No
 Date: 12/10/14
 Job No: 14334

Space left blank for digital photo.

Equipment used: S-30 Portable Listening Device & Probe Rod

Computer Correlation Results

Scan Time	Grade	Dist "Red"	Dist "Blue"

Water Loss
(this leak, in gallons)
DAILY..... 720
WEEKLY 5,040
MONTHLY 21,900

CONCLUSION

LEAK SURVEY CONCLUSION

Our thanks to Greg Bundesen and all persons involved with this project for their assistance in gathering all the necessary paperwork and personnel to create, with USA, a mutually beneficial leak detection project.

With this survey you have demonstrated concern for prudent water utilization and conservation.

Capitalizing on the most advanced leak detection technology available today, USA has successfully completed this Leak Detection Survey. The contents of this Final Report provide Sacramento Suburban Water District with a permanent record of the activities performed to complete a Leak Survey along with the results achieved.

An important characteristic of this Leak Report is that the facts contained herein can be used in formulating a database for decision making regarding: the need for possible future meter programs, rehabilitation and pipe line replacement and/or the investigation of new water sources, etc. These types of decisions, regarding your utilization of water, now can be predicated more on facts rather than supposition or conjecture.

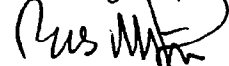
Prompt repair of any leaks reported provide an immediate benefit to Sacramento Suburban Water District, which includes recovery of most water revenue and water conservation, etc.

Having achieved these results, we recommend that you continue to set up the infrastructure necessary to continue investigating leakage in the water distribution system. Implementation of any on-going leak survey program will ensure that leak losses are kept to a minimum, and the added enhancement of saving costs due to emergency call outs.

Utility Services Associates, LLC, is proud to have served Sacramento Suburban Water District in this way and we wish to thank you for your substantial assistance and cooperation in this project.

If you or your staff has any questions regarding this Final Report, please feel free to call us at (877) 585-5325 or (206) 244-0370.

Best Regards,



Rob Meston
President



Agenda Item: 31

Date: April 16, 2015

Subject: Status of Phase 2A Reorganization Study

Staff Contact: Daniel A. Bills, Finance Director

Discussion:

The latest information on the Phase 2A Reorganization Study Process is as follows:

1. There was a 2x2 Water Management Ad Hoc Committee Meeting held on March 26, 2015 at Sacramento Suburban Water District. Items discussed are on the attached meeting agenda (Exhibit 1), with discussion details in the attached draft meeting notes (Exhibit 2).
2. The most notable item from the meeting was the release of the Public Comment Version of the Phase 2A Draft Report. Anyone wishing to comment on the report may do so up through April 25, 2015. A Press Release (Exhibit 3) was issued announcing the availability and comment period for the public comment version along with posting on the front page of the District’s website. Copies are also available at all local libraries.
3. On April 14, 2015, in response to a request from the Wholesale Agencies of San Juan Water District, the 2x2 Water Management Ad Hoc Committee approved extending the comment deadline on the Phase 2A Draft Report to June 5, 2015.
4. Future Meetings:
 - a. Joint Board Meeting – Date: June XX, 2015
 - i. Final administrative report draft for consideration
 - ii. Opportunity to take actions

Agenda
San Juan Water District
and
Sacramento Suburban Water District
2x2 Water Management Ad Hoc Committee

3701 Marconi Avenue, Suite 100
Sacramento, CA 95821

March 26, 2015
6:00 p.m.

Where appropriate or deemed necessary, the Committee 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 members of the Committee 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 Committee 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 Committee Chair 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.

Call to Order

Roll Call

Public Comment

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

Items for Discussion and Action

- 1. Approve Notes of February 5, 2015 Committee Meeting**
- 2. History and Objectives of the 2X2 Water Management Ad Hoc Committee and Reorganization Studies**
- 3. Receive MMS Strategies Reports:**
 - a. Report on Results of Telephone Survey**
 - b. Receive and File Phase 2A Report on Public Outreach and Advocacy**
- 4. Discuss Proposed Joint Response to Letters from Carmichael Water District and City of Folsom**

5. Public Review Version of Phase 2A Draft Report

6. Discuss Upcoming Tasks, Meetings and Schedule

I certify that the foregoing agenda for the March 26, 2015, joint Committee meeting of the Sacramento Suburban Water District and San Juan Water District 2x2 Water Management Ad Hoc Committee was posted by March 20, 2015 in a publicly-accessible location at the Sacramento Suburban Water District office, 3701 Marconi Avenue, Suite 100, Sacramento, California and the San Juan Water District office, 9935 Auburn Folsom Road, Granite Bay, California and was freely available to the public.

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

Teri Hart
Board Secretary
San Juan Water District

2x2 Water Management Ad Hoc Committee Meeting Notes

Sacramento Suburban Water District

Thursday, March 26, 2015

Call to Order

Chair Costa called the meeting to order at 6:00 p.m. Director Walters was late; Director Miller was appointed as alternate until Director Walters arrives.

Roll Call

Committee Members: Ted Costa, San Juan Water District (SJWD) Director, Chair
Neil Schild, Sacramento Suburban Water District (SSWD) Director
Ken Miller, SJWD Director (Alternate)
Bob Walters, SJWD Director
Kevin Thomas, SSWD Director (Alternate)

District Staff: Robert Roscoe, SSWD General Manager
Shauna Lorance, SJWD General Manager
Dan York, SSWD Assistant General Manager
Keith Durkin, SJWD Assistant General Manager
Christine Bosley, SSWD Executive Assistant

Members of the Public: John O'Farrell, Phase 2A Study Consultant
Michelle Smira-Brattmiller, Committee Consultant, MMS Strategies
Marilyn Wright, MMS Strategies
Tony Russo, The Summit Group
Dan Bills, SSWD Finance Director
Kevin Thomas, SSWD Director
Mike McRae, Fair Oaks Water District (FOWD) Director
Dave Underwood, FOWD Director
Tom Gray, FOWD General Manager
Caryl Sheehan, Citrus Heights Water District (CHWD) Director
Ray Riehle, CHWD Director
Ron Greenwood, Carmichael Water District (CWD) Director
Mike Schaefer, Orange Vale Water Company (OVWC) Director
Peter Brundage, Sacramento Local Agency Formation Commission
Bob Churchill, Citrus Heights Water District (CHWD), General Manager
Debra Sedwick, Del Paso Manor Water District (DPMWD)
William Eubanks, SSWD Ratepayer
Glenn Jorgensen, SSWD Ratepayer
Avery Wiseman, SSWD Ratepayer
Jason Mayorga, SJWD Employee
Chantelle Garvin, SSWD Staff Intern

Public Comment

Glenn Jorgensen stated he is a satisfied customer of SSWD and questioned why SSWD would merge under SJWD rather than SJWD merging under SSWD. Mr. Jorgensen also voiced his concern regarding the potential of SJWD running out of water soon. Chair Costa responded SJWD is a

community services district which has more powers than a county water district and SJWD has pre-1914 water rights. Mr. Jorgensen voiced his concern that SJWD will be run out of surface water and then would be reliant solely on SSWD's groundwater. Shauna Lorance stated that current forecast for Folsom is that SJWD will have adequate water through the summer. Ms. Lorance also stated that there are groundwater issues as well, such as hexavalent chromium and that the reason behind the potential merger is that the combined district would have access to both groundwater and surface to provide more water reliability. Director Schild suggested Mr. Jorgensen read the report and that if he had any questions, to contact a Board or staff member and they would be happy to provide an answer.

Items for Discussion and Action

1. Approve Notes of February 5, 2015 Committee Meeting

Director Schild noted that his name was misspelled on page 3 of the Committee Notes and requested it be corrected.

Chair Costa moved to approve the Committee Notes with amendment; Director Wichert seconded. The motion carries by 3/0/1 vote (Miller abstained).

2. History and Objectives of the 2X2 Water Management Ad Hoc Committee and Reorganization Studies

Keith Durkin provided a presentation which included:

- History and objectives of the 2x2 Water Management Ad Hoc Committee
- Overview of Phase 1 Study
- Summary of Phase 2A Study accomplishments

Director Walter arrived during this presentation and replaced Director Miller at the dais.

Director Schild commented the Committee did not originally meet with intention of discussing a potential merger but, rather, to consider the possibility of sharing mutual resources and equipment, among other things.

3. Receive MMS Strategies Reports:

a. Report on Results of Telephone Survey

Tony Russo of Russo Miller provided a presentation regarding the telephone survey conducted as part of the Committee's outreach effort. Mr. Russo provided some basic information on how the survey was conducted. Mr. Russo then summarized the survey showed 63% were in favor or had no opinion and 37% were not in favor of the merger but noted there was a 7% increase in favorable opinions when the word "partnership" was used rather than the "merger".

Director Schild requested to see the full report. Director Wichert noted the results showed the further breakdown of the survey results as 21% were in favor, 37% were not in favor and 42% had no. Director Schild commented that those that had no opinion would not count either way; therefore, interpreted the results as 21% were in favor and 37% were not in favor.

It was noted that with further information regarding the merger, the results showed 44% were in favor, 27% were not in favor and 29% had no opinion.

b. Receive and File Phase 2A Report on Public Outreach and Advocacy

Michelle Smira-Brattmiller presented a summary of the outreach efforts which included:

- Briefings with elected officials, city staff and county staff
- Over 50 meetings with stakeholders
- Public presentations at 2x2 Committee meetings
- Meetings with 12 business and neighborhood groups
- Creating talking points, Frequently Asked Questions, Fact Sheet, Timeline, Maps and a Press Release to ensure easily understandable messaging
- Coordination with consultants to conduct a telephone survey

Ms. Smira-Brattmiller noted the decision of the Committee in December was to focus outreach efforts on stakeholders rather than the public at large until the Committee had determined to move forward with Phase 2B. If it is determined to move forward, Ms. Smira-Brattmiller stated it would be critical to reach out to rate payers by creating direct mail pieces, conducting town hall meetings, holding meetings with community and homeowner associations and media outreach messaging before going to LAFCo. She echoed Mr. Russo's statement that there did not appear to be any real intensity with ratepayers, presumably leaving the decision to their elected officials.

Avery Wiseman questioned how the determination to move forward would be decided – by the joint Boards, proposition 218 procedure or special election. Ms. Smira-Brattmiller responded it would be determined by the two Boards. Mr. Wiseman questioned whether the survey was representative of the ratepayers. Director Wichert stated that he believed the survey to be statistically valid. Ms. Smira-Brattmiller added the Board would not be making a determination based on the survey. Ms. Lorance added that what was learned that most of public didn't know about the potential merger.

Director Miller questioned how many of the respondents were in each of the districts' boundaries. Mr. Russo responded 300 from each district. Director Miller voiced his concern regarding the survey's validity as many of those surveyed may have been in the retail portion of SJWD and, therefore, not aware of the boundaries as they would not receive a bill directly from SJWD.

4. Discuss Proposed Joint Response to Letters from Carmichael Water District and City of Folsom

Ms. Lorance informed the Committee the letter in the packet is shown as a combined letter for ease of review and stated the letter will be sent to each of the districts.

Director Schild stated the response, in his opinion, was inadequate; further, the districts took some the time to pose their questions and should receive a full response. Director Schild stated he would not sign the letter as it is written. Chair Costa suggested the letter should state that more time is

needed. Director Wichert also agreed with having the letter revised and suggested a polite response explaining the need for additional time. Ms. Lorance stated she would revise the letter.

5. Public Review Version of Phase 2A Draft Report

John O'Farrell provided a comprehensive overview of the Phase 2A Study report. Mr. O'Farrell stated a news release announcing the release of the Phase 2A study would be sent out on March 27, 2015. Additionally, both districts' websites would be updated to announce the districts' merger discussions and the release of the report.

Director Schild suggested placing copies in libraries and other public venues. Director Schild also voiced his opinion that 30 days was not long enough to review such a lengthy document and suggested extending the time to 60 days.

Director Wichert questioned whether the Committee should release the document without approval of the joint Boards. Mr. Roscoe commented the study has been available all along in all its forms for transparency. Ms. Lorance stated it could be delayed. Mr. O'Farrell replied he would prefer not to delay but to move forward to get the document out to the public. Director Wichert stated he was comfortable with releasing the document but wanted a statement included advising the public that the report was staff's position but the Boards' have made no determination either way. Mr. O'Farrell replied he would add a cover letter with a statement to that regard.

After some discussion, it was determined that Chair Costa and Directors Walters and Wichert wished to proceed with releasing the report and Director Schild did not. Mr. Walters stated the majority were in agreement to release the document and directed staff to move forward with a 30 day review period.

In response to the discussion regarding setting up the next joint Board meeting, Director Schild questioned the need to set up a meeting until the comments were back. Mr. O'Farrell responded that setting the date of the meeting would keep the process on track.

Director Wichert questioned when the financial analysis will be completed. Mr. O'Farrell replied it would be included in the Phase 2B Study scope of work and that the 2B scope of work would be provided at the joint Board meeting.

Dave Underwood sought confirmation that the letter from Fair Oaks Water District regarding questions as to the reliability and cost benefit of the pre-1914 rights would be addressed. Ms. Lorance confirmed it would.

Tom Gray stated, in his discussing the potential merger with other stakeholder water districts, the telephone survey was based on assumptions with regard to water reliability would improve for all, money would be saved for all, water rights would be better protected, the district would have stronger voice with state issues and they are not seeing the proof. Mr. Gray questioned when the details would be presented. Chair Costa stated that he and Mr. Gray had been in a meeting previously where they discussed the loss of water due to a determination that the water hadn't been put to beneficial use; a merger would allow for that water to be put to beneficial use.

Peter Brundage of LAFCo commented on the difficulty of the process of merging and added the districts have done a great deal to answer questions, provide outreach and obtain comments. He added that he would be happy to answer any questions regarding the LAFCo process. Mr. Brundage also added when LAFCo does come to provide an evaluation they would want a financial pro forma of what the district would look like. He stated LAFCo would conduct an environmental review through CEQA.

Adjournment

Chair Costa adjourned the meeting at 7:54 p.m.

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



NEWS RELEASE

CONTACT: Michelle Brattmiller
916.479.3687
michelle@mmsstrategies.com

Water Districts Explore Merger

Water supply quality and reliability at the forefront

Sacramento, Calif., March 27, 2015 – San Juan Water District and Sacramento Suburban Water District (Districts) released a report entitled, *Phase 2A Study: Analysis of Reorganizing*. The report has been released for a 30 day public review and comment period that will run through April 25.

The Districts are contemplating a merger which could result in a single water agency. The study has found that a merger would significantly improve water supply reliability in the combined service areas by providing the opportunity for the new district to use both ground and surface water for customers and could save ratepayer dollars by eliminating duplication of job duties, create a more streamlined agency and protect water rights.

“Given the unprecedented drought and uncertainty of water in California, I think the time is right for this discussion,” stated Dave Peterson a rate payer and former San Juan Water District Board Member. “I am afraid of what could happen if we do nothing.”

The Districts began meeting in 2011 to discuss the possibilities of reorganizing or merging the two water districts to create a stronger water district with increased water assets to improve water supply reliability. The report explores the technical and logistical details of a proposed merger. The report can be found online at www.sswd.org or www.sjwd.org.

Both districts do have balanced budgets, stable water rates, and reserves. The accumulated debt of each agency is a result of investing in the water delivery system required to maintain operations. The reason they are looking to combine operations is to improve water management and reliability. Sacramento Suburban Water District (SSWD) has vast reservoirs of ground water, and San Juan Water District (SJWD) has extensive water rights and contracts for surface water. Bringing the water resources of the Districts together provides for a seamless mechanism to ensure their continued ability to deliver water under the most dire circumstances.

For questions about the merger or to provide comments on the draft report, please contact Dan Bills, SSWD, at 916.679.3970 or dbills@sswd.org or Keith Durkin, SJWD, at 916.791.6906 or kdurkin@sjwd.org.

###

About San Juan Water District

- ✓ Provides water service to a population of approximately 160,000
- ✓ Treats and delivers approximately 50,000 acre feet of water through 218 miles of pipeline
- ✓ Retail division serves parts of Roseville and Granite Bay in Placer County and Orangevale and Folsom in Sacramento County
- ✓ Wholesale customers include Citrus Heights Water District, San Juan Retail, Fair Oaks Water District, Orange Vale Water Company and a portion of the City of Folsom north of the American River
- ✓ Has pre-1914 American River water rights of 33,000 acre-feet annually plus contractual rights with the U.S. Bureau of Reclamation for 24,200 acre-feet annually and Placer County Water Agency for 25,000 acre-feet annually, the latter to be used solely within Placer County

About Sacramento Suburban Water District

- ✓ Provides water service to a population of approximately 173,000
- ✓ Treats and delivers an annual average of 38,000 acre feet of water through 698 miles of pipeline
- ✓ Provides service to Arden-Arcade, Foothill Farms, McClellan Business Park and portions of Citrus Heights, Carmichael, North Highlands, Sacramento and Antelope
- ✓ Provides water to customers from 82 active groundwater wells
- ✓ Has contractual rights to 26,064 acre feet from the City of Sacramento and 29,000 acre-feet of surface water from Placer County Water Agency



Agenda Item: 32

Date: April 8, 2015

Subject: Report Back Items – General Manager’s Report

Staff Contact: Robert S. Roscoe, General Manager

1. Prioritizing Main Replacement Projects

The District’s Distribution Main Asset Management Plan (Plan) was last updated in October 2014. Attached is the project prioritization ranking list from the Plan. Point assignments and ranking categories are explained in the 2014 plan. Also attached is a map showing projects planned for construction, based on their prioritization, 2015 through the year 2022. Projects in calendar year 2015 were approved by the Board in the CY2015 Budget.

2. Purchase of Easement - 7035 Watt Avenue

At the February 2015 Board Meeting, the Board adopted Resolution No. 15-01, Accepting a Grant of Easement and Right of Way for 7031 Watt Avenue – Grace Family Church. However, the Board asked staff to contact the owner of the adjoining property to the north (at 7035 Watt Avenue) to inquire about obtaining a parallel easement on the other side of the property line from 7031 Watt Avenue.

As previously reported, District staff did make contact with one of the property owners at 7035 Watt Avenue. The property is owned by several partners. The legal name of the ownership group is Nova Real Estate Group, Inc. This property is currently used as an oak furniture retail business. The contact stated that he is not on good terms with the church at 7031 Watt Avenue as he believes that the church is not “a good neighbor”. In addition, his property is already burdened with a 5 foot easement (to SMUD and PG&E) along the northern property line. The owner said that he is open to further discussions with the District regarding an easement but his current position is that he does not want to burden his property with a water line easement unless he is compensated for it.

The Board further directed staff to estimate the cost of acquiring the easement from the property owner at 7035 Watt Avenue. To develop this estimate, staff referenced a report from Overland, Pacific & Cutler (OP&C), Inc. dated January 26, 2015, titled “Valuation of Easements and Property Acquired by District in 2014.” Note that the District contracted with OP&C to place a value on these easements to meet Governmental Accounting Standards Board (GASB) 51 requirements. In their report, OP&C states that the fee title value of commercial property in the District’s service area in 2014 ranged from \$6.66/sf - \$20.52/sf and they used \$21.00/sf for easement valuation purposes. For commercial property in the North Highlands area, staff believes that a slightly lower value of roughly

\$15.00/sf would be reasonable. Then, the values of the subsurface easements on commercial properties are based on 50% of the fee value (example: price per square foot x easement area x 50% = value). The south boundary of the parcel at 7035 Watt Avenue is 185.91 feet in length. Therefore, the value of a 5 foot easement can be estimated as follows:

- 929.55 square feet (sf) x \$15.00/sf x 0.50 = \$6,972.

On April 8, 2015, staff contacted one of the partners by the name of Arash Nassiri. Staff offered to purchase the additional easement for the estimated price listed above. Mr. Nassiri rejected the District’s offer and informed staff that he and his partners are unwilling to burden their property with an additional 5 feet of easement.

3. Union “Presidents” Contract

Staff has found that The General Presidents’ Project Maintenance Agreement is designed to provide skilled, highly trained craft people to contractors who perform continuing supplemental maintenance work at industrial sites throughout the United States, using a nationally negotiated collective bargaining agreement designed to provide many cost saving provisions to the owner community.

Included are:

- No strike clause
- No wage premiums or guaranteed overtime
- No subsistence or travel pay
- No payment required for Industry Promotion Funds
- All overtime at a rate of 1½ times normal pay, except for 2 times normal pay on Sundays and holidays
- Seven (7) unpaid holidays each year
- Standard for all crafts:
 - Starting and quitting time
 - Shift conditions
 - Staggered work week schedules available if desired
 - Permanent four-cycle shift system available if desired
 - Contractor determines crew size and number of Foremen
 - One job-site representative or steward for each craft
 - Eliminate non-productive work time
 - Eliminate excessive manning requirements and standby practices

The agreement is administered by one high level International representative from each of the 14 participating crafts, plus an administrator from the Building and Construction Trades Department, AFL-CIO, and the Associated Maintenance Contractors. The Agreement has been in place since 1956 and has generated many millions of man hours of work each year.

District staff prefers to leave bidding open to all responsible contractors, both union and non-union. Currently, the District’s master service contractor on main replacement projects

is Veerkamp General Engineering, a non-union contractor. The District’s main replacement projects also vary in scope and size and each master service contract task order is typically issued in the low 5 to low 7 digit range.

Staff feels the nationally negotiated collective bargaining agreement designed to provide cost saving provisions are intended for very large and long duration projects in the 8 to 10 (and above) digit range and typically lasting multiple years.

4. Separate Line for Irrigation (Non-Residential Accounts)

The District’s current Regulation No. 7, Paragraph I.1.(h), states that “A separate metered irrigation service shall be required for all non-residential units.” At the March 2015 Board Meeting, Director Schild asked why this was a District requirement. The reason for this requirement is that non-residential irrigation services must be protected by an approved backflow prevention device. These backflow prevention devices must be registered with the District and tested annually by a certified backflow assembly tester (BAT), with a copy of the test report sent to the District. By having a separate irrigation service, the property owner can get by with a smaller backflow prevention device. In addition, when the District signed the Water Forum Agreement (WFA) in 2002, it agreed to comply with the Water Forum’s Best Management Practices (BMP) for water conservation. One of the BMP’s requires that the District “consider separate landscape water meter(s) when the combined service would require a 1-½” or larger meter.”

5. City of Sacramento and Northridge Water District - Water Contract Update

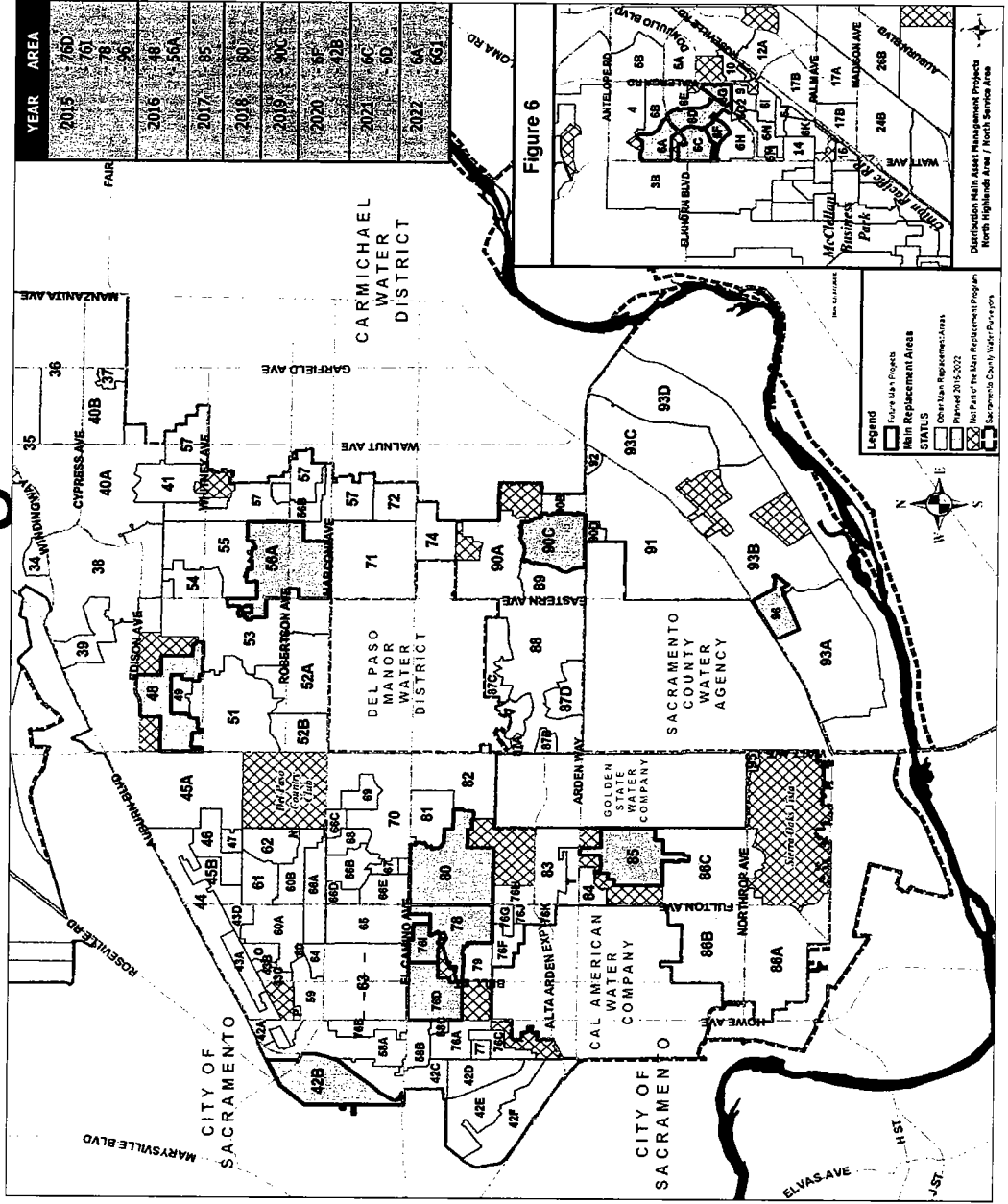
At the January 2015 regular Board meeting, staff presented a Proposition 84 Drought Grant cost sharing agreement with the City of Sacramento (City) to equally share the non-grant funded share of project costs related to the Enterprise Intertie Improvements project. During the discussion, staff informed the Board that the District currently has a water contract with the City for 26,064 acre feet (af) of surface water. Staff also informed the Board that the former Northridge Water District (NWD) had an agreement with the City for 9,032 af of surface water. However, at some point, NWD discontinued paying for the contracted surface water, therefore, terminating the agreement. Director Wichert requested that staff meet with City staff to determine what the District can, or can’t do, to reactivate the agreement for the 9,032 of surface water.

The City has informed District staff that they will be discussing this particular topic as an agenda item for their Water Policy Committee. City staff have committed to reporting back to SSWD after they have an agreed position. District staff will provide Board updates as additional information becomes available.

Replacement Plan Results 2016 - 2022

AREA	RANKING											TOTAL	OVERALL
	MAIN AGE	MAIN LOCATION	LINE SIZE	MAINTENANCE	ODS PIPE	4" & 6" ACP PIPE	MORTAR LINED STEEL	FIRE HYDRANT COVERAGE	% WARP HYDRANTS	FIRE FLOW	RISK FACTORS		
56A	32	1	84	3	14	71	45	95	19	23	9	396	1
48	53	1	140	5	8	93	45	95	43	30	9	522	2
85	57	1	85	10	5	107	45	95	20	24	106	555	3
80	37	1	132	2	11	112	45	95	79	36	9	559	4
76D	90	1	75	29	12	102	45	95	98	51	9	607	5
42B	58	1	101	16	49	45	45	95	80	12	106	608	6
6F	87	1	82	77	56	147	45	11	41	60	9	616	7
96	120	1	16	43	17	50	45	95	84	48	106	625	8
90C	62	1	135	18	10	90	33	95	32	46	106	628	9
6C	55	1	25	62	276	17	45	95	1	57	9	643	10

Future Main Replacement Areas through 2022





Agenda Item: 33

Date: April 10, 2015

Subject: Legislative and Regulatory Update

Staff Contact: Dan York, Assistant General Manager

RWA Government Affairs Committee

The current legislative activity is focused on bills in the policy committees of the house of origin. The RWA Government Affairs Committee, working with the Fernandez Government Solutions legislative lobbyist, is monitoring these revised spot bills, as well as other relevant legislation, to determine what priority to give them and what position should be taken. Currently there are 95 bills of interest on the list, which is attached to this report as Exhibit 1. The Fernandez Government Solutions separated the bills categorically as Groundwater, Water Supply/Drought, Water Planning, Water Quality/Recycled, District Matters, and CEQA and Other Water Related.

State

The water levels in state and federal reservoirs have experienced minimal inflow rates which have maintained the storage levels of both the state and federal water projects. Lake Shasta is at 59% of total capacity and 72% of historical average capacity; Oroville Reservoir is at 51% of total capacity and 66% of historical average capacity; Folsom Lake is at 59% of capacity and 87% of its historical average capacity for this time of year. The snowpack, which typically accounts for about 30 percent of California's water supply, has been declining since the first manual survey of the season, in December 2014. On April 1, during the state's manual snow survey at Phillips Station in the Sierras, Governor Jerry Brown called for mandatory statewide reductions in water use and announced a suite of new state actions to conserve water, increase enforcement of water use restrictions and streamline drought response by state agencies. The April 1 snow survey, considered critical to gauging the snowmelt that will fill the state's reservoirs in summer months, revealed no snow whatsoever at the site. It is the first time since recordings started there 75 years ago that the meadow was void of snow.

The State Water Resources Control Board (SWRCB) has warned the holders of more than 36,000 water rights across the state, including some senior right holders that their rights are likely to be curtailed due to California's ongoing drought and record-low snowpack. In 2014, curtailments affected more than 5,000 water rights, contributing to conditions that led to the fallowing of more than 400,000 acres of farmland and the loss of thousands of agricultural jobs,

a situation that's likely to be even worse this year. While the water right curtailments predominantly affect agriculture, they also apply to water rights held by municipalities and other water users.

The SWRCB circulated on April 2, 2015, what is essentially a pre-notice of water-right curtailments. The SWRCB's notice is attached to this report as Exhibit 2. Consistent with the SWRCB's practice in 2014, it will want written confirmation that diversions have ceased after it issues a water-right curtailment notice.

