

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

3701 Marconi Avenue, Suite 100  
Sacramento, California 95821

Monday, September 21, 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 August 17, 2015 Regular Board Meeting  
*Recommendation: Approve subject minutes.*

2. Impaired Capital Asset Policy (PL - Fin 008)  
*Recommendation: Adopt subject policy.*

**Items for Discussion and Action**

3. Directors' Compensation and Expense Reimbursement Policy (PL - BOD 003)  
*Receive written policy and direct staff as appropriate.*
4. General Manager's Out of State Travel Request – American Water Works Association (AWWA) California-Nevada Section Annual Fall Conference  
*Consider approving out of state travel request.*
5. Claim - 7322 Yorktown Place #907  
*Receive written report and direct staff as appropriate.*
6. Sacramento River Water Reliability Study Update  
*Receive written report and direct staff as appropriate.*
7. Voluntary Watering Schedule Change  
*Receive written report and direct staff as appropriate.*
8. Sacramento LAFCo Election of Special District Commissioner  
*Consider nominating a candidate for LAFCo's Special District Commissioner.*
9. Project Agreement with RWA for Grant Management Services for 2014 Proposition 84 Drought Grant Projects  
*Receive written report and direct staff as appropriate.*
10. Board Direction to Convene a Stakeholder Advisory Group  
*Provide additional staff direction.*

**Information Items**

11. Water Conservation and Regional Water Efficiency Program Report
  - a. Drought Report
  - b. Summary of Activities to Date
  - c. Water Conservation Program and Results
  - d. Upcoming Events

12. District Activity Report
  - a. Water Operations and Exceptions Report
  - b. Customer Service Report
  - c. Community Outreach Report
13. Engineering Report
  - a. Major Capital Improvement Projects
  - b. County and City Projects/Coordination
  - c. McClellan Business Park
  - d. Groundwater Quality Projects
  - e. Developer Projects
  - f. Other
14. Financial Report
  - a. Financial Statements – August 2015
  - b. Investments Outstanding and Activity – August 2015
  - c. Cash Expenditures – August 2015
  - d. Credit Card Expenditures – August 2015
  - e. Directors Compensation and Expense Accounting – Through August 2015
  - f. Market Report Yields – January 2010 through August 2015
  - g. District Reserve Balances – August 2015
  - h. Information Required by Bond Agreement
15. New Other Post Employment Benefits (OPEB) Valuation

16. General Manager's Report
  - a. Hexavalent Chromium 6 Update
  - b. District Hiring Practices
  - c. McClellan Restoration Advisory Board (RAB) Meeting Update
  - d. 2016 Benefits Renewal Analysis
17. Legislative and Regulatory Update
18. Order for Technical Report – Central Valley Regional Water Quality Control Board
19. ACWA/JPIA Liability, Property, and Workers' Compensation Risk Assessment
20. Fluoridation in the South Service Area
21. Succession Plan Update
22. Upcoming Policy Review
  - a. Water Banking and Transfer Policy (PL – BOD 006)
  - b. Reserve Policy (PL – Fin 004)

### **Committee Reports**

23.
  - a. Facilities and Operations Committee (Director Wichert)  
Revised notes from July 23, 2015 meeting. Notes from the September 3, 2015 meeting.
  - b. Finance and Audit Committee (Director Locke)  
Notes from the August 28, 2015 meeting.
  - c. Government Affairs Committee (Director Wichert)  
Notes from the August 21, 2015 meeting.
  - d. Ad Hoc Water Banking and Transfer Committee (Director Locke)  
No report.
  - e. Ad Hoc Water Rights Review Committee (Director Schild)  
No report.

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

24. a. Regional Water Authority (Director Thomas)  
Agenda from the September 10, 2015 meeting.  
  
Regional Water Authority Executive Committee (General Manager Roscoe)  
Agenda from the August 26, 2015 meeting.
- b. Sacramento Groundwater Authority (Director Schild)  
No report.
- c. Water Forum Successor Effort (Assistant General Manager York)  
No report.  
  
Carryover Storage Working Group meeting, Agenda from the September 14, 2015 meeting.  
  
Water Forum Dry Year Conference meeting  
No report.  
  
Water Caucus meeting, Agenda from the September 9, 2015 meeting.
- d. Other Reports

**Miscellaneous Correspondence and General Information**

25. Correspondence received by the District
26. General Information

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

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

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

27. Conference with real property negotiator involving the purchase, sale, lease or exchange of real property, Assessor's Parcel Numbers 203-0270-001-0000 & 203-0270-001-0000. Robert Roscoe, District negotiator, will negotiate with Polycomp Trust Co. Instructions to the negotiator may include price, terms of payment, or both. (See Government Code sections 54954.5(b) and 54956.8.)

**Adjournment**

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**Upcoming Meetings**

Monday, October 5, 2015 at 3:00 p.m., Board Workshop  
Monday, October 19, 2015 at 6:30 p.m., Regular Board Meeting

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I certify that the foregoing agenda for the September 21, 2015 meeting of the Sacramento Suburban Water District Board of Directors was posted by September 17, 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.

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



## Agenda Item: 8

**Date:** September 10, 2015

**Subject:** Sacramento LAFCo Election of Special District Commissioner

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

### **Recommended Board Action:**

Direct the Secretary of the Board to either:

- 1) Cast a vote for a Sacramento Suburban Water District Board of Director for the position of Special District Commissioner Office No. 6, or, if no SSWD Director elects to run;
- 2) Cast a vote for Ron Greenwood, Director of Carmichael Water District, to be re-elected for the position of Special District Commissioner Office No. 6.

### **Discussion:**

Sacramento Local Agency Formation Commission (LAFCo) is holding an election for Special District Commissioner Office No. 6. The term of office is January 1, 2016 to December 31, 2019. The District may vote for one candidate.

The office is currently held by Ron Greenwood, a member of the Board of Directors at Carmichael Water District. Mr. Greenwood has indicated he is seeking re-election for Special District Commissioner Office No. 6.

In past elections, the District's Board had two separate regular Board meetings to nominate and vote for the subject office. The October 16, 2015 deadline is prior to the October 19, 2015 regular Board meeting, therefore, both nomination and voting has to be conducted at the September 21, 2015 regular Board meeting.

Valid ballots, voted by the majority vote of the Board and certified by the Secretary of the Board, must be received by LAFCo by October 16, 2015. The winning candidate of each ballot is determined by a majority vote and announced shortly after the deadline. A letter from LAFCo and ballot are included with this report, attached as Exhibits 1 and 2.

### **Fiscal Impact:**

None.

### **Strategic Plan Alignment:**

Leadership – 5.D. Interact with the community in a positive and progressive manner for the mutual benefit of the area (service groups, adjacent water purveyors, county/city/local government).

By voting, the District is actively participating and advancing the District's position by support of a candidate.

## EXHIBIT 1



SACRAMENTO LOCAL AGENCY FORMATION COMMISSION  
1112 I Street, Suite 100 • Sacramento, CA 95814 • (916) 874-6458 • Fax (916) 874-2939  
[www.saclafco.org](http://www.saclafco.org)

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DATE: September 9, 2015

TO: Independent Special Districts

FROM: Peter Brundage, Executive Officer  
Sacramento Local Agency Formation Commission

RE: **Sacramento LAFCo Nominations for Special District Representation  
Election for: Special District Commissioner Office No. 6**

Pursuant to the provisions of Cortese-Knox-Hertzberg (CKH), Section 56332 of the Government Code, the Executive Officer has determined that a meeting of the Special District Selection Committee is not feasible for the purpose of selecting a Special District Commissioner (Office No. 6) to serve on the Sacramento Local Agency Formation Commission (LAFCo). Based on past experience, due to the size of the Special District Selection Committee, it has been difficult to establish a quorum. Therefore, the business of the Special District Selection Committee will be conducted in writing, as provided in the cited section code.

LAFCo generally meets on the **first Wednesday of the month at 5:30 P.M.**, Board Chambers, County Administration Center, 700 H Street, Sacramento, California. The Commission meeting is on recess January and July.

### **SPECIAL DISTRICT COMMISSIONER (Office No. 6)**

This office is currently held by Ron Greenwood and expires on the 31st day of December, 2015. The term of this office is four years.

Please be advised that nominations for the Office listed above will be accepted starting September 10, 2015 until **October 16, 2015 at 4:00 P.M.** (37 days). You are invited to submit nominations to this LAFCo office. Nominations not received by 4:00 P.M. on October 16, 2015, will be disregarded and returned to your district.

**To be valid, a nomination must be made by a majority vote of the governing board of an Independent Special District in an official meeting of that board and certified by the Secretary or Clerk of the Board. A nominee must be an elected or appointed Independent Special District Officer residing within the County of Sacramento but shall not be members of the legislative body of a city or county [(CKH Section 56332 (c)).**

At the end of the nominating period, the Executive Officer will prepare and send, to each Independent Special District, one ballot listing candidates and voting instructions. The ballot will include the names of all nominees submitted for Office No. 6. The Districts must return the ballots to the Executive Officer by the date specified in the voting instructions, which date will be at least 30 days from the date on which the Executive Officer sent the ballots to the districts. Any ballot received by the Executive Officer after the specified date shall not be valid. The candidate who receives the most votes will be



determined the winner outright. In the event of a tie, there will be a run-off election held in the same format as the initial election. The Executive Officer will announce the results of the election within seven days of the specified date.

If you have questions regarding the election procedure, please contact LAFCo Commission Clerk, Diane Thorpe, at (916) 874-6458.

Very truly yours,

SACRAMENTO LOCAL AGENCY FORMATION COMMISSION



Donald J. Lockhart, AICP  
Assistant Executive Officer

cc: LAFCo Commissioners





Sacramento

EXHIBIT 2

SACRAMENTO LOCAL AGENCY FORMATION COMMISSION  
1112 I Street, Suite 100 • Sacramento, CA 95814 • (916) 874-6458 • Fax (916) 874-2939

SACRAMENTO LOCAL AGENCY FORMATION COMMISSION  
Special District Representation

**Nomination**

In accordance with the bylaws of the Special District Selection Committee,  
the Governing Board of the \_\_\_\_\_ District  
nominates \_\_\_\_\_ (Board Member) for the  
Sacramento Local Agency Formation Commission - Special District Representation:

Four year term (ends 12/31/19)

Signature: \_\_\_\_\_  
Board Chairperson

Meeting Date: \_\_\_\_\_

ATTEST:

\_\_\_\_\_  
District Manager or District Secretary

\_\_\_\_\_  
Please Print E-mail Address

***Please attach Nominee's resume with contact information.***

Please send completed nominations to Diane Thorpe, Commission Clerk.