State Bills of Interest (2015)

Key Bills	Topic	Recommended Position
a. AB 291 (Medina)	CEQA Noticing	Support
b. AB 300 (Alejo)	State Water Policy	Watch
c. AB 311 (Gallagher)	Environmental Quality: Water	Watch
d. AB 356 (Williams)	Oil and Gas: GW Monitoring	Favor
e. AB 434 (Garcia)	Drinking Water: Point of Entry	Favor
f. AB 615 (Rendon)	Community Water Projects	Watch
g. AB 656 (Garcia)	JPA: Mutual Water Companies	Watch
h. AB 954 (Mathis)	Water/Wastewater Grant Pilot Program	Watch
i. AB 957 (Mathis)	WQ, Supply, Infrastructure Improvement	Oppose
j. AB 1071 (Atkins)	Environmental Projects	Watch
k. AB 1077 (Holden)	Open Meetings	Oppose
l. AB 1139 (Perea)	SGMA	Favor
m. AB 1242 (Gray)	GW Basins: Mitigation Measures	Watch
n. AB 1243 (Gray)	GW Recharge: Grants	Watch
o. AB 1244 (Gray)	Water Rights: Irrigation Use	Watch

p. AB 1315 (Alejo)	Water Pollution Prevention Plans	Oppose
q. AB 1325 (Salas)	Delta Smelt	Watch
r. AB 1390 (Alejo)	GW: Adjudication	Oppose
s. AB 1398 (Wilk)	Sustainable Environmental Protection Act	Watch
t. SB 13 (Pavely)	Groundwater	Favor if Amended
u. SB 385 (Hueso)	Chrom 6: Compliance Plan	Support
v. SB 122 (Jackson)	CEQA: Record of Proceedings	Favor if Amended
w. SB 317 (DeLeon)	Safe Neighborhood Parks, Rivers	Favor

Federal

The Bureau of Reclamation's Central Valley Project began water year 2015 (Oct. 1, 2014, to Sept. 30, 2015) with 3.1 million acre-feet of water in six key CVP reservoirs (Shasta, Trinity, Folsom, New Melones, and Millerton reservoirs and the federal share of the joint federal/state San Luis Reservoir). This is less than half of the 15-year average annual carryover of 6.4 million acre-feet and about 2 million acre-feet less than the amount with which the region started Water Year 2014. The Bureau is working closely with stakeholders and partner agencies to determine all possible strategies to help manage the limited water supplies.

Congress wrapped up its 113th session passing several water-related bills of interest. These bills are awaiting President Obama's signature to become laws.

S. 1353, the Cybersecurity Act of 2014 (Rockefeller IV) - Will institute voluntary, industry-led guidelines and best practices for cybersecurity for critical infrastructures, including water.

H.R. 2901, the Senator Paul Simon Water for the World Act (Blumenauer) - Will increase the emphasis on water, sanitation and hygiene-related assistance provided by the U.S. Agency for International Development.

H.R. 4007, the Protecting and Security Chemical Facilities from Terrorist Attacks Act (Meehan) - Reauthorizes the existing CFATS program through 2017 and continues a specific exemption for water utilities. Note that the bill mandates a study of vulnerabilities in the program, which in committee discussions was understood to be the water sector. However, the final bill language says the study is for "covered" facilities, which would seem to exempt again the water sector.

In addition, the Senate passed S. 2785, the Safe and Secure Drinking Water Protection Act, which would mandate that EPA establish a health advisory on microcystins. However, the House did not consider the bill, and EPA is already in the process of establishing such an advisory.

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.

EXHIBIT 1

RWA Bills As of 3/31/2015

1. Groundwater

AB 78 (Mathis R) Groundwater basins.

Current Text: Introduced: 1/5/2015 [pdf](#) [html](#)

Introduced: 1/5/2015

Status: 1/6/2015-From printer. May be heard in committee February 5.

Location: 1/5/2015-A. PRINT

Desk	Policy	Fiscal	Floor	Desk	Policy	Fiscal	Floor	Conf. Conc.	Enrolled	Vetoed	Chaptered
1st House				2nd House							

Summary: Current law requires the Department of Water Resources to categorize each basin or subbasin as high-, medium-, low-, or very low priority and to establish ground water the initial priority for each basin no later than January 31, 2015. This bill would make technical, nonsubstantive changes to this provision.

Notes 1: ACWA: Watch

AB 307 (Mathis R) Graywater: groundwater recharge.

Current Text: Introduced: 2/12/2015 [pdf](#) [html](#)

Introduced: 2/12/2015

Status: 2/13/2015-From printer. May be heard in committee March 15.

Location: 2/12/2015-A. PRINT

Desk	Policy	Fiscal	Floor	Desk	Policy	Fiscal	Floor	Conf. Conc.	Enrolled	Vetoed	Chaptered
1st House				2nd House							

Summary: Would state the intent of the Legislature to enact legislation to explicitly permit the usage of residential, commercial, and industrial graywater for the recharge of a groundwater basin or aquifer.

Notes 1: ACWA: Watch

AB 356 (Williams D) Oil and gas: groundwater monitoring.

Current Text: Amended: 3/17/2015 [pdf](#) [html](#)

Introduced: 2/17/2015

Last Amend: 3/17/2015

Status: 3/18/2015-Re-referred to Com. on NAT. RES.

Location: 3/18/2015-A. NAT. RES.

Desk	Policy	Fiscal	Floor	Desk	Policy	Fiscal	Floor	Conf. Conc.	Enrolled	Vetoed	Chaptered
1st House				2nd House							

Summary: Would authorize the State Oil and Gas Supervisor to require a well operator to implement a monitoring program for belowground oil production tanks and facilities, and disposal and injection wells. Because a failure to comply with this requirement would be a crime, this bill would impose a state-mandated local program. This bill contains other related provisions and other existing laws.

Notes 1: ACWA: Favor

AB 452 (Bigelow R) Water Rights Fund: Groundwater Regulation Subaccount.

Current Text: Introduced: 2/23/2015 [pdf](#) [html](#)

Introduced: 2/23/2015

Status: 3/5/2015-Referred to Com. on W., P., & W.

Location: 3/5/2015-A. W.,P. & W.

Desk	Policy	Fiscal	Floor	Desk	Policy	Fiscal	Floor	Conf. Conc.	Enrolled	Vetoed	Chaptered
1st House				2nd House							

Summary: Would establish the Groundwater Regulation Subaccount in the Water Rights Fund and would provide that moneys in the subaccount are available, upon appropriation by the Legislature, to the State Water Resources Control Board for the purpose of board enforcement of the provisions of the Sustainable Groundwater Management Act. This bill contains other related provisions and other

existing laws.

Notes 1: ACWA: Favor

AB 453

(Bigelow R) Groundwater management.

Current Text: Introduced: 2/23/2015 [pdf](#) [html](#)

Introduced: 2/23/2015

Status: 3/5/2015-Referred to Com. on W., P., & W.

Location: 3/5/2015-A. W.,P. & W.

Desk	Policy	Fiscal	Floor	Desk	Policy	Fiscal	Floor	Conf.	Enrolled	Vetoed	Chaptered
								Conc.			
1st House				2nd House							

Summary: Would authorize, until a groundwater sustainability plan is adopted, a local agency to amend an existing groundwater management plan in furtherance of, and consistent with, the groundwater management plan's objectives.

AB 454

(Bigelow R) Sustainable groundwater management.

Current Text: Introduced: 2/23/2015 [pdf](#) [html](#)

Introduced: 2/23/2015

Status: 3/5/2015-Referred to Com. on W., P., & W.

Location: 3/5/2015-A. W.,P. & W.

Desk	Policy	Fiscal	Floor	Desk	Policy	Fiscal	Floor	Conf.	Enrolled	Vetoed	Chaptered
								Conc.			
1st House				2nd House							

Summary: Would require a high- or medium-priority basin that is not subject to critical conditions of overdraft to be managed under a groundwater sustainability plan or coordinated groundwater sustainability plan by January 31, 2023. This bill contains other related provisions and other existing laws.

Notes 1: ACWA: Watch

AB 455

(Bigelow R) Groundwater sustainability plans: environmental impact reports.

Current Text: Introduced: 2/23/2015 [pdf](#) [html](#)

Introduced: 2/23/2015

Status: 3/5/2015-Referred to Coms. on W., P., & W. and NAT. RES.

Location: 3/5/2015-A. W.,P. & W.

Desk	Policy	Fiscal	Floor	Desk	Policy	Fiscal	Floor	Conf.	Enrolled	Vetoed	Chaptered
								Conc.			
1st House				2nd House							

Summary: Would require the Judicial Council, on or before July 1, 2016, to adopt a rule of court to establish procedures applicable to actions or proceedings brought to attack, review, set aside, void, or annul the certification of an EIR for projects covered by a groundwater sustainability plan that require the actions or proceedings be resolved within 270 days of certification of the record of proceeding. The bill would also prohibit the court from staying or enjoining the construction or operation of the project unless the court makes a certain finding. This bill contains other existing laws.

Notes 1: ACWA: Watch

AB 647

(Eggman D) Beneficial use: diversion of water underground.

Current Text: Introduced: 2/24/2015 [pdf](#) [html](#)

Introduced: 2/24/2015

Status: 3/9/2015-Referred to Com. on W., P., & W.

Location: 3/9/2015-A. W.,P. & W.

Desk	Policy	Fiscal	Floor	Desk	Policy	Fiscal	Floor	Conf.	Enrolled	Vetoed	Chaptered
								Conc.			
1st House				2nd House							

Summary: Would declare that the diversion of water underground constitutes a beneficial use of water for which an appropriation may be made if the diverted water is stored and thereafter applied to beneficial use or if beneficial use of the water, including, but not limited to, protection of water quality or recovery of groundwater levels, is made while the water is underground. This bill would provide that the period for the reversion of a water right does not apply to water being beneficially used in the aquifer or being held in storage for later beneficial use.

Notes 1: ACWA: NYC

AB 936

(Salas D) Groundwater monitoring.

Current Text: Introduced: 2/26/2015 [pdf](#) [html](#)

Introduced: 2/26/2015

Status: 3/16/2015- Referred to Com. on W., P., & W.

Location: 3/16/2015-A. W., P. & W.

Desk	Policy	Fiscal	Floor	Desk	Policy	Fiscal	Floor	Conf. Conc.	Enrolled	Vetoed	Chaptered
1st House				2nd House							

Summary: If there is insufficient interest in establishing a management plan or ground watering association, and the county decides not to perform groundwater monitoring and reporting functions, the Department of Water Resources is required to perform the groundwater monitoring functions. In that event, specified entities with authority to assume groundwater monitoring functions with regard to a basin or subbasin for which the department has assumed those functions are not eligible for a water grant or loan awarded or administered by the state. This bill would create an exception from this eligibility restriction if the entity submits to the department for approval documentation demonstrating the water grant or loan project includes those actions needed to comply with groundwater monitoring functions.

Notes 1: ACWA: Favor

AB 937

(Salas D) Groundwater storage: beneficial use.

Current Text: Amended: 3/26/2015 [pdf](#) [html](#)

Introduced: 2/26/2015

Last Amend: 3/26/2015

Status: 3/26/2015- Referred to Com. on W., P., & W. From committee chair, with author's amendments: Amend, and re-refer to Com. on W., P., & W. Read second time and amended.

Location: 3/26/2015-A. W., P. & W.

Desk	Policy	Fiscal	Floor	Desk	Policy	Fiscal	Floor	Conf. Conc.	Enrolled	Vetoed	Chaptered
1st House				2nd House							

Summary: Would declare that the recharging of a groundwater basin by a local groundwater management agency or a local groundwater sustainability agency for the purposes of repelling saline intrusion or recovering basin groundwater levels and the flowing of waters on lands or other similar means necessary for the accomplishment of groundwater recharge for these purposes, constitutes a beneficial use of water if the recharge is consistent with the local agency's groundwater management plan or groundwater sustainability plan.

Notes 1: ACWA: NYC

AB 938

(Salas D) Groundwater: basin reprioritization: establishment of groundwater sustainability agency.

Current Text: Introduced: 2/26/2015 [pdf](#) [html](#)

Introduced: 2/26/2015

Status: 3/16/2015- Referred to Com. on W., P., & W.

Location: 3/16/2015-A. W., P. & W.

Desk	Policy	Fiscal	Floor	Desk	Policy	Fiscal	Floor	Conf. Conc.	Enrolled	Vetoed	Chaptered
1st House				2nd House							

Summary: The Sustainable Groundwater Management Act requires a local agency, any time the Department of Water Resources changes basin priorities and elevates a basin to a medium- or high-priority basin after January 31, 2015, to either establish a groundwater sustainability agency within 2 years of reprioritization and adopt a groundwater sustainability plan within 5 years of reprioritization, or to submit an alternative to the department that the local agency believes satisfies the objectives of these provisions within 2 years of reprioritization. This bill would impose the requirement to establish a groundwater sustainability agency or submit an alternative after reprioritization on a local agency or combination of local agencies overlying a groundwater basin.

Notes 1: ACWA: Favor

AB 939

(Salas D) Groundwater sustainability agency: financial authority.

Current Text: Introduced: 2/26/2015 [pdf](#) [html](#)

Introduced: 2/26/2015

Status: 3/16/2015-Referred to Com. on W., P., & W.

Location: 3/16/2015-A. W.,P. & W.

Desk	Policy	Fiscal	Floor	Desk	Policy	Fiscal	Floor	Conf. Conc.	Enrolled	Vetoed	Chaptered
1st House				2nd House							

Summary: The Sustainable Groundwater Management Act authorizes a groundwater sustainability agency to impose fees to fund the costs of a groundwater sustainability program and requires a groundwater sustainability agency to hold at least one public meeting prior to imposing or increasing a fee. The act requires, at least 10 days prior to the meeting, a groundwater sustainability agency to make available to the public data upon which the proposed fee is based. This bill would require a groundwater sustainability agency to make the data upon which the proposed fee is based available 20 days prior to the public meeting to impose or increase a fee.

Notes 1: ACWA: Watch

AB 1242 (Gray D) Water quality: impacts on groundwater basins: mitigation measures.

Current Text: Introduced: 2/27/2015 [pdf](#) [html](#)

Introduced: 2/27/2015

Status: 3/23/2015-Referred to Coms. on W., P., & W. and NAT. RES.

Location: 3/23/2015-A. W.,P. & W.

Desk	Policy	Fiscal	Floor	Desk	Policy	Fiscal	Floor	Conf. Conc.	Enrolled	Vetoed	Chaptered
1st House				2nd House							

Summary: Would require the State Water Resources Control Board to take into consideration any applicable groundwater sustainability plan or alternative in formulating state policy for water quality control and adopting or approving a water quality control plan that affects a groundwater basin. This bill contains other related provisions and other existing laws.

Notes 1: ACWA: NYC

AB 1243 (Gray D) Groundwater recharge: grants.

Current Text: Introduced: 2/27/2015 [pdf](#) [html](#)

Introduced: 2/27/2015

Status: 3/23/2015-Referred to Com. on W., P., & W.

Location: 3/23/2015-A. W.,P. & W.

Desk	Policy	Fiscal	Floor	Desk	Policy	Fiscal	Floor	Conf. Conc.	Enrolled	Vetoed	Chaptered
1st House				2nd House							

Summary: Would establish the Groundwater Recharge Grant Fund and would provide that moneys in the fund are available, upon appropriation by the Legislature, to the State Water Resources Control Board to provide grants to local governments and water districts for groundwater recharge infrastructure projects. This bill contains other related provisions and other existing laws.

Notes 1: ACWA: NYC

AB 1390 (Alejo D) Groundwater: adjudication.

Current Text: Amended: 3/26/2015 [pdf](#) [html](#)

Introduced: 2/27/2015

Last Amend: 3/26/2015

Status: 3/26/2015-Referred to Coms. on W., P., & W. and JUD. From committee chair, with author's amendments: Amend, and re-refer to Com. on W., P., & W. Read second time and amended.

Location: 3/26/2015-A. W.,P. & W.

Desk	Policy	Fiscal	Floor	Desk	Policy	Fiscal	Floor	Conf. Conc.	Enrolled	Vetoed	Chaptered
1st House				2nd House							

Summary: Would establish special procedures for adjudication actions, which are defined as actions filed in superior court to determine the rights to extract groundwater within a basin or store water from a basin, as specified. The bill would authorize the court to determine all rights to groundwater in a basin whether based on appropriation, overlying right, or other basis of right. The bill would require these special procedures to govern all adjudication actions except in specified cases not involving allocation of a basin's groundwater supply.

Notes 1: ACWA: NYC

SB 13

(Pavley D) Groundwater.

Current Text: Amended: 2/24/2015 [pdf](#) [html](#)

Introduced: 12/1/2014

Last Amend: 2/24/2015

Status: 3/24/2015-From committee: Do pass and re-refer to Com. on APPR. (Ayes 8. Noes 1.) (March 24). Re-referred to Com. on APPR.

Location: 3/24/2015-S. APPR.

Desk	Policy	Fiscal	Floor	Desk	Policy	Fiscal	Floor	Conf. Conc.	Enrolled	Vetoed	Chaptered
1st House				2nd House							

Summary: Would specify that the State Water Resources Control Board is authorized to designate a high- or medium-priority basin as a probationary basin. This bill would provide a local agency or groundwater sustainability agency 90 or 180 days, as prescribed, to remedy certain deficiencies that caused the board to designate the basin as a probationary basin. This bill would authorize the board to develop an interim plan for certain probationary basins one year after the designation of the basin as a probationary basin. This bill contains other related provisions and other existing laws.

Notes 1: ACWA: Favor

SB 20

(Pavley D) Wells: reports: public availability.

Current Text: Introduced: 12/1/2014 [pdf](#) [html](#)

Introduced: 12/1/2014

Status: 3/27/2015-Set for hearing April 15.

Location: 3/24/2015-S. E.Q.

Desk	Policy	Fiscal	Floor	Desk	Policy	Fiscal	Floor	Conf. Conc.	Enrolled	Vetoed	Chaptered
1st House				2nd House							

Summary: Current law requires a person who digs, bores, or drills a water well, cathodic protection well, or a monitoring well, or abandons or destroys a well, or deepens or re-perforates a well, to file a report of completion with the Department of Water Resources. Current law prohibits those reports from being made available to the public, except under certain circumstances. This bill would instead require the department to, upon request, make the reports available to the public. The bill would require the department to provide specified disclaimers when providing the reports to the public.

Notes 1: ACWA: Watch

SB 173

(Nielsen R) Groundwater: de minimis extractors.

Current Text: Introduced: 2/5/2015 [pdf](#) [html](#)

Introduced: 2/5/2015

Status: 3/24/2015-March 24 set for first hearing. Failed passage in committee. (Ayes 2. Noes 7.) Reconsideration granted.

Location: 3/24/2015-S. N.R. & W.

Desk	Policy	Fiscal	Floor	Desk	Policy	Fiscal	Floor	Conf. Conc.	Enrolled	Vetoed	Chaptered
1st House				2nd House							

Summary: Current law generally exempts a de minimis extractor from the requirement that a person who extracts groundwater from a probationary basin, as prescribed, or extracts groundwater on or after July 1, 2017, in an area within a basin that is not within the management area of a groundwater sustainability agency and where the county does not assume responsibility to be the groundwater sustainability agency has to file a report of groundwater extraction by December 15 of each year for extractions made in the preceding water year with the State Water Resources Control Board. This bill would define a de minimis extractor for the purposes of these provisions as a person who extracts, for domestic purposes, 10 acre-feet or less per year.

Notes 1: ACWA: Not Favor Unless Amended

SB 226

(Pavley D) Sustainable Groundwater Management Act: groundwater rights.

Current Text: Introduced: 2/13/2015 [pdf](#) [html](#)

Introduced: 2/13/2015

Status: 3/26/2015-Set for hearing April 14.

Location: 2/26/2015-S. N.R. & W.

Desk	Policy	Fiscal	Floor	Desk	Policy	Fiscal	Floor	Conf. Conc.	Enrolled	Vetoed	Chaptered
1st House				2nd House							

Summary: Would provide, under the Sustainable Groundwater Management Act, that a groundwater sustainability plan or coordinated groundwater sustainability plans establishes a timely method for determining rights to groundwater in furtherance of the objectives of the act. This bill would require the process to be available to any court of competent jurisdiction. This bill would require the boundaries of a basin to be as identified in Bulletin 118, unless other basin boundaries are established, as specified.

Notes 1: ACWA: Watch

SB 228 (Cannella R) Groundwater storage: beneficial use.

Current Text: Introduced: 2/13/2015 [pdf](#) [html](#)

Introduced: 2/13/2015

Status: 3/18/2015-Set for hearing April 14.

Location: 2/26/2015-S. N.R. & W.

Desk	Policy	Fiscal	Floor	Desk	Policy	Fiscal	Floor	Conf. Conc.	Enrolled	Vetoed	Chaptered
1st House				2nd House							

Summary: Would declare that the recharging of a groundwater basin by a local groundwater management agency or a local groundwater sustainability agency for the purposes of repelling saline intrusion and recovering basin groundwater levels constitutes a beneficial use of water if the recharge is consistent with the local agency's groundwater management plan or groundwater sustainability plan.

Notes 1: ACWA: Watch

SB 487 (Nielsen R) Sustainable Groundwater Management Act: California Environmental Quality Act: exemptions.

Current Text: Introduced: 2/26/2015 [pdf](#) [html](#)

Introduced: 2/26/2015

Status: 3/17/2015-Set for hearing April 15.

Location: 3/12/2015-S. E.Q.

Desk	Policy	Fiscal	Floor	Desk	Policy	Fiscal	Floor	Conf. Conc.	Enrolled	Vetoed	Chaptered
1st House				2nd House							

Summary: Would exempt from the requirements of CEQA the formation of a groundwater sustainability agency, the amendment of a groundwater sustainability plan or coordinated groundwater sustainability plan, and the implementation of those plans, except to the extent that the implementation requires the construction or installation of a new facility. Because a lead agency would be required to determine the applicability of this exemption, this bill would impose a state-mandated local program. This bill contains other related provisions and other existing laws.

Notes 1: ACWA: Favor

SB 568 (Fuller R) Groundwater management.

Current Text: Introduced: 2/26/2015 [pdf](#) [html](#)

Introduced: 2/26/2015

Status: 3/12/2015-Referred to Com. on RLS.

Location: 3/12/2015-S. RLS.

Desk	Policy	Fiscal	Floor	Desk	Policy	Fiscal	Floor	Conf. Conc.	Enrolled	Vetoed	Chaptered
1st House				2nd House							

Summary: Would declare the intent of the Legislature to enact legislation relating to the Sustainable Groundwater Management Act.

Notes 1: ACWA: NYC

SB 615 (Berryhill R) Groundwater basin adjudication.

Current Text: Introduced: 2/27/2015 [pdf](#) [html](#)

Introduced: 2/27/2015

Status: 3/12/2015-Referred to Com. on RLS.

Location: 3/12/2015-S. RLS.

Desk	Policy	Fiscal	Floor	Desk	Policy	Fiscal	Floor	Conf. Conc.	Enrolled	Vetoed	Chaptered	
1st House				2nd House								

Summary: Current law specifies the jurisdiction of the courts. Under current law, courts may adjudicate rights to produce groundwater and exercise other powers relating to the supervision of a groundwater basin. This bill would state the intent of the Legislature to enact legislation to streamline the process for the adjudication of groundwater rights.

Notes 1: ACWA: NYC

2. Water Supply/Drought

AB 1

(Brown D) Drought: local governments: fines.

Current Text: Introduced: 12/1/2014 [pdf](#) [html](#)

Introduced: 12/1/2014

Status: 1/16/2015-Referred to Com. on L. GOV.

Location: 1/16/2015-A. L. GOV.

Desk	Policy	Fiscal	Floor	Desk	Policy	Fiscal	Floor	Conf. Conc.	Enrolled	Vetoed	Chaptered	
1st House				2nd House								

Summary: Would prohibit a city, county, or city and county from imposing a fine under any local maintenance ordinance or other relevant ordinance for a failure to water a lawn or having a brown lawn during a period for which the Governor has issued a proclamation of a state of emergency based on drought conditions.

Notes 1: ACWA: Watch

AB 478

(Harper R) Desalination.

Current Text: Introduced: 2/23/2015 [pdf](#) [html](#)

Introduced: 2/23/2015

Status: 2/24/2015-From printer. May be heard in committee March 26.

Location: 2/23/2015-A. PRINT

Desk	Policy	Fiscal	Floor	Desk	Policy	Fiscal	Floor	Conf. Conc.	Enrolled	Vetoed	Chaptered	
1st House				2nd House								

Summary: Current law provides that it is the intention of the Legislature that the Department of Water Resources shall undertake to find economic and efficient methods of desalting saline water so that desalted water may be made available to help meet the growing water requirements of the state. This bill would make a nonsubstantive change in these provisions.

Notes 1: ACWA: NYC

AB 603

(Salas D) Income taxes: turf removal tax credit.

Current Text: Introduced: 2/24/2015 [pdf](#) [html](#)

Introduced: 2/24/2015

Status: 3/9/2015-Referred to Com. on REV. & TAX.

Location: 3/9/2015-A. REV. & TAX

Desk	Policy	Fiscal	Floor	Desk	Policy	Fiscal	Floor	Conf. Conc.	Enrolled	Vetoed	Chaptered	
1st House				2nd House								

Summary: Would, under Personal Income Tax Law and the Corporation Tax Law, for taxable years beginning on and after January 1, 2015, allow a credit to a taxpayer participating in a lawn replacement program, as defined, in an amount equal to \$2 per square foot of conventional lawn removed from the taxpayer's property. The bill would make findings and declarations in this regard. This bill contains other related provisions.

Notes 1: ACWA: Favor

AB 606

(Levine D) Water conservation.

Current Text: Introduced: 2/24/2015 [pdf](#) [html](#)

Introduced: 2/24/2015

Status: 3/9/2015-Referred to Com. on A. & A.R.

Location: 3/9/2015-A. A. & A.R.

Desk	Policy	Fiscal	Floor	Desk	Policy	Fiscal	Floor	Conf.	Enrolled	Vetoed	Chaptered	
1st House				2nd House				Conc.				

Summary: Would require the Department of General Services to identify each public property added to the department's state property inventory beginning January 1, 2015, where it is feasible for water consumption to be reduced and water efficiencies to be achieved through replacement of landscaping, irrigation timers, or spray sprinkler heads, or any combination thereof, and would require the appropriate replacements where feasible, except as specified.

Notes 1: ACWA: Favor

AB 617

(Perea D) Groundwater.

Current Text: Amended: 3/26/2015 [pdf](#) [html](#)

Introduced: 2/24/2015

Last Amend: 3/26/2015

Status: 3/26/2015-Referred to Com. on W., P., & W. From committee chair, with author's amendments: Amend, and re-refer to Com. on W., P., & W. Read second time and amended.

Location: 3/26/2015-A. W.,P. & W.

Desk	Policy	Fiscal	Floor	Desk	Policy	Fiscal	Floor	Conf.	Enrolled	Vetoed	Chaptered	
1st House				2nd House				Conc.				

Summary: Would authorize a combination of one or more local agencies and one or more mutual water companies to enter into an agreement to form a groundwater sustainability agency and would authorize a groundwater sustainability agency formed by a joint powers agreement to exercise the powers granted in the Sustainable Groundwater Management Act.

Notes 1: ACWA: NYC

AB 723

(Rendon D) Plumbing fixtures: WaterSense standards.

Current Text: Introduced: 2/25/2015 [pdf](#) [html](#)

Introduced: 2/25/2015

Status: 3/12/2015-Referred to Com. on H. & C.D.

Location: 3/12/2015-A. H. & C.D.

Desk	Policy	Fiscal	Floor	Desk	Policy	Fiscal	Floor	Conf.	Enrolled	Vetoed	Chaptered	
1st House				2nd House				Conc.				

Summary: Would, beginning January 1, 2017, prohibit manufacturers selling water closets, urinals, bathroom faucets, and shower heads from installing or selling any of the aforementioned plumbing fixtures that do not meet WaterSense standards set by the federal Environmental Protection Agency, as specified. The bill would require these manufacturers, by January 30 of each year, to inform, in writing, the California Energy Commission, the department, and the California Building Standards Commission of the number of WaterSense certified models it is offering for sale that year as compared to the years 2010 to 2014, inclusive.

Notes 1: ACWA: NYC

AB 1128

(Jones-Sawyer D) Water conservation.

Current Text: Introduced: 2/27/2015 [pdf](#) [html](#)

Introduced: 2/27/2015

Status: 3/2/2015-Read first time.

Location: 2/27/2015-A. PRINT

Desk	Policy	Fiscal	Floor	Desk	Policy	Fiscal	Floor	Conf.	Enrolled	Vetoed	Chaptered	
1st House				2nd House				Conc.				

Summary: Current law declares the intent of the Legislature to, among other things, promote urban water conservation standards that are consistent with the California Urban Water Conservation Council's adopted best management practices and specified requirements for demand management. This bill would make nonsubstantive changes to these findings and declarations.

Notes 1: ACWA: NYC

SB 553 (Wolk D) Water conservation.

Current Text: Introduced: 2/26/2015 [pdf](#) [html](#)

Introduced: 2/26/2015

Status: 3/12/2015-Referred to Com. on G.O.

Location: 3/12/2015-S. G.O.

Desk	Policy	Fiscal	Floor	Desk	Policy	Fiscal	Floor	Conf.	Enrolled	Vetoed	Chaptered
1st House				2nd House				Conc.			

Summary: Would require the Department of General Services to identify each public property in the department's state property inventory where it is feasible for water consumption to be reduced and water efficiencies to be achieved through implementation of the relevant recommendations made in the model water efficient landscape ordinance and would require the department to implement the relevant recommendations where feasible, except as specified. This bill contains other existing laws.

Notes 1: ACWA: Favor

SB 768 (Wieckowski D) Water-conserving plumbing fixtures.

Current Text: Introduced: 2/27/2015 [pdf](#) [html](#)

Introduced: 2/27/2015

Status: 3/19/2015-Referred to Com. on RLS.

Location: 3/19/2015-S. RLS.

Desk	Policy	Fiscal	Floor	Desk	Policy	Fiscal	Floor	Conf.	Enrolled	Vetoed	Chaptered
1st House				2nd House				Conc.			

Summary: Current law requires the replacement of plumbing fixtures that are not water conserving, as 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 provides findings and declarations regarding these requirements, including that there is a pressing need to address water supply reliability issues caused by growing urban areas. This bill would make technical, nonsubstantive changes to these findings and declarations.

Notes 1: ACWA: NYC

3. Water Planning

AB 149 (Chávez R) Urban water management plans.

Current Text: Introduced: 1/15/2015 [pdf](#) [html](#)

Introduced: 1/15/2015

Status: 2/2/2015-Referred to Com. on W., P., & W.

Location: 2/2/2015-A. W., P. & W.

Desk	Policy	Fiscal	Floor	Desk	Policy	Fiscal	Floor	Conf.	Enrolled	Vetoed	Chaptered
1st House				2nd House				Conc.			

Summary: The Urban Water Management Planning Act requires an urban water supplier to submit to the Department of Water Resources a copy of its urban water management plan and requires the department to prepare and submit to the Legislature, on or before December 31, in the years ending in 6 and 1, a report summarizing the status of plans adopted pursuant to the act. This bill, commencing January 1, 2017, would instead require an urban water supplier to update its plan at least once every 5 years on or before December 31 in years ending in 6 and one. The bill would instead require the department to submit its report to the Legislature, on or before December 31, in years ending in 7 and two.

Notes 1: ACWA: Favor

AB 153 (Bigelow R) Integrated regional water management planning.

Current Text: Introduced: 1/15/2015 [pdf](#) [html](#)

Introduced: 1/15/2015

Status: 1/16/2015-From printer. May be heard in committee February 15.

Location: 1/15/2015-A. PRINT

Desk	Policy	Fiscal	Floor	Desk	Policy	Fiscal	Floor	Conf. Conc.	Enrolled	Vetoed	Chaptered
1st House				2nd House							

Summary: Current law authorizes a regional water management group to prepare and adopt an integrated regional water management plan with specified components. This bill would make a technical, nonsubstantive change to that provision.

Notes 1: ACWA: Watch

AB 935

(Salas D) Integrated Regional Water Management Plans: conveyance projects: grants and expenditures.

Current Text: Amended: 3/26/2015 [pdf](#) [html](#)

Introduced: 2/26/2015

Last Amend: 3/26/2015

Status: 3/26/2015-Referred to Com. on W., P., & W. From committee chair, with author's amendments: Amend, and re-refer to Com. on W., P., & W. Read second time and amended.

Location: 3/26/2015-A. W.,P. & W.

Desk	Policy	Fiscal	Floor	Desk	Policy	Fiscal	Floor	Conf. Conc.	Enrolled	Vetoed	Chaptered
1st House				2nd House							

Summary: Would require the Department of Water Resources to provide grants and expenditures, consistent with an integrated regional water management plan, for the planning, design, and construction of local and regional conveyance projects that support regional and interregional connectivity and water management and provide certain benefits. The bill would authorize the department to adopt regulations to implement these provisions.

Notes 1: ACWA: NYC

SB 208

(Lara D) Integrated regional water management plans: grants: advanced payment.

Current Text: Introduced: 2/11/2015 [pdf](#) [html](#)

Introduced: 2/11/2015

Status: 3/27/2015-Set for hearing April 15.

Location: 3/24/2015-S. E.Q.

Desk	Policy	Fiscal	Floor	Desk	Policy	Fiscal	Floor	Conf. Conc.	Enrolled	Vetoed	Chaptered
1st House				2nd House							

Summary: Would require a regional water management group, within 90 days of notice that a grant has been awarded, to provide the state entity administering the grant with a list of projects to be funded by the grant funds where the project proponent is a nonprofit organization, as defined, or a disadvantaged community, as defined, or the project benefits a disadvantaged community. This bill contains other existing laws.

Notes 1: ACWA: Favor IF Amended

4. Water Quality/Recycled

AB 434

(Garcia, Eduardo D) Drinking water: point-of-entry and point-of-use treatment.

Current Text: Amended: 3/19/2015 [pdf](#) [html](#)

Introduced: 2/19/2015

Last Amend: 3/19/2015

Status: 3/23/2015-Re-referred to Com. on E.S. & T.M.

Location: 3/23/2015-A. E.S. & T.M.

Desk	Policy	Fiscal	Floor	Desk	Policy	Fiscal	Floor	Conf. Conc.	Enrolled	Vetoed	Chaptered
1st House				2nd House							

Summary: Would require the State Water Resources Control Board to adopt regulations governing the use of point-of-entry and point-of-use treatment by public water systems in lieu of centralized treatment where it can be demonstrated that centralized treatment is not immediately economically feasible, with specified limitations. The bill would exempt the regulations from the Administrative Procedure Act and would require that the regulations and any amendments to the regulations remain in effect until revised by the state board. This bill contains other related provisions.

Notes 1: ACWA: Favor

AB 639 (Dahle R) Water quality: organization and membership of regional boards.

Current Text: Introduced: 2/24/2015 [pdf](#) [html](#)

Introduced: 2/24/2015

Status: 2/25/2015-From printer. May be heard in committee March 27.

Location: 2/24/2015-A. PRINT

Desk	Policy	Fiscal	Floor	Desk	Policy	Fiscal	Floor	Conf.	Enrolled	Vetoed	Chaptered
1st House				2nd House				Conc.			

Summary: The Porter-Cologne Water Quality Control Act requires regional boards to consist of 7 members appointed by the Governor, 6 of them on the basis of demonstrated interest or proven ability in the field of water quality and one as a public member not specifically associated with any enumerated qualification. This bill would make nonsubstantive changes to these provisions.

Notes 1: ACWA: NYC

AB 725 (Wagner R) Water quality: recycled water: storm-induced overflow.

Current Text: Amended: 3/26/2015 [pdf](#) [html](#)

Introduced: 2/25/2015

Last Amend: 3/26/2015

Status: 3/26/2015-Referred to Com. on W., P., & W. From committee chair, with author's amendments: Amend, and re-refer to Com. on W., P., & W. Read second time and amended.

Location: 3/26/2015-A. W.,P. & W.

Desk	Policy	Fiscal	Floor	Desk	Policy	Fiscal	Floor	Conf.	Enrolled	Vetoed	Chaptered
1st House				2nd House				Conc.			

Summary: Would, on or before December 31, 2016, require the State Water Resources Control Board, in consultation with stakeholders, to adopt a policy to address the potential for a storm-induced overflow from an impoundment in which recycled water is stored for subsequent beneficial use or aesthetic purposes.

Notes 1: ACWA: NYC

AB 977 (Mayes R) State Water Pollution Control Revolving Fund.

Current Text: Amended: 3/26/2015 [pdf](#) [html](#)

Introduced: 2/26/2015

Last Amend: 3/26/2015

Status: 3/26/2015-Referred to Com. on E.S. & T.M. From committee chair, with author's amendments: Amend, and re-refer to Com. on E.S. & T.M. Read second time and amended.

Location: 3/26/2015-A. E.S. & T.M.

Desk	Policy	Fiscal	Floor	Desk	Policy	Fiscal	Floor	Conf.	Enrolled	Vetoed	Chaptered
1st House				2nd House				Conc.			

Summary: Current law continuously appropriates state and federal funds in the State Water Pollution Control Revolving Fund to the State Water Resources Control Board for loans and other financial assistance for the construction of publicly owned treatment works and other related purposes, to a municipality, intermunicipal agency, interstate agency, or state agency in accordance with the federal Clean Water Act and the Porter-Cologne Water Quality Control Act. Current law requires the loans to meet certain criteria, including requiring full amortization not later than 20 years after project completion, except as specified. This bill would, subject to the same exception, require full amortization not later than 30 years after project completion.

Notes 1: ACWA: NYC

AB 1201 (Salas D) Delta Stewardship Council.

Current Text: Amended: 3/26/2015 [pdf](#) [html](#)

Introduced: 2/27/2015

Last Amend: 3/26/2015

Status: 3/26/2015-Referred to Com. on W., P., & W. From committee chair, with author's amendments: Amend, and re-refer to Com. on W., P., & W. Read second time and amended.

Location: 3/26/2015-A. W.,P. & W.

Desk	Policy	Fiscal	Floor	Desk	Policy	Fiscal	Floor	Conf.	Enrolled	Vetoed	Chaptered
1st House				2nd House				Conf. Conc.			

Summary: Would require the Delta Stewardship Council, in the course of implementing the Delta Plan, to direct the Delta Independent Science Board to conduct an assessment of stressors, in addition to the operations of the State Water Resources Development System and the federal Central Valley Project, on populations of native fish species in the Delta, the Sacramento and San Joaquin rivers, and the tributaries to those rivers below the rim dams of the central valley, containing specified information, and to recommend changes in statute and actions that may be taken by state agencies to remedy the situation at the earliest possible time.

Notes 1: ACWA: NYC

AB 1454 (Wagner R) State policy for water quality control: California Ocean Plan.

Current Text: Amended: 3/26/2015 [pdf](#) [html](#)

Introduced: 2/27/2015

Last Amend: 3/26/2015

Status: 3/26/2015-Referred to Com. on W., P., & W. From committee chair, with author's amendments: Amend, and re-refer to Com. on W., P., & W. Read second time and amended.

Location: 3/26/2015-A. W., P. & W.

Desk	Policy	Fiscal	Floor	Desk	Policy	Fiscal	Floor	Conf.	Enrolled	Vetoed	Chaptered
1st House				2nd House				Conf. Conc.			

Summary: The Porter-Cologne Water Quality Control Act requires the State Water Resources Control Board to formulate and adopt a water quality control plan for ocean waters of the state, which is known as the California Ocean Plan, and requires the plan to be reviewed at least every 3 years. This bill would instead require the plan to be reviewed at least every 4 years.

Notes 1: ACWA: NYC

SB 385 (Hueso D) Primary drinking water standards: variances: hexavalent chromium.

Current Text: Introduced: 2/24/2015 [pdf](#) [html](#)

Introduced: 2/24/2015

Status: 3/17/2015-Set for hearing April 15.

Location: 3/12/2015-S. E.Q.

Desk	Policy	Fiscal	Floor	Desk	Policy	Fiscal	Floor	Conf.	Enrolled	Vetoed	Chaptered
1st House				2nd House				Conf. Conc.			

Summary: Would authorize, until January 1, 2020, the State Water Resources Control Board, at the request of a public water system, to grant a variance from the primary drinking water standard for hexavalent chromium if the public water system prepares and submits a compliance plan, the state board approves the compliance plan, the public water system provides specified notice requirements regarding the compliance plan to its customers, and the public water system sends annual reports to the state board that updates the status of the approved compliance plan.

Notes 1: ACWA: Support

SB 454 (Allen D) Water quality: minor violations.

Current Text: Introduced: 2/25/2015 [pdf](#) [html](#)

Introduced: 2/25/2015

Status: 3/5/2015-Referred to Com. on RLS.

Location: 3/5/2015-S. RLS.

Desk	Policy	Fiscal	Floor	Desk	Policy	Fiscal	Floor	Conf.	Enrolled	Vetoed	Chaptered
1st House				2nd House				Conf. Conc.			

Summary: The Porter-Cologne Water Quality Control Act authorizes the State Water Resources Control Board and the California regional water quality control boards to conduct inspections for violations of specified law. The act requires the state board and the regional boards to determine the types of violations that are minor violations and requires the state board to adopt regulations or state policy for water quality, as prescribed. This bill would make nonsubstantive changes to the provision relating to minor violations.

Notes 1: ACWA: NYC

SB 552 (Wolk D) Public water systems: disadvantaged communities: drinking water standards.

Current Text: Introduced: 2/26/2015 [pdf](#) [html](#)

Introduced: 2/26/2015

Status: 3/17/2015-Set for hearing April 15.

Location: 3/12/2015-S. E.Q.

Desk	Policy	Fiscal	Floor	Desk	Policy	Fiscal	Floor	Conf.	Enrolled	Vetoed	Chaptered
								Conc.			
1st House				2nd House							

Summary: Would require, by January 1, 2017, the State Water Resources Control Board to develop a plan, including enforcement mechanisms, to ensure that disadvantaged communities have water systems that are in compliance with state and federal drinking water standards. The bill would require the plan to identify strategies to help bring disadvantaged communities into compliance with safe drinking water standards.

Notes 1: ACWA: Watch

5. District Matters

AB 10 (Gatto D) Political Reform Act of 1974: economic interest disclosures.

Current Text: Introduced: 12/1/2014 [pdf](#) [html](#)

Introduced: 12/1/2014

Status: 1/16/2015-Referred to Com. on E. & R.

Location: 1/16/2015-A. E. & R.

Desk	Policy	Fiscal	Floor	Desk	Policy	Fiscal	Floor	Conf.	Enrolled	Vetoed	Chaptered
								Conc.			
1st House				2nd House							

Summary: Would increase the thresholds at which a public official has a disqualifying financial interest in sources of income from \$500 to \$1,000, in investments in business entities from \$2,000 to \$5,000, and in interests in real property from \$2,000 to \$10,000. This bill contains other related provisions and other existing laws.

Notes 1: ACWA: Favor

AB 85 (Wilk R) Open meetings.

Current Text: Introduced: 1/6/2015 [pdf](#) [html](#)

Introduced: 1/6/2015

Status: 1/26/2015-Referred to Com. on G.O.

Location: 1/26/2015-A. G.O.

Desk	Policy	Fiscal	Floor	Desk	Policy	Fiscal	Floor	Conf.	Enrolled	Vetoed	Chaptered
								Conc.			
1st House				2nd House							

Summary: Would, under the Bagley-Keene Open Meeting Act, specify that the definition of "state body" includes an advisory board, advisory commission, advisory committee, advisory subcommittee, or similar multimember advisory body of a state body that consists of 3 or more individuals, as prescribed, except a board, commission, committee, or similar multimember body on which a member of a body serves in his or her official capacity as a representative of that state body and that is supported, in whole or in part, by funds provided by the state body, whether the multimember body is organized and operated by the state body or by a private corporation. This bill contains other related provisions.

AB 237 (Daly D) Local governments: parcel taxes: notice.

Current Text: Introduced: 2/5/2015 [pdf](#) [html](#)

Introduced: 2/5/2015

Status: 2/17/2015-Referred to Com. on L. GOV.

Location: 2/17/2015-A. L. GOV.

Desk	Policy	Fiscal	Floor	Desk	Policy	Fiscal	Floor	Conf.	Enrolled	Vetoed	Chaptered
								Conc.			
1st House				2nd House							

Summary: Would require, before the adoption of any new parcel tax, the legislative body of a local agency, as defined, to provide at least 90 days' notice of the vote to enact the proposed parcel tax to the owner of each parcel affected by the tax. This bill would require the notice to include specified information and to be provided to the property owner in a specified manner. This bill would provide

that the local agency may recover the reasonable costs of the notice from the proceeds of the parcel tax.

Notes 1: ACWA: Watch

AB 308

(Mathis R) Graywater: agricultural use.

Current Text: Introduced: 2/12/2015 [pdf](#) [html](#)

Introduced: 2/12/2015

Status: 2/13/2015-From printer. May be heard in committee March 15.

Location: 2/12/2015-A. PRINT

Desk	Policy	Fiscal	Floor	Desk	Policy	Fiscal	Floor	Conf.	Enrolled	Vetoed	Chaptered
								Conc.			
1st House				2nd House							

Summary: Would state the intent of the Legislature to enact legislation to explicitly permit incorporated and unincorporated communities to sell graywater for agricultural purposes and agriculture to use graywater for agricultural purposes.

Notes 1: ACWA: NYC

AB 401

(Dodd D) Low-Income Water Rate Assistance Program.

Current Text: Introduced: 2/19/2015 [pdf](#) [html](#)

Introduced: 2/19/2015

Status: 3/24/2015-From committee: Do pass and re-refer to Com. on APPR. (Ayes 9. Noes 3.) (March 23). Re-referred to Com. on APPR.

Location: 3/24/2015-A. APPR.

Desk	Policy	Fiscal	Floor	Desk	Policy	Fiscal	Floor	Conf.	Enrolled	Vetoed	Chaptered
								Conc.			
1st House				2nd House							

Summary: Would require the Department of Community Services and Development, no later than January 1, 2017, in collaboration with the State Board of Equalization and relevant stakeholders, to develop a plan for the funding and implementation of the Low-Income Water Rate Assistance Program, which would include specified elements. The bill would require the department, no later than January 1, 2017, to report to the Legislature on its findings regarding the feasibility and desired structure of the program, including any recommendations for legislative action that may need to be taken. This bill contains other existing laws.

Notes 1: ACWA: Watch

AB 435

(Chang R) California Environmental Protection Agency: Natural Resources Agency: Web casts of public meetings and workshops.

Current Text: Amended: 3/18/2015 [pdf](#) [html](#)

Introduced: 2/19/2015

Last Amend: 3/18/2015

Status: 3/25/2015-From committee: Do pass and re-refer to Com. on APPR. (Ayes 9. Noes 0.) (March 25). Re-referred to Com. on APPR.

Location: 3/25/2015-A. APPR.

Desk	Policy	Fiscal	Floor	Desk	Policy	Fiscal	Floor	Conf.	Enrolled	Vetoed	Chaptered
								Conc.			
1st House				2nd House							

Summary: Would require that each department, board, and commission of the Natural Resources Agency and each department, board, and office of the California Environmental Protection Agency Web cast all public meetings and workshops, in a manner that enables listeners and viewers to ask questions and provide public comment by telephone or electronic communication commensurate with those attending the meeting or workshop. The bill would require the agencies to archive the recording of a Web cast for subsequent reasonable viewing by interested members of the public.

Notes 1: ACWA: Watch

AB 541

(Dahle R) Big Valley Watermaster District Act.

Current Text: Introduced: 2/23/2015 [pdf](#) [html](#)

Introduced: 2/23/2015

Status: 3/5/2015-Referred to Com. on L. GOV.

Location: 3/5/2015-A. L. GOV.

Desk	Policy	Fiscal	Floor	Desk	Policy	Fiscal	Floor	Conf.	Enrolled	Vetoed	Chaptered
								Conc.			
1st House				2nd House							

Summary: Would create a watermaster district with unspecified boundaries within the Counties of Lassen and Modoc to be known as the Big Valley Watermaster District. The bill would generally specify the powers and purposes of the district. The bill would prescribe the composition of the board of directors of the district. The bill would require the district to provide watermaster service on behalf of water right holders whose place of use under an appointed decree, as defined, is a parcel of real property within the district.

AB 656 (Garcia, Cristina D) Joint powers agreements: mutual water companies.

Current Text: Introduced: 2/24/2015 [pdf](#) [html](#)

Introduced: 2/24/2015

Status: 3/9/2015-Referred to Com. on L. GOV.

Location: 3/9/2015-A. L. GOV.

Desk	Policy	Fiscal	Floor	Desk	Policy	Fiscal	Floor	Conf.	Enrolled	Vetoed	Chaptered
								Conc.			
1st House				2nd House							

Summary: Current law authorizes local public entities, as defined, to enter into a joint powers agreement for the purposes of providing risk-pooling, as specified. This bill would specifically authorize 2 or more mutual water companies, or 2 or more mutual water companies and one or more public agencies that operate a public water system, to participate in joint powers agreement for risk-pooling, technical support, and other similar services.

Notes 1: ACWA: NYC

AB 1047 (Bigelow R) Dams and reservoirs: fees.

Current Text: Introduced: 2/26/2015 [pdf](#) [html](#)

Introduced: 2/26/2015

Status: 2/27/2015-From printer. May be heard in committee March 29.

Location: 2/26/2015-A. PRINT

Desk	Policy	Fiscal	Floor	Desk	Policy	Fiscal	Floor	Conf.	Enrolled	Vetoed	Chaptered
								Conc.			
1st House				2nd House							

Summary: Current law requires the Department of Water Resources to adopt, by regulation, a schedule of fees to cover the department's costs in carrying out the supervision of dam safety. This bill would make nonsubstantive changes in those provisions.

Notes 1: ACWA: NYC

AB 1061 (Gallagher R) Sacramento and San Joaquin Drainage District: powers.

Current Text: Introduced: 2/26/2015 [pdf](#) [html](#)

Introduced: 2/26/2015

Status: 3/19/2015-Referred to Com. on L. GOV.

Location: 3/19/2015-A. L. GOV.

Desk	Policy	Fiscal	Floor	Desk	Policy	Fiscal	Floor	Conf.	Enrolled	Vetoed	Chaptered
								Conc.			
1st House				2nd House							

Summary: Would authorize the Sacramento and San Joaquin Drainage District to sell, lease, or rent, or otherwise dispose of a right of way, easement, or property, as specified, and to take, receive, and apply for purposes of flood control the income, profit, and revenue received from the sale, lease, rental, or other disposal. By adding a new source of revenue to a continuously appropriated fund, this bill would make an appropriation. This bill contains other related provisions and other existing laws.

Notes 1: ACWA: Favor

AB 1077 (Holden D) Mutual water companies: open meetings.

Current Text: Introduced: 2/27/2015 [pdf](#) [html](#)

Introduced: 2/27/2015

Status: 3/19/2015-Referred to Com. on L. GOV.

Location: 3/19/2015-A. L. GOV.

Desk	Policy	Fiscal	Floor	Desk	Policy	Fiscal	Floor	Conf. Conc.	Enrolled	Vetoed	Chaptered
1st House				2nd House							

Summary: Would prohibit a mutual water company from meeting solely in an executive session without holding a meeting. The bill would require a board of directors of a mutual water company to allow an eligible person to personally attend a meeting of the board, if the eligible person gave the board at least 24 hours advance written notice of his or her intent to personally attend the meeting. This bill contains other existing laws.

Notes 1: ACWA: NYC

AB 1139 (Campos D) Personal income taxes: credit: turf removal.

Current Text: Amended: 3/26/2015 [pdf](#) [html](#)

Introduced: 2/27/2015

Last Amend: 3/26/2015

Status: 3/26/2015-Referred to Com. on REV. & TAX. From committee chair, with author's amendments: Amend, and re-refer to Com. on REV. & TAX. Read second time and amended.

Location: 3/26/2015-A. REV. & TAX

Desk	Policy	Fiscal	Floor	Desk	Policy	Fiscal	Floor	Conf. Conc.	Enrolled	Vetoed	Chaptered
1st House				2nd House							

Summary: The Personal Income Tax Law allows various credits against the taxes imposed by that law. This bill would, for taxable years beginning on and after January 1, 2015, allow a credit to a taxpayer participating in a lawn replacement program, as defined, in an amount equal to \$2 per square foot of conventional lawn removed from the taxpayer's property, up to \$50,000 per taxable year, as provided. The bill would make findings and declarations in this regard.

Notes 1: ACWA: NYC

AB 1173 (Williams D) Water equipment: backflow prevention devices testing: certification.

Current Text: Amended: 3/26/2015 [pdf](#) [html](#)

Introduced: 2/27/2015

Last Amend: 3/26/2015

Status: 3/26/2015-Referred to Com. on E.S. & T.M. From committee chair, with author's amendments: Amend, and re-refer to Com. on E.S. & T.M. Read second time and amended.

Location: 3/26/2015-A. E.S. & T.M.

Desk	Policy	Fiscal	Floor	Desk	Policy	Fiscal	Floor	Conf. Conc.	Enrolled	Vetoed	Chaptered
1st House				2nd House							

Summary: Would require, if a local health officer does not maintain a program for certification of backflow prevention device testers, the testing and maintenance of a backflow prevention device be performed by a person who has received a California-specific certification for testing backflow prevention devices from one of specified entities or a similar certification provider deemed acceptable by the state board or the local health officer. Because a violation of these requirements would be a crime, this bill would impose a state-mandated local program. This bill contains other related provisions and other existing laws.

Notes 1: ACWA: NYC

AB 1340 (Chau D) Local government: sale of water utility property.

Current Text: Introduced: 2/27/2015 [pdf](#) [html](#)

Introduced: 2/27/2015

Status: 3/23/2015-Referred to Com. on L. GOV.

Location: 3/23/2015-A. L. GOV.

Desk	Policy	Fiscal	Floor	Desk	Policy	Fiscal	Floor	Conf. Conc.	Enrolled	Vetoed	Chaptered
1st House				2nd House							

Summary: Current law provides a procedure that is generally applicable for a city to sell its real property. Current law also establishes specific procedures for the sale of public utility property owned by a municipal corporation with certain provisions applicable to the sale of property of a water utility. This bill would authorize the City of Montebello to sell all or part of its water utility pursuant to the procedures that are generally applicable to a sale of real property by a city, if certain requirements are met. This bill contains other related provisions.

Notes 1: ACWA: NYC

AB 1362 (Gordon D) Local government: assessments, fees, and charges: stormwater definition.

Current Text: Introduced: 2/27/2015 [pdf](#) [html](#)

Introduced: 2/27/2015

Status: 3/23/2015-Referred to Com. on L. GOV.

Location: 3/23/2015-A. L. GOV.

Desk	Policy	Fiscal	Floor	Desk	Policy	Fiscal	Floor	Conf.	Enrolled	Vetoed	Chaptered
								Conc.			
	1st House				2nd House						

Summary: Would define "stormwater" for purposes of the Proposition 218 Omnibus Implementation Act to mean any system of public improvements or service intended to provide for the quality, conservation, control, or conveyance of waters that land on or drain across the natural or man-made landscape. This bill contains other related provisions.

Notes 1: ACWA: NYC

AB 1463 (Gatto D) Onsite recycled water.

Current Text: Introduced: 2/27/2015 [pdf](#) [html](#)

Introduced: 2/27/2015

Status: 3/26/2015-Referred to Coms. on W., P., & W. and B. & P.

Location: 3/26/2015-A. W., P. & W.

Desk	Policy	Fiscal	Floor	Desk	Policy	Fiscal	Floor	Conf.	Enrolled	Vetoed	Chaptered
								Conc.			
	1st House				2nd House						

Summary: Would require the State Water Resources Control Board, in consultation with the State Department of Public Health, the California Building Standards Commission, and stakeholders, to establish water quality standards and distribution, monitoring, and reporting requirements for onsite water recycling systems prior to authorizing the use of onsite recycled water in internal plumbing of residential and commercial buildings.

Notes 1: ACWA: NYC

SB 7 (Wolk D) Housing: water meters: multiunit structures.

Current Text: Introduced: 12/1/2014 [pdf](#) [html](#)

Introduced: 12/1/2014

Status: 3/17/2015-Set for hearing April 14.

Location: 1/15/2015-S. T. & H.

Desk	Policy	Fiscal	Floor	Desk	Policy	Fiscal	Floor	Conf.	Enrolled	Vetoed	Chaptered
								Conc.			
	1st House				2nd House						

Summary: Would express the intent of the Legislature to encourage the conservation of water in multifamily residential rental buildings through means either within the landlord's or the tenant's control, and to ensure that the practices involving the submetering of dwelling units for water service are just and reasonable, and include appropriate safeguards for both tenants and landlords. This bill contains other related provisions and other existing laws.

Notes 1: ACWA: Watch

SB 37 (Nielsen R) Water: floods.

Current Text: Amended: 2/12/2015 [pdf](#) [html](#)

Introduced: 12/1/2014

Last Amend: 2/12/2015

Status: 3/24/2015-From committee: Do pass and re-refer to Com. on APPR. (Ayes 9. Noes 0.) (March 24). Re-referred to Com. on APPR.

Location: 3/24/2015-S. APPR.

Desk	Policy	Fiscal	Floor	Desk	Policy	Fiscal	Floor	Conf.	Enrolled	Vetoed	Chaptered
								Conc.			
	1st House				2nd House						

Summary: Would authorize the Department of Water Resources to provide reimbursement to funding recipients that execute a funding agreement under the Urban Flood Risk Reduction Projects program for expenditures associated with continued funding of a project initiated under the Early Implementation Project program and incurred after July 1, 2014, and before issuance of a funding

commitment, or amendment or execution of the funding agreement, but no later than December 31, 2015. This bill contains other related provisions.

Notes 1: ACWA: Favor

SB 144

(Pan D) Water development projects: Sacramento-San Joaquin watersheds.

Current Text: Introduced: 1/27/2015 [pdf](#) [html](#)

Introduced: 1/27/2015

Status: 3/24/2015-From committee: Do pass and re-refer to Com. on APPR. with recommendation: To consent calendar. (Ayes 9. Noes 0.) (March 24). Re-referred to Com. on APPR.

Location: 3/24/2015-S. APPR.

Desk	Policy	Fiscal	Floor	Desk	Policy	Fiscal	Floor	Conf. Conc.	Enrolled	Vetoed	Chaptered
1st House				2nd House							

Summary: Current law provides for state cooperation with the federal government in the construction of specified flood control projects. Current law adopts and authorizes federally adopted and approved projects, including a 200-year level of flood protection in the Natomas Basin, in areas within the City of Sacramento and the Counties of Sacramento and Sutter. This bill would describe the Natomas Basin flood protection project as further modified by a specified report adopted by Congress. The bill would make technical, nonsubstantive changes.

Notes 1: ACWA: Favor

SB 184

(Committee on Governance and Finance) Local government: omnibus bill.

Current Text: Introduced: 2/9/2015 [pdf](#) [html](#)

Introduced: 2/9/2015

Status: 2/19/2015-Referred to Com. on RLS.

Location: 2/19/2015-S. RLS.

Desk	Policy	Fiscal	Floor	Desk	Policy	Fiscal	Floor	Conf. Conc.	Enrolled	Vetoed	Chaptered
1st House				2nd House							

Summary: Current law requires the legislative body of a local entity to annually file with the auditor a list of lots or parcels of land subject to specified fees or charges for water, sanitation, storm drainage, or sewerage system services and facilities and the amounts of the installments of the fees or charges to be entered against the affected lots or parcels of land. Current law requires the auditor to enter on the assessment roll the amounts of installments of these fees or charges. Current law defines the auditor, for the purposes of these provisions, as the financial officer of the local entity. This bill would clarify that the above-described provisions relating to the authority and duties of the auditor apply only to the county auditor. The bill would also make technical, nonsubstantive changes to these provisions.

Notes 1: ACWA: Favor

SB 188

(Hancock D) Municipal utility district: utility charges: delinquencies.

Current Text: Introduced: 2/9/2015 [pdf](#) [html](#)

Introduced: 2/9/2015

Status: 3/19/2015-Set for hearing April 8.

Location: 2/19/2015-S. G. & F.

Desk	Policy	Fiscal	Floor	Desk	Policy	Fiscal	Floor	Conf. Conc.	Enrolled	Vetoed	Chaptered
1st House				2nd House							

Summary: The Municipal Utility District Act authorizes a municipal utility district, by resolution or ordinance, to require the owner of record of privately owned real property within the district to pay the fees, tolls, rates, rentals, or other charges for certain utility services rendered to a lessee, tenant, or subtenant, and provides that those charges that have become delinquent, together with interest and penalties, are a lien on the property when a certificate is filed by the district in the office of the county recorder and that the lien has the force, effect, and priority of a judgment lien. This bill would extend the operation of these provisions indefinitely.

Notes 1: ACWA: Favor

SB 239

(Hertzberg D) Local services: contracts: fire protection services.

Current Text: Amended: 3/23/2015 [pdf](#) [html](#)

Introduced: 2/17/2015
Last Amend: 3/23/2015
Status: 3/27/2015-Set for hearing April 15.
Location: 3/23/2015-S. G. & F.