## Agenda Item: 9

**Date:** September 8, 2015

**Subject:** Project Agreement with RWA for Grant Management Services for 2014 Proposition 84 Drought Grant Projects

**Staff Contact:** John E. Valdes, Engineering Manager

### **Recommended Board Action:**

Authorize the General Manager to execute a Project Agreement with the Regional Water Authority (RWA) for grant management services for the 2014 Proposition 84 Drought Grant projects.

### **Background:**

In July 2014, the Board of Directors authorized the General Manager to execute a Project Agreement with the Regional Water Authority (RWA) for staff time and costs associated with the preparation of an application for Proposition 84 Drought Grant Funding to be made to the Department of Water Resources (DWR). It was noted at that time that the agreement covered costs associated only with the grant application. If successful, implementation and management of the grant would be covered by a separate Project Agreement.

The District had two projects included in the grant application to DWR. These two projects are:

- Antelope Pump Back Booster Pump Station Project – This project will construct a booster pump station to pump excess groundwater from the District’s North Service Area (NSA) into the Antelope and Cooperative Transmission Pipelines (CTP) for conveyance to the various San Juan Water District (SJWD) retail customers. The pump station would have an initial pump back capacity of 10,000 gallons per minute (gpm). A smaller 2,000 gpm “pump around” pump will also be installed to allow District production operators to move water from the District’s NSA to the Arvin Area located south of I-80.
- Enterprise Intertie Improvements – The District has an existing intertie with the City of Sacramento (City) at the Enterprise Reservoir site. This intertie was originally designed for the District to take delivery of treated surface water purchased from the City. With the addition of some piping, a control valve and instrumentation and controls, this intertie could also be used for the District to deliver excess groundwater supplies to the City in dry years, thereby promoting conjunctive use.

RWA was successful in obtaining the Prop. 84 Drought Grant from DWR. See Attachment 1 attached to this staff report for a complete list of the regional grant funded projects.

**Discussion:**

RWA will now be providing grant management services for implementation and management of the grant for twelve agencies. Each Participant will pay an equal share of project management costs (“Management Fee”). RWA has prepared a Project Agreement to be executed by each agency for these services (see Attachment 2, Project Agreement). RWA’s estimated total cost to provide these management services is \$111,545, with a not-to-exceed budget of \$150,000. This amount includes all estimated project management expenses (see Attachment 2, Article 7 of the Project Agreement) for the duration of the Project. The minimum assumed grant benefit and Management Fee for each Participant is shown in Exhibit 1 to the agreement.

The Project Agreement was prepared by the District’s legal counsel, which is also the legal counsel for RWA. Comments on a draft agreement were received by the various affected agencies receiving grant proceeds and provided to legal counsel for review. The attached agreement is the finished product. Please note that Appendix A to Exhibit 2, the grant agreement between RWA and DWR, has been omitted for brevity and is available on request (it is 122 pages in length).

**Fiscal Impact:**

The immediate fiscal impact to the District is a not to exceed amount of \$12,500 for RWA’s estimated costs to manage the grant. However, total grant funds of \$828,750 have been obtained for the District’s two projects. Of this amount, \$718,125 is for the Antelope Pump Back project and \$110,625 is for the Enterprise Intertie Improvements project.

**Strategic Plan Alignment:**

Leadership – 5.C. Participate in regional, statewide and national water management partnerships.

The two grant projects are captured in RWA’s Integrated Regional Water Management (IRWM) Plan to continue the regional efforts for conjunctive use and manage groundwater and surface water supplies in the region.

DESCRIPTION OF PARTICIPANT PROJECTS

Organization	Project Name	Grant Award
Camichael Water District	Lower American River Pipeline	\$ 775,000
City of Folsom	Hazel/50 Intertie Improvements	\$ 546,000
City of Lincoln	Well #2 Reactivation	\$ 196,625
City of Lincoln	Nelson Well Improvements	\$ 219,125
City of Roseville	PFE and Zone 4 Pump Stations	\$ 1,142,500
City of Sacramento	Phase 2B Well Rehabilitations	\$ 597,084
City of Sacramento	Sacramento River Pump Station Modifications	\$ 156,833
City of Sacramento	Lower American River Pump Station Modifications	\$ 156,833
El Dorado Irrigation District	Main Ditch Piping	\$ 1,021,250
Fair Oaks Water District	Madison Well Construction	\$ 719,375
Placer County Water Agency	American River Pump Station Improvements	\$ 860,625
Placer County Water Agency	Agricultural Drought Response Incentives Program	\$ 306,875
Regional Water Authority	Regional Water Efficiency Drought Measures	\$ 1,013,750
Sacramento County Water Agency	Striker Well Upgrades	\$ 505,000
Sacramento Suburban WD	Antelope Booster Pump Station Phase 2	\$ 718,125
Sacramento Suburban WD	Enterprise Intertie Improvements	\$ 110,625
San Juan Water District	Barton Road Intertie	\$ 719,375
		\$ 9,765,000

**REGIONAL WATER AUTHORITY  
PROJECT AGREEMENT**

**PROPOSITION 84 2014 DROUGHT GRANT PROJECT**

This Agreement is made and entered into as of the \_\_\_ day of \_\_\_\_\_, 2015, by and between the Regional Water Authority (“RWA”), a joint exercise of powers authority formed under California Government Code section 6500, and following, and the RWA Members and Contracting Entities listed in Exhibit 1 to this Agreement, upon their execution of this Agreement (who are collectively referred to in this Agreement as “Participants”), to provide for carrying out a project or program that is within the authorized purposes of RWA, and sharing in the cost and benefits by the Participants.

**RECITALS**

A. RWA is a joint powers authority, formed to serve and represent regional water supply interests and to assist its members in protecting and enhancing the reliability, availability, affordability and quality of water resources.

B. The joint powers agreement (“RWA JPA”) pursuant to which RWA was formed and operates, authorizes RWA to enter into a “Project or Program Agreement,” which is defined in the RWA JPA as an agreement between RWA and two or more of its Members or Contracting Entities to provide for carrying out a project or program that is within the authorized purposes of RWA, and sharing in the cost and benefits by the parties to the Project or Program Agreement.

C. Article 21 of the RWA JPA states: “The Regional Authority’s projects are intended to facilitate and coordinate the development, design, construction, rehabilitation, acquisition or financing of water-related facilities (including sharing in the cost of federal, State or local projects) on behalf of Members and/or Contracting Entities. The Regional Authority may undertake the development, design, construction, rehabilitation, acquisition or funding of all or any portion of such projects on behalf of Members and/or Contracting Entities in the manner and to the extent authorized by such Members and/or Contracting Entities as provided in this Agreement, but shall not accomplish these functions, nor acquire or own water-related facilities in its own name.”

D. Article 22 of the RWA JPA states: “Prior to undertaking a project or program, the Members and/or Contracting Entities who elect to participate in a project or program shall enter into a Project or Program Agreement. Thereafter, all assets, benefits and obligations attributable to the project shall be assets, benefits and obligations of those Members and/or Contracting Entities that have entered into the Project or Program Agreement. Any debts, liabilities, obligations or indebtedness incurred by the Regional Authority in regard to a particular project or program, including startup costs advanced by the Regional Authority, shall be obligations of the participating Members and/or Contracting Entities, and shall not be the debts, liabilities, obligations and indebtedness of those Members and/or Contracting Entities who have not executed the Project or Program Agreement.”

E. RWA and the Participants desire to carry out a project and share in the costs and benefits of the project, as a Project or Program Agreement as provided for in Articles 21 and 22 of the RWA JPA.

F. RWA developed and adopted an Integrated Regional Water Management (“IRWM”) Plan for the lower American River Basin (“ARB”) to identify objectives and projects that will result in water supplies for all uses in a sustainable environment.

G. The California Department of Water Resources has awarded a Proposition 84 2014 IRWM Drought Grant to fund priority projects in response to ongoing drought conditions in the State.

In consideration of the promises, terms, conditions and covenants contained herein, the parties to this Agreement hereby agree as follows:

**1. Recitals Incorporated.** The foregoing recitals are hereby incorporated by reference.

**2. Description of the Project.** The project that RWA and the Participants desire to carry out involves completing the suite of projects included in RWA’s application to the California Department of Water Resources (“DWR”) for a 2014 IRWM Drought Grant under the Safe Drinking Water, Water Quality and Supply, Flood Control, River and Coastal Protection Bond Act of 2006 (“Prop 84”), to fund certain Participant projects in response to drought conditions as submitted on July 21, 2014. These projects are identified in Exhibit 1 of this Project Agreement.

**3. Project Committee.** The Participants hereby form a Project Committee consisting of one representative (and one or more alternates) designated by each Participant. The Project Committee will meet as necessary from time to time to administer and implement this Agreement on behalf of the Participants. A majority of the members of the Project Committee will constitute a quorum, and a majority of the members of the Project Committee will be required for an affirmative vote to take action on behalf of the Participants.

**4. Sharing in Project Costs and Benefits.** It is anticipated that twelve entities will participate in the Project. Each Participant will pay an equal share of project management costs (“Management Fee”), which will consist of an estimated budget of \$111,545, with a not-to-exceed budget of \$150,000. This amount includes all estimated project management expenses (see Article 7 of this Agreement) for the duration of the Project. The minimum assumed grant benefit and Management Fee for each Participant is shown in Exhibit 1. Except as otherwise authorized in this Agreement, a Participant’s Management Fee shall not exceed the amount shown in Exhibit 1.

The Project Committee will pay back any surplus funds, including any excess Management Fees, to the Participants on an equal share basis reflecting the amount of the payments made by each of the Participants. In accordance with the provisions of Articles 21 and 22 of the RWA JPA, any debts, liabilities, obligations or indebtedness incurred by RWA in regard to the Project will be the obligations of the Participants, and will not be the debts, liabilities, obligations and indebtedness of those Members and/or Contracting Entities who have not executed this

Agreement.

**5. Role of Participants.** Participants to this Project Agreement acknowledge that RWA will execute a grant agreement with DWR to accept the 2014 IRWM Drought Grant. The Participants, acting as Local Project Sponsors, shall assume responsibility of individual project management, oversight, compliance, and operations and maintenance of their respective projects. The Participants shall also act on behalf of RWA in the fulfillment of responsibilities as specified in the grant agreement with DWR. Specified responsibilities are identified in Exhibit 2 of this Project Agreement. RWA will have no obligation to prepare and submit invoices or take any other actions on behalf of, or liability for failing to take any action in regard to obtaining reimbursement for, any Participant that breaches one or more of its responsibilities provided in this Agreement or Exhibit 2 hereof and that fails to cure such breach promptly after receipt of notice from RWA of the breach and requirements for curing the breach. RWA also will have no liability to any Participant for the unavailability of grant funds from the DWR or any other state or federal agency.