Desk	Policy	Fiscal	Floor	Desk	Policy	Fiscal	Floor	Conf. Conc.	Enrolled	Vetoed	Chaptered
1st House				2nd House							

Summary: Would establish commission proceedings to consider the exercise of new or extended fire protection services outside a public agency's current service area by contract or agreement. The bill would require the legislative body of a public agency to adopt a resolution and submit the resolution along with a plan for services, as provided. The bill would require that a proposal by a state agency be initiated by the director of the agency with the approval of the Governor. This bill contains other related provisions and other existing laws.

Notes 1: ACWA: Watch

SB 258 (Bates R) Local government.

Current Text: Introduced: 2/18/2015 [pdf](#) [html](#)
Introduced: 2/18/2015
Status: 2/26/2015-Referred to Com. on RLS.
Location: 2/26/2015-S. RLS.

Desk	Policy	Fiscal	Floor	Desk	Policy	Fiscal	Floor	Conf. Conc.	Enrolled	Vetoed	Chaptered
1st House				2nd House							

Summary: Would state the intent of the Legislature to enact legislation that would protect the right of the public to participate in open deliberations of the legislative bodies of local agencies by clarifying the appropriate use of special meetings.

Notes 1: ACWA: Watch

SB 442 (Hall D) Municipal water districts: revenue bonds.

Current Text: Introduced: 2/25/2015 [pdf](#) [html](#)
Introduced: 2/25/2015
Status: 3/5/2015-Referred to Com. on RLS.
Location: 3/5/2015-S. RLS.

Desk	Policy	Fiscal	Floor	Desk	Policy	Fiscal	Floor	Conf. Conc.	Enrolled	Vetoed	Chaptered
1st House				2nd House							

Summary: Current law, the Municipal Water District Law of 1911, provides for the formation of municipal water districts and grants to those districts specified powers, including the authority to issue revenue bonds for any purpose for which general obligation bonds may be issued. This bill would make nonsubstantive changes in those provisions.

Notes 1: ACWA: NYC

SB 551 (Wolk D) State water policy: water and energy efficiency.

Current Text: Introduced: 2/26/2015 [pdf](#) [html](#)
Introduced: 2/26/2015
Status: 3/12/2015-Referred to Com. on RLS.
Location: 3/12/2015-S. RLS.

Desk	Policy	Fiscal	Floor	Desk	Policy	Fiscal	Floor	Conf. Conc.	Enrolled	Vetoed	Chaptered
1st House				2nd House							

Summary: Would declare the policy of the state that water use and water treatment shall be as energy efficient as is feasible and energy use and generation shall be as water efficient as is feasible. This bill would require all relevant state agencies to consider this state policy when revising, adopting, or establishing policies, regulations, and grant criteria when pertinent to these uses of water and energy. This bill contains other existing laws.

Notes 1: ACWA: NYC

SB 555 (Wolk D) Department of Water Resources: urban retail water suppliers: water loss audits.

Current Text: Introduced: 2/26/2015 [pdf](#) [html](#)

Introduced: 2/26/2015

Status: 3/12/2015-Referred to Com. on N.R. & W.

Location: 3/12/2015-S. N.R. & W.

Desk	Policy	Fiscal	Floor	Desk	Policy	Fiscal	Floor	Conf.	Enrolled	Vetoed	Chaptered
1st House				2nd House				Conf. Conc.			

Summary: Would require each urban retail water supplier, on or before July 1, 2017, to conduct a water loss audit as prescribed by rules adopted by the Department of Water Resources on or before July 1, 2016. This bill would require an urban retail water supplier to submit a validated audit report to the department within 60 days of completion and the department to post the report on its Internet Web site in a timely manner after its receipt. This bill would require the department to provide technical assistance to guide urban retail water suppliers' water loss detection programs.

Notes 1: ACWA: NYC

6. CEQA and Other Water Related

AB 142 (**Bigelow R**) **Wild and scenic rivers: Mokelumne River.**

Current Text: Introduced: 1/12/2015 [pdf](#) [html](#)

Introduced: 1/12/2015

Status: 3/26/2015-From committee: Amend, and do pass as amended and re-refer to Com. on APPR. (Ayes 8. Noes 1.) (March 23).

Location: 3/26/2015-A. APPR.

Desk	Policy	Fiscal	Floor	Desk	Policy	Fiscal	Floor	Conf.	Enrolled	Vetoed	Chaptered
1st House				2nd House				Conf. Conc.			

Summary: Would require the Secretary of the Natural Resources Agency, in a report analyzing the suitability or unsuitability of a proposed designation of the Mokelumne River, its tributaries, or portions thereof as additions to the system, to consider the potential effects of the proposed designation on future water requirements, as specified, and the effects of climate change. This bill contains other related provisions.

Notes 1: ACWA: Favor

AB 152 (**Bigelow R**) **Water rights: appropriation.**

Current Text: Introduced: 1/15/2015 [pdf](#) [html](#)

Introduced: 1/15/2015

Status: 1/16/2015-From printer. May be heard in committee February 15.

Location: 1/15/2015-A. PRINT

Desk	Policy	Fiscal	Floor	Desk	Policy	Fiscal	Floor	Conf.	Enrolled	Vetoed	Chaptered
1st House				2nd House				Conf. Conc.			

Summary: Under current law, the State Water Resources Control Board administers a water rights program pursuant to which the board grants permits and licenses to appropriate water. Current law requires the board to allow the appropriation for beneficial purposes of unappropriated water under terms and conditions as in its judgment will best develop, conserve, and utilize in the public interest the water sought to be appropriated. This bill would make a technical, nonsubstantive change to these provisions.

Notes 1: ACWA: Watch

AB 228 (**Waldron R**) **State Water Resources Development System: reporting requirement.**

Current Text: Introduced: 2/4/2015 [pdf](#) [html](#)

Introduced: 2/4/2015

Status: 2/5/2015-From printer. May be heard in committee March 7.

Location: 2/4/2015-A. PRINT

Desk	Policy	Fiscal	Floor	Desk	Policy	Fiscal	Floor	Conf.	Enrolled	Vetoed	Chaptered
1st House				2nd House				Conf. Conc.			

Summary: Under current law, the Department of Water Resources operates the State Water Resources Development System. Current law requires the department, on or before January 10, 2010, and annually thereafter, to prepare and submit to the chairpersons of the fiscal committees of the

Legislature a report, as prescribed, about the budget of the State Water Resources Development System. This bill would make a technical, nonsubstantive change in these provisions.

Notes 1: ACWA: Watch

AB 291 (Medina D) California Environmental Quality Act: local agencies: notice of determination: water.

Current Text: Introduced: 2/11/2015 [pdf](#) [html](#)

Introduced: 2/11/2015

Status: 2/23/2015-Referred to Com. on NAT. RES.

Location: 2/23/2015-A. NAT. RES.

Desk	Policy	Fiscal	Floor	Desk	Policy	Fiscal	Floor	Conf. Conc.	Enrolled	Vetoed	Chaptered
1st House				2nd House							

Summary: Would authorize a local agency, for certain water projects, to file the notice with the county clerk of the county in which the local agency's principal office is located in lieu of the county clerk of each county in which the project is located and would, if the local agency exercises this authorization, require the local agency to file the notice with the Office of Planning and Research. This bill contains other existing laws.

Notes 1: ACWA: Support

AB 300 (Alejo D) Safe Water and Wildlife Protection Act of 2015.

Current Text: Amended: 3/5/2015 [pdf](#) [html](#)

Introduced: 2/12/2015

Last Amend: 3/5/2015

Status: 3/23/2015-Do pass as amended and be re-referred to the Committee on Appropriations.

Location: 3/23/2015-A. APPR.

Desk	Policy	Fiscal	Floor	Desk	Policy	Fiscal	Floor	Conf. Conc.	Enrolled	Vetoed	Chaptered
1st House				2nd House							

Summary: Would enact the Safe Water and Wildlife Protection Act of 2015, which would require the State Coastal Conservancy to establish and coordinate the Algal Bloom Task Force, in consultation with the Secretary of the Natural Resources Agency, and would prescribe the composition and functions and duties of the task force. The bill would require the task force to review the risks and negative impacts of toxic blooms and microcystin pollution and to submit a summary of its findings and recommendations to the secretary by January 1, 2017.

Notes 1: ACWA: NYC

AB 311 (Gallagher R) Environmental quality: Water Quality, Supply, and Infrastructure Improvement Act of 2014.

Current Text: Amended: 3/17/2015 [pdf](#) [html](#)

Introduced: 2/12/2015

Last Amend: 3/17/2015

Status: 3/23/2015-Action From NAT. RES.: Failed passage Reconsideration granted.

Location: 3/23/2015-A. NAT. RES.

Desk	Policy	Fiscal	Floor	Desk	Policy	Fiscal	Floor	Conf. Conc.	Enrolled	Vetoed	Chaptered
1st House				2nd House							

Summary: Would require a public agency, in certifying a environmental impact report and in granting approvals for specified water storage projects funded, in whole or in part, by Proposition 1, to comply with specified procedures. Because a public agency would be required to comply with those new procedures, this bill would impose a state-mandated local program. The bill would authorize the public agency to concurrently prepare the record of proceedings for the project. This bill contains other related provisions and other existing laws.

Notes 1: ACWA: Watch

AB 501 (Levine D) Resources: Delta research.

Current Text: Introduced: 2/23/2015 [pdf](#) [html](#)

Introduced: 2/23/2015

Status: 3/5/2015-Referred to Coms. on W., P., & W. and JUD.

Location: 3/5/2015-A. W.,P. & W.

Desk	Policy	Fiscal	Floor	Desk	Policy	Fiscal	Floor	Conf.	Enrolled	Vetoed	Chaptered	
1st House				2nd House				Conc.				

Summary: Would require a person conducting Delta research, as defined, whose research is funded, in whole or in part, by the state, to take specified actions with regard to the sharing of the primary data, samples, physical collections, and other supporting materials created or gathered in the course of that research. The bill would authorize the Delta Independent Science Board to adopt guidelines to provide adjustments to, and, where essential, exceptions from, these requirements and would exempt the adoption of these guidelines from the procedural requirements for the adoption of regulations.

Notes 1: ACWA: NYC

AB 585 **(Melendez R) Outdoor Water Efficiency Act of 2015: personal income tax credits: outdoor water efficiency.**

Current Text: Amended: 3/16/2015 [pdf](#) [html](#)

Introduced: 2/24/2015

Last Amend: 3/16/2015

Status: 3/17/2015-Re-referred to Com. on REV. & TAX.

Location: 3/17/2015-A. REV. & TAX

Desk	Policy	Fiscal	Floor	Desk	Policy	Fiscal	Floor	Conf.	Enrolled	Vetoed	Chaptered	
1st House				2nd House				Conc.				

Summary: The Personal Income Tax Law allows various credits against the taxes imposed by that law. This bill, for taxable years beginning on or after January 1, 2015, and before January 1, 2021, or an earlier specified date, would allow a credit equal to 25% of the amount paid or incurred by a qualified taxpayer for water-efficiency improvements made to outdoor landscapes on qualified real property in this state, not to exceed \$2,500 per taxable year, as specified. This bill contains other related provisions.

Notes 1: ACWA: Favor

AB 615 **(Rendon D) The Center for Community Water Projects.**

Current Text: Introduced: 2/24/2015 [pdf](#) [html](#)

Introduced: 2/24/2015

Status: 3/9/2015-Referred to Com. on W., P., & W.

Location: 3/9/2015-A. W.,P. & W.

Desk	Policy	Fiscal	Floor	Desk	Policy	Fiscal	Floor	Conf.	Enrolled	Vetoed	Chaptered	
1st House				2nd House				Conc.				

Summary: Would establish The Center for Community Water Projects, to be administered by the Division of Financial Assistance within the State Water Resources Control Board. The bill would declare the purpose of the center is to provide a centralized, multidisciplinary technical assistance program for disadvantaged communities and to assist those communities in designing and building clean and sustainable water projects.

Notes 1: ACWA: NYC

AB 727 **(Wilk R) Castaic Lake Water Agency.**

Current Text: Introduced: 2/25/2015 [pdf](#) [html](#)

Introduced: 2/25/2015

Status: 3/12/2015-Referred to Coms. on L. GOV. and U. & C.

Location: 3/12/2015-A. L. GOV.

Desk	Policy	Fiscal	Floor	Desk	Policy	Fiscal	Floor	Conf.	Enrolled	Vetoed	Chaptered	
1st House				2nd House				Conc.				

Summary: Would authorize the Castaic Lake Water Agency to construct, operate, and maintain works to develop energy projects and to contract for the sale of the right to use facilities or real property for electric energy purposes. This bill contains other related provisions and other existing laws.

Notes 1: ACWA: Watch

AB 797 (Steinorth R) Regulations: effective dates and legislative review.

Current Text: Introduced: 2/26/2015 [pdf](#) [html](#)

Introduced: 2/26/2015

Status: 3/12/2015-Referred to Com. on A. & A.R.

Location: 3/12/2015-A. A. & A.R.

Desk	Policy	Fiscal	Floor	Desk	Policy	Fiscal	Floor	Conf. Conc.	Enrolled	Vetoed	Chaptered
1st House				2nd House							

Summary: Would require the Office of Administrative Law to submit to each house of the Legislature for review a copy of each major regulation that it submits to the Secretary of State. The bill would eliminate the quarterly schedule pursuant to which regulations and orders of repeal become effective, as well as the provisions specifically addressing the effective dates of regulations adopted by the Fish and Game Commission. The bill would, instead, provide that a regulation or order of repeal required to be filed with the Secretary of State generally becomes effective the 90th day after the date of filing, subject to certain exceptions.

AB 954 (Mathis R) Water and Wastewater Loan and Grant Pilot Program.

Current Text: Amended: 3/26/2015 [pdf](#) [html](#)

Introduced: 2/26/2015

Last Amend: 3/26/2015

Status: 3/26/2015-Referred to Com. on W., P., & W. From committee chair, with author's amendments: Amend, and re-refer to Com. on W., P., & W. Read second time and amended.

Location: 3/26/2015-A. W.,P. & W.

Desk	Policy	Fiscal	Floor	Desk	Policy	Fiscal	Floor	Conf. Conc.	Enrolled	Vetoed	Chaptered
1st House				2nd House							

Summary: Would require the State Water Resources Control Board to establish a pilot program to provide low-interest loans and grants to eligible applicants for specified purposes relating to drinking water and wastewater treatment. This bill would prohibit the board from issuing these loans or grants on or after January 1, 2026. This bill would create the Water and Wastewater Loan and Grant Fund and provide that the moneys in this fund are available, upon appropriation by the Legislature, to the board for expenditure for the pilot program.

Notes 1: ACWA: NYC

AB 957 (Mathis R) Water Quality, Supply, and Infrastructure Improvement Act of 2014.

Current Text: Amended: 3/26/2015 [pdf](#) [html](#)

Introduced: 2/26/2015

Last Amend: 3/26/2015

Status: 3/26/2015-Referred to Com. on W., P., & W. From committee chair, with author's amendments: Amend, and re-refer to Com. on W., P., & W. Read second time and amended.

Location: 3/26/2015-A. W.,P. & W.

Desk	Policy	Fiscal	Floor	Desk	Policy	Fiscal	Floor	Conf. Conc.	Enrolled	Vetoed	Chaptered
1st House				2nd House							

Summary: The Water Quality, Supply, and Infrastructure Improvement Act of 2014 requires specified water recycling and advanced treatment technology projects to be selected on a competitive basis, considering specified criteria, including, among other criteria, water supply reliability improvement and public health benefits from improved drinking water quality or supply. This bill would include in the water supply reliability improvement criterion whether the project is proposed by a community that is heavily dependent on groundwater from a basin in overdraft, and would include in the public health benefits criterion whether the project is proposed by a community that has extended, or is in the process of extending, its water service delivery to entities reliant on either contaminated groundwater or groundwater wells that have run dry.

Notes 1: ACWA: NYC

AB 1068 (Allen, Travis R) California Environmental Quality Act: priority projects.

Current Text: Introduced: 2/26/2015 [pdf](#) [html](#)

Introduced: 2/26/2015

Status: 3/19/2015-Referred to Coms. on NAT. RES. and JUD.

Location: 3/19/2015-A. NAT. RES.

Desk	Policy	Fiscal	Floor	Desk	Policy	Fiscal	Floor	Conf. Conc.	Enrolled	Vetoed	Chaptered
1st House				2nd House							

Summary: Would authorize each Member of the Legislature to nominate one project within his or her respective district each year, and the Governor to designate those projects as priority projects if the projects meet specified requirements. The bill would require the Governor to provide a notice of the designation to the appropriate lead agency and to the Office of Planning and Research. The bill would require the lead agency to notify the public and interested stakeholders of the designation, as specified, thereby imposing a state-mandated local program.

Notes 1: ACWA: Watch

AB 1244 (Gray D) Water rights: small irrigation use.

Current Text: Introduced: 2/27/2015 [pdf](#) [html](#)

Introduced: 2/27/2015

Status: 3/23/2015-Referred to Com. on W., P., & W.

Location: 3/23/2015-A. W.,P. & W.

Desk	Policy	Fiscal	Floor	Desk	Policy	Fiscal	Floor	Conf. Conc.	Enrolled	Vetoed	Chaptered
1st House				2nd House							

Summary: Current law authorizes any person to obtain a right to appropriate water for a small irrigation use upon registering the use with the State Water Resources Control Board and thereafter applying the water to reasonable and beneficial use with due diligence. This bill would require the board to adopt general conditions, in consultation with the Department of Food and Agriculture, the University of California Cooperative Extension, and others, including, but not limited to the Department of Fish and Wildlife, for small irrigation use, unless the board determines that sufficient funds are not available for that purpose.

Notes 1: ACWA: NYC

AB 1325 (Salas D) Delta smelt.

Current Text: Introduced: 2/27/2015 [pdf](#) [html](#)

Introduced: 2/27/2015

Status: 3/23/2015-Referred to Com. on W., P., & W.

Location: 3/23/2015-A. W.,P. & W.

Desk	Policy	Fiscal	Floor	Desk	Policy	Fiscal	Floor	Conf. Conc.	Enrolled	Vetoed	Chaptered
1st House				2nd House							

Summary: Would enact the Delta Smelt Preservation and Restoration Act of 2016. The act would require the Department of Fish and Wildlife to develop a Delta smelt hatchery program to preserve and restore the Delta smelt. The bill would require the department to enter into mitigation banking agreements with banking partners for the purpose of providing take authorizations to banking partners and to obtain funding from banking agreements. This bill contains other related provisions.

Notes 1: ACWA: NYC

SB 122 (Jackson D) California Environmental Quality Act: record of proceedings.

Current Text: Amended: 3/26/2015 [pdf](#) [html](#)

Introduced: 1/15/2015

Last Amend: 3/26/2015

Status: 3/26/2015-From committee with author's amendments. Read second time and amended. Re-referred to Com. on E.Q.

Location: 3/26/2015-S. E.Q.

Desk	Policy	Fiscal	Floor	Desk	Policy	Fiscal	Floor	Conf. Conc.	Enrolled	Vetoed	Chaptered
1st House				2nd House							

Summary: CEQA establishes a procedure for the preparation and certification of the record of proceedings upon the filing of an action or proceeding challenging a lead agency's action on the grounds of noncompliance with CEQA. This bill would require the lead agency, at the request of a project applicant and consent of the lead agency, to prepare a record of proceedings concurrently with the preparation of a negative declaration, mitigated negative declaration, EIR, or other environmental document for projects. This bill contains other related provisions.

Notes 1: ACWA: Not Favor Unless Amended

SB 127 (Vidak R) Environmental quality: Water Quality, Supply, and Infrastructure Improvement Act of 2014.

Current Text: Introduced: 1/20/2015 [pdf](#) [html](#)

Introduced: 1/20/2015

Status: 3/17/2015-Set for hearing April 15.

Location: 2/5/2015-S. E.Q.

Desk	Policy	Fiscal	Floor	Desk	Policy	Fiscal	Floor	Conf. Conc.	Enrolled	Vetoed	Chaptered
1st House				2nd House							

Summary: CEQA establishes a procedure by which a person may seek judicial review of the decision of the lead agency made pursuant to CEQA and a procedure for the preparation and certification of the record of proceedings upon the filing of an action or proceeding challenging a lead agency's action on the grounds of noncompliance with CEQA. This bill would require the public agency, in certifying the environmental impact report and in granting approvals for projects funded, in whole or in part, by Proposition 1, including the concurrent preparation of the record of proceedings and the certification of the record of proceeding within 5 days of the filing of a specified notice, to comply with specified procedures.

Notes 1: ACWA: Not Favor Unless Amended

SB 154 (Huff R) California Environmental Quality Act.

Current Text: Introduced: 2/2/2015 [pdf](#) [html](#)

Introduced: 2/2/2015

Status: 2/19/2015-Referred to Com. on RLS.

Location: 2/19/2015-S. RLS.

Desk	Policy	Fiscal	Floor	Desk	Policy	Fiscal	Floor	Conf. Conc.	Enrolled	Vetoed	Chaptered
1st House				2nd House							

Summary: The California Environmental Quality Act (CEQA) requires a lead agency, as defined, to prepare, or cause to be prepared by contract, and certify the completion of, an environmental impact report, as defined, on a project that may have a significant effect on the environment, or to adopt a negative declaration if it finds that the project will not have that effect. This bill would make technical, nonsubstantive changes to the definition of "environmental impact report."

SB 223 (Galgiani D) Division of Boating and Waterways: oversight committee: invasive aquatic plants.

Current Text: Introduced: 2/13/2015 [pdf](#) [html](#)

Introduced: 2/13/2015

Status: 2/26/2015-Referred to Com. on N.R. & W.

Location: 2/26/2015-S. N.R. & W.

Desk	Policy	Fiscal	Floor	Desk	Policy	Fiscal	Floor	Conf. Conc.	Enrolled	Vetoed	Chaptered
1st House				2nd House							

Summary: Would require the Division of Boating and Waterways, no later than January 1, 2017, to establish an advisory and oversight committee to monitor the activities of the division relating to the management and control or eradication of invasive aquatic plants in the Sacramento-San Joaquin Delta, its tributaries, and the Suisun Marsh.

Notes 1: ACWA: Watch

SB 248 (Pavley D) Oil and gas: well history.

Current Text: Introduced: 2/18/2015 [pdf](#) [html](#)

Introduced: 2/18/2015

Status: 2/26/2015-Referred to Com. on N.R. & W.

Location: 2/26/2015-S. N.R. & W.

Desk	Policy	Fiscal	Floor	Desk	Policy	Fiscal	Floor	Conf. Conc.	Enrolled	Vetoed	Chaptered
1st House				2nd House							

Summary: Current law provides that a person who fails to comply with specific laws relating to the regulation of oil or gas operations, including failing to furnish a report or record, is guilty of a misdemeanor. This bill would, in addition, require all operations on or in the well of any form to be systematically, completely, and accurately described and recorded in the well history. Because a

violation of this requirement would be a crime, the bill would impose a state-mandated local program. This bill contains other related provisions and other existing laws.

Notes 1: ACWA: Favor

SB 317 (De León D) The Safe Neighborhood Parks, Rivers, and Coastal Protection Bond Act of 2016.

Current Text: Introduced: 2/23/2015 [pdf](#) [html](#)

Introduced: 2/23/2015

Status: 3/18/2015-Set for hearing April 14.

Location: 3/5/2015-S. N.R. & W.

Desk	Policy	Fiscal	Floor	Desk	Policy	Fiscal	Floor	Conf. Conc.	Enrolled	Vetoed	Chaptered
1st House				2nd House							

Summary: Under current law, various measures have been approved by the voters to provide funds for park, river, and coastal protections and programs. This bill would enact the Safe Neighborhood Parks, Rivers, and Coastal Protection Bond Act of 2016, which, if adopted by the voters at the November 8, 2016, statewide general election, would authorize the issuance of bonds in an unspecified amount pursuant to the State General Obligation Bond Law to finance a safe neighborhood parks, rivers, and coastal protection program.

Notes 1: ACWA: NYC

SB 471 (Pavley D) Water, energy, and reduction of greenhouse gas emissions: planning.

Current Text: Introduced: 2/26/2015 [pdf](#) [html](#)

Introduced: 2/26/2015

Status: 3/18/2015-Set for hearing April 14.

Location: 3/12/2015-S. N.R. & W.

Desk	Policy	Fiscal	Floor	Desk	Policy	Fiscal	Floor	Conf. Conc.	Enrolled	Vetoed	Chaptered
1st House				2nd House							

Summary: Current law continuously appropriates specified portions of the annual proceeds in the Greenhouse Gas Reduction Fund to various programs including 20% for the Affordable Housing and Sustainable Communities Program, administered by the Strategic Growth Council. Current law specifies the objectives for the program and identifies categories of projects eligible for funding under this program. This bill would require the council, in implementing these provisions, to give special consideration to awarding funds to eligible projects that, in addition to existing objectives and goals, would also result in reduced energy use by a water supplier, an end user of water, or both.

Notes 1: ACWA: NYC

SB 772 (Stone R) Bay Delta Conservation Plan: judicial review.

Current Text: Introduced: 2/27/2015 [pdf](#) [html](#)

Introduced: 2/27/2015

Status: 3/19/2015-Referral to Com. on RLS.

Location: 3/19/2015-S. RLS.

Desk	Policy	Fiscal	Floor	Desk	Policy	Fiscal	Floor	Conf. Conc.	Enrolled	Vetoed	Chaptered
1st House				2nd House							

Summary: Current law imposes requirements on the Department of Water Resources in connection with the preparation of a Bay Delta Conservation Plan. This bill would state the intent of the Legislature to enact legislation establishing judicial review procedures for the Bay Delta Conservation Plan.

Notes 1: ACWA: NYC

Total Measures: 95
Total Tracking Forms: 95

EXHIBIT 2



State Water Resources Control Board

April 2, 2015

To All Water Right Holders

CURTAILMENT OF WATER RIGHT DIVERSIONS EXPECTED SOON

With continuing dry conditions and record low snowpack, many water right holders in the Central Valley and elsewhere in the State are facing very difficult spring planting decisions. The amount of water needed for irrigation is a critical part of that decision making process and the State Water Board wants to make sure that future water supply availability is an important consideration.

As everyone is aware, very warm temperatures and low precipitation have continued to plague the State and we find ourselves now in a fourth year of drought. Since the January 23, 2015 Notice of Surface Water Shortage and Potential for Curtailment, it is clear that restrictions of surface water diversions will occur in key watersheds. If dry conditions persist through the spring, it is anticipated that all holders of post-1914 and many holders of pre-1914 water rights in certain watersheds will receive curtailment notices soon as inflows due to snowmelt and possible future rainfall recede and the last opportunities to collect water to storage are past. Continuing dry conditions in some watersheds will also likely mean that riparian water rights holders will be required to reduce their diversions and share what supplies of natural flow remain, if any.

In the coming days, forecasts of water availability will be updated for many of the watersheds and posted on the State Water Board's website at: http://www.waterboards.ca.gov/waterrights/water_issues/programs/drought/analysis/. Please carefully consider this information as it will estimate the timing of curtailments for the various classes of water right holders.

These are very difficult times and many of you have already experienced tremendous hardship due to the ongoing drought conditions. If you are in a water short area, you should plan to rely on alternative water supplies for your water needs if they are available. Alternative supplies include groundwater wells, purchased stored water supplies under contractual arrangements, and recycled wastewater. Water right holders are cautioned that groundwater resources are significantly depleted in some areas. Water right holders in these areas are urged to carefully consider this information and make planting and other decisions accordingly.

FELICIA MARCUS, CHAIR | THOMAS HOWARD, EXECUTIVE DIRECTOR

1001 J Street, Sacramento, CA 95814 | Mailing Address: P.O. Box 100, Sacramento, Ca 95812-0100 | www.waterboards.ca.gov

BACK TO AGENDA

Minutes

Sacramento Suburban Water District
Facilities and Operations Committee
 Monday, March 30, 2015

Call to Order

Chair Bob Wichert called the meeting to order at 6:00 p.m.

Roll Call

Directors Present: Chair Bob Wichert and Kevin Thomas.

Directors Absent: None.

Staff Present: General Manager Robert Roscoe, Assistant General Manager Dan York, David Espinoza, Heather Hernandez-Fort, Dave Jones, and John Valdes.

Public Present: William Eubanks, Dan Finocchio, Andy Davidson and one unidentified gentleman.

Public Comment

None.

Consent Items

1. Minutes of the January 21, 2015 Facilities and Operations Committee Meeting

Director Kevin Thomas moved to approve the Minutes; Chair Wichert seconded.

AYES:	Thomas and Wichert.	ABSTAINED:	
NOES:		RECUSED:	
ABSENT:			

Items for Discussion and Action

2. Request for Variance at 2134 Butano Drive

General Manager Roscoe presented the staff report explaining that staff's recommendation is to comply with District Regulations Governing Water Service, requiring an adequately sized water main be constructed at 2134 Butano Drive.

Mr. Andy Davidson, with Anton Development Company, stated the he feels confident that there is adequate flow using the existing 8" and 10" water mains.

Mr. Dan Finocchio, with Cunningham Engineering Corporation, explained how he did the hydraulic modeling, and responded to the Districts concern regarding the 20psi residual test. He explained that his company performed a friction loss calculation to see if they have adequate fire flow. Due to the existing main on the east and west sides of the project, they balanced the flows to the site using a roughly 60" diameter pipe, and applied

the pump to both of those facilities. This minimized the velocity in the existing pipes creating velocity below 5 feet per second.

Mr. David Espinoza clarified to the Committee that one of the water mains is what is considered a backyard main, and informed the Committee that the District does not tap backyard mains for new development. Director Thomas asked staff when this section of backyard water main was scheduled to be replaced in the roadway. Staff stated the subject water main is AC material, and could be several years from replacement.

Mr. William Eubanks encouraged the District to follow District Regulations with no deviation.

GM Roscoe added to staff's argument that in the event of a fire, the fire department would need to hook up to the nearest hydrant which would create velocity exceeding 5 feet per second. Then, if or when a second fire hydrant hook up is required, bringing water in from both sides of the property would be used, decreasing velocity. If only one hydrant was used, or until the second hydrant is operated, excessive stress on the District water mains and/or force to the joints would occur, which increase with the square of the velocity.

Chair Wichert stated that the District has Regulations in place, and he is disinclined to grant the variance due to the Regulations. Director Thomas agreed that the District needs to stick to the Regulations.

The Committee denied the Grant for Variance for 2134 Butano Drive.

3. Review of District Regulations Governing Water Service

GM Roscoe gave a brief description on the review process of the Districts' Regulations Governing Water Service. He informed the Committee that following a qualification based selection process; Coleman Engineering (C.E.) was hired to perform an independent review of the District's Regulations. C.E. Provided a summary spreadsheet with the recommended changes.

There was a discussion regarding the minimum easement width. Director Wichert suggested staff decide if they are recommending an actual minimum easement length, and if so, what that desired length would be. Director Thomas suggested the verbiage change to "desired easement of 20 feet."

GM Roscoe clarified that if it is a developer requested installation, the District would require a 20 foot easement. But to correct an existing situation, the District would be willing to accept less than the desired 20 feet. Director Wichert suggested that the Regulations state that existing situations are on a case-by-case basis; however, a "20 foot for new construction" would simplify enforcement.

Director Wichert requested staff to clarify Regulation number 9, section N, "Minimum water main size for all NEW construction on Residential property shall be 8". Single

family on ¾” meter on 6-inch line is being required. Mr. Espinoza clarified that if there is a cul-de-sac, and there is not a fire hydrant required, than a 6” line is acceptable. Director Wichert requested for staff to clarify this in the Regulations.

The Committee recommended for staff to bring back the Draft Regulations Governing Water Service with changes to the next Facilities and Operations Committee Meeting for further review.

4. 2015 Water Conservation Stage Declaration

Mr. Bundesen presented the staff report. Director Thomas requested clarification on the total labor cost for the temporary staff. Mr. Bundesen clarified that the total labor cost consisted of \$13,000 for the duration of a 10 month period. Director Thomas also suggested taking advantage of an additional bill insert for community outreach on the District’s Water Stage Declaration and/or Water Conservation.

Chair Wichert inquired how the District was planning on enforcing the restriction on restaurants from serving water. Mr. Bundesen informed the Committee that the District created a window cling, advising to customers that “this restaurant will only serve water upon request.” Enforcement would be more of a word-of-mouth, whereas the District would respond to complaints in the same manner as any other water waste complaints.

Director Wichert also inquired about the Media Release requesting clarification on 2 days per week, versus the District’s current position. Mr. Bundesen clarified that if your district has a Water Shortage Contingency Plan (the District’s Regulation Governing Water Service, 15 Water Conservation), then your district has to adopt a stage that restricts watering days. Discussion ensued regarding evapotranspiration rate.

Mr. Eubanks requested further information on the 20% reduction in the proposed Stage 1 Water Warning Declaration compared to 20% reduction in SBX7. Mr. Bundesen clarified that the State Water Resources Control Board’s current request to conserve 20% of water consumption is due to the drought situation. He stated the SBX7 is a long term reduction strategy. Chair Wichert requested staff to present a report to the full Board clarifying the difference between the 20% reduction in the proposed Stage 1 Water Warning Declaration, the 20% reduction in SBX7, and the 20% reduction that the State Water Resources Control Board is requiring. He would like to see all of these percentages into a matrix in hopes to clarify any confusion.

Mr. Eubanks also had comments regarding fiscal impacts. Director Wichert directed staff to include fiscal impacts in the staff report that are consistent with the reduction in water sales associated with the 20% reduction in water use.

Director Thomas inquired about outreach to schools and park districts. He also inquired about cash for grass and reclaimed water. GM Roscoe helped clarify all of these inquiries.

The Committee recommended moving the proposed Stage 1 Water Alert Declaration along with the changes to Regulation 15, for consideration and acceptance by the full Board.

5. Water Meter Asset Management Plan Update

Mr. John Valdes gave a presentation on the Water Meter Asset Management Plan Update.

Director Wichert recommended projecting the graphs and images from a projector, in full color, for better clarity when presented to the full Board.

Director Thomas recommended that staff also discuss the 5 year rotation with the Asset Management Plan to potentially extend the life of some of the Asset Management Plans in order to save money.

The Committee recommended taking this item to the full Board with a recommendation of approval.

6. Sacramento Metropolitan Air Quality Management District – Notice of Violation

GM Roscoe presented the item. He reported that staff is in the process of updating the procedures to prevent violations in the future. Mr. York informed the Committee that staff has contacted the Sacramento Metropolitan Air Quality Management District requesting an analysis to potentially increase the limit on the amount of hours on District generators.

Director Wichert requested that staff update the procedures to either limit the time contractors are allowed to run the District generators, or somehow make them aware of the time left on a individual generator. Director Wichert suggested staff review our contracts to determine if they need to address risk transfer.

The Committee requested staff to convert this report into an updated staff report to present to the full Board as an Information Item.

7. San Juan Unified School District Landscape Irrigation Services Customer Partnership proposal

Mr. Bundesen presented the report and defended the goal of this partnership proposal. He clarified that the District will be able to track the usage by using fixed network meter reading equipment in the individual irrigation meters. These meters will be retrofitted at District cost, at roughly 25 different school sites.

The District proposes to allow a variance in the watering days for these participants, since the District is supplying them with an allocation based water rate. The proposed State Regulations for watering days are for residential customers, commercial/industrial/institutional; therefore, the District will still comply with State Regulations.

Director Thomas requested staff to report exactly how many meters will be installed. Director Wichert requested the fiscal impact, including the actual cost for all of the meters to be incorporated in the staff report to the Board.

The Committee recommended taking this item to the full Board with a recommendation of approval.

8. Grant of Easement at 2163 Fulton Avenue

GM Roscoe presented the report regarding staff installing infrastructure before easement was approved by the District Board.

Director Thomas verified that in the 5 years he has served on the District Board, he has never had this issue presented, verifying that the District doesn't frequently make these types of errors.

The Committee recommended taking this item to the full Board with a recommendation of approval.

9. Grant of Easement at 2600 Fulton Avenue

GM Roscoe presented the report regarding staff installing infrastructure before easement was approved by the District Board.

The Committee recommended taking this item to the full Board with a recommendation of approval.

Adjournment

Chair Wichert adjourned the meeting at 7:39 p.m.

Agenda

Sacramento Suburban Water District Facilities and Operations Committee

3701 Marconi Avenue, Suite 100
Sacramento, CA 95821

Monday, April 20, 2015
5:00 p.m.

Public documents relating to any open session item listed on this agenda that are distributed to the Committee members 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 Committee concerning any item of interest. 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 Committee Chair 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 (916)679-3972. Requests must be made as early as possible and at least one-full business day before the start of the meeting.

Call to Order

Roll Call

Public Comment

This is an opportunity for the public to comment on non-agenda items within the subject matter jurisdiction of the Committee. Comments are limited to 3 minutes.

Consent Items

The committee 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 member of the Committee, 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 March 30, 2015 Facilities and Operations Committee Meeting**
Recommendation: Approve subject minutes.

Items for Discussion and Action

- 2. Utilization of Suite 300 – Update**
Receive report on status of utilizing Suite 300.

- 3. Improvement Standards and Technical Specifications**
Receive report on updated specifications.

- 4. Amending Regulations Nos. 1 through 14, 16 and 17 of the Regulations Governing Water Service**
Receive updated draft regulations and direct staff as appropriate.

Adjournment

Upcoming Meetings:

Monday, April 20, 2015, at 6:30p.m., Regular Board Meeting
Monday, May 18, 2015, at 6:30 p.m., Regular Board Meeting

I certify that the foregoing agenda for the April 20, 2015, meeting of the Sacramento Suburban Water District Facilities and Operations Committee was posted by April 16, 2015, in a publicly-accessible location at the Sacramento Suburban Water District office, 3701 Marconi Avenue, Suite 100, Sacramento, California, and was made available to the public during normal business hours.

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

ITEM 35. b.

Minutes

Sacramento Suburban Water District
Finance and Audit Committee
Monday, March 30, 2015

Call to Order

Chair Craig Locke called the meeting to order at 9:00 a.m.

Roll Call

Directors Present: Chair Craig Locke and Neil Schild.

Directors Absent: None.

Staff Present: General Manager Robert Roscoe, Dan York, Dan Bills, Lynne Yost, Lynn Pham, Robin Geiger, Heather Hernandez.

Public Present: Ingrid Shepline and Doug Kuramoto.

Public Comment

None.

Items for Discussion and Action

1. Results of 2014 Annual Audit

Mr. Dan Bills summarized the Agenda and gave a brief history of the District's Audit process. Mr. Bills introduced Ms. Ingrid Shepline of Richardson & Company. Ms. Shepline reviewed the Governance Letter (Exhibit 1) and highlighted that there were no significant findings and that the District was well prepared for the Audit making the process very smooth. She also noted that no adjustments were recommended or required to the Comprehensive Annual Financial Report (CAFR). She defined what material misstatements were and the materiality threshold. She discussed the scope of testing and explained the sample size and selection process. She concluded by stating that the audit found no significant deficiencies and no material weaknesses as a result of the testing performed.

Mr. Doug Kuramoto of Richardson & Company briefly summarized the Management Letter (Exhibit 2). Ms. Shepline and Mr. Bills both explained the necessity for the federal single audit. Mr. Bills also clarified the differences between RWA's administrative duties on State Grants versus Federal Grants. Mr. Kuramoto concluded by stating that there were no significant findings.

Mr. Kuramoto noted that the Management Letter recommended that staff periodically review all District capital assets to ensure they are appropriately classified. It was recommended that

staff examine the District's listing of fixed assets and construction in progress, and consider removing older assets that are fully depreciated or are no longer in operation.

Ms. Shepline discussed the new GASB 68 Statement regarding pension liabilities and noted it would become effective in 2015.

Mr. Kuramoto highlighted a recommendation that staff discuss the risk of fraud at least once a year with the Board, as well as with District staff. Director Schild requested a change to the Management Letter, to include clarifying language regarding the process for addressing the Districts' fraud policy. He suggested the District present an annual staff report to the full Board, allowing for public comment, regarding the District's fraud policy. He also agreed that staff should have an annual presentation to all District staff regarding the District's fraud policy.

The Committee approved of the two letters as amended and directed staff bring them before the Board for acceptance.

2. Draft 2014 Comprehensive Annual Financial Report

Mr. Bills summarized the staff report and reviewed the CAFR with the Committee. Discussion ensued. Director Schild requested more clarification on footnote 15 regarding the PCWA take-or-pay contract. He recommended that language be added noting that the most likely scenario for the District to not be able to take surface water under the contract occurring when there is less than 1.6 million acre feet of unimpaired inflow into Folsom.

Ms. Shepline discussed the Auditors opinion in the CAFR. She stated that it was considered a clean opinion.

The Committee directed staff to change the language on footnote 15 to include language regarding the unimpaired inflow of 1.6 million acre feet into Folsom. The Committee then accepted the CAFR as amended, and recommended that it be brought before the full Board for acceptance.

3. Draft 2014 Compliance Reports and Single Audit Results

Ms. Shepline summarized the Compliance Report. She noted that there were no material weaknesses in the District's internal controls. The District was also in compliance with all applicable Federal Laws and Regulations.

Both Directors on the Committee agreed with Staff's recommendation. This report will be taken to the full Board for consideration and acceptance.

Adjournment

Chair Locke adjourned the meeting at 10:56 a.m.

Committee Report

Sacramento Suburban Water District
Ad Hoc Water Rights Review Committee
Wednesday, March 24, 2015

Call to Order

Chair Schild called the meeting to order at 5:00 p.m.

Roll Call

Directors Present: Neil Schild and Robert Wichert.

Directors Absent: None.

Staff Present: General Manager Robert Roscoe, Dan York and Christine Bosley.

Public Present: William Eubanks, Chantelle Garvin, Dave Jones and Lynne Yost.

Public Comment

There was no public comment.

Consent Items

1. Notes of the March 4, 2015 Meeting

Chair Schild stated Director Wichert's comments and edits regarding the scope of work should have been included in the Notes of the March 4, 2015 meeting and suggested the Notes not be approved until amended. Director Wichert echoed Chair Schild's statement. General Manager Roscoe responded the Notes were a reflection of what took place at the meeting and Director Wichert's comments were received after the meeting. Additionally, the edit Director Wichert had suggested was with regard to a previously held SSWD water right; the scope of work was related to the Committee's purpose of investigating San Juan Water District's (SJWD) water rights rather than SSWD's water contract. GM Roscoe said staff would continue to pursue SSWD's contract with the City separately from the new legal review of SJWD's rights.

William Eubanks questioned the need to approve the Notes at all given the meeting is an ad hoc meeting and the Notes are not likely to be read by anyone in the future.

GM Roscoe suggested noting Director Wichert's suggested edit in the meeting Notes for the March 24, 2015 meeting as well as noting the edits were received within 24 hours of the March 4, 2015 meeting. Director Wichert moved to approve the Notes of the March 4 2015; Chair Schild seconded. The meeting Notes were approved. The meeting Notes of March 24, 2015 reflect that Director Wichert's comments were received within 24 hours of the March 4, 2015 meeting.

Items for Discussion and Action

2. Request for Qualification Submittals from Potential Legal Firms

Chair Schild stated he needed more time to review the proposals received. Director Wichert suggested the Committee meet again in a week. Director Wichert also suggested staff prepare some type of ranking system, provide the ranking sheet to both Committee members, GM Roscoe and Assistant Manager York, they could each rank the proposals

and then compare the ranking sheets as a start to discussions. Director Wichert suggested the criteria for ranking the firms should be include: qualifications, prior work experience, potential conflicts and hourly rate of lead attorney.

Discussion ensued regarding what might constitute a potential conflict which included firms with clients which receive their water from the American River or those working with any of the SJWD Wholesale agencies.

Mr. Eubanks stated his belief that most public agencies are too focused on costs as a deciding factor. Mr. Eubanks also noted that most of the proposals seem to be in the same general range in cost but that that two of the proposals are much higher than the others and should be thrown out.

The Committee will meet again on March 31, 2015 at 5 p.m.

3. Scope of Services Review

Chair Schild provided a scope of work he authored. Copies were made and distributed to those at the dais as well at the public copies counter. Director Schild stated he preferred the scope of work in the Committee packet to the version GM Roscoe handed out at the meeting. Director Wichert stated he was also happy with the scope of work noted as Exhibit 1 in the Committee packet.

Director Wichert voiced his concern that, should the merger occur, any water expected to come to SSWD ratepayers might end up going to future growth in the SJWD Wholesale areas. Director Wichert would like to see language in the scope of work to review the contract rights of the Wholesale agencies.

Mr. Eubanks commented that in ten years' time the Board may not have a say in districts' water rights as they may be controlled by the State Water Resources Control Board.

Adjournment

Chair Schild adjourned the meeting at 6:14 p.m.

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

Committee Notes

Sacramento Suburban Water District
Ad Hoc Water Rights Review Committee
Tuesday, March 31, 2015

Call to Order

Chair Schild called the meeting to order at 5:03 p.m.

Roll Call

Directors Present: Neil Schild and Robert Wichert.

Directors Absent: None.

Staff Present: General Manager Robert Roscoe, Dan York and Christine Bosley.

Public Present: Brenda Washington-Davis.

Public Comment

There was no public comment.

Items for Discussion and Action

1. Selection of Potential Legal Firm

General Manager Roscoe provided a summary of the last Committee meeting and purpose of this meeting.

Chair Schild, Director Wichert, General Manager Roscoe and Assistant General Manager York each provided the names of the firms they believed were the best candidates and discussed the pros and cons of each of those firms. The Committee also discussed perceived conflicts of interest and set those firms aside. The top choices were Herum/Crabtree/Suntag, The Davis Group, Gallery and Barton, and Young Wooldridge.

There was discussion regarding attorney fees, their experience relative to the expected scope of work. The Committee selected The Davis Group and directed staff to negotiate a scope of work with the selected firm.

2. Scope of Services Review

Director Wichert stated he had concerns regarding potential growth in the San Juan Water District (SJWD) service area which could limit the ability of SJWD to provide water in the future to the SSWD service area. The Committee agreed it was important to investigate that question. There were also questions with regard to the pre-1914 water right and how the State Water Resources Control Board views SJWD's water rights settlement as well as water contracts with other agencies. A scope of work will be emailed to Chair Schild and Director Wichert for review before sending to The Davis Group. Once the scope of work is negotiated with the legal firm, GM Roscoe will check to see if the funds are in his budget. If funds are available, GM Roscoe will move forward. If the funds are not available, an item will be presented to the Board for consideration.

Adjournment

Chair Schild adjourned the meeting at 5:52 p.m.

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

**REGIONAL WATER AUTHORITY
EXECUTIVE COMMITTEE AGENDA**

**March 25, 2015; 8:30 a.m.
5620 Birdcage Street, Suite 110
Citrus Heights, CA 95610
(916) 967-7692**

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**
 - Minutes of the February 25, 2015 Executive Committee meeting.
Action: Approve Consent Calendar item.
- 4. FY 2015 – 2016 BUDGET**

Information Presentation and Discussion of FY 2015 – 2016 Budget.
Action: Recommend temporarily “capping” the Operating Fund at four months in anticipation of directing funds towards the Strategic Plan fund.
Action: Recommend RWA Board approval of proposed FY 2015-2016 Budget and fees.
- 5. PRELIMINARY POSITIONS ON 2015 LEGISLATION**

Information Presentation and Discussion - John Woodling, Executive Director, and Dave Brent, Water Policy Advisor.
Action: Adopt Positions on 2015 California Assembly and Senate Bills.
Action: Adopt Position on Federal Bill HR 1060.
- 6. 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**
- 7. EXECUTIVE DIRECTOR'S REPORT**
 - a) Government Affairs Update
 - b) Water Efficiency Program Update

- c) Grants Update
- d) RWA Outreach
- e) Financial Reports

8. DIRECTORS' COMMENTS

ADJOURNMENT

Upcoming meetings:

Upcoming Executive Committee Meetings – Wednesday, April 29, 2015 and May 27, 2015; 8:30 a.m.; RWA office.

Next RWA Board of Directors' Meeting – Thursday, May 14, 2015, 9:00 a.m.; RWA conference room, 5620 Birdcage Street, Ste. 110, Citrus Heights, CA 95610

SACRAMENTO GROUNDWATER AUTHORITY REGULAR MEETING OF THE BOARD OF DIRECTORS

Thursday, April 9, 2015; 9:00 a.m.

5620 Birdcage Street, Suite 110

Citrus Heights, CA 95610

(916) 967-7692

AGENDA

The Board will discuss all items on this agenda, and may take action on any of those items, including information items and continued items. The Board may also discuss other items that do not appear on this agenda, but will not act on those items unless action is urgent, and a resolution is passed by a two-thirds (2/3) vote declaring that the need for action arose after posting of this 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 Board may do so at this time. Please keep your comments to less than three minutes.

3. CONSENT CALENDAR

Minutes of February 12, 2015 meeting.

Action: Approve Consent Calendar item.

4. SGA GROUNDWATER MANAGEMENT PROGRAM UPDATE

Information Presentation: Rob Swartz, Manager of Technical Services.

5. STUDY OF THE PRESENCE OF TETRACHLOROETHYLENE (PCE) IN GROUNDWATER IN NORTH SACRAMENTO COUNTY

Information Update: Rob Swartz, Manager of Technical Services.

Action: Authorize the Executive Director to submit a Categorical Exemption under the California Environmental Quality Act (CEQA) for the installation of monitoring wells.

Action: Authorize the Executive Director to enter into an agreement for monitoring well installation, operation, maintenance and inspection with the City of Roseville.

6. FISCAL YEAR 2015-2016 BUDGET

Information Presentation: Discussion of proposed FY 2015-2016 budget.

7. CONTRACT FOR PROFESSIONAL AUDITING SERVICES

Information Presentation: John Woodling, Executive Director.

Action: Authorize the Executive Director to contract with Richardson and Company to provide for professional auditing services for SGA's fiscal year 2015 audit. The contract shall not exceed \$21,500 for the FY 2015 audit.

8. GROUNDWATER SUSTAINABILITY AGENCY

Information Presentation: John Woodling, Executive Director.

9. EXECUTIVE DIRECTOR'S REPORT

- a. Government Affairs Update
- b. Drought Update
- c. Financial Reports

10. CLOSED SESSION UNDER GOVERNMENT CODE SECTIONS 54954.5(C) AND 54956.9(D) – UPDATE ON CALPERS AUDIT OF RWA AND CALPERS CONTINUED OBLIGATION TO PROVIDE PENSION BENEFITS TO RWA EMPLOYEES.

11. DIRECTORS' COMMENTS

ADJOURNMENT

Next SGA Board of Director's Meeting – June 11, 2015, 9:00 a.m., RWA/SGA office, 5620 Birdcage Street, Ste. 110, Citrus Heights.

2015 WATER FORUM DRY YEAR CONFERENCE #1

AGENDA

TUESDAY, MARCH 17, 2015

1:00-4:30 P.M.

TSAKOPOULOS LIBRARY GALLERIA – WEST ROOM

828 I STREET

SACRAMENTO, CA 95814



**Please Note
Location**

1. Introductions / Agenda Review
2. Disclosures
3. Updates
 - a. Weather Forecast
 - b. Folsom Storage & Operations Forecast
 - c. Fisheries Status
 - i. Flow and Habitat in the LAR – Chris Hammersmark
 - ii. Discussion
 - iii. Word from Fish Agencies
 - iv. Other
4. Drought Response & Alternative Supplies
 - a. Update on Regional Demand Management – John Woodling
 - b. Groundwater update: Rob Swartz
 - c. Agency Reports: 2015 Water Supply Picture
 - d. Discussion
 - e. Other
5. Next Steps
6. Adjourn

Agenda Item: 37

DIV 5

From: Greg Bundesen
Sent: Friday, March 13, 2015 12:03 PM
To: @gmail.com
Cc: Annette O'Leary; James Arenz
Subject: RE: Water to do with my large lawn

Mr.,

Thank you for contacting the District regarding your current landscape situation. As you are well aware, California is entering its fourth year of drought and projections are showing these conditions may last for several more years. I would suggest that you replace your lawn with a California Native garden using the River Friendly Gardening Principles. There are several resources available that will provide information about planning and installing a River Friendly Garden. EcoLandscape California (www.ecolandscape.org) is a great resource for getting started if that is a direction you would be willing to consider. EcoLandscape also maintains a list of Green Gardener Professionals if you would like a consult. The Green Gardeners are landscape professionals that have been trained in the Principles and applications of River Friendly Gardening. Please let me know if you have any questions.

If you are planning on keeping your lawn, I would suggest watering in the cooler hours of the morning or evening and using eco-friendly fertilizers to bring it back to good health. I would also use a cycle and soak method of watering; watering for shorter periods of time with more cycles (example: set 5 cycles of 2 minutes instead of 1 cycle of 10 minutes, etc.). This will allow the water to percolate down to the root zone while minimizing the chances for runoff or gutter flooding. Again, thank you for sending in your question. Please let me know if you have any questions.

Regards,

Greg Bundesen
Sacramento Suburban Water District
Water Conservation Supervisor

From: Richard [[mailto: @gmail.com](mailto:@gmail.com)]
Sent: Wednesday, March 11, 2015 2:38 PM
To: feedback
Subject: What to do with my large lawn

I have a lawn about the size of a football field, I did not water it last year because I am on a meter. Any suggestions what can be done to it this year?(it does not look good) Richard, Sierra Madre Dr. Sac. 95864

DIV 3

From: Greg Bundesen
Sent: Wednesday, March 18, 2015 10:35 AM
To: rich.
Cc: Annette O'Leary; James Arenz
Subject: RE: Annette O'Leary

Mr.

Thank you for your inquiry about the District's rebate programs. The District is not currently offering rebates for hot water recirculation units. We will be performing a Water Conservation Master Plan this year and we will evaluate and consider several different rebate programs. Your feedback is very welcome about which types of rebate you would like us to consider. We are currently conducting a survey regarding our water conservation program. I would like to invite you to take the survey and provide us with your feedback. The Survey can be found on our website, www.sswd.org. If you have any further questions, please do not hesitate to contact me.

Regards,

Greg Bundesen
SSWD, Water Conservation Supervisor

From: Rich [<mailto:rich.>]
Sent: Wednesday, March 18, 2015 7:23 AM
To: feedback
Subject: Annette O'Leary

Hello,

I am purchasing a hot water recirculation unit to put in our home in Citrus Heights to reduce the wasted water while waiting for the hot water to get to the faucet. Is there a rebate offered by SSWD? I see that the San Juan Water District offers a \$100 rebate.
<http://www.chilipepperapp.com/Rebate.htm>

Thank you for your help.

Regards,
Rich

DIV 4

Subject: Director Kevin M. Thomas
From: Dan York <dyork@sswd.org>
To: Bill Eubanks <@surewest.net>
CC: Kevin Thomas <kevint10000@gmail.com>, Christine Bosley <cbosley@sswd.org>

Bill,

I was asked by Director Thomas to respond to your email below:

To address the first part of your question, the 20% reduction in water use is not State mandate, it is a State goal. There is no repercussions to a water agency for not meeting the State's 20% reduction goal. The only mandatory requirements were to implement water shortage contingency plans to a level where restrictions on outdoor irrigation are mandatory or, urban water suppliers without a plan, or without an adequate plan, must either mandate that outdoor irrigation be reduced to no more than two times a week or implement other types of mandatory use restrictions that could provide a comparable savings.

The only reductions in water use that are mandated by the State is SBx7-7, or the 20% by 2020 mandate, of which the District is on track to meet.

RWA stated that the District's water use dropped by 16%, when actually water use dropped by 17% in 2014 when compared to 2013. I have directed staff to contact RWA to correct this number.

I have staff attempting to ensure that this information is simpler to understand for the Board reports, and the website, going forward.

If you have any additional questions, please feel free to contact me.

Regards,
Dan York
Assistant General Manager
Sacramento Suburban Water District

From: Bill [[mailto: @surewest.net](mailto:@surewest.net)]
Sent: Wednesday, March 18, 2015 5:42 PM
To: feedback
Subject: Director Kevin M. Thomas

Director Thomas

I have what I consider to be a simple question. Where does SSWD stand in comparison to the SWRCB mandate to cut water use by 20%. My understanding is that the bench mark year is 2013. It is also my understanding that In 2014 water use dropped 16% compared to 2013? Based upon the information I gleaned from the SSWD WEB site and the conservation information included in the Board packet for the March 16th Board meeting; water dropped somewhere between 1% and 6.6% in January of 2015 compared to 2013. Where does SSWD stand in comparison to the 20% mandate?

Best Regards
Bill

DIV 2

From: Greg Bundesen
Sent: Monday, March 30, 2015 3:13 PM
To: Sonia
Cc: Annette O'Leary; James Arenz
Subject: RE: Greg Bundesen

Ms.,

Thank you. Your feedback is very appreciated.

Regards,

Greg Bundesen
Sacramento Suburban Water District
Water Conservation Supervisor
916-679-2890

From: Sonia [mailto: @gmail.com]
Sent: Sunday, March 29, 2015 10:42 PM
To: Greg Bundesen
Cc: Annette O'Leary; James Arenz
Subject: Re: Greg Bundesen

Thank you,

I completed the survey and wrote a few more emails various organizations to encourage the development of a rebate program in our district sooner than later because conservation shouldn't be delayed.

I visited my friend's home in Citrus Heights this weekend because she was featured on Good Day Sacramento for participating in her water/sewer district's program. She received \$2,750 toward the \$12,000 cost to remove all of her grass and replace it with drought tolerant plants. As strongly as I feel about this issue, as a new homeowner, I am not in a position to make such a financial investment in this change without the support of my water district. My entire property is grass, so I had no choice but to purchase a lawnmower this weekend, to maintain the existing landscape that came with my home.

Please take my comments to your next meeting. I think there are many people in my position and my neighborhood who would participate in a rebate program to conserve water.

Sonia

On Mar 5, 2015, at 3:35 PM, Greg Bundesen <gbundesen@sswd.org> wrote:

Dear Sonia,

Thank you for your comments regarding cash for grass programs. The District is exploring the option of a cash for grass program and may have one in the future; however, we do not currently offer a cash for grass program. The District will be conducting a Water Conservation Master Plan this year in which we will investigate all avenues of water conservation. Again, thank you for your comments. I would also like to invite you to take part in our Water

Conservation Customer Survey being conducted on our website, www.sswd.org. Thank you again.

Regards,

Greg Bundesen
Sacramento Suburban Water District
Water Conservation Supervisor

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

From: Sonia [<mailto:@gmail.com>]
Sent: Wednesday, March 04, 2015 11:10 PM
To: feedback
Subject: Greg Bundesen

Hi,

I bought my first home in November on a clean street with older homes that seemed to be well maintained. I think the area is called Cottage Creek. The only thing separating each front yard is a driveway because there is an outdoor carpet of green. I think it's an absolute waste of water to maintain lawns during such a serious drought and believe it's time to change our landscapes to be responsible. Conservation doesn't mean yards have to be lifeless. I have seen the amazing success Roseville has had with their rebate program that rewards people for pulling up their lawns and putting drought tolerant plants in their place.

There needs to be an incentive to convince people to change the appearance of their landscapes. I can't find a similar program when I search the SSWD website. Are you the person to contact about this topic? Can you tell me if there is a rebate program for Arden neighborhoods near Marconi, Watt, El Camino and the surrounding area?

Thank you,

Sonia

DIV 3

From: John Valdes
Sent: Monday, March 30, 2015 3:06 PM
To: Christine Bosley
Cc: Annette O'Leary; James Arenz
Subject: Thank You from Customer

Christie—

Jim Arenz received a voice mail message on Friday from a customer that he transferred to me. It is a thank you for Employee 109 which happens to be Song Dang. The customer did not leave a name or phone number. Below is the message verbatim.

Thanks.

John

"I want to say thank you. I live at Enfield. I got a notice on my post that they were going to be shutting my water off. It was by Employee 109. I want to say thank you for letting us know plenty of time in advance. I just want to say thank you very much and I appreciate that. Good bye."

DIV 5

From: Steve r [mailto:s@msn.com]
Sent: Friday, April 03, 2015 2:37 PM
To: Christine Bosley
Subject: RE: Christine Bosley

Ms. Bosley,

Thank you very much for your kind response...it was very helpful! See you at the meeting.

Respectfully, Steve

From: Christine Bosley
Sent: Friday, April 03, 2015 2:31 PM
To: s@msn.com
Cc: Annette O'Leary
Subject: RE: Christine Bosley

Dear Mr,

We are delighted to hear that you are happy with the project and the Board would welcome your comments.

You do not need to request to speak in advance, simply come to the meeting and fill out a comment card. There is a box on the comment card you would check to speak regarding non-agendized items. The first order of business is to receive public comment and that is when you would have the opportunity to speak. I sit at the end of the dais, so after you fill out the comment card, please give it to me and I will deliver it to the Board President. We look forward to meeting you.

If you have any questions, please don't hesitate to contact me.

Regards,
Christine Bosley
Executive Assistant to the General Manager

From: Steve [mailto:s@msn.com]
Sent: Friday, April 03, 2015 12:48 PM
To: feedback
Subject: Christine Bosley

Dear Ms. Bosley,

I am a customer that resides on Lloyd Lane in the Santa Anita tract; we currently are in the midst of water main and meter projects.