**6. Role of RWA.** The Executive Director of RWA will: (a) ensure that the interests of Members and Contracting Entities of RWA who do not participate in this Project are not adversely affected in performing this Agreement, (b) provide information to the Participants on the status of implementation of the Project, (c) assist the Project Committee in carrying out its activities under this Agreement, and (d) administer implementation of the grant on behalf of RWA and the Participants consistent with the determinations of the Project Committee and the provisions of this Agreement.

**7. RWA Project Management Expenses.** As part of the project management budget of \$111,545 (including legal fees, data collection and retrieval, report preparation, project management, project audits, and other activities necessary to complete the project), each Participant will pay RWA the amount shown in Exhibit 1 as its Management Fee. The amount of \$111,545 to manage the grant is based on a cost estimate developed by RWA staff, which is attached as Exhibit 3. The total estimated project management fee will be subject to revision up to the not-to-exceed budget of \$150,000 by approval of a majority of the Project Committee if actual management costs are greater than the original estimate, provided that a Participant's Management Fee shall not exceed the not-to-exceed amount shown for that Participant in Exhibit 1. While none are anticipated at this time, any fee increases above the not-to-exceed budget would require a written amendment to this Agreement approved by the governing body of each participant.

**8. Authorization to Proceed with the Project.** The Project is authorized to proceed upon the commitment of \$50,000 by Project Participants to fund the initial Project costs. Upon execution of this Agreement, each Participant agrees to pay their Management Fee as required by Articles 4 and 7. Payments will be due and payable upon RWA's presentation of an invoice to each Participant.

**9. Term.** This Agreement will remain in effect for as long as any obligations under this Agreement remain outstanding.



**10. Withdrawal.** A Participant may withdraw from this Agreement at any time, effective upon sixty days' notice to RWA and the other Participants, provided that the withdrawing Participant will not be entitled to a refund of any portion of its initial Project costs and initial Management Fee payment.

**11. Amendments.** This Agreement may be amended from time to time with the approval of all of the Participants and RWA.

**12. General Provisions.** Any notice to be given under this Agreement may be made by: (a) depositing in any United States Post Office, postage prepaid, and shall be deemed received at the expiration of 72 hours after its deposit; (b) transmission by facsimile copy; (c) transmission by electronic mail; or (d) personal delivery. This Agreement shall be governed by the laws of the State of California. This Agreement may be executed by the parties in counterpart, each of which when executed and delivered shall be an original and all of which together will constitute one and the same document.

The foregoing Proposition 84 2014 IRWM Drought Grant Project Agreement, is hereby consented to and authorized by RWA and the Participants.

Dated: \_\_\_\_\_, 2015

Dated: \_\_\_\_\_, 2015

\_\_\_\_\_  
Signature

\_\_\_\_\_  
Signature

\_\_\_\_\_  
Name

\_\_\_\_\_  
Name

Regional Water Authority

\_\_\_\_\_  
Organization

EXHIBIT 1

DESCRIPTION OF PARTICIPANT PROJECTS

Organization	Project Name	Grant Award	Management Fee	Not-to-Exceed Fee
Carmichael Water District	Lower American River Pipeline	\$ 775,000	\$ 9,300	\$ 12,500
City of Folsom	Hazel/50 Interfite Improvements	\$ 546,000	\$ 9,300	\$ 12,500
City of Lincoln	Well #2 Reactivation	\$ 196,625	\$ 9,300	\$ 12,500
City of Lincoln	Nelson Well Improvements	\$ 219,125		
City of Roseville	PFE and Zone 4 Pump Stations	\$ 1,142,500	\$ 9,300	\$ 12,500
City of Sacramento	Phase 2B Well Rehabilitations	\$ 597,084	\$ 9,300	\$ 12,500
City of Sacramento	Sacramento River Pump Station Modifications	\$ 156,833		
City of Sacramento	Lower American River Pump Station Modifications	\$ 156,833		
El Dorado Irrigation District	Main Ditch Piping	\$ 1,021,250	\$ 9,300	\$ 12,500
Fair Oaks Water District	Madison Well Construction	\$ 719,375	\$ 9,300	\$ 12,500
Placer County Water Agency	American River Pump Station Improvements	\$ 860,625	\$ 9,300	\$ 12,500
Placer County Water Agency	Agricultural Drought Response Incentives Program	\$ 306,875		
Regional Water Authority	Regional Water Efficiency Drought Measures	\$ 1,013,750	\$ 9,300	\$ 12,500
Sacramento County Water Agency	Striker Well Upgrades	\$ 505,000	\$ 9,300	\$ 12,500
Sacramento Suburban WD	Antelope Booster Pump Station Phase 2	\$ 718,125	\$ 9,300	\$ 12,500
Sacramento Suburban WD	Enterprise Interfite Improvements	\$ 110,625		
San Juan Water District	Barton Road Interfite	\$ 719,375	\$ 9,300	\$ 12,500
		\$ 9,765,000	\$ 111,600	\$ 150,000

## EXHIBIT 2

### PARTICIPANT/LOCAL PROJECT SPONSOR OBLIGATIONS UNDER DWR PROPOSITION 84 2014 IRWM DROUGHT GRANT AGREEMENT

Each Participant listed in Exhibit 1, acting as a Local Project Sponsor, has agreed in accordance with Section 5 of the Program Agreement that it will fully and timely perform all Local Project Sponsor obligations. Under Article 8 of the Proposition 84 Drought Grant Agreement between RWA and DWR (“Grant Agreement”), each Local Project Sponsor is required to act on behalf of RWA for the purposes of individual project management, oversight, compliance, and operations and maintenance, and to act on behalf of RWA in the fulfillment of RWA’s responsibilities under the agreement.

The draft Grant Agreement is attached as Appendix A to this Exhibit 2 and made a part hereof. The attached draft agreement will be replaced as necessary with any amended drafts and, when executed, with the final document. RWA will provide each Participant with a copy of any revised drafts and the executed final Grant Agreement. Any new or amended terms and conditions in subsequent versions of the Grant Agreement will govern over the similar terms and conditions stated in this Exhibit 2.

Each Participant will include all applicable provisions in this Exhibit 2 as contract terms, conditions or specifications in any consulting, construction or other contract let to a contractor or subcontractor to carry out any portion of a project funded under the Grant Agreement.

With reference to the attached Grant Agreement, each Participant is required to:

#### **I. Financial Provisions**

A. Cost Share. Each Participant shall be obligated to provide its agreed local cost share for its project in the amount agreed between RWA and DWR and approved by Participant. Each participant may include eligible costs for its project incurred after January 1, 2010 in its local cost share amount.

B. General Funding Conditions. In order to be eligible for reimbursement of project costs, each Participant is required to comply with the following general conditions: (1) demonstrate the availability of sufficient funds to complete its project by submitting the most recent 3 years of audited financial statements; (2) if applicable, comply with Public Resources Code section 75102 to notify any California Native American tribe with traditional lands located within the project area of project construction (using contact list maintained by the Native American Heritage Commission); and (3) for groundwater management and recharge projects and projects with potential groundwater impacts, demonstrate compliance with the groundwater compliance options set forth on page 13 of the IRWM Drought Solicitation Guidelines, dated June 2014.

C. Eligible Project Costs. Participants may only apply grant funds to eligible project costs in accordance with applicable provisions of the law and Exhibit C of the attached Grant Agreement.

Eligible project costs include the reasonable costs of studies, engineering, design, land and easement acquisition, legal fees, preparation of environmental documentation, environmental mitigations, monitoring, and project construction. Reasonable administrative expenses may be included as Project Costs, depending on the complexity of the project preparation, planning, coordination, construction, acquisitions, implementation, and maintenance. For a more detailed description of project costs that are eligible for reimbursement and costs that are not eligible for reimbursement, Participants should review Article 11, page 2, of the attached Grant Agreement.

D. Invoice Information. Invoices must include all of the information provided in Article 12, page 3 of the attached Grant Agreement. RWA will provide Participants with information on preparing reimbursement requests and the information required to prepare and submit invoices to DWR. Each Participant will promptly respond to any RWA request for additional information necessary for RWA staff to prepare reimbursement requests acceptable to DWR.

E. Accounting and Deposit of Funding Disbursement. Each Participant is obligated to account for the expenditure of all grant funds received. Participant's obligations all of the accounting, disclosure and return of funds provisions set forth in Article D.1, Exhibit D of the attached Grant Agreement.

F. Travel. Each participant agrees that travel and per diem costs shall not be eligible for reimbursement with State funds, and shall not be eligible for computing participant cost match. Travel includes the costs of transportation, subsistence, and other associated costs incurred by personnel during the term of the attached Grant Agreement.

## **II. Permitting and Environmental Compliance**

A. Environmental Compliance. No Participant may proceed with any project work that is subject to CEQA and any other environmental permitting requirements until Participant: (1) submits all applicable environmental permits indicated on the Environmental Information Form to DWR; (2) provides copies of any CEQA documents required for its project to DWR; and (3) after DWR completes any required CEQA compliance review as a Responsible Agency, receives written concurrence from the DWR of Participant's CEQA documents and DWR's notice of verification of environmental permit submittal.

B. Permits, Licenses, and Approvals. Each Participant shall be responsible for ensuring that any and all permits, licenses, and approvals required for performing its project are obtained, and shall comply with federal, State and local laws, rules, and regulations, guidelines, and requirements applicable to its project.

## **III. Reporting and Audit Obligations**

A. Submission of Reports. Each Participant will provide all reports (including Quarterly Progress, Water Management Status, Project Completion, Grant Completion, and Post-Performance Reports), data, information, and certifications necessary for RWA to comply with all DWR reporting requirement provided in the Grant Agreement. RWA will provide Participants with template report forms, reporting and instructions and related assistance to

ensure the timely preparation and submittal of all reports in the necessary formats required under the Grant Agreement. Participants will timely respond to any RWA requests for additional information and work on required reports. The types, format, content, and timing of required reports is provided in Exhibit G to the attached Grant Agreement and Participants are encouraged to review and familiarize themselves with that information. Water Management Status reporting requirements are described in Article 19, page 6 of the attached Grant Agreement.