My wife and I are delighted that we are getting meters, and we are also delighted with the Doug Veercamp and GM Construction companies that are handling the projects. Every member of their crews are exceptionally thoughtful, considerate, fastidious, and wonderfully gracious as they engage in what is inherently a disruptive process. You could not hope to find better folk!

I believe that your next board meeting is scheduled for the 20th of April, and if possible, I would like to briefly address the board with our compliments both for their stewardship of our water supply, and for choosing Doug Veercamp and GM construction as the folks who are handling the project.

Do I need to request to address the board in advance? May I merely show up at the meeting and sign up at that time for my brief comments? I am not certain of the proper protocol and would appreciate any guidance you might offer.

Respectfully,
Steve
Lloyd Lane, Sacramento

DIV 2

From: Neil Schild [mailto:Neil.W.Schild@mwhglobal.com]
Sent: Friday, April 03, 2015 3:32 PM
To: @gmail.com
Cc: Robert Roscoe; Christine Bosley
Subject: SSWD Water Conservation Practices

Welcome to the Arden Arcade area which most of feel is a very nice place to live. I have personally lived here for 43 years and raised a family.

As you are aware the Governor has made a declaration for 2015 water supply reduction of 25% for urban neighbor hoods similar to the one served by Sacramento Suburban Water District. I interpret this 25% to be from recent normal water deliveries and not an additional 25% on top of the 20% achieved last year.

The board of directors has reviewed last year's water conservation policy and made some changes recently awaiting the water conservation goals that most hoped would be used by at least some of the water agencies in the Sacramento area. Now that this 2015 water use reduction declaration has been made and most of the normal wet and rainy season is behind us this Water Conservation policy will again have to be reviewed and any changes adopted by the board.

There is a regular meeting of the Board of Directors scheduled for April 20 at 6:30 pm in the board room of the office at 3701 Marconi Avenue. Water Conservation will be on the agenda as I have contacted others that I know are interested in water conservation and they plan on attending the meeting on the 20th. As to forecasting what might come out of that meeting that would be risky. The district spends budgeted funds currently to administer the water conservation program but the reason you were told there weren't dollars budgeted for changing current landscape to a low or no water use type of landscaping is accurate. A part of the revised water conservation could be taking some of the money budgeted for use in 2015 from current water conservation programs, to change to budget some money to assist customers in changing the landscape to assist in the district in attaining the 25% reduction in water use for 2015.

One item that has to be kept in mind is the sum of money that can be spent on changing landscaping can be very large. For funding a change in landscape to make much of an impact would take quite large sums of money. I emphasize that rebudgeting any significant sums of money in 2015 to pay customers to alter landscaping is unlikely to occur. A long term application of money for this purpose definitely would provide benefits but only create a small impact on 2015.

I do appreciate your input on this critical issue and would look forward to seeing and receiving further input from you and others at the board meeting where other interested public will be in attendance.

s/Neil W. Schild

Neil W. Schild
Director of SSWD, Division 2

From: Sonia [mailto:@gmail.com]
Sent: Sunday, March 29, 2015 9:58 PM

To: feedback

Subject: Director Neil W. Schild

Dear Mr. Schild,

I am a first time home-owner in the Cottage Creek neighborhood north of El Camino and west of Watt. I couldn't help but notice my street (Kentfield Drive) and all of the surrounding streets have solid green front yards with 1950's lawns. My entire front and back yard are one hundred percent lawn. The news and my friends in surrounding areas like Citrus Heights, Roseville and those in the City limits have convinced me this serious drought is a reason to change our landscape to drought tolerant plants in place of lawns. My friend in Citrus Heights showed her new yard on Good Day Sacramento last year after participating in her district's program. She received \$2,750 toward \$12,000 in costs to replace her lawns with drought tolerant, native California plants.

I think my neighbors would follow this new way of thinking if the SSWD would join the other forward thinking water districts that have offered rebate programs as an incentive to make this change. Unfortunately, after writing the SSWD earlier this month, I learned that there is no rebate program being offered in this district. I do not want to be the first and only one to make such a drastic change and as a new home-owner cannot afford to make these changes without the support of my water district. Due to the fact that there is currently no rebate program in our district and we are now in spring, I had to go against my conscience this weekend, and purchase grass seed and a lawnmower to maintain the existing landscape that came with my home.

If you are not in the process of designing a rebate program to remove lawns at this time, I hope you consider the importance of this issue and how you can make a difference in the conservation of water during this historical drought.

Thank you for your time and consideration,

Sonia

DIV 3

From: Greg Bundesen
Sent: Monday, April 06, 2015 1:49 PM
To: @ymail.com
Cc: Annette O'Leary; James Arenz
Subject: Cash for Grass

Mr.

Thank you for your comments regarding cash for grass programs. The District is exploring the option of a cash for grass program and may have one in the future; however, we do not currently offer a cash for grass program. The District will be conducting a Water Conservation Master Plan this year in which we will investigate all avenues of water conservation. Again, thank you for your comments. I would also like to invite you to take part in our Water Conservation Customer Survey being conducted on our website, www.sswd.org.

Thank you again.

Greg Bundesen
Sacramento Suburban Water District
Water Conservation Supervisor

From: James [mailto:@ymail.com]
Sent: Monday, April 06, 2015 10:06 AM
To: feedback
Subject: Cash for Grass

I want to replace all of my front lawn with hard-scaping and water-saving plants. I understand that a rebate program will be in place soon for this and I would like to take advantage of it. In fact, I would like to start immediately. Is such a program available yet or when will it be? Is it possible to complete the work now and apply for the rebates later? Please let me know.

Jim Carmichael, CA

DIV 2

From: Dan Bills
Sent: Monday, April 06, 2015 2:30 PM
To: @gmail.com
Cc: Christine Bosley; Robert Roscoe
Subject: Questions for you

Good afternoon Mr..

Answers to your questions are provided in blue below. Going forward you can send your inquiries regarding the Phase 2A Report to my attention and I will respond promptly.

Thank you for your interest in the District.

Dan Bills
Finance Director
Sacramento Suburban Water District

From: Glenn [mailto:@gmail.com]
Sent: Saturday, April 04, 2015 3:58 PM
To: Christine Bosley
Subject: Questions for you

Christine,

Yes, your neighborhood pest is back. ☹ I was thinking, since most of my questions will need to be answered by Mr. Roscoe, do you want me to address my questions directly to him?

In the Phase 2A study, it mentions that the CTP was constructed in 1996 and that the ATP was later connected. to it. Can you tell me when that happened?

The CTP and the ATP were constructed at about the same time and connect SSWD to SJWD. The Pipelines were constructed in 1997 and put into service in early 1998.

It also mentions an "intertie" between the districts. Please describe this intertie and when was it constructed. Can you describe its purpose?

Interties are valves that connect distribution pipelines between water agencies. SSWD has a total of 49 emergency interties with neighboring water agencies. The purpose of such interties is to provide or receive water in cases of emergency. SSWD has 6 interties with Citrus Heights Water District, which receives surface water from SJWD. The interties were constructed at various times over the District's history.

Presently, there is a "Pumpback" project under construction between SJWD and SSWD that involves sending SSWD water back up the CTP into the Granite Bay Area served by SJWD. SJWD is paying the full cost of this project with SSWD water subject to various stringent conditions, including availability and Board prior approval.

Thanks,
Glenn

No DIV

From: James Arenz
Sent: Monday, April 06, 2015 2:39 PM
To: '@gmail.com'
Cc: Annette O'Leary; Doug Cater
Subject: FW: Annette O'Leary

Danae,

Please accept my apologies for my tardiness in responding to your very kind and appreciative email. It is always a pleasure to hear positive feedback about our staff, especially when they perform above and beyond their normal call of duty.

Thank you again for your kind words. They have been passed along to the staff member involved as well as to his supervisory staff.

Sincerely,

James Arenz
Operations Manager
Sacramento Suburban Water District

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

From: Danae [<mailto:@gmail.com>]
Sent: Tuesday, March 17, 2015 11:32 AM
To: feedback
Subject: Annette O'Leary

Hi Annette,

I just wanted to let you know of something that happened today that I witnessed an employee of SSWD do something above and beyond. There was a car accident that I witnessed on Auburn Blvd. around 1030 this morning. Behind one of the cars that was involved was a SSWD truck and a gentleman immediately got out of the truck and made sure everyone was okay. Then within a minute or so, right around when the cops began to arrive, he began to sweep the street and make sure debris was cleared for other traffic to pass which was at a standstill. He then had a large pile of trash that he scooped up and used his shovel to place it in his trash can. The officers expressed their appreciation for his efforts and in as little as 5 minutes he had changed what the outcome could have been for traffic and officers and people involved in the accident. Its refreshing to see someone act outside of their job duties and be such a positive impact on the community as a whole.

Thank you,
Danae

DIV 1

Christine Bosley

Subject: FW: Phase 1 study
Attachments: BKS Legal Review.pdf; SSWD SJWD Joint Board Meeting (Item 1 - 3 of 3) Exh 2 Presentation.pdf

Good afternoon Mr.

I am more than happy to answer your questions.

While I do not have access to all the source documents that Municipal Consulting Group used to put together the Phase 1 report, I do have one key piece of information that was prepared by the law firm of Bartkiewicz, Kronick & Shanahan. I have attached their legal report for you. I also have access to some slides that were presented to the Joint Boards at the meeting when the Phase 1 Study was accepted. This is also have attached for your information as well.

If I can be of any further assistance, please do not hesitate to contact me.

Dan

Dan Bills
Finance Director
Sacramento Suburban Water District
3701 Marconi Avenue, Suite 100
Sacramento, CA 95821-5346
Phone: (916) 679-3970
Fax: (916) 972-7639
Email: dbills@sswd.org

From: Glenn [\[mailto: \]](mailto:)
Sent: Wednesday, April 08, 2015 1:31 PM
To: Dan Bills
Subject: Phase 1 study

Mr. Bills, I finally found a document titled Phase 1 High-Level Feasibility Analysis for Water Supply Reliability. I read it with interest because it provides a lot of support for many of the conclusions of the Phase 2 report. Unfortunately, as I read it, I found that it was simply a report of the findings of the study, if I can call it that, without any basis for those findings.

Is there any way I can see the report of what the study looked at? What did they review, what documents did the study use for some of their findings and are those same documents available to me? Did they interview officials from other agencies and can I see a copy of those interviews? Do you get my drift, Mr. Bills? I need a lot more information and, I am sorry, but you are my best source. It is good to read the conclusions of others, but for me to make my comments to the Phase 2 report, I need to go back to the Phase 1 report. I need to know why or how they reached those conclusions, What information did they use and how they got that information and how reliable is that information.

I really appreciate the help you and others at SSWD have given me. Think of it this way, There is only 2 more weeks before I have to submit my comments and this will all be over. :)

Regards,
Glenn

DIV 1

Christine Bosley

Subject: FW: Questions for you
Attachments: Mutual Aid Agreement - Template July 2015.doc

From: Dan Bills
Sent: Tuesday, April 07, 2015 3:19 PM
To: Glenn
Cc: Christine Bosley; Annette O'Leary
Subject: RE: Questions for you

Good afternoon Mr.

I appreciate your questions and am more than happy to respond.

Please see my answers in blue below.

Dan Bills
Finance Director
Sacramento Suburban Water District
3701 Marconi Avenue, Suite 100
Sacramento, CA 95821-5346
Phone: (916) 679-3970
Fax: (916) 972-7639
Email: dbills@sswd.org

From: Glenn [mailto:]
Sent: Monday, April 06, 2015 3:53 PM
To: Dan Bills
Subject: Re: Questions for you

Mr. Bills, Thank you for your prompt reply. I don't want to take up too much of your time, but your answers were helpful and also led me to a few more questions. You characterized the interties as emergency interties. What constitutes an emergency? Who can call an emergency? Does it fall under the purview of one of the regulatory agencies that are so prevalent in our state bureaucracy?

To begin, emergencies go both ways. In other words, through the interties the District can provide or receive water.

I have attached a copy of the District's standard template Mutual-Aid Agreement with neighboring water agencies that describes what an emergency is and the procedures to be followed when an emergency is declared (see Article II. E. on page 2 and Article III on page 3). Also, please note this agreement template is used by other water agencies between each other as well. It's not just an SSWD document.

No regulatory state or county agency controls the mutual aid agreements.

Is there an estimate as to when the pumpback project will be completed and available for use?

The pumpback project is currently scheduled for completion in September. The timeframe being driven largely due to delivery of the pumps as pump manufacturers are experiencing high demand due to the drought.

Thanks,
Glenn
PS: May I call you Dan?

On Mon, Apr 6, 2015 at 2:30 PM, Dan Bills <dbills@sswd.org> wrote:

Good afternoon Mr.

Answers to your questions are provided in blue below. Going forward you can send your inquiries regarding the Phase 2A Report to my attention and I will respond promptly.

Thank you for your interest in the District.

Dan Bills
Finance Director
Sacramento Suburban Water District
3701 Marconi Avenue, Suite 100
Sacramento, CA 95821-5346
Phone: (916) 679-3970
Fax: (916) 972-7639
Email: dbills@sswd.org

From: Glenn [mailto:]
Sent: Saturday, April 04, 2015 3:58 PM
To: Christine Bosley
Subject: Questions for you

Christine,

Yes, your neighborhood pest is back. ☹ I was thinking, since most of my questions will need to be answered by Mr. Roscoe, do you want me to address my questions directly to him?

In the Phase 2A study, it mentions that the CTP was constructed in 1996 and that the ATP was later connected. to it. Can you tell me when that happened?

The CTP and the ATP were constructed at about the same time and connect SSWD to SJWD. The Pipelines were constructed in 1997 and put into service in early 1998.

It also mentions an "intertie" between the districts. Please describe this intertie and when was it constructed. Can you describe its purpose?

Interties are valves that connect distribution pipelines between water agencies. SSWD has a total of 49 emergency interties with neighboring water agencies. The purpose of such interties is to provide or receive water in cases of emergency. SSWD has 6 interties with Citrus Heights Water District, which receives surface water from SJWD. The interties were constructed at various times over the District's history.

Presently, there is a "Pumpback" project under construction between SJWD and SSWD that involves sending SSWD water back up the CTP into the Granite Bay Area served by SJWD. SJWD is paying the full cost of this project with SSWD water subject to various stringent conditions, including availability and Board prior approval.

Thanks,

DIV 1

Christine Bosley

Subject: FW: Phase 1 study

From: Dan Bills
Sent: Wednesday, April 08, 2015 4:00 PM
To: Glenn
Cc: Christine Bosley; Annette O'Leary
Subject: RE: Phase 1 study

Hi Mr.

I will reach out to Municipal Consulting Group and see what they are willing to provide. It may be a few days, but I will get back to you as soon as I receive information from them.

Thank you for your interest in the District.

Dan Bills
Finance Director
Sacramento Suburban Water District
3701 Marconi Avenue, Suite 100
Sacramento, CA 95821-5346
Phone: (916) 679-3970
Fax: (916) 972-7639
Email: dbills@sswd.org

From: Glenn [mailto:]
Sent: Wednesday, April 08, 2015 3:12 PM
To: Dan Bills
Subject: Re: Phase 1 study

Mr. Bills,

Thank you for your prompt reply. The legal review from BKS was very informative, but the slides were less than helpful. Is it possible for you to contact MCG and ask them if they would respond to my request for additional information? I wouldn't ask, but with out more background information I might be unable to properly address my concerns.

Thanks again,
Glenn

Christine Bosley

Subject: FW: Municipal Consulting Group

From: Dan Bills
Sent: Friday, April 10, 2015 12:31 PM
To: Glenn
Cc: Robert Roscoe; Christine Bosley; Annette O'Leary
Subject: RE: Municipal Consulting Group

Good afternoon Mr.

In checking with Municipal Consulting Group (MCG), I became aware that the only information available to the districts and public is information/reports MCG delivered to the water districts. Therefore, if you could provide me with specific information you are looking for, I will be happy to search the records of each district and provide you with information to the extent it is available.

Thank you.

Dan Bills

Dan Bills
Finance Director
Sacramento Suburban Water District
3701 Marconi Avenue, Suite 100
Sacramento, CA 95821-5346
Phone: (916) 679-3970
Fax: (916) 972-7639
Email: dbills@sswd.org

From: Glenn [\[mailto: \]](#)
Sent: Friday, April 10, 2015 10:10 AM
To: Dan Bills
Subject: Re: Municipal Consulting Group

Mr. Bills, I am wondering if your contact at Municipal Consulting Group have given you any information regarding my request. If it would help, I am willing to go to their office, assuming it is in Sacramento, and pick up anything they would have for me. I will even pay for copying if it is within reason.

Thanks for your help,
Glenn

Received

NO DIV

APR 13 2015

April 9, 2015

SSWD

To: **Governor Jerry Brown**
State Capitol, Suite 1173
Sacramento, CA 95814

From: **Reynaldo**
Durfee Way
Sacramento, CA 95831

[@hotmail.com](#)

RE: Potential Solution to California Water Crisis

Dear Governor Brown,

I am writing to you to propose an innovative and accessible solution to the California Water Crisis. I am a concerned citizen with innovative ideas; some of them have been patented and would like to offer my creativity to solve the Water Crisis we are facing in California. My idea is the following: to bring water from other states, some of which are experiencing flooding, using a hose system running under water.

The network of hoses will start at different points along the states of Washington and Oregon, close to key delta rivers, the water then will then run under the Ocean, using a flexible hose system floating under water. The hose will be anchored by weights attached at specific distances to allow some swaying at the same time that keep the hose on the same spot. The ability to sway is important to avoid a negative impact to the ecosystems along the path of the hose. Once the hose reach the Cost of California, it would be connected to water treatment plants that then will be in charge of processing the water and deliver it to either human consumption or agricultural uses.

I hope you find this idea worth of attention, I am eager to discuss details of the project with your team of experts to make this a reality. If it was possible to build a pipe system to move oil out of Alaska, it will be possible to build a hose system to bring water to California, before it is too late, and permanent damage is done to our agriculture and our ecosystems. I look forward to hearing from you.

Respectfully,

Reynaldo

Ccp / Robert Roscoe P. E., General Manager, Sacramento Water Board
Neil W. Schild, President of the, Ad-Hoc Water Banking and Transfer Committee, Sacramento
Water Board

Christine Bosley

Subject: FW: Public Comment on Phase 2 report

DIV 1

From: Dan Bills
Sent: Wednesday, April 15, 2015 8:14 AM
To: Glenn
Cc: Neil.W.Schild; Robert Roscoe; Christine Bosley; Annette O'Leary
Subject: RE: Public Comment on Phase 2 report

Good morning Mr.

No, you may comment on any issue related to the Phase 2A report or the process being considered. We are soliciting any and all comments from the public for delivery to the Committee. So that we may correctly characterize your comments, we were hoping that comments asking for specific change in document language be provided to us as edits to the document. Comments not specific to document language, can be provided in any form or format that is most comfortable for you. Either way, your comments we will be passed on to the Committee for their consideration.

By the way, the Committee has extended the comment period to June 5th.

Take care Mr. Jorgensen. We appreciate your interest in the District.

Dan Bills

Dan Bills
Finance Director
Sacramento Suburban Water District
3701 Marconi Avenue, Suite 100
Sacramento, CA 95821-5346
Phone: (916) 679-3970
Fax: (916) 972-7639
Email: dbills@sswd.org

From: Glenn [mailto:]
Sent: Tuesday, April 14, 2015 2:11 PM
To: Dan Bills
Subject: Re: Public Comment on Phase 2 report

Mr. Bills, Thank you for that information. However, something you said makes me wonder if I am approaching this the correct way. Is the purpose of these public comments just to address the content of the report?

I will be honest with you, My comments will have little to do with the content of the report other than to challenge its validity. My purpose in submitting comments is to demonstrate that there is no need to consolidate the two districts at all. I intend to show that both SSWD and SJWD would be better off staying independent districts and continuing to utilize the conjunctive infrastructure and agreements that already exist. By the way, I much prefer the word cooperative rather than conjunctive, but I suppose that's just me.

Thanks,
Glenn

On Tue, Apr 14, 2015 at 1:49 PM, Dan Bills <dbills@sswd.org> wrote:

Good afternoon Mr.

Apologies for the delay in not responding quicker. Part of the reason for the delay is due to the 2x2 Ad Hoc Water Management Committee receiving requests to allow more time to accept public comments. While not formally announced at this time, I expect to have an announcement of a time extension by this Thursday. As soon as I hear, I will send you the formal announcement.

To answer your questions below, you can respond in whichever fashion is most convenient for you. However, for ease in processing, if your comments address specific language in the report, it would be best if you could send me those pages of the report with your suggested changes written on them. If your comments are more general in nature, then providing your responses in an email works fine. From our side, we just want to make sure we understand what your comments are, so that we can correctly convey them to the Committee members for their consideration.

Myself and staff from SJWD continue to look for certain documents to send your way that were used by MCG in the Phase 1 report that we may have in our possession. I will respond to you with what I have by Thursday as well.

Again, thank you for your interest in the District.

Dan Bills

Finance Director
Sacramento Suburban Water District
3701 Marconi Avenue, Suite 100
Sacramento, CA 95821-5346
Phone: (916) 679-3970
Fax: (916) 972-7639
Email: dbills@sswd.org

From: Glenn Jorgensen [<mailto:glenjrg@gmail.com>]
Sent: Sunday, April 12, 2015 7:38 PM
To: Dan Bills
Subject: Public Comment on Phase 2 report

Mr. Bills, While I still need and hope that you can send me the information I recently asked for, I also need some information on how I make my comment on the public Phase 2 Report. To wit: Who do I address it to? What format should it be, email, mail, etc? Should I submit multiple copies?

I have submitted public comments before, but the situation was different and I was given specific instructions. Other than the due date of 4/25/2015, I have received no instructions.

Your help is and will be appreciated,
Glenn



Agenda Item: 38

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Vanishing water, fewer jobs, but still hope in the Central Valley

BY PETER HECHT PHECHT@SACBEE.COM

02/21/2015 5:38 PM

02/21/2015 10:36 PM



MENDOTA

In this region that calls itself “The Cantaloupe Center of the World,” vast fields that once annually yielded millions of melons lie fallow. And, for some farmers, planting tomatoes and other traditional row crops may now constitute acts of courage.

America’s largest agriculture economy is changing because of a lack of water. Amid a prolonged drought and an anticipated third straight year of cutbacks in federal water supplies, the one assured constant is stress.

Farmers who can afford them are sinking wells, extracting groundwater that works for groves of almonds and pistachios. But the groundwater is generally too salty for crops of vegetables and grains that have made the Central Valley the nation’s food basket. And questions persist over how long the groundwater supplies will last – and whether growers will get enough of the reservoir water they crave.

In California’s \$40 billion agricultural sector, farmers face hard choices on what to plant and how much. They weigh crop losses and the costs of acquiring new ground or surface water supplies against cutting labor or selling off their farms.

Farm fields are shrinking, and working hours for tens of thousands of laborers have been slashed.

“We’re in a severe hole right now,” said Ryan Jacobsen, CEO of the Fresno County Farm Bureau. “And it’s very unlikely we’ll get out of it.”

Farmworkers Cruzana Rayon in Mendota and Flavio Martinez in Madera scrimp on basic staples as their hours plummet. Laid-off farm contract foreman Jose Morado of Hanford seeks a new career. Mendota laborer Carlos Quintero waits in the predawn chill for work that seldom arrives.

Veteran Valley farmer Joe Del Bosque in the rural Fresno County community of Firebaugh is following nearly one-third of his 2,000 acres and reducing payroll 20 percent. Pima cotton grower Todd Allen in Firebaugh feels tortured by anxiety over whether to hang on to farmland passed down from his father.

The challenges are illuminated in Firebaugh. There, Del Bosque, 65, wistfully drives his pickup truck alongside the San Luis Water District Canal that cuts through his property.

The canal normally gets a heavy share of its water from the U.S. Department of Reclamation's Central Valley Water Project. But last year, all federal water supplies were cut off in parts of Fresno, Tulare, Kern, Merced and Madera counties due to the drought conditions. That followed an 80 percent cut in 2013.

Some farmers, including Del Bosque, paid for emergency water supplies, delivered to the canal from far-flung water districts, or drilled new wells.

He watered his almond groves but abandoned his alfalfa crop. He reduced his production of cantaloupes, honeydews, tomatoes, wheat and asparagus. With little or no expectation of any federal water supplies, Del Bosque plans the same crop reductions this year – or more. He has already decided to fallow one 125-acre field that produced 1 million cantaloupes in 2014.

He hopes to maintain work for his two dozen full-time employees but may cut his seasonal workers from as many as 350 in past years to as few as 20.

"It's very scary," said Del Bosque's foreman, Arnaldo Alfaro, 56. He's a veteran equipment operator and field hand whose features are weathered from years of farm labor. He touched his hand to his heart.

"If there is no water, there is no work," he said.

The changes grow

A study by the UC Davis Center for Watershed Sciences estimated the 2014 drought would cost California agriculture \$2.2 billion due to crop loss and increased water pumping charges. The expected loss in agricultural jobs was more than 17,000 seasonal and full-time workers.

In the worst-hit Central Valley, the study estimated that farmers would lose 410,000 acres due to fallowing based on projections that 2014 would be the third worst drought in California history. As it turned out, 2014 was the state's eighth worst drought, but UC Davis agricultural economist Josué Medellín-Azuara said the Valley crop loss may have topped 500,000 acres.

"There are areas that are severely affected by drought, and families depending on agricultural activity for their income will be very severely affected," Medellín-Azuara said. "There will be a ripple effect and poverty."

Mike Wade, executive director for the California Farm Water Coalition in Sacramento, said the crisis may bring lasting change in Valley agricultural practices as "farmers respond to markets, water supplies and what their costs are."

Ground zero for the human impact of farm labor losses may be Mendota, a hamlet of 11,400 mostly Spanish-speaking residents, rows of stucco bungalows in town and ramshackle mobile home parks for migrant workers just outside the city limits.

The high school football team, a perpetual winner in recent years, is made up of kids who often either work in farm fields or are children of farmworkers. The agricultural economy, and the cherished local cantaloupe harvest, normally fills Mendota's beauty salons with customers and keeps the grocery stores, *carnicerías* and *panaderías* in business.

But unemployment in Mendota has hovered between 32 and 39 percent in recent years and is expected to soar much higher if water shortages this year are as bad as last.

"Last summer, we were really expecting to cross 50 percent unemployment, and I think we could cross that this year," said Mendota City Manager Vince DiMaggio. "Seasonal jobs are leaving and more and more full-time jobs are becoming part time with no benefits. So the reality is that you have as many as 70 percent of the people unemployed or underemployed and working in jobs that can't support their families."

At Mendota Migrant Headstart, farmworker and parent volunteer Cruzana Rayon, 30, said she and her husband are getting far less work pruning and binding almond tree branches in the winter or harvesting pistachios or packing melons in the spring and summer.

"We have been so impacted by the lack of water," Rayon said. "They have cut our hours. Before we worked 10 to 11 hours a day, now it's six to eight. Before we had steady work for six or seven months, now it's three or four."

Her family is cutting back on purchases of groceries and clothes. She only occasionally pays the phone bill.

"Right now, I see something like a phone as a luxury," Rayon said. "But I have a daughter with asthma. What if she can't breathe and I can't call if there is an emergency?"

Seasonally limited jobs of pruning trees, spraying fungicide or preparing fields for harvest are shrinking more this winter. And, in Mendota, an increasingly anxious crowd of laborers swells in the predawn hours and again at dusk in the parking lot outside the Lavandería Sonora laundry and the Sonora Department Store, an old art deco building converted to a market and *taquería*.

"I get here between 3 and 4 a.m. and wait in the cold," said Carlos Quintero, an undocumented immigrant from El Salvador who has been working in Valley farm fields since 2010. It's been five months since he had a regular job, harvesting melons in Mendota.

Recently, he found a single day's work. He joined seven other men in the back of a pickup truck hauling laborers to prune pistachio trees for \$9 an hour in Coalinga, an hour away. Quintero returned to the Mendota parking lot every day the next week, dressed smartly in pressed denim jeans, plaid shirt and cap, looking for work but finding none.

Full-time farmworkers are affected as well. Flavio Martinez, 31, a 10-year employee at Del Bosque Farms, 20 miles from Mendota, used to work 70 hours a week. But his hours fell sharply as Del Bosque cut farm payroll.

For Martinez, who earns \$9.50 an hour with health insurance and matching company deposits in a retirement savings account, the change forced him to move into a shared rental house with a second farmworker family to cut expenses. “The impact is tremendous,” he says.

At the Mendota Food Center, the town’s major supermarket, business is down sharply as farmworker families purchase less.

“I’ve worked in the grocery business for 19 years,” said Frank Gonzales, 50, a meat and produce manager. “I never saw things so bad as in 2014, and 2015 looks worse.”

The flow of help

In January 2014, Gov. Jerry Brown declared a drought emergency and announced statewide water conservation goals after vast tracts of farmland were fallowed in 2013. The next month, President Barack Obama visited the Del Bosque farm.

Del Bosque, the son of a farm manager who has been working in agriculture since he was 9, wanted the president to understand the Valley farm economy and the breadth of its production and challenges.

Obama met with Del Bosque in a ranch shop room in a roundtable meeting with farmers, water agency officials, U.S. Agriculture Secretary Tom Vilsack, United Farm Workers President Arturo Rodriguez, Brown, Sens. Dianne Feinstein and Barbara Boxer and U.S. Rep. Jim Costa, D-Fresno.

Afterward, Del Bosque walked with the president through once lush fields, their terraced rows now dried to hard clumps of dirt. The two men chatted about their daughters. And Del Bosque proudly talked up the importance of what he still produces. “I grow all the crops the first lady would like our children eating to be more healthy and less obese,” he told the president.

“We got no water out of it,” Del Bosque said, reflecting on the meeting nearly a year later, “if that’s what you want to know.”

During his visit, Obama announced \$100 million in disaster relief to help ranchers feed livestock during the drought, \$3 million to help ensure clean drinking water supplies for rural communities and \$60 million in assistance for local food banks serving displaced workers and their families.

This month, Interior Secretary Sally Jewell announced \$27.5 million in assistance for the Central Valley Water Project. But no new federal water supplies were included in the aid.

Storms in December allowed the California Department of Water Resources to increase deliveries to customers getting water from the state water project. That means water agencies serving farmers will get 15 percent of normal state supplies – compared to 10 percent in 2014.

In November, California voters also approved the \$7.12 billion Proposition 1 water bond measure to fund water system improvements, including \$2.7 billion for water storage projects, dams and reservoirs. But those improvements are largely for future droughts.

With farm labor scarce in Mendota, the emergency food truck from the federally funded Community Food Bank arrives every two weeks. People who can certify they have lost jobs or working hours due to the drought can pick up boxes of rice and beans, spaghetti and pasta sauce.

Joseph Riofrio, a City Council member and former mayor who owns a popular pool hall and rental properties in town, bristles over the image of the food trucks.

“We’re the food giveaway capital of the world,” he said.

Riofrio said Mendota’s local labor force remains strong and dedicated. He blames farmers’ complaints about water for casting a pall over broader economic ambitions of the valley.

“The farmers want water and they say what they want,” Riofrio said. “But there is work out there.”

Riofrio boasted about a McDonald’s and an Autozone that recently opened in Mendota and speaks with envy about the Walmart in the nearby community of Kerman. He also says he wants to bring new light industry to town.

In 2009, a solar power facility was built within city limits. And now, on 600 acres of parched farm land outside of town, construction crews for First Solar are erecting a grove of metal platforms. They are to have photovoltaic panels that will sell energy to the Pacific Gas & Electric Co. and provide 400 jobs.

Riofrio looks at the vast expanse and sees a future beyond farming.

They learn to adapt

Jose Morado, 45, hopes to move from agriculture to new opportunities. In 27 years of farm labor, Morado worked along 100 miles from Huron to Hanford, Mendota to Firebaugh. He started out earning less than \$5 an hour, harvesting garlic, onions and tomatoes. He worked his way up to a contract foreman earning \$18.30 an hour for a Valley produce company.

During the drought last summer, he was laid off. After weeks of searching, he wound up picking tomatoes for \$9 an hour.

“When I started seeing those small checks, while trying to pay the rent on my house, everything added up,” Morado said. “I needed to change my job for a new career. They (farmers) were telling us they would be planting way less this year than last. And that’s when I knew there was no future in agriculture – at least not here.”

Recently Morado attended the first day of a seven-week course in solar photovoltaic design and installation. At a south Fresno facility, the nonprofit Proteus Inc. is preparing former farmworkers and other displaced laborers for new careers, including truck driving and installing solar panels.

Morado joined two fellow Hanford residents, Enrique Gamino, 23, a farmworker who got laid off last June, and John Ruiz, 51, a produce-house worker who quit in frustration over decreasing work hours at a tomato cannery and onion and garlic processing plant in Firebaugh.

“The seasons were getting shorter and shorter and the packing houses less busy. It’s time for a change,” Ruiz said.

With help of job placement counselors, graduates of the Proteus program are finding \$12- to \$15-an-hour work installing solar panels, with a chance of completing additional apprenticeships to move up to higher paying jobs.

“These guys are used to doing hard work,” said Shane Hess, the class instructor for the program funded through grants from the U.S. Department of Labor and the California Employment Development Department. “They’re used to being out in the sun. We train them for skills they need to learn.”

Give up or rally on

Firebaugh farmer Todd Allen 52, used to cultivate 600 acres of cantaloupes, wheat, pima cotton, safflower and a sudangrass, a feed crop shipped to Japan for Kobe beef. His dad, the late A.E. “Buzz” Allen, started the family farm with 1,000 acres of alfalfa in 1975 “when the government told my dad you can take as much water as you want.”

Now the younger Allen says, “I’m starting to realize this (farming) is a game I need to get out of before it is too late.”

Just four years ago, when farmers on the Central Valley Water project got 80 percent of federal water deliveries, Allen grew 300 acres of wheat, 150 of cotton and 150 of cantaloupes.

The next year, with a 40 percent water supply, he grew 300 acres of cotton and 75 of cantaloupes. In 2013, federal water deliveries dropped to 20 percent of requested supplies and he cut his cotton production in half. In 2014, with no federal water, he grew 150 acres of cotton and let his cantaloupe fields go fallow.

Allen, who once paid as little as \$100 per acre-foot of water, now says he can’t afford the \$800 to \$1,000 or more for replacement surface water supplies from regional water districts. So this year, he said, “I’m down to zero crops. I don’t think I’ll be able to plant a thing.”

He sold 150 acres last year. He is financially solvent and can walk away. Yet he is trying to decide whether to drill a \$750,000 water well and keep farming or to sell his remaining acreage and leave agriculture for good.

“We get no respect out here – and we’re the breadbasket of the nation,” Allen said bitterly. “If I had to, I could probably get out of this and have some money in the bank to look for another job. But I love this work. I really do. But the stress is grinding.”

Meanwhile, 75-year-old Mendota farmer Juan Guadian is reinvesting in the Central Valley agriculture economy.

Guadian was 15 when he came to California in 1955 as a seasonal worker under the former Bracero program. He worked from El Centro to the Salinas Valley, refusing to wear down amid the harsh physical labor of the farm harvests. “When I came from Mexico, what I kept on my mind was that this is the United States and, if one has a dream to do something, he is not going to tire easily,” he said.

Guadian, who became a U.S. citizen in 1960, worked for four decades as a foreman for ranches in Fresno, Merced and Madera counties. Along the way, he bought his own farm seven years ago, planting 150 acres of almonds near Mendota. Last year, he invested \$500,000 to drill a 1,100-foot well on his property.

Guadian says the well water is too salty for planting cantaloupes or tomatoes or most other vegetables without blending it with surface water supplies or paying for costly purification that could wipe out profits. But his almond trees like the well water. And now he’s thinking of buying another 150 acres nearby to grow pistachios.

Still the old farmer wonders about the future. “What’s going to happen in 12 years when my well goes dry?” he asks, then answers. “Those trees are going to die.”

He is not quitting. He attempted that once. It was the only thing that ever made him feel tired.

“I don’t want to retire,” he said. “I’m going to be right here to do the job.”

Call The Bee’s Peter Hecht, (916) 326-5539.

<http://www.sacbee.com/news/state/california/water-and-drought/article10902353.html>

Five pictures of Yosemite's Half Dome that capture California's historic drought

BY PHILLIP REESE - PREESE@SACBEE.COM

03/19/2015 2:16 PM

03/20/2015 12:13 PM



Snow in California's Sierra Nevada range typically reaches its greatest depths in late March, covering peaks like Yosemite's famed Half Dome.

But this is the fourth consecutive year of drought in California. Earlier this month, state officials reported that the Sierra snowpack, which much of California relies on for water, is just five percent of its normal depth.

At Yosemite, Half Dome is generally quilted with snow by this time of year. The iconic peak stands roughly 9,000 feet tall -- and is today virtually snow free, with no big snow storms in the forecast for the remainder of the month.

These images, taken by a Yosemite Conservancy webcam, show Half Dome on **March 19**

Note: The Yosemite Conservancy uses donations to maintain this and other webcams. Go here to donate to the Conservancy. | To see time lapse movies of Half Dome going back nearly a decade, check out HalfDome.net. | March 17th photo used for 2014 due to lack of image for March 19 of that year.

<http://www.sacbee.com/site-services/databases/article15386540.html>

Governor Brown Announces Appointments to Water Commission

Submitted by Emily Allshouse on Wed, 03/11/2015 - 4:01pm

Gov. Jerry Brown on March 11 announced the reappointment of Jose Del Bosque to the California Water Commission as well as the new appointments of Paula Daniels and Maria Herrera. All of the positions require Senate confirmation and the compensation is \$100 per diem.

Paula Daniels, 59, of Los Angeles, is a new appointment to the California Water Commission. Daniels is a Pritzker Environment and Sustainability Education Fellow for 2015. She has worked on issues related to food systems, water and climate as a volunteer at the Governor's Office of Planning and Research since 2014. She also has extensive experience as an attorney, has served as a senior advisor to the Los Angeles Mayor's Office, and as a City of Los Angeles Board of Public Works. She also served as a member of the California Bay-Delta Authority and is a member of the California League of Conservation Voters Education Fund Board of Directors and the Heal the Bay Board of Governors.

Jose Del Bosque, Jr., 65, of Los Banos, has been reappointed to the California Water Commission, where he has served since 2010. Del Bosque has been a partner at J and G Contract Labor Inc. since 2005 and president of Empresas Del Bosque Inc. since 1985, and previously served as the manager at Three Star Farms. Del Bosque is director-at-large at the California Melon Research Board, chairman emeritus at the AgSafe Board of Directors and a member of the Western Growers Association and the California Farm Bureau Federation.

Maria Herrera, 32, of Visalia, has been newly appointed to the California Water Commission. Herrera has been a community development specialist at Self-Help Enterprises since 2014. Her experience includes roles as a community advocacy director at the Community Water Center and an ag-aid inspector at the California Department of Food and Agriculture. Herrera also is a member of El Quinto Sol de America and la Asociación de Gente Unida por el Agua.

<http://www.acwa.com/news/water-news/governor-brown-announces-appointments-water-commission>

State Board Releases Updated Emergency Water Conservation Regulations

Submitted by Pamela Martineau on Mon, 03/09/2015 - 12:50pm



Water Boards

The State Water Resources Control Board on Friday released additional emergency water conservation regulations that, if adopted, would require some additional reporting requirements for urban water suppliers.

The State Board is scheduled to consider the package of proposed emergency regulations at its March 17 meeting. Comments on the proposed package are due Thursday, March 12.

The proposed new regulations are included in the package of existing emergency regulations that the board will consider extending another 270 days.

Some of the proposed new regulations would:

- Require urban water suppliers, which do not have an existing limit on the number of days that outdoor watering is allowed, to limit outdoor irrigation of turf or ornamental landscapes to no more than two days per week.
- Require urban water suppliers to promptly notify their customers when they are aware of leaks within the customer's control.
- Prohibit irrigation of turf or ornamental landscapes during and 48-hours following measurable precipitation.
- Implement hospitality sector restrictions requiring that water only be served on request in restaurants and bars and requiring the operators of hotels and motels to offer patrons the option of not having their towels and linens washed each day of their stay.

In July, the State Board adopted a package of emergency water conservation regulations that limits some forms of outdoor watering and requires urban water suppliers to file monthly water production data, among other things. The emergency package is set to expire in April and the State Board is considering renewing the package and adding additional requirements and restrictions.

The emergency regulations are poised to be extended as the state grapples with its fourth year of drought. In January 2014, Gov. Jerry Brown called on all Californians to cut back on water use by 20%. The state as a whole demonstrated increasing levels of conservation last summer and hit the 20% goal in December, but water use reduction declined to 8.8% in January during one of the driest Januarys on record.

<http://www.acwa.com/news/conservation/state-board-releases-updated-emergency-water-conservation-regulations>

DWR Releases Draft Strategic Plan for SGMA Implementation

Submitted by Emily Allshouse on Fri, 03/13/2015 - 2:16pm



The Department of Water Resources has released a draft strategic plan for its Groundwater Sustainability Program describing DWR's responsibilities and outlining key actions it will take to support local agencies with implementation of the Sustainable Groundwater Management Act. The draft plan also describes current groundwater conditions in the state, identifies success factors in addressing key challenges, and presents an initial plan for DWR communication and outreach.

Under SGMA, DWR must complete multiple activities such as the adoption of regulations for local agency proposed revisions to groundwater basin boundaries, adoption of regulations for evaluating and implementing local agency prepared groundwater sustainability plans, updating the prioritization of basins, and conducting groundwater assessments.

The draft plan is available at

http://water.ca.gov/groundwater/sgm/pdfs/DWR_GSP_DraftStrategicPlanMarch2015.pdf.

Public comments can be emailed to sgmps@water.ca.gov or sent by mail to P.O. Box 942836, Sacramento, CA, 94236, Attn: Lauren Bisnett. There is currently no deadline to submit public comment on the draft strategic plan.

For more information on DWR's Sustainable Groundwater Program, please visit

<http://www.water.ca.gov/groundwater/sgm/index.cfm>.

<http://www.acwa.com/news/groundwater/dwr-releases-draft-strategic-plan-sgma-implementation>

City of Sacramento residents limited to two-day watering

BY BILL LINDELOF

BLINDELOF@SACBEE.COM

03/12/2015 8:20 AM

03/13/2015 10:35 AM



City of Sacramento residents are reminded that with the return of daylight saving time, two-day-a-week water restrictions are the rule.

Spring and summer watering within the city limits is limited to two days based on address. Residents with home addresses ending in an odd number water on Tuesdays and Saturdays. Residents with home addresses ending in an even number water on Wednesday and Sunday.

Watering is permitted before 10 a.m. or after 7 p.m.

No watering is permitted on Mondays, Thursdays and Fridays. No over-watering is permitted on any day.

If watering is noticed on the wrong day, citizens can report it by calling the city at 311 or (916) 264-5011 – or by email at 311@cityofsacramento.org.

Call The Bee's Bill Lindelof, (916) 321-1079.

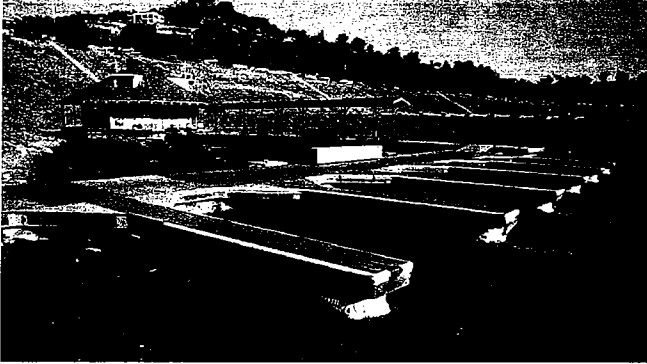
<http://www.sacbee.com/news/local/article13787222.html>

With reservoirs depleted, Water Resources Control Board must restrict water use

BY THE EDITORIAL BOARD

03/16/2015 5:00 PM

03/17/2015 2:44 AM



Amid the worst drought in at least a generation, and possibly the worst in modern California history, the state Water Resources Control Board today will consider tougher restrictions on outdoor watering by residential and business users.

The action is long overdue. Californians in January reduced their water use by only 8.8 percent compared to January 2013. That's a far cry from the conservation goal set in an emergency order by Gov. Jerry Brown, who asked Californians to reduce usage by 20 percent each month from 2013 levels.

In response to Brown's order, the water board last year directed major water agencies to activate emergency plans that are supposed to target landscape watering. But each agency has its own plan.

So in some places, such as Sacramento, that meant limiting watering to two days a week, one day a week during the winter. Elsewhere, it was three days. In some cities, watering was allowed daily, just not during the hottest hours.

That all would change under the new rules being weighed today by the water board, as The Bee's Matt Weiser reported recently. The proposed restrictions would be the broadest ever adopted in California, and are coming none too soon.

Water scientist Jay Famiglietti of the NASA Jet Propulsion Laboratory/Caltech wrote in a recent op-ed that California has "only about one year of water supply left in its reservoirs, and our strategic backup supply, groundwater, is rapidly disappearing."

The Water Resources Control Board proposal would require all urban water agencies to activate contingency plans that limit the number of days customers can water their landscapes. If an agency does not have such a limit in their plan, the state rule would limit watering to two days a week.

The change also would prohibit users from watering turf or ornamental landscapes during measurable precipitation and for 48 hours after a rainfall. Large water agencies would have to report in more detail to the state about their water usage and restrictions.

The rules would require restaurants and bars to serve water only on request, and mandate that hotels give patrons the option of not having their linens and towels washed each day during their stay.

Urban water use accounts for only about 20 percent of water consumption statewide. Agriculture uses the other 80 percent. If the drought continues, the state may have to find a way to shift some of the water now used on farms to the cities.

If that day comes, it will involve a messy and potentially lengthy battle over water rights and the future of agriculture in this state.

In the meantime, outdoor urban landscapes use almost as much water as Californians consume in their homes and businesses, and most of that outdoor use is discretionary.

The proposed rules will stave off even stricter indoor conservation measures, at least for now, and leave the state with a small cushion to survive another year of drought if need be.

The water board should adopt the rules today, and local water agencies and governments should enforce them strictly in the months ahead.

<http://www.sacbee.com/opinion/editorials/article14697743.html>

Snow-Less Snow Survey Highlights Extreme Drought; Governor Mandates First-Ever Statewide Water Reductions

Submitted by Lisa Lien-Mager on Wed, 04/01/2015 - 1:19pm



PHILLIPS STATION -- Standing on dry grass where there should be five feet of snow on April 1, Gov. Jerry Brown called for mandatory statewide reductions in water use and announced a suite of new state actions to conserve water use, increase enforcement of water use restrictions and streamline drought response by state agencies.

Brown unveiled the actions, outlined in a new executive order, during the state's manual snow survey at Phillips Station in the Sierras. The April 1 snow survey, considered critical to gauging the snowmelt that will fill the state's reservoirs in summer months, revealed no snow whatsoever at the site. It is the first time since recordings started there 75 years ago that the meadow was void of snow.

"We are standing on dry grass and we should be standing on five feet of snow," Brown told the dozens of reporters assembled at the site.

Brown extolled Californians to rise to the challenge and conserve water, especially since climate change may create frequent weather extremes in the future.

"As Californians, we must pull together and save water however we can...", Brown said, adding: "This is the new normal and we'll have to learn to cope with it."

Brown's visit marked the first time a sitting governor has ever attended a manual snow survey -- a fact that underscores the severity of the drought and the public resources that are being directed toward it.

Frank Gehrke, chief of the California Cooperative Snow Survey, highlighted the unprecedented nature of the survey, saying it the first time he has ever seen the meadow at Phillips Station void of snow since he has been conducting the surveys since 1988.

"This blows it out unequivocally," Gehrke said. "This is the lowest on record...This is bad news for the state's water picture."

Speaking to reporters during a conference call after the survey, Department of Water Resources Director Mark Cowin said that statewide the snowpack is at about 6% of average for the date, portending a bleak runoff for the months ahead.

"That big reservoir is near empty," Cowin said the snowpack, which is sometimes referred to as the "frozen reservoir."

The executive order directs the State Water Resources Control Board to implement mandatory water reductions across the state to reduce water usage by 25%. Areas with higher per-capita water use will be required to achieve proportionally greater reductions in water use than areas with low per-capita use.

Felicia Marcus, chair of the State Board, said during the conference call with reporters that the severe drought is causing the state to take actions it has never before taken.

"Unfortunately, voluntary efforts haven't provided the savings we wanted," Marcus said of the mandatory water reductions.

In addition, the Department of Water Resources is tasked with leading a statewide initiative -- in partnership with local water agencies -- to replace 50 million square feet of lawns and ornamental turf with water-efficient landscapes. DWR is directed to provide funding assistance for the turf replacement program, which is intended to complement efforts already underway around the state.

The State Board also is directed to prohibit irrigation with potable water of ornamental landscapes on public street medians.

The State Board is expected to develop emergency regulations to implement the executive order's directives in the coming weeks. Board approval of the regulations is anticipated in late April or early May following public hearings on the proposed regulations.

The executive order is available [here](#).

(Photo: Gov. Jerry Brown, DWR Director Mark Cowin and snow surveyor Frank Gehrke speak to reporters at Phillips Station. Photo credit: Pamela Martineau.)

<http://www.acwa.com/news/water-shortages/citing-extreme-drought-governor-mandates-first-ever-statewide-water-reductions>

Californians View Water Supply as Big Problem, Believe Neighbors Aren't Doing Enough About Drought

Submitted by Pamela Martineau on Thu, 03/26/2015 - 9:39am

The vast majority of Californians -- some 66% -- say the water supply in their region is a big problem and the people in their regions are not doing enough to save water during drought, according to a statewide survey released March 25 by the Public Policy Institute of California.

The poll also found that residents are equally likely to name water and the drought (23%) as jobs and the economy (24%) as the most important issue facing California today. Central Valley residents -- at 76% -- are the most likely to view water supply as a big problem. "The ongoing drought is raising concerns about the long-term water supply," Mark Baldassare, PPIC president and CEO said in a press release. "Most Californians think their neighbors could be doing more to save water today." According to the PPIC poll, two-thirds of adults (66%) say their regional water supply is a big problem, which approaches the record high of 68% last October. Another 19% say it is somewhat of a problem while 14% say it is not much of a problem.

Regionally, Central Valley residents were the most likely to view water supply as a big problem followed by Orange/San Diego (71%), the San Francisco Bay Area (63%), Los Angeles (60%), and the Inland Empire (56%). Asked about the adequacy of the water supply in their area 10 years from now, 69% expect it to be somewhat inadequate (26%) or very inadequate (43%) for what is needed. The percentage of residents saying the supply will be very inadequate has increased 12 points since last March. Two-thirds of Californians (66%) say people in their part of the state are not doing enough to respond to the drought, while 24% say they are doing the right amount and say 6% too much is being done. Majorities across regions, parties, and racial/ethnic, education, and income groups say not enough is being done. The poll also gauged residents' views on the need for maintenance of the state's roads, highways and bridges and how the state should spend its budget surplus. The full poll is [here](#).

<http://www.acwa.com/news/water-supply-challenges/californians-view-water-supply-big-problem-believe-neighbors-arent-doin>

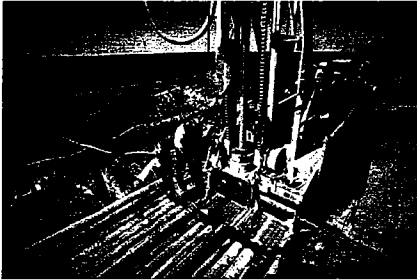
Water details become vital as drought worsens

Open access to well water data

BY THE EDITORIAL BOARD

03/24/2015 5:00 PM

03/25/2015 12:00 AM



In time of drought, when leaders tell us every drop of water counts, Californians ought to be able to count every drop. The concept seems so simple, but because the issue is water, it's not. For the third year running, Sen. Fran Pavley, D-Agoura Hills, is pushing legislation to provide public access to otherwise confidential reports about groundwater wells. Her Senate Bill 20, which cleared its first committee Tuesday, clearly warrants approval by the full Legislature. The bill would alter decades-old practices that lie at the confluence of perceived private property rights and scarce water, and so lobbyists representing agriculture oppose it.

Under a law that dates to Gov. Earl Warren's tenure in 1951, drillers must provide information about wells to the California Department of Water Resources. But the law denies public access to what are known as well logs. Information in the logs is considered proprietary, part of well drillers' stock in trade. Whatever competitive reasons might have existed in 1951 are far outweighed today by the need to understand the straits in which California finds itself. A report by the Senate Natural Resources Committee staff notes that well logs show the location of wells, the depth, and the types of soils at each elevation. Academics and consultants could use the information to draw aquifer maps, identify the best places to store water underground, and avoid drilling into plumes of polluted water, as reported by the Center for Investigative Reporting. Farmers might benefit because drillers could use logs to determine how deep they must drill, and what areas to avoid.

But opponents of public access to the information include many heavyweights of California agriculture: the Western Growers Association, the California Farm Bureau Federation, the California League of Food Processors, the California Chamber of Commerce, and the Valley Ag Water Coalition, which represents many San Joaquin water delivery agencies. Reflexive opposition by farm groups is unfortunate. As urban water users face restrictions, if not rationing, they could turn on farmers whose crops use 80 percent of the water consumed by humans in California. Farmers depend on deep wells as state and federal authorities cut Sacramento River deliveries. Extensive groundwater withdrawal has caused areas of the Central Valley ground to sink as much as 30 feet.

In the committee hearing Tuesday, opponents offered numerous reasons to vote against Pavley's bill. None made sense. Information from the well logs could become fodder for lawsuits, they said. Terrorists

could use the logs to locate wells and poison the water, and thieves could use the logs to find the locations of valuable pumping equipment.

Pavley's bill offers a simple solution. Before gaining access to the logs, people would need to provide their names, addresses and reasons for wanting to look at the logs. There also would be a fee to cover administrative costs.

It's hard to imagine the criminal element gaining access to well logs by providing their names and addresses, a dead giveaway. Besides, well log information is public in 10 other Western states, and urban water agencies in California disclose details about their wells, without calamitous effect.

Californians ought to be praying for rain. But the drought is forcing lawmakers and the public to focus on antiquated notions about water, including one that might have made sense 64 years ago when there were 10 million Californians, but no longer does.

<http://www.sacbee.com/opinion/editorials/article16224161.html>

Senate approves water legislation to address drought, flooding



By CHRIS MEGERIAN *contact the reporter*

The state Senate will consider a \$1-billion spending plan billed as an emergency response to the drought. State Senate passes emergency drought relief plan; bill goes before Assembly.

The state Senate approved on Wednesday a \$1-billion spending plan that is billed as an emergency response to the state's drought, which has entered its fourth year with no sign of stopping.

The legislation now goes to the Assembly, which is scheduled to take up the issue on Thursday before it goes to Gov. Jerry Brown for his signature.

If enacted, the proposal would fund upgrades to the state's water infrastructure and provide food and water to struggling Central Valley communities.

Sen. Lois Wolk (D-Davis) called the legislation "step one" in addressing the drought.

However, the largest chunk of money, \$660 million, would be spent on new flood control projects, not responding to the drought itself. That funding comes from a bond measure approved by voters a decade ago.

"We're, as they say, taking advantage of a crisis and moving forward," Brown explained when announcing the proposal last week.

Only \$27.4 million outlined in the legislation is new spending that wasn't included in previous budget proposals or bond measures. In addition, many of the projects being funded won't be finished for years.

Republicans expressed concern about a provision that would allow Department of Fish and Wildlife officials to fine landowners \$8,000 a day for harming fish by diverting streams.

“We’re giving a lot of power to arbitrary government agencies,” Sen. Jim Nielsen (R-Gerber) said.

Senators approved two bills Thursday, the first 35 to 1, and the second 24 to 14.

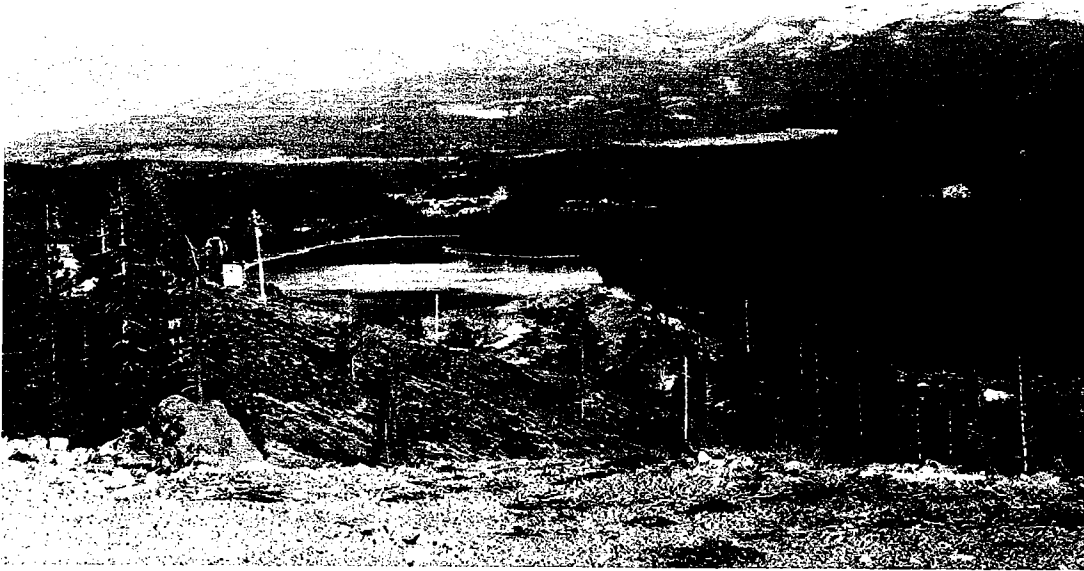
The legislation (AB 91 and AB 92) also include a provision unrelated to water issues or the drought. If passed, it would alter a contract with prison psychologists and social workers to comply with a federal court order involving mentally ill inmates.

The modification is expected to cost \$650,000 to compensate employees for additional duties.

<http://www.latimes.com/local/political/la-me-pc-california-drought-legislation-20150325-story.html>

Governor Orders Water Cuts Amid Record Low Snowpack

Craig Miller, [KQED Science](#) | March 31, 2015



Barren mountainsides around Donner Lake in late February. (Joanne Elgart Jennings)

We are officially in uncharted territory — in more ways than one.

The Sierra Nevada snowpack, which typically supplies nearly a third of California’s water, is showing the lowest water content on record: 6 percent of the long-term average for April 1. That doesn’t just set a new record, it shatters the old low-water mark of 25 percent, which happens to have been last year’s reading (tied with 1977).

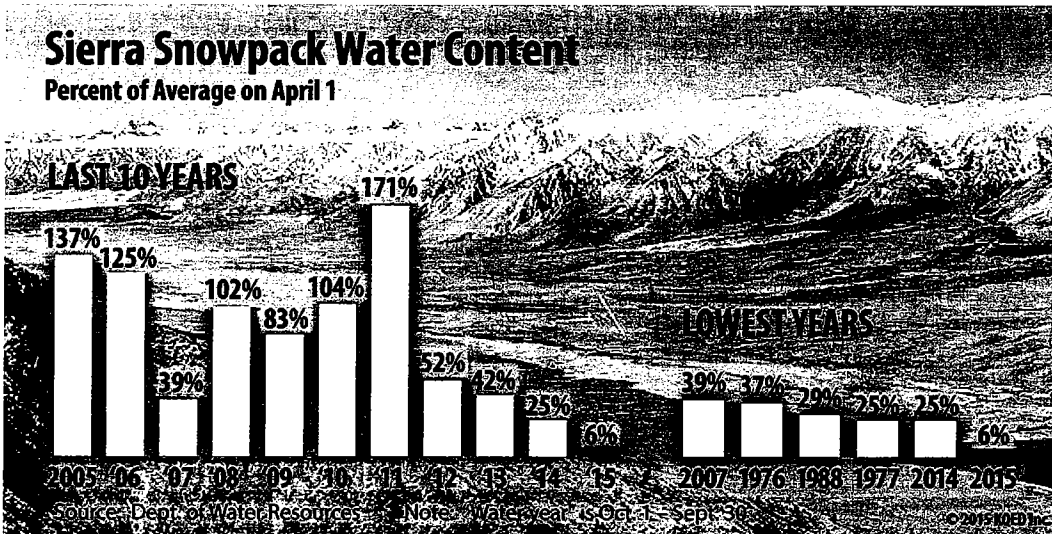
Things are so bad that Governor Jerry Brown decided to slog into the field for the manual snow survey on Wednesday morning. He didn’t need snowshoes but he did bring along a first-ever executive order mandating statewide water reductions.

“We’re in a historic drought and that demands unprecedented action,” he told reporters who made it to the Sierra survey site off of Highway 50.

The 31-point program is wide-ranging, though direct actions are focused on urban water consumption, aiming for a “mandatory” 25 percent reduction compared to 2013 levels. It will be up to the State Water Resources Control Board and more than 400 local water agencies to work out how to implement and enforce the mandates.

The initiative also includes new incentives for replacing lawns with drought-friendly landscaping, consumer rebates for water-saving appliances, and special assistance for residents whose wells have run dry.