B. State Audits. The State reserves the right to conduct an audit at any time between the execution of the Grant Agreement and the completion of any or all projects funded by the Grant Agreement. After completion of all projects, the State may require RWA to obtain a final audit conducted by an independent Certified Public Accountant. In addition, under Government Code section 8546.7, the State may audit the performance of the Grant Agreement or of individual projects for a period of three years after final payment under the Grant Agreement (i.e., completion of all projects and payment of closing invoice). Participants, and their contractors and subcontractors, are required to preserve all project-related records and data for a minimum of three years after final payment under the Grant Agreement. See Exhibit I to the attached Grant Agreement for a listing of documents and records that State Auditors would require for review if this grant or any individual project(s) funded by it are audited.

C. Disposition of Equipment. Upon RWA's request, each Participant shall provide a final inventory list of equipment purchased with grant funds provided by DWR with a current estimated fair market value of more than \$5,000 per item. Under the Grant Agreement, DWR reserves the right to take title and possession of any items listed in the inventory that it identified in writing within 60 days of receipt of such inventory. All other listed items shall become the Participant's property.

D. Retention. DWR will withhold five percent (5.0%) until January 1, 2018 and ten percent (10.0%), thereafter, of the funds requested by RWA for reimbursement of project costs until after all projects are completed and RWA has complied with its obligation to submit all required reports as provided in Section III.A., above, and Article 19 of the Grant Agreement. Upon receipt of the retained funds held by DWR, RWA will distribute those funds to each Participant in accordance with the previously agreed amount due.

#### **IV. Project Construction and Operation**

A. Labor Compliance. Each Participant must, independently or through RWA (subject to approval by DIR), adopt and enforce a Department of Industrial Relations-certified Labor Compliance Program ("LCP") meeting the requirements of Labor Code section 1771.5. Upon request by the State or RWA, each Participant will promptly submit written evidence of its compliance with the LCP requirements.

B. Operation and Maintenance of Project. Each Participant shall ensure the proper start up and continued efficient and economical operation of its project. Such obligation includes making all repairs, renewals, and replacements necessary to the efficient operation and maintenance of the project. Operations and maintenance costs of funded projects are not reimbursable expenses under the Grant Agreement and each Participant shall be solely liable for payment of such costs.

C. Acknowledgement of Credit. Participants shall include appropriate acknowledgement of the State and any cost-sharing partners for their support when promoting their projects or using any data or information developed under the Grant Agreement. During construction of a project, a Participant must install a sign at a prominent location which shall include a statement that the project is financed under the Safe Drinking Water, Water Quality and Supply, Flood Control, River and Coastal Protection Bond Act of 2006, administered by State of California, Department of Water Resources. Each participant shall notify RWA and DWR that the sign has been erected by providing them with a site map with the sign location noted and a photograph of the sign.

D. Competitive Bidding and Procurement. Each Participant shall comply with all applicable competitive bidding and procurement laws and regulations when contracting for the acquisition of goods and services and construction of projects funded under the Grant Agreement.

E. Inspections and Certification by Engineer.

1. Upon completion of a project and as determined by State, each Participant shall provide for a final inspection and certification by a California Registered Civil Engineer that the project has been completed in accordance with submitted final plans and specifications and any modifications thereto and with the Grant Agreement.

2. The State shall have the right to inspect project work being performed at any and all reasonable times. Each Participant shall include provisions ensuring such access for the State in all contracts and subcontracts entered into for projects funded under the Grant Agreement. During regular office hours, State shall have the right to inspect and to make copies of any books, records, or reports of the Participant and its contractors and subcontractors relating to this Grant Agreement.

## **V. Regulatory Requirements**

A. Child Support Obligations. Each Participant acknowledges and agrees that by participating in the grant, it recognizes the importance of child and family support obligations and will fully comply with all applicable state and federal laws relating to child and family support enforcement, including, but not limited to, disclosure of information and compliance with earnings assignment orders, as provided in Chapter 8 (commencing with section 5200) of Part 5 of Division 9 of the Family Code. Each Participant also will fully comply with the earnings assignment orders of all employees and will provide the names of all new employees to the New Hire Registry maintained by the California Employment Development Department.

B. Drug-Free Workplace. Each Participant certifies, under penalty of perjury under the laws of State of California, its compliance with the requirements of the Drug-Free Workplace Act of 1990 (Government Code 8350 et seq.) and have or will provide a drug-free workplace by taking all of the actions provided in Article D.18, Exhibit D to the attached Grant Agreement.

C. Nondiscrimination. Each Participant acknowledges and agrees that it shall not unlawfully discriminate, harass, or allow harassment against any employee or applicant for employment

because of sex, race, color, ancestry, religious creed, national origin, physical disability (including HIV and AIDS), mental disability, medical condition (cancer), age (over 40), marital status, and denial of family care leave. Participants shall comply with the provisions of the Fair Employment and Housing Act (Government Code Section 12990 (a-f) et seq.) and the applicable regulations promulgated thereunder (California Code of Regulations, Title 2, Section 7285 et seq.). Each Participant shall give written notice of its obligations under this paragraph to labor organizations with which they have a collective bargaining or other agreement.

D. Americans With Disabilities Act. Each Participant certifies that it complies with the Americans with Disabilities Act (ADA) of 1990, (42 U.S.C., 12101 *et seq.*), and all applicable regulations and guidelines issued pursuant to the ADA.

E. Groundwater Monitoring. Any Participant carrying out a groundwater project or project that includes groundwater monitoring requirements funded by the Grant Agreement shall ensure that such projects are consistent with the Groundwater Quality Monitoring Act of 2001 (Part 2.76, commencing with Section 10780, of Division 6 of Water Code) and, where applicable, that projects affecting water quality shall include a monitoring component that allows the integration of data into statewide monitoring efforts, including where applicable, the Surface Water Ambient Monitoring Program carried out by the State Water Resources Control Board.

## **VI. Miscellaneous Provisions**

A. Computer Software. Each Participant certifies that it has appropriate controls in place to ensure that grant funds will not be used for the acquisition, operation, or maintenance of computer software in violation of copyright laws.

B. Project Monitoring Plan Requirements. Each Participant shall provide all data, information and cooperation requested by RWA to assist it with the preparation and submittal of the Project Monitoring Plan required under Article 21 of the attached Grant Agreement.

C. Notification of State. Each Participant will promptly notify RWA in writing of the following:

1. Events or proposed changes in a project that could affect the scope, budget, or work performed under the Grant Agreement.

2. Any public or media event publicizing the accomplishments or results of a project funded under the Grant Agreement. Participants shall notify RWA at least 14 calendar days in advance of any such event to provide State representatives with the opportunity to attend and participate.

3. Final inspection of a completed project by a Registered Civil Engineer (See Item IV.E, above). Participants shall notify RWA at least 14 calendar days in advance of any such inspection in order to provide State representatives with the opportunity to participate.

D. Prohibition Against Disposal of Project Without State Permission. Participants shall not sell, abandon, lease, transfer, exchange, mortgage, hypothecate, or encumber in any manner whatsoever all or any portion of any real or other property necessarily connected or used in

conjunction with their projects without DWR's prior permission. Participants also shall not take any action relating to user fees, charges, and assessments that could adversely affect its ability to meet its obligations under the Grant Agreement, without prior written permission of State.

E. State Indemnification. Grantee shall indemnify and hold and save the State, its officers, agents, and employees, free and harmless from any and all liabilities for any claims and damages (including inverse condemnation) that may arise out of the Projects and this Agreement, including, but not limited to any claims or damages arising from planning, design, construction, maintenance and/or operation of levee rehabilitation measures for this Project and any breach of this Agreement. Grantee shall require its contractors or subcontractors to name the State, its officers, agents and employees as additional insured on their liability insurance for activities undertaken pursuant to this Agreement.



**APPENDIX A**

**PROPOSITION 84 2014 DROUGHT GRANT AGREEMENT BETWEEN  
RWA AND DWR**

# Exhibit 3

## COST ESTIMATE - PROP 84 2014 Drought Grant Management

Project Management Tasks	Staff	Hrs	Rate	Total
Finalize Grant Agreement with DWR (includes update of scope, schedule, budget and finalizing assessment plan)	Legal Counsel Principal Project Manager Project Research Asst.	6 20 12	250 140 65	\$1,500 \$2,800 \$780
Develop and Execute Project Agreement with Grant Recipients	Legal Counsel Principal Project Manager Project Research Asst.	6 24 12	250 140 65	\$1,500 \$3,360 \$780
Grant Agreement Support to Grant Recipients	Principal Project Manager Project Research Asst.	48 48	140 65	\$6,720 \$3,120
Conduct and Document Project Committee Meetings (up to 4 meetings)	Principal Project Manager Project Research Asst.	12 12	140 65	\$1,680 \$780
Submit Requirements for Disbursement for Projects	Principal Project Manager Project Research Asst.	34 51	140 65	\$4,760 \$3,315
Prepare Invoices for Grant Reimbursement to DWR (up to 16 total)	Principal Project Manager Project Research Asst.	64 256	140 65	\$8,960 \$16,640
Prepare Reimbursement Payments to Participants	Finance Manager Project Research Asst.	24 24	100 65	\$2,400 \$1,560
Prepare Quarter Reports to DWR (up to 10)	Principal Project Manager Project Research Asst.	20 160	140 65	\$2,800 \$10,400
Prepare Project Completion Reports	Principal Project Manager Project Research Asst.	36 72	140 65	\$5,040 \$4,680
Prepare Post-Project Annual Reports (for 10 years)	Principal Project Manager Project Research Asst.	10 20	140 65	\$1,400 \$1,300
Coordination Meetings with DWR (up to 3 meetings)	Principal Project Manager Project Research Asst.	12 12	140 65	\$1,680 \$780
Direct Expenses				\$1,000
Consulting Support to Finalize Grant Agreement with DWR				\$8,500
<b>Total RWA Project Management</b>				<b>\$98,235</b>
<b>Contingency - 15% of Project Management Costs</b>				<b>\$13,310</b>
				<b>\$111,545</b>

2 hr/month  
2 hr/month  
3 hr/mtg  
3 hr/mtg  
2 hr/project  
3 hr/project  
4 hr/invoice  
16 hr/invoice  
2 hr/report  
16 hr/report  
2 hr/project  
4 hr/project  
1 hr/report  
2 hr/report  
4 hr/mtg  
4 hr/mtg

Accounts, in part, for potential future salary increases



## Agenda Item: 10

**Date:** September 16, 2015

**Subject:** Board Direction to Convene a Stakeholder Advisory Group

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

### Discussion:

At the August 2015 Board meeting, during an update on reorganization discussions, the General Manager was given direction to convene a stakeholder advisory committee with neighboring water purveyors, including elected officials of those agencies. The specific agencies listed to be involved in this group include:

- Sacramento Suburban Water District
- San Juan Water District
- Fair Oaks Water District
- Citrus Heights Water District
- The City of Folsom
- Orangevale Water Company
- Carmichael Water District and,
- Del Paso Manor Water District

Other local water purveyors were not included at this time.

The General Manager has encountered difficulty in coordinating an initial meeting of this group, largely as a result of not being able to clearly articulate the purpose of the meeting. Staff is seeking additional direction from the Board. A sampling of issues include:

1. Purpose: What is expected to be accomplished? Is there a mission statement?
2. Logistics: Where, when, how often, and for how long would such a committee be expected to convene?
3. Governance: Who sets the agendas, who holds the gavel, and how are outcomes determined? Do all in attendance have an equal vote and do all decisions require unanimity?
4. What is the process for adding or dropping entities?

Staff suggests the appointment of an ad-hoc committee to work with staff to better define the purpose and intent of a stakeholder advisory committee under various scenarios:

Board Direction to Convene a Stakeholder Advisory Group

September 16, 2015

Page 2 of 2

1. Consolidation discussions between SJWD and SSWD continue (the committee has a mission of informing the phase 2B process.)
2. Consolidation discussions are terminated (the committee could function as an RWA sub-committee surrogate, to investigate opportunities for additional regional water reliability collaboration.)
3. Consolidation discussions are left in an effective limbo and the purpose of this committee is to be determined.
4. Other.

Staff requests additional Board direction.



## Agenda Item: 11

**Date:** September 9, 2015

**Subject:** Water Conservation and Regional Water Efficiency Program Report

**Staff Contact:** Greg Bundesen, Water Conservation Supervisor

### a. Drought Report

The District just met the State Water Resources Control Board's (SWRCB) mandatory water conservation reduction standard of 32% in August 2015. The District reduced its water use by 31%.6 (see Exhibit 1) when compared to the August 2013, and cumulatively (June-August) the District has exceeded its mandatory reduction targets by reducing its water use by 35.5%. In an email from Eric Oppenheimer, SWRCB Director of Research, Planning and Performance, the District was congratulated for exceeding the mandated water reduction (see Exhibit 2).

The SWRCB noted in their August 27, 2015 media release, that despite continued hot conditions, Californians continued their conservation efforts and reduced water use statewide by 31.3%, exceeding the state's 25% mandate. Also noted in this release were compliance statistics for the 402 water suppliers reporting for the month of July. The majority of the suppliers (72%) met, or were within one percent of their conservation standard; 15% were between one and five percent of meeting their conservation standards; and 12% were between five and 15 percent of their conservation standard. There were four (4) water suppliers that were greater than 15% from their conservation standard. The SWRCB stated in their release that these agencies would be required to provide information about their existing conservation measures and how they could potentially increase their water use reduction (see Exhibit 3 for the full media release).

The Regional Water Authority published its July 2015 water conservation results for its member agencies. According to the RWA's June 2015 report (see Exhibit 4) the region has reduced its water consumption by 29.3%.

### b. Summary of Activities To Date

As previously reported, on April 1, 2015 the Governor of California issued Executive Order B-29-15 calling on the State Water Resources Control Board (SWRCB) to impose restrictions on urban water suppliers to achieve a 25% reduction in statewide water use by the end of February 2016. The SWRCB met on May 5, 2015 and passed its Emergency Regulations for meeting the Governors 25% reduction. The District has been assigned a 32%

reduction target from the SWRCB. Water utilities are mandated to reduce their total water production, not GPCD, by the amount of their assigned tier. The water utilities GPCD was only used to set the target reduction tier.

In response to the SWRCB mandatory 32% water reduction target, the Sacramento Suburban Water District (District) has implemented a very aggressive Water Conservation Program. The District has taken the following Demand Management Measures (DMM) approach to meet the SWRCB reduction target:

#### DMM 1 – Water Loss Control

District staff implemented a program to reduce pressure system wide. Beginning in April 2015 staff began gradually reducing system pressures an average of 5 pounds per square inch to reduce water loss from undetected leaks in systems mains and service lines. Adequate pressure has been maintained to meet all state and federal health and safety requirements, and the number of low pressure inquiries has not escalated as result of this reduction. As part of DMM 1 – Water Loss Control, District staff sent out a Request for Proposals to two agencies that perform leak detection services. The Board of Directors (Board) authorized an additional \$100,000 (roughly 200 miles of pipeline) for leak detection services for CY2015. Staff has awarded the RFP to Utility Services Associates (USA). Staff anticipates the leak detection program to begin in the Fall of CY2015 to minimize false leak noises due to late night irrigation by customers.

#### DMM 2 – Water Metering

District staff has procured a contractor to begin the installation of Fixed Network Advanced Metering Infrastructure (AMI) on all metered accounts 3” and greater. AMI will give staff the ability to track the larger accounts and provide early leak detection and abnormally high water use notification. This tool is also being utilized for residential metered services equipped with AMI. DMM 2 has been completed.

#### DMM 3 – Community Outreach

Public Outreach is by far the largest effort that staff is undertaking. Exhibit 5, Figures 1 – 14, show all of the graphics for the District Community Outreach material. Below is a list of Community Outreach actions District staff is or will be implementing throughout CY2015:

1. Post Card Messaging – Figure 1 shows the post card that was generated and sent to District customers on June 1, 2015 regarding the District’s newly adopted watering restrictions.
2. Door Hanger – Figure 2 shows the door hanger that staff is utilizing when targeting neighborhoods for direct messaging. The Board approved funding for a program that will target specific areas of the District with water conservation related messaging. District staff distributed an RFP to provide door-to-door canvassing. The selected company will deliver the door hangers each month as new high use areas are identified. Staff has contracted with Power Direct for door-to-door message delivery.

3. Sacramento Bee Newspaper Post It – Figure 3 shows the front page Post-It notices that were affixed to the front of the Sacramento Bee newspapers and delivered to approximately 25,000 District customers based on zip code on June 21, 2015 and July 19, 2015. The Sacramento Bee can target specific zip codes with messaging. Figure 3 also depicts another Post-It notice that will be placed on the front page of the Sacramento Bee in August.
4. Bucket Brigade – Figure 4 depicts a graphic used for an outreach item that will be provided to interested customers. According to the Water Conservation Survey results, the most popular indoor action that customers are taking to reduce their water use indoor is to collect water from their faucets and showers while waiting for it to heat up. The collected water is used for indoor and outdoor plants. Staff received the buckets and has been providing buckets with the aforementioned graphic filled with indoor water saving devices to interested customers at the Administration office, and at community outreach events.
5. Media Press Release – Figure 5 shows the media press release that went out to the following media agencies on May 28, 2015:
  - a. Fox 40 (FOX), Television
  - b. KCRA (NBC), Television
  - c. KOVR (CBS and Good Day), Television
  - d. News 10 (ABC), Television
  - e. Capital Public Radio
  - f. KFBK, Radio
  - g. Drought Team: Tony Bizjak and Philip Reese, Sacramento Bee Newspaper
  - h. Home & Garden: Debbie Arrington, Sacramento Bee Newspaper
  - i. Editorial Page: Dan Morain and Foon Rhee, Sacramento Bee Newspaper
  - j. Sac News & Review, Newspaper
  - k. Arden-Carmichael News, Newspaper
  - l. Inside Arden, Newspaper
  - m. Antelope News, Newspaper
  - n. Carmichael Times, Newspaper
  - o. American-River Messenger, Newspaper
  - p. North Sac News, Newspaper

Additional press releases were set to T.V., Radio, and the Sacramento Bee in July 2015. Figure 6 shows print advertisements that were sent out to other local District publications.

Figures 6 & 7 show print advertisement that was placed in local newspapers around the District in August 2015.

6. Marconi Office Banner – District staff and its Public Outreach Consultant (POC) developed a water conservation related message that was placed on large banners to be

displayed on the outside of the Marconi Administration building urging customers to use water efficiently. Figure 8 shows the banner (one small and one large) that has been installed at the District's administration office on Marconi Ave. This item has been completed.

7. Vehicle Signage – District staff and its POC finalized language for temporary magnetic signs that were placed on all District vehicles on June 25, 2015. There are 6 different signs that are being periodically rotated amongst the vehicles throughout the year to ensure the messaging stays fresh. Figure 9 shows all 6 variations of the vehicle sign magnets that were created. This item has been completed.
8. District Website – The District's website has been updated with the new water conservation regulations that were passed by the Board in May 2015. Staff has made the Water Conservation web page more user friendly by re-organizing the web page menu based on the most popular inquiries received from customers. District customers are most interested in the current watering restrictions, the watering schedule, and water conservation rebates. Staff will also be posting a graph that will allow District customers the ability to track the water conservation reduction targets on a month to month basis. The website had been updated and the conservation savings graph has been updated with August 2015's production numbers.
9. Messages On Hold – District staff has updated the messages that customers are hearing while on hold when calling into the District. The messages have been aligned with the current messaging: Limit Outdoor Watering.
10. Custom Send Envelopes – District customers that receive their water bill via U.S. mail from the District will receive an envelope with a custom water conservation message.
11. Restaurant Window Clings – The District offers restaurants a cling they can affix to their windows letting customers know they will only receive water upon request.
12. Presentations to Neighborhood Groups – District staff continues to provide presentations to local Home Owner and Neighborhood Associations regarding drought conditions, state regulations, and District operations. Staff will continue to provide presentations as requests are made.

**UPDATE 9/21/2015:** Staff conducted 1 presentation in August to more than 100 participants.

13. Evening/Late Night Water Waste Patrol – Staff has contracted with two companies, Water Wise Consulting and Paladin Private Security, to conduct water waste patrols. Many customers irrigate during the late evening, night and early morning hours. The District would like to identify deficiencies in a customer's irrigation systems and reach out to them letting them know if an issue exists. Since many people are asleep or inside



their homes during these times, they may not be aware that they have broken sprinklers, are flooding the gutter, etc.

**UPDATE 9/21/2015:** Late night water waste patrol generated 287 service requests for water waste violations in August 2015. Water waste patrol is being conducted on Monday, Tuesday, Thursday, Friday, Saturday and Sunday from 10:00 p.m. to 6:30 a.m.

14. Top User Customer Notification – Staff developed a custom send postcard designed to be sent to the top using customers from all customer classes. Single Family Residential, Multi-Family Residential and Commercial, Industrial and Institutional (CII) customers will be targeted. Figure 10 shows the post card that was developed for the District’s customers that are considered “high use customers” (customers using 40 units and above are considered high users).
15. “Drought Champ” Congratulatory Post Card – Figure 11 shows the congratulatory post card staff has generated for customers that have achieved a cumulative (usage from June, July, and August 2013 compared to usage from June, July, and August 2015) 50% or greater reduction in water use.