While the state’s Department of Water Resources does monthly snow surveys during the winter season, the April 1 survey is the benchmark for assessing the season as a whole. That’s when snowfall is reckoned to have peaked and the runoff season gets underway. Six percent on April 1 is essentially saying there’s next-to-nothing to show for an entire winter’s snow accumulation.



2015 reading is from remote sensors, just prior to the April 1 manual survey. (David Pierce/KQED)

The snowpack has now seen four years of steady decline. 2013 was California’s driest year on record. 2014 was dry too, but also the warmest on record, which combined for a one-two punch to California’s water supply. In March, for example, both Sacramento and Redding logged average temperatures more than 10 degrees above normal, according to consulting meteorologist Jan Null of Golden Gate Weather Services.

“There will be consequences,” says Mark Cowin, who heads DWR.

More than 400,000 acres of farmland were fallowed last year because of scarce water. Credible sources have estimated that figure could double this year.

“More impacts to farms where supplies will be shorted,” predicts Cowin, “more local communities where wells will run dry, and we’ll have to help assist them in some sort of emergency response, and more impacts to fish & wildlife, which is of course, very important.”

Groundwater resources will be stressed even more, as water-constrained farmers turn up the pumps to offset cuts in allocations from state and federal water projects.

Though Cowin hastens to add that “the vast majority of our citizens will not run out of water,” some already have, mostly in rural areas where wells have gone dry.

“I hope that this will continue to be a wake-up call for people that things are different,” says Lester Snow, a former DWR chief who now heads the non-partisan California Water Foundation.

“And not only is it gonna be bad this year but let’s not pretend that next year’s gonna be a lot better,” he added. “This drought has revealed fundamental weaknesses in our drought management system, and we need to start addressing those weaknesses.”

Other impacts from the paltry snowpack will be more subtle, such as the loss of hydroelectric power. Less runoff coming down the hill, turning hydropower turbines means that utilities have to replace the electricity, which they usually do with natural gas-fired power plants. That yields a bigger carbon footprint and adds to Californians’ electric bills — \$1.4 billion since 2012, by one estimate.

<http://blogs.kqed.org/science/2015/03/31/record-low-sierra-snowpack-will-drive-home-drought-impacts/>

Water District Mulls 14% Rate Increase by July



Severe water shortages have placed Carmichael Water District between a rock and a hard place, between decreasing revenues and increasing costs.

**Story and photo
by John-Michael Kibrick**

CARMICHAEL, CA (MPG) - Sacramento's nicknames, the "City of Trees" and "River City," describe a lush region dominated by a metropolis but kept in check with the life-giving fresh water that feeds natural grocery. It's an image that the region has struggled to maintain over the last four years of severe drought, and now Carmichael residents are going to feel the pinch more than ever.

At a March 16th presentation at a Carmichael Water District workshop, the board received unwelcome though not wholly unexpected news: Water rates in Carmichael will have to be raised as much as 14% in July 2015 just to continue operations and avoid defaulting on substantial debt.

The minimum July increase advised by Bob Reed of The Reed Group, Inc., a consulting firm that specializes in water districts' financial management, was 12%. But the new business plan also called for 5-6% yearly increases in the cost of water from January 2017 to January 2025, which would result in a substantial hit to the consumer's wallet.

In his presentation, Reed cited California's persistent drought as the reason for falling revenue. In fact, said Reed, the district would have earned 8% more in water sales during the 2014/2015 fiscal

year if rainfall was at traditional levels.

While consumers unwittingly damaged district revenues through good practices leading to a 20% reduced water usage last year, the lack of water has also driven up the price of maintenance and any additional water that the district has had to purchase from outside.

But what will the new money go toward? Well, over the last fiscal year, the district maintained the status quo by digging into their reserve funds, leaving little if anything left for next year.

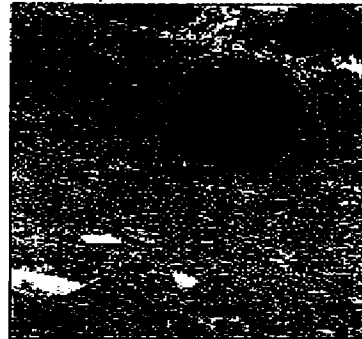
Like every water district, Carmichael has significant maintenance and repair projects that must continue in order to provide the community with safe, clean running water. Reed said that \$29.2 million in revenue would be required by 2025 for what is known as the "Capital Improvement Plan." This plan would include upkeep and required improvements on reservoirs, groundwater wells, pipelines, and more.

Additionally, new revenue would rebuild the district's reserves, even raising them to higher levels in order to strengthen the board's ability to handle another water crisis like the current drought. Even more new revenue is expected to aid the Capital Improvement Plan through an impending deal with

Golden State Water Company.

One chart displayed during the district workshop showed the steadily increasing costs of debt service and operation and maintenance, putting the planned revenue increases just above required expenditures. Even with the alarming increases in price, Carmichael Water District is seemingly going to be rung dry.

According to the new business plan, the rate structure would also change entirely, in an effort to make payments more equal according to water usage. The current system often incurs much higher cost on customers with larger meters.



The new business plan was created under the assumption that Carmichael's ditches will remain dry for years to come and water usage will return to previous levels at a slow pace.

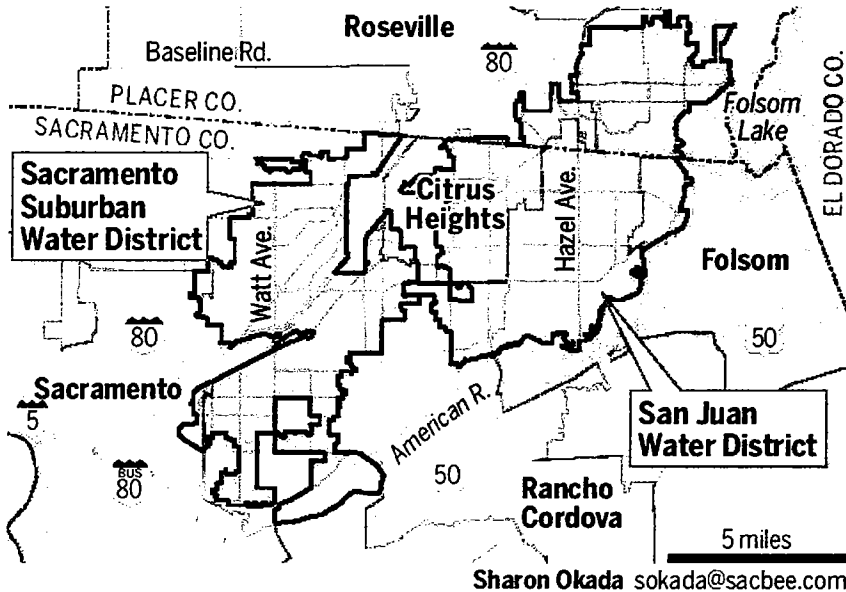
So what does this mean for Carmichael residents? With the impending 12-14% increases coming in July, residents using less than 100 cubic feet of water may see a \$5 dollar increase on their bi-monthly bill, amounting to 8% of the current \$62 charged. Users of more than 100,000 cubic feet could see a bill of \$211, a 20.4% increase on the current charge.

According to the principles outlined in Proposition 218, Carmichael residents will have a chance to vote yay or nay for the proposed increases at a public hearing scheduled for May 18th at Carmichael Water District at 7837 Fair Oaks Boulevard. ★

www.CarmichaelTimes.com

Suburban Sacramento-area water districts eye merger

By Brad Branan
bbranan@sacbee.com
04/05/2015 4:12 PM
04/06/2015 7:03 AM



Two suburban water agencies serving half a million people combined in suburban Sacramento and Placer counties have stepped up merger negotiations, saying they can better survive the drought as a larger organization.

Officials at Sacramento Suburban Water District, which relies on groundwater, and their counterparts at San Juan Water District, which relies on surface water, say they could provide more reliable service. They also say a combined agency would save money and reduce the amount of inevitable rate increases, and give the region a stronger political voice on water policy.

The two agencies have a combined budget of about \$65 million and serve most of suburban Sacramento County, either directly or by selling water to other suburban water agencies, and part of Placer County, including Granite Bay.

While water officials in communities served by the agencies have not taken a position on the proposal, they say the districts have yet to make a convincing case.

“We need some backup analysis,” said Marcus Yasutake, Folsom’s environmental and water resources director. “How have they arrived at these conclusions?”

Officials in Fair Oaks and Carmichael agree with Yasutake that the agencies have not done enough analysis to justify a merger. They say they’re concerned the merger could lead to the opposite of what is

being pitched by the water agencies – higher rates and less reliability. Fair Oaks, Orangevale, Citrus Heights and parts of Folsom buy water from San Juan on a wholesale basis.

Some officials expressed concerns to a joint committee of Sacramento Suburban and San Juan board members after reviewing an initial analysis of the proposal. The districts paid \$100,000 to a consultant for the analysis and a survey of customers. The survey found 37 percent of customers had an unfavorable opinion of a merger, 21 percent had a favorable opinion, and 42 percent had no opinion.

The Sacramento Suburban and San Juan boards are expected to vote next month on whether to proceed, and the agencies plan to conduct more analysis if they move forward.

If that happens, the Sacramento Local Agency Formation Commission also will conduct its own analysis before deciding whether to approve the merger, possibly in January. The seven-member LAFCO consists of six elected officials and one public representative.

Managers at San Juan and Sacramento Suburban say they have compelling arguments for a merger. They say a combined agency would have more clout at the Capitol, which has become more important as California enters its fourth year of drought. They point to Gov. Jerry Brown's order last week that water agencies reduce usage by 25 percent as an example of the crucial role the state plays in water service.

Keith Durkin, assistant general manager at San Juan, said that despite being at the doorstep of the Capitol, the area's water agencies don't have much clout there because they are too small. By contrast, Westlands Water District in Fresno and the Metropolitan Water District of Southern California have been extremely effective at convincing state lawmakers of their needs, Durkin said.

"We can go to the Capitol and say we represent a half-million people," he said. "Legislators will listen."

Ron Stork, a senior policy analyst at Friends of the River, agrees that a merger might help the agencies in the world of politics. "The water agencies in Northern California have far less oomph than those in the south, and our agencies are getting rolled," he said.

The agencies also might make a good match since they each rely on different sources of water, said Stork, a longtime board member of the Sacramento Water Forum, which set area water policy years ago.

Bringing together different primary water sources is the strongest argument for improved reliability under a merger, said Sacramento Suburban General Manager Robert Roscoe. His agency has worked to reduce its reliance on groundwater, but it needs to step up its efforts after state lawmakers last year required groundwater-reliant agencies to seek sources in addition to wells, he said. The agency also must contend with the potential for groundwater contamination from decommissioned military bases and Aerojet Rocketdyne land, he said.

San Juan Water District has been particularly vulnerable to the drought, as it gets most of its water from Folsom Lake and the American River. The impact of a merger would be that a combined agency could rely more on groundwater in dry years and on surface water in wet years, Roscoe said.

But some local water districts worry about what the changes will mean for them. The Carmichael Water District, which treats and sells its own water, is concerned the merger “may exacerbate regional tensions and problems both now and the future,” General Manager Steve Nugent wrote in a letter to San Juan and Sacramento Suburban. He urged deeper analysis about what changes in water use will mean for the region.

Yasutake also says the districts need to come up with data projecting what the merger would mean for reliability. San Juan sells water to Folsom for parts of the city north of the American River.

Mike McRae, president of the Fair Oaks Water District board, said “we want to make sure rates remain low. We want more information to know what this will mean for rates.” The Fair Oaks board has long complained about San Juan’s rate increases.

Durkin and Roscoe say it’s not clear how much money would be saved through a merger. San Juan board members have said they don’t plan to lay off employees but would cut positions as people leave the district. Sacramento Suburban has made no similar guarantee, Roscoe said.

Call The Bee’s Brad Branan, (916) 321-1065. Follow him on Twitter [@BradB](#) at [SacBee](#).

Read more here: <http://www.sacbee.com/news/state/california/water-and-drought/article17468453.html#storylink=cpy>

Sacramento region faces new round of hefty water cuts

BY PHILLIP REESE AND DALE KASLER



Frank Gehrke of the California Department of Water Resources and California Gov. Jerry Brown walk out into a snowless meadow on April 1, when the latest snowpack measurements showed a historically low total. Brown quickly issued an executive order for a statewide cut of 25 percent in water usage, compared with 2013. Randall Benton rbenton@sacbee.com

Many Sacramento-area communities would be targeted for the most severe water cutbacks in California under the provisions of a drought management framework issued Tuesday by state water regulators.

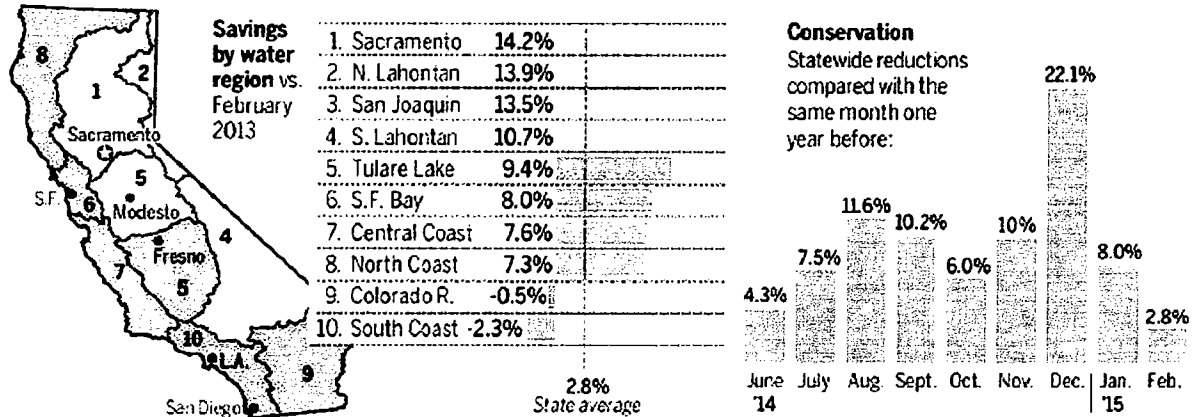
Residents in Granite Bay, Carmichael, part of Elk Grove, Folsom, Fair Oaks and several other Sacramento-area suburbs would be required to cut water use by 35 percent compared with 2013, or potentially face stiff penalties, under the framework laid out by the State Water Resources Control Board. Some other area cities that already use less water per capita – including Sacramento, Roseville, Davis and Woodland – would be required to cut water use by 25 percent compared with 2013.

The framework imposes mandatory cutbacks ranging from 10 percent to 35 percent on cities and towns statewide, with communities that have the highest per capita water use targeted for the deepest reductions. Most Sacramento-area water districts used more than 165 gallons per person per day in September, above the statewide average of 124 gallons.

By comparison, San Francisco used 46 gallons per person per day in September, and is targeted for a reduction of only 10 percent. Los Angeles used 93 gallons per person per day, and faces a 20 percent mandatory cutback. San Diego, at 82 gallons per person per day, also faces a 20 percent cut.

WATER CONSERVATION

California residents cut their water use by 2.8 percent in February compared to the same month in 2013, the lowest level since the state began tracking use in June. The Sacramento water region had the largest reduction in the state.



With California’s drought stretching into a fourth year – and 2015 off to an unusually hot, dry start – Gov. Jerry Brown last week issued the first-ever order for mandatory cuts in urban water use across the state. His order called for a 25 percent reduction statewide in urban water consumption, but warned that some districts would need to cut more than others. Several Sacramento communities consume more than 250 gallons of water per person per day in summer, mostly due to irrigation for large lawns and gardens. Other parts of California, mostly along the coast, use less than 100 gallons per person per day, even during summer.

“Places with per capita use in the hundreds – they can do even more,” said Max Gomberg, senior staff scientist with the state water board.

The state board, which oversees California’s complex system of water rights, was charged with hammering out the details of the governor’s order. Board officials said the draft document issued Tuesday is meant to generate feedback from water districts, and is not a final plan.

“This is not fully baked yet,” said board chair Felicia Marcus. “We are giving it our best shot to interact with people.”

A revised draft will be released April 17 after the board hears from water districts and others affected. Final regulations are to be adopted in early May.

All Sacramento-area water districts have made progress in reducing consumption since Gov. Brown declared a statewide drought emergency in January 2014. Between summer 2013 and summer 2014, area districts reported using anywhere from 14 percent to 23 percent less water, leaving a few close to the targets set Tuesday.

Still, the tiered system, and the prospect of having to achieve 35 percent savings instead of the 25 percent cited in the governor's order, caught some suburban water agencies off guard.

"We will hit the 25 percent ... The 35 percent is new to me," said Tom Gray, general manager of the Fair Oaks Water District. "I'm not even accepting that that's our number."

Gray said Fair Oaks was able to cut consumption 22 percent last year through voluntary measures. The district was among the region's highest water consumers in September, using 243 gallons per person per day. Gray said the district may consider some mandatory restrictions in the near future.

West Sacramento, which also faces a 35 percent cutback, cut consumption by "20 percent-plus" last year, said Mayor Christopher Cabaldon. "We have to make it work," he said of the new hurdle. "I couldn't say how, at this point."

At the San Juan Water District, which serves parts of Roseville, Granite Bay, Orangevale and Folsom, assistant general manager Keith Durkin said the district would work to meet the 35 percent threshold. San Juan is among the highest water users in the state; in September, the district reported using 384 gallons per person per day.

"It's something we're going to have to comply with," Durkin said.

He said San Juan cut water usage 32 percent last year by educating customers. That would put the district well on the way to meeting the state requirements. But he's worried about sustaining that level of conservation this year.

"One of the things we're concerned about is conservation fatigue," he said. "There's a lot of uncertainties and a lot of unknowns about sustaining that."

He said the district's board of directors might have to raise rates, or impose some form of drought "surcharge," in the coming weeks to bring the point home to customers. San Juan doesn't want to impose a lot of mandatory restrictions, he said.

"We don't want to be out there being water police," Durkin said.

The state board chose September 2014 water use as its point of comparison for agencies, and targets them for cutbacks based on four tiers of usage that month: 0 to 55 gallons per person per day; 55 to 110; 110 to 165; and more than 165.

Seventeen Sacramento-area districts used more than 165 gallons per person per day in September, targeting them for the largest cuts under the state's proposal. About 890,000 people live in those districts. Five local districts used between 110 and 165 gallons per person per day in September. They are home to roughly 880,000 residents.

One local district, California American Water, used less than 110 gallons of water per person per day, and will need to cut use only 20 percent over 2013. About 200,000 people live in the district, which covers several noncontiguous suburbs including Antelope and parts of Rancho Cordova.

The framework was released the same day state officials announced that California residents cut their water consumption by just 2.8 percent in February compared with the same month in 2013. It marked the worst performance since the state began urging conservation and tracking urban water use last June.

"These disappointing conservation numbers for February are just one of the reasons for the governor's order," Gomberg said.

Customers in the Sacramento River region posted better conservation numbers than the state as a whole, reducing water usage by about 14 percent in February 2015 compared with 2013. The city of Sacramento cut water use by 16 percent; Roseville by 20 percent; and Davis by 17 percent.

By comparison, the South Coast region, which includes Los Angeles and San Diego, increased water use by about 2 percent over February 2013.

Marcus called the February numbers "very disturbing." But she noted that California residents generally use less water during the winter months and the biggest conservation savings will need to come during the summer.

"I'm not trying to put a happy face on this," she said. "But if we had this number in June it would be a nightmare."

February's numbers are a far cry from the 22 percent savings achieved in December and even the 8 percent savings logged by state residents in January. They indicate that many people responded to hot, dry weather by watering their lawns.

Marcus said the weather is no excuse. "We're in a drought when it's hot," she said. "The answer has got to be turn off the sprinklers."

Call The Bee's Phillip Reese, (916) 321-1137.

California warns of deep water rights curtailments amid drought

By David Siders and Dale Kasler

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Gov. Jerry Brown makes remarks about a meeting he had with with top agricultural, environmental and urban water agency leaders from across California in Sacramento on Wednesday. With him is Jay Ziegler of The Nature Conservancy, left, Nancy McFadden of the Governor's Office, and Craig McNamara of the State Board of Food and Agriculture, right. Hector Amezcua hamezcua@sacbee.com

In the week after issuing an unprecedented statewide water use reduction order, Gov. Jerry Brown labored to defend the measure's focus on urban water use instead of agriculture, which consumes far more water than cities and towns.

The drought has already pummeled farmers, Brown said, with diminished state and federal water allocations forcing them to uproot trees and fallow thousands of acres of fields.

But while Brown defends agriculture's heavy use of water, he is also considering water rights curtailments that could dramatically affect the industry.

The State Water Resources Control Board has warned water rights holders to expect restrictions on their right to divert water from rivers and streams.

Last year, the state curtailed the water rights of a host of junior rights holders, including 2,648 rural and urban agencies in the Sacramento Valley.

But with conditions worsening, the water board said last week that it might issue curtailment notices to the state's most senior water rights holders – those claimed before establishment of the state's water rights permitting process in 1914.

The last time water rights that old were curtailed was in the late 1970s, officials said.

"If dry conditions persist through the spring, it is anticipated that all holders of post-1914 and many holders of pre-1914 water rights in certain watersheds will receive curtailment notices soon," the board said in a letter.

If water rights are curtailed, farmers are expected to pump more groundwater or buy water from other users – or go short. Other agencies, such as the city of Sacramento, have access to stored water.

Felicia Marcus, chairwoman of the water board, said districts in the San Joaquin Valley are likely to get hit harder by curtailments than in the Sacramento Valley.

“Because the rain has been uneven, the Sacramento (Valley) systems have been more flush than the San Joaquin River systems, so we will be going further up the seniority curve on the San Joaquin River than we are on the Sacramento River,” Marcus said.

Oakdale Irrigation District, which serves a largely agricultural area east of Manteca, is one of those districts holding pre-1914 rights that would have once seemed off-limits to the state’s water authorities. Now the district is bracing for the possible loss of water.

“For us it’s going to be a first-time ever summer,” said district general manager Steve Knell.

Even if the state doesn’t curtail its rights, the district expects to limit its farmers to no more than 30 inches of water per acre this summer, he said.

That could leave growers in a pinch. The district’s almond trees and grapevines generally take 40 to 50 inches, he said. Pasture for beef cattle can require as much as 60 inches, he said.

He said he expects growers will try to buy water from other sources to make up for the loss: “There’s going to be a lot of innovative things that are going to have to occur.”

On Wednesday, a week after ordering a 25 percent reduction statewide in urban water consumption, Brown met for several hours with water and farm officials and environmental groups at the Capitol.

“The challenge here, aside from getting the water, is to be able to collaborate together and not try to blame other people and point fingers,” Brown said. “This water system in California is extremely complex. It affects different people differently. Some people do much better than other people, and in the midst of all that to be fair, to be sustainable, and to have foresight into the future will take some wisdom and some self-restraint.”

The drought, now stretching into a fourth year, has strained California’s patchwork system of water rights, with competing interests vying for an increasingly dwindling resource.

“The state’s passed out water rights like Goldman Sachs passes out securities,” said Bill Jennings, executive director of the California Sportfishing Protection Alliance.

With the expectation that water would continue to flow forever, Jennings said, landowners “mortgaged their futures, their lives, their dreams ... without reading the small print that this was an interruptible source, that it might not always be available.”

He said the state is only now suffering the consequences of its “failure to bring the water demand and water supply into balance.”

Some districts hold a polyglot of different rights, and a state-ordered curtailment could bring legal complications. The massive Glenn-Colusa Irrigation District north of Sacramento has pre-1914 water rights. It also has a “settlement contract” with the U.S. Bureau of Reclamation that says the district can’t be cut back any more than 25 percent, said general manager Thad Bettner.

If the state seeks to curtail Glenn Colusa’s rights, “then the system just starts to dissolve pretty quickly,” Bettner said. “There will be disputes ... We’re talking about legal battles.”

Earlier this year, the water board ordered more than 1,000 property owners with claims to water in the Central Valley to prove their claims.

But Chris Scheuring, a lawyer for the California Farm Bureau Federation, said it remains a challenge for some farmers to produce proof of decades-old rights established under a procedure that was once “as simple as posting a notice on a tree by the river.”

Scheuring said, “If the state board takes an action to curtail a very senior and very large water right, I think that some party is going to be willing to litigate for the principle that the state board is not the appropriate enforcement venue.”

Marcus said the board believes it has the authority. The governor’s executive order “has given us more tools” to enforce curtailment orders, she said.

Representatives of some water districts that could see their rights curtailed said they will accept the state’s order as long as legal protocol is followed, with junior rights holders cut off before senior rights holders.

Jeff Shields, general manager of the South San Joaquin Irrigation District, said he expects farmers to increase groundwater pumping to compensate for water rights curtailments.

Still, Shields lamented that farmers in the district have been “playing by the rules” for more than 100 years, counting on water they hold by right.

“Our farmers made investments to develop storage and to acquire those rights and invested in land accordingly,” he said. “So to have those rights challenged even under a temporary curtailment for the remainder of the season ... that does give us some concern.”

The district is already restricting water usage among its growers, said Dave Kamper, 56, a board member of the South San Joaquin Irrigation District.

Kamper raises 300 acres of almonds east of Manteca and is a partner in an almond-processing business. Because most growers got about 9 inches of rain this winter, the almond trees should survive, although the crop will probably be light.

“We may sacrifice some yield,” he said.

If the district’s water rights are curtailed by the state, some trees could conceivably be lost, Kamper said.

He said, “We’ll get by – different levels of discomfort, I guess.”

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Monthly Runoff and Allocation Report

-April 2015-



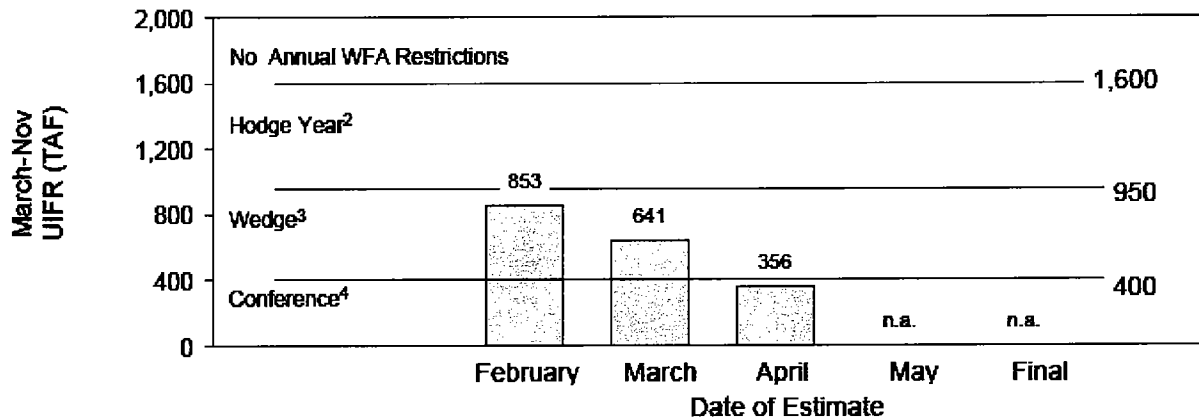
Water Forum
Successor Effort

Issuance Date: April 9, 2015

Purpose: This monthly report is issued for each of four months (i.e., February, March, April, and May) every year by the Water Forum Successor Effort to provide the status of the March through November Unimpaired Inflow into Folsom Reservoir (March-Nov UIFR). Per the Water Forum Agreement of 2000, this hydrologic index is used to determine the type of water year and may be used by American River water purveyors and water right holders to determine the extent of their dry-year procedures. For more information on these topics, visit <http://www.WaterForum.org/Dry Year Procedures>.

Projected Mar-Nov UIFR for April 2015 is 356 TAF. This appears to be a Conference Year.

Figure 1. UIFR Projections and American River Water Allocation¹



¹Several factors can affect the allocation of water supply from the American River. When Mar-Nov UIFR is greater than 1,600 TAF then no annual WF restrictions are applied. However, other restrictions could be in effect such as the CVP shortage criteria.

²A "Hodge Year" occurs when the Mar-Nov UIFR is less than 1,600 TAF. This affects the allocation of American River water for Sacramento Suburban WD (after 2010) and South County Agriculture (see footnote #9 on page 11 of the 2000 Water Forum Agreement). This is different than the instantaneous "Hodge Flow trigger" which affects diversions at the Fairbairn treatment plant when the LAR flow is less than 3,000 cfs during Mar-Jun; 2) Less than 2,000 cfs from October 16-Feb; and 3) Less than 1,750 cfs from July-Oct15.

³A "Wedge" occurs when the Mar-Nov UIFR is less than 950 TAF. This may affect the allocation of American River water for the City of Folsom, Placer County Water Agency, City of Roseville, San Juan Water District, Sacramento Suburban WD (prior to 2010) and SMUD (see footnote #3 on page 11 of the 2000 Water Forum Agreement).

⁴"Conference" years occur when Mar-Nov UIFR is less than 400 TAF. In those years diverters and others are required to meet and confer on how best to meet demands and protect the American River (footnote #2 on page 11 of the 2000 Water Forum Agreement).

Monthly Runoff and Allocation Report (continued)
-2015 -

Table 1. Monthly Runoff Values

Month	UIFR Monthly and Total Volumes in TAF				
	February Publication	March Publication	April Publication	May Publication	Final Values
March ¹	250	200	86	n.a.	n.a.
April ¹	240	180	105	n.a.	n.a.
May ¹	225	150	85	n.a.	n.a.
June ¹	65	45	20	n.a.	n.a.
July ¹	10	5	0	n.a.	n.a.
August ¹	1	0	0	n.a.	n.a.
September ¹	2	1	0	n.a.	n.a.
October ²	30	30	30	n.a.	n.a.
November ²	30	30	30	n.a.	n.a.
Total	853	641	356	n.a.	n.a.

¹ Values are from *Bulletin 120, Water Conditions in California*, California Department of Water Resources (DWR) for the given publication month (<http://cdec.water.ca.gov/snow/bulletin120/>). DWR publishes Bulletin 120 four times a year (February through May), providing forecasts of unimpaired flow for several watersheds in California for the given water year.

² Values are from *Technical Memorandum No. 1, Computing March through November Unimpaired Inflow into Folsom Reservoir*, Water Forum, May 2007.

USBR American River CVP Municipal and Industrial Contractor Allocation

On February 27, 2015 the CVP announced that Municipal and Industrial (M&I) water service contractors North-of-Delta who are serviced by Folsom Reservoir on the American River are allocated 25 percent of their historic use. (<http://www.usbr.gov/newsroom/newsrelease/detail.cfm?RecordID=48986>).

Please note that the CVP allocations are administered by the USBR and are not part of the Water Forum Agreement. The CVP information is provided for informational purposes only.