**UPDATE 9/21/2015:** Staff will be sending the post card out in September 2015.

16. Social Media – Staff developed a custom message to be distributed to District Facebook users using zip codes from within the District’s boundaries. The District does not maintain an active Facebook page; however, a custom advertising message can be created, purchased and sent to District customers. If a customer clicks on the advertisement, they will be redirected to the District’s website. Figure 12 shows the Social Media advertisement that was published.

**UPDATE 9/21/2015:** Ads were run on Google and Facebook in August.

17. Commercial, Industrial, and Institutional (CII) Outreach – Staff generated a letter that was sent out in June to all CII customers. Two letters were generated and sent out; one for domestic CII customers and another for CII irrigation accounts. Both letters reiterated the District’s current watering restrictions.
18. Customer Lawn Signs – Figure 13 shows the lawn signage that staff developed for customers who have allowed their lawns to go brown and would like to advertise their efforts. The lawn signs have been made available for customers to pick up at the District’s Administration Office. Staff has now made the lawn signs available upon request through the District’s website.
19. Staff will also be soliciting businesses for permission to place lawn signs at 5 major intersections within the District. With the permission of the property owners and the county of Sacramento, signs are targeted for placement on the corners of: Madison Ave.

and Auburn Blvd.; Auburn Blvd and Watt Ave.; Watt Ave. and Elkhorn Blvd.; Cottage Way and Fulton Ave.; Auburn Blvd. and Greenback Ln.; and Madison Ave. and Manzanita Ave. Staff is reviewing the Sacramento County Ordinance and contacting property owners for placing lawn signs.

20. Customer Database – Utilizing the District’s AMR/AMI system, District staff is investigating a program that would allow customers to track their own usage, compare their usage to other District customers, and set water conservation goals for themselves. District Staff and the District’s Utility Billing Software Provider have created the template for the Water Conservation Portal and expect to beta test it in August 2015. Other commercial software packages such as “watersmart” are being investigated.
21. Customer Leak Alert Post Card: Staff has created a post card that will be sent out to customers with accounts (via the District’s AMI system) that have had continuous water use for 72 hours. Figure 14 shows the postcard that has been generated for continuous use alerts.
22. The SWRCB is in the process of launching their online water waste reporting tool. District staff has registered to begin receiving reports and reviewing the data that has been sent from the SWRCB.

**UPDATE 9/21/2015:** The District has received 39 reports of water waste from the SWRCB’s reporting tool. All water waste reports from the SWRCB have been completed.

#### DMM 4 – Education Programs

1. Landscape Workshops - District staff is offering customers the opportunity to participate in a landscape workshop put on by EcoLandscape California. Participating customers will learn about the benefits of River Friendly Landscaping and other water efficient landscape techniques. Landscape Workshops were conducted on June 13<sup>th</sup> and again on July 11<sup>th</sup>.
2. Regional Water School – District staff is working with the RWA members to develop a regional water school program that will consist of classes that customers can participate in to learn about the benefits of water conservation. Conservation topics will range from indoor to outdoor activities. The RWA conducted a Water Class at the District’s Antelope Facility on August 29, 2015.
3. Education Materials – The District offers a variety of educational materials. As part of the RWA, teachers are offered complementary participation in the Water Education Foundation’s Water Education for Teachers Project (Project WET). By participating in Project WET, teachers receive a program guide that outlines courses that focus on the water industry.

DMM 6 – Residential Programs

1. Water-Wise House Calls – District staff and a contracted consultant provide customers with an onsite water use survey intended to identify areas in and around the home where they can save water. Staff is trained to audit irrigation systems and provide customers with irrigation schedules appropriate for a customer's property. These Water-Wise House Calls also serve as the Pre-Qualification Survey customers are obligated to participate in when requesting rebates.
2. Rebate Programs – At the May Regular Board Meeting, the Board approved the funding of a robust rebate program. The District has been offering the following programs to its customers:
  - a. Up to \$1,000 in Cash for Grass rebates.
    - i. To date, 212 applications have been received.
    - ii. Three (3) rebates have been issued. Customers have been encouraged to perform the work in the fall for plant establishment in cooler weather.
  - b. Up to \$300 in Irrigation Efficiency Upgrades.
    - i. To date, 66 applications have been received.
    - ii. Five (5) rebates have been issued.
  - c. Up to \$150 for recirculating hot water pumps
    - i. To date, 26 applications have been received.
    - ii. Six (6) rebates have been issued.
  - d. Up to \$100 for installing a pool cover.
    - i. To date, 30 rebate applications have been received.
    - ii. Twelve (12) rebates have been issued.
  - e. Up to \$100 for installing a Weather Based Irrigation Controller
    - i. To date, 20 rebate applications have been received.
    - ii. Three (3) rebates have been issued.
  - f. Up to \$100 for installing a rain sensor.
    - i. To date, 18 rebate applications have been received.
    - ii. Two (2) rebates have been issued.

**UPDATE 9/21/2015:** Due to the lack of participation in the Weather Based Irrigation Controller Rebate, staff has reallocated \$4,000 from the Weather Based Irrigation Controller Rebates to the Pool Covers (\$2,000) and Hot Water Pumps (\$2,000). There are still enough funds available for those customers that have applied for the Weather Based Irrigation Controller Rebates to receive funding if they complete their project in the allotted timeframe.

3. Indoor Water Efficient Devices – The District has been offering customers complementary indoor water efficient devices for several years. Upon request, customers can receive 1.5 gallon per minute showerheads, 1.0 gallon per minute faucet aerators, and literature that instructs them how to install these devices. To date, the District has

provided 120 indoor retro fits for multi-family customers in disadvantaged parts of the community. Direct installation funding is provided by the Prop 84 grant programs and partially from the CALFed Grant programs. The District has budgeted \$75,000 toward direct installations for disadvantaged communities.

4. Outdoor Water Efficient Devices – The District has also been offering customers complementary outdoor water efficient devices for many years. Upon request, customers can receive hose spray nozzles and hose timers.

#### DMM 7 – Commercial, Industrial, and Institutional Programs

1. Commercial Water-Wise Business Calls – Customers can request a Water-Wise Business Call where District staff will conduct an evaluation of the commercial property and provide the property owner with suggestions regarding water efficient improvements. Suggestions may include, but are not limited to, irrigation system upgrades, installing water efficient indoor devices, and property specific upgrades such as upgrades to conductivity controllers and process water for manufacturing.
2. Indoor Water Efficient Devices – The District offers its Large Landscape Irrigation Customers (CII) customers that utilize kitchen facilities commercial pre-rinse spray valves.

#### DMM 8 – Large Landscape Irrigation Customers

1. The current Modified Stage 3 – Water Crisis states “*Except where non-potable water is used, all CII must cease all turf irrigation. Non-ornamental turf, such as the active playing surfaces of sports fields, may be irrigated provided the overall system water use is reduced by greater than 30%.*” Staff has been meeting with the District’s CII customers to convey the new regulation and solicit feedback regarding the new regulation. Some customers have begun submitting variances to the current Water Crisis Stage. The General Manager has been granted the authority to make exceptions to the Water Crisis Stage enforcement on a case by case basis. Staff has developed a new Large Landscape Customer Alternate Services Agreement that may allow park districts an alternative method of compliance to ceasing all ornamental turf irrigation. In June and July, District staff met with the San Juan Unified School District, Twin Rivers School District, Mission Oaks Parks District, Arden Arcade Recreation and Parks District and Fulton El Camino Parks District to work on an alternate path to compliance agreement. Large irrigation commercial customers are encouraged to submit water reduction and conservation plan to the District if they are requesting a variation to the watering days. The District has awarded San Juan Unified School District, Twin Rivers Unified School District, Roseville Joint Unified High School District, Jesuit High School, Mission Oaks Parks and Recreation District, one (1) customer, and the Ready-Set-Go Children’s Center watering day variances. All awardees have reduced their water use by greater than 30% and will be required to continue to meet that standard to maintain their watering day variance.

**UPDATE 9/21/2015** – The District awarded Woodside Home Owners Association with a watering day variance. Woodside has reduced their water use by 70% in 2015 when compared to 2013.

#### State Grant Update

The Department of Water Resources (DWR) and the California Urban Water Conservation Council (CUWCC) have released information regarding an Outdoor Water Use Workshop Sponsorship program. DWR is offering water utilities up to \$2,000 for sponsoring an Outdoor Water Use Workshop for their customers. District staff applied for and has been accepted for the \$2,000 sponsor grant from DWR. The District paid \$950 each for two Landscape Workshops held on June 13, 2015 and July 11, 2015. DWR will be providing the District with \$2,000 to cover the entire cost of both workshops. Staff has submitted all of the appropriate paperwork to the CUWCC and has received \$2,000 in reimbursement funds.

The DWR will also be offering another round of Proposition 84 Funding. The RWA will be applying on behalf of their member agencies. DWR will be offering grant funding for two (2) projects: Customer Information Services and Leak Detection and Repair. The customer information system funding is being offered to agencies that are using unique, online customer profiles that allow customers to view their most current water use and historical water use. These are intended to be web-based customer portals. District staff is working with its software company to create a Water Conservation Portal that will offer such a service. The Leak Detection and Repair funding will cover costs associated with the District's leak detection program. Grant funding will cover the cost of the leak detection and leak repair activities to the District's distribution system. The RWA has submitted the application and is awaiting award results from DWR. The RWA is not expecting the awarded results until the end of CY2015.

#### **c. Water Conservation Program and Results**

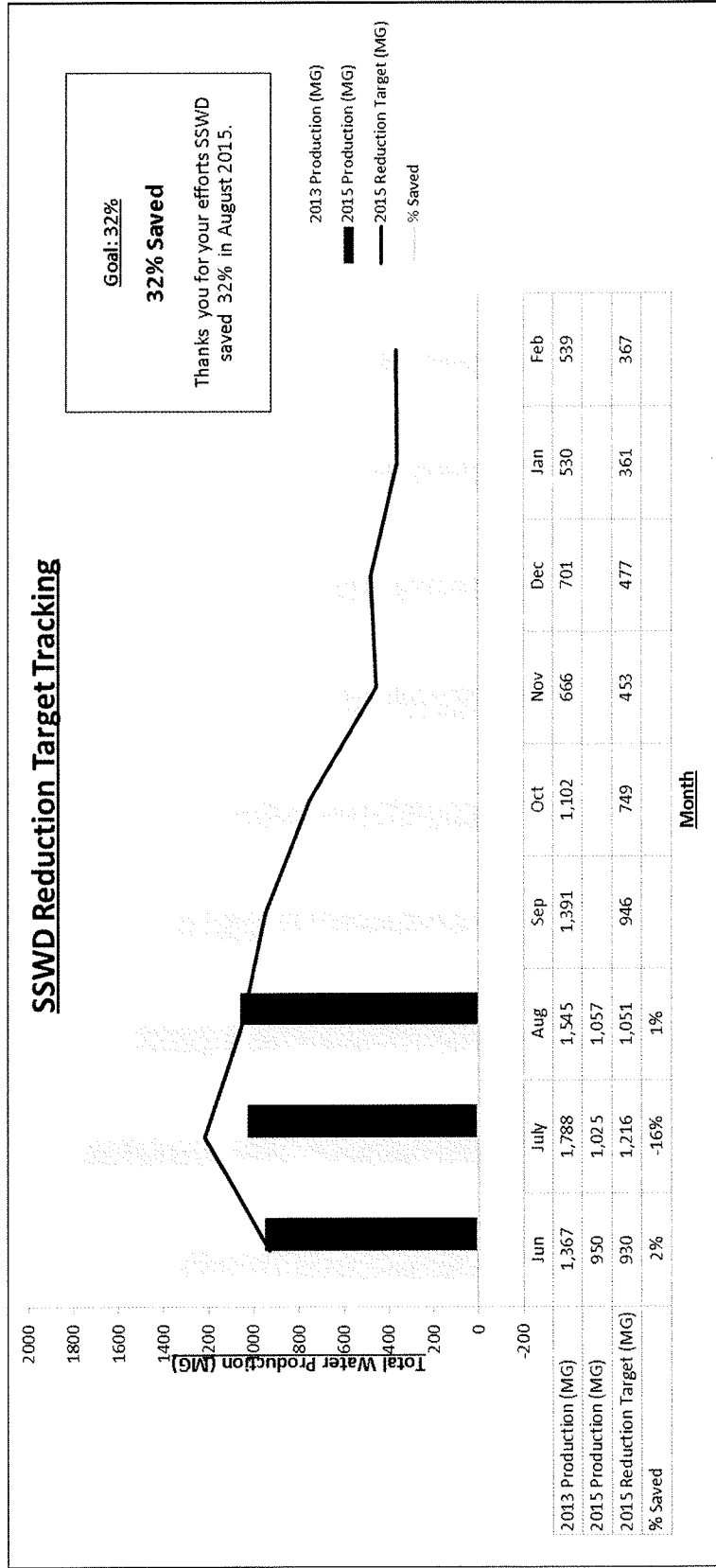
District staff continues to promote water conservation directly to the District customers. To date, District staff and our contract company have performed 137 indoor residential Water-Wise House Calls and 350 outdoor residential Water-Wise House Calls. Staff has received 1,333 notifications of water waste and has issued 2,555 notices of violation for water waste through August 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, 29 Commercial, Industrial and Institutional water use surveys in CY2015 (see Exhibit 6).

#### **d. Upcoming Events**

Carmichael Founders Day – September 26, 2015, Carmichael Park

**EXHIBIT 1**

**Figure 1 SSWD Reduction Target Tracking Graph**



## Exhibit 2

**James Arenz**

---

**From:** Oppenheimer, Eric@Waterboards <Eric.Oppenheimer@waterboards.ca.gov>  
**Sent:** Thursday, August 27, 2015 4:06 PM  
**To:** Oppenheimer, Eric@Waterboards  
**Cc:** Landau, Katheryn@Waterboards; Emmerson, Mark@Waterboards; Bean, Jessica@Waterboards; Gomberg, Max@Waterboards  
**Subject:** Congratulations on Your Water Conservation Achievements

Dear Urban Water Supplier,

Congratulations! We have reviewed the water conservation data you submitted for June through July 2015 and have determined that your agency met or exceeded its required water conservation target. The conservation efforts you and your customers have implemented are working, and your achievement has helped the state to exceed the 25% statewide conservation mandated in Governor Brown's April 1, 2015 Executive Order for the months of June and July 2015.

Please continue your water conservation efforts and ensure the conservation target is met in future months. As you know, the greatest opportunity to conserve water occurs during the warmer summer months, so sustained action now is critical to meet your conservation target over the 270 days the emergency regulation is in effect.

You are receiving this email, because you submitted the conservation reporting data for your agency for the month of July 2015. Please share our congratulations and appreciation with your management team and Board members.

If you have any questions about the requirements of the emergency water conservation regulation, please do not hesitate to contact us.

Thank you again for your ongoing conservation efforts and for making California more resilient in the face of a severe and ongoing drought.

Sincerely,

Eric Oppenheimer  
Director, Office of Research, Planning, and Performance  
(916) 445-5960



## **CALIFORNIA WATER USE DROPS 31.3 PERCENT, EXCEEDS 25 PERCENT MANDATE FOR JULY**

**For Immediate Release  
August 27, 2015**

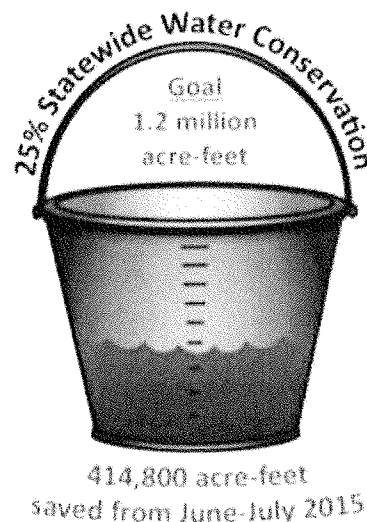
**Contact: George Kostyrko  
gkostyrko@waterboards.ca.gov**

**SACRAMENTO** – Despite continued hot conditions, Californians surpassed June’s conservation rate and reduced water use by 31.3 percent during July, exceeding Governor Edmund G. Brown Jr.’s 25 percent mandate for a second consecutive month since the new emergency conservation regulation took effect.

For June and July, the cumulative statewide savings was 29.5 percent. Saving water in the hot summer months is critical to meeting the State’s overall 25 percent savings goal through February 2016, as the summer is when the greatest amount of water is traditionally used, particularly on outdoor ornamental landscapes. State officials urged residential water users to keep up their efforts to conserve.

“Californians’ response to the severity of the drought this summer is now in high gear and shows that they get that we are in the drought of our lives. This isn’t your mother’s drought or your grandmother’s drought, this is the drought of the century,” said Felicia Marcus, Chair of the State Water Resources Control Board. “Millions of conscientious Californians are the real heroes here — each stepping up to help local water resources last longer in the face of an historic drought with no certain end date.”

July’s water savings moved the State 228,940 acre-feet (74.6 billion gallons) closer to the goal of saving 1.2 million acre-feet by February 2016, as called for by the Governor in his April 1 Executive Order. Cumulative savings for June and July is 414,800 acre-feet, or 35 percent of the savings goal.



Conservation programs put in place during the late spring and early summer months by most of the State’s water suppliers are now in full swing, yielding dramatic reductions in water use





and heightened water use awareness. With dry conditions forecast to continue through November, the focus remains not only on enhancing current efforts but on encouraging suppliers that are behind to make the commitment to conservation and meet or beat their targets.

The emergency water conservation regulation requires urban water suppliers to provide monthly water use reports to the State Water Board. Urban water suppliers are expected to meet, or exceed, their individual conservation standard starting in June and continuing through February 2016. The year 2013 serves as the baseline for determining water savings statewide. The current report is posted here.

## July Highlights

- The percent of water saved by the State's large urban water agency suppliers increased from 27.3 percent in June to 31.3 percent in July, in same-month water use comparisons of 2015 to 2013. A four percentage point increase in conservation is exceptional considering July is historically one of the highest water-consuming months in California.
- The amount of water saved in July 2015 (74.6 billion gallons) is more than four times the amount of water saved in July 2014 (18.0 billion gallons), when the State's voluntary 20 percent conservation goal was in effect.
- Statewide, the average residential water use was 98 gallons per capita per day for July 2015, a similar level of residential water use as reported in June 2015 (98.1 residential gallons per capita per day, or R-GPCD), but significantly lower than residential water use in July 2014 (statewide average R-GPCD of 132.9).
- 290 water suppliers, serving 29.2 million people, met or exceeded their conservation standard in July, up from 265 water suppliers in June. 98 water suppliers exceeded their conservation standard by 10 percent, while 67 water suppliers exceeded their conservation standard by 15 percent or more.

See the how the hydrologic regions did for the month of July here.

## Compliance Statistics

July brought big improvements for the water suppliers that were significantly behind the conservation curve in June. With 402 water supplier reports submitted for July, 290 suppliers (72 percent) met, or were within one percent of, their conservation standard; 59 suppliers (15 percent) were between one and five percent of meeting their conservation standard; and 49 suppliers (12 percent) were between five and 15 percent of meeting their conservation standard.

There were only four suppliers (one percent) in July reporting that they were more than 15 percent away from meeting their conservation standard – a 75 percent drop in the number of suppliers reporting that they were this far away from meeting their standard in June. The July Compliance data can be found [here](#).

All water suppliers that did not meet their June conservation standard were contacted following the release of the June data. Many were required to provide information about their existing conservation programs and the steps they are taking to boost conservation. Conservation Orders are being issued to those water suppliers that are far behind and do not have the programs in place to meet their standard. A fact sheet on compliance can be found [here](#).

### **Local Enforcement and Education Programs Continue Ramping Up**

Water suppliers reported that while their July statistics demonstrate that the number of complaints and warnings may be leveling off, the number of penalties is rising as the local programs mature.

- 38,665 water waste complaints were reported statewide (by 374 suppliers), compared with 45,234 complaints reported in June (by 374 suppliers);
- 37,170 formal warnings were issued for water waste statewide (by 323 suppliers), compared with 36,302 formal warnings in June (by 313 suppliers); and
- 15,845 penalties were issued statewide (by 79 suppliers), compared with 8,876 penalties issued in June (by 54 suppliers).

Warnings and penalties not only draw attention to water wasting activities and undetected leaks, but they also complement local outreach and education programs to reduce water use. Water suppliers have stepped up their communications considerably in the last two months and are extending their education programs to cover other drought-related needs such as irrigation and mulching practices to maintain healthy trees while limiting water for ornamental landscapes.

The July urban water supplier enforcement statistics can be found [here](#).

### **July's Top Performers**

"Historically, water use rises dramatically in the hot summer months, primarily for landscape watering, which on average constitutes 50 percent of urban water use, in some cases far more. This is the time when we can most easily save the most water," said Marcus.

"Fortunately, most water districts and their customers are finally stepping up to show what they can do. It's impressive, and not a moment too soon--and should motivate those who haven't yet met their goals to meet them. We're also ramping up our enforcement efforts for extra motivation."



Dozens of communities reduced water use more than 15 percent beyond their conservation standards in July 2015. The list of stand-out communities includes Mammoth Community Water District (South Lahontan), Valencia Water Company (South Coast) and the City of Livermore (San Francisco Bay Area). These high achievers continue to represent both inland and coastal communities, proving that it can be done wherever you are. Suppliers demonstrating remarkable performance included:

- **Golden State Water Company Simi Valley** – reduced water use by 40 percent in July, bringing R-GPCD to 85 gallons, in line with many other South Coast communities.
- **City of Santa Cruz** - achieved a cumulative 31.5 percent savings for June and July, 22.5 percent over its 8 percent conservation standard. The district has implemented a water school to educate residents on how to reduce water use.
- **City of Santa Rosa** – reduced water use by 43.8 percent in July, 2.5 times greater than the city's 16 percent conservation standard.
- **City of West Sacramento** – achieved a cumulative 34 percent savings for June and July, despite having a significant amount of commercial and industrial use.

### **Background**

In his April 1 [Executive Order](#), Governor Brown mandated a 25 percent water use reduction for cities and towns across California.

In May, the State Water Board adopted an [emergency regulation](#) requiring an immediate 25 percent reduction in overall potable urban water use. The regulation uses a sliding scale for setting conservation standards, so that communities that have already reduced their R-GPCD through past conservation will have lower mandates than those that have not made such gains since the last major drought.

Each month, the State Water Board compares every urban water supplier's water use with their use for the same month in 2013 to determine if they are on track for meeting their conservation standard. Local water agencies determine the most cost effective and locally appropriate way to achieve their standard. The State Water Board will work closely with water suppliers to implement the regulation and improve local efforts that are falling short.

California has been dealing with the effects of an unprecedented drought. To learn about all the actions the state has taken to manage our water system and cope with the impacts of the drought, visit [Drought.CA.Gov](#). Every Californian should take steps to conserve water. Find out how at [SaveOurWater.com](#).

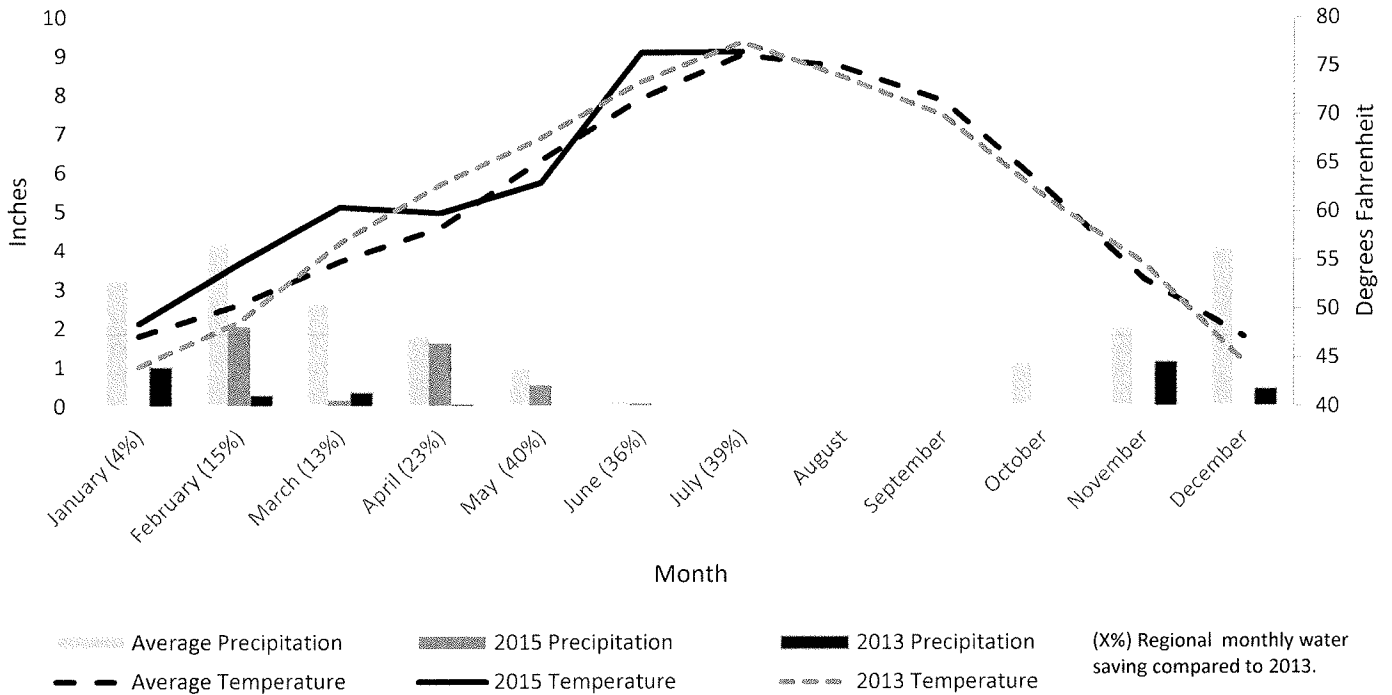
Exhibit 4

## RWA Drought Summary July 2015

<b>REDUCTION BY VOLUME (Million Gallons)</b>													
	Jan	Feb	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	Total
<b>2015</b>	6,714	6,179	8,781	9,282	10,536	12,419	13,789						67,701
<b>2013</b>	6,959	7,228	10,081	12,100	17,433	19,488	22,418						95,707
<b>%</b>	3.5%	14.5%	12.9%	23.3%	39.6%	36.3%	38.5%						<b>29.3%</b>

<b>REDUCTION BY AGENCY (Data compared to 2013)</b>			
<b>Water Agency</b>	<b>Conservation Target</b>	<b>July 2015 Reduction</b>	<b>June-July 2015 Reduction</b>
California American Water	20%	44.9%	41.7%
Carmichael Water District	36%	38.9%	38.5%
Citrus Heights Water District	32%	42.5%	41.9%
City of Davis	28%	31.8%	32.1%
City of Folsom	32%	32.7%	33.5%
City of Lincoln	32%	38.3%	38.6%
City of Roseville	28%	39.2%	39.2%
City of Sacramento	28%	35.0%	34.7%
City of West Sacramento	28%	42.4%	41.3%
City of Woodland	24%	44.8%	41.5%
City of Yuba City	32%	32.8%	32.0%
Del Paso Manor Water District	25%	42.5%	43.2%
El Dorado Irrigation District	28%	33.9%	33.2%
Elk Grove Water District	28%	40.5%	40.5%
Fair Oaks Water District	36%	40.2%	40.3%
Golden State Water Company	36%	39.7%	39.2%
Orange Vale Water Company	36%	42.6%	42.0%
Placer County Water Agency	32%	38.1%	35.4%
Rancho Murieta CSD	25%	33.7%	32.8%
Rio Linda/Elverta CWD	36%	41.8%	38.9%
Sacramento County Water Agency	32%	42.0%	41.7%
<b>Sacramento Suburban WD</b>	<b>32%</b>	<b>42.7%</b>	<b>37.4%</b>
San Juan Water District	36%	41.0%	43.0%
Average	30.5%	39.2%	38.4%
Minimum	20.0%	31.8%	32.0%
Maximum	36.0%	44.9%	43.2%

## Precipitation and Temperature, Average (1998-2014), 2013 and 2015




Water Agency	July 2015 R-GPCD*
California American Water	106
Carmichael Water District	192
Citrus Heights Water District	176
City of Davis	113
City of Folsom	195
City of Lincoln	142
City of Roseville	119
City of Sacramento	136
City of West Sacramento	118
City of Woodland	101
City of Yuba City	147
El Dorado Irrigation District	231
Elk Grove Water District	114
Fair Oaks Water District	227
Golden State Water Company	158
Orange Vale Water Company	269
Placer County Water Agency	183
Rancho Murieta CSD	213
Rio Linda/Elverta CWD	229
Sacramento County Water Agency	127
<b>Sacramento Suburban WD</b>	<b>132</b>
San Juan Water District	402
<b>Regional Average</b>	<b>150</b>

\*R-GPCD: Residential Gallons per Day per Capita

## EXHIBIT 5

Figure 1 – Post Card Delivered on June 1, 2015

Front



Learn more at [sswd.org](http://sswd.org) or by contacting the Water Conservation Team at 916.972.7171 and [conservation@sswd.org](mailto:conservation@sswd.org).

# Fight the Drought

## Make every drop count

- ✓ **Limit landscape watering**  
Most water use occurs outdoors, and that's where you can conserve the most
- ✓ **Check for leaks**  
Quickly fix leaking toilets, plumbing fixtures and sprinklers
- ✓ **Take shorter showers**  
Take a five-minute shower instead of a 10-minute shower
- ✓ **Set up a Water-Wise House Call**  
Our experts will show you ways to conserve

Back



3701 Marconi Avenue, Suite 100  
Sacramento, CA 95821

### NEW SUMMER WATERING SCHEDULE

Outdoor watering is limited to two (2) days a week according to the following schedule:

- Addresses ending in an ODD number (1,3,5,7,9) water on Tuesdays and Saturdays
- Addresses ending in an EVEN number (0,2,4,6,8) water on Sundays and Wednesdays
- Watering is only allowed before noon and after 8:00 p.m. from May – August; and before noon and after 6:00 p.m. September – April

Not Allowed

- Car washing at home without a pressure washing system
- Runoff onto sidewalks and driveways
- Hosing down driveways, sidewalks or buildings for non-health or safety reasons

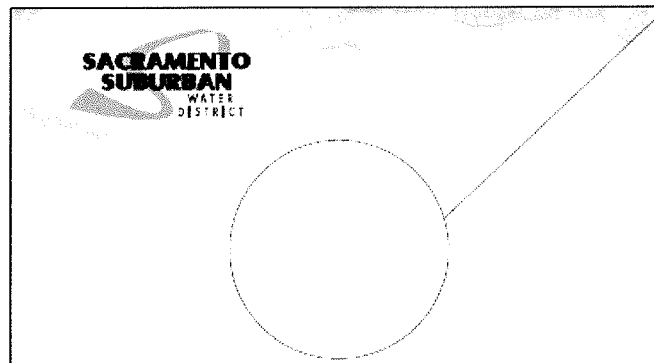
*SSWD is offering new rebates and free services to help you conserve water.*



Presort Standard  
U.S. Postage  
PAID  
Permit 516  
Sacramento CA

**Figure 2 – Door Hanger**

Front



**SACRAMENTO  
SUBURBAN  
WATER  
DISTRICT**








# Fight the Drought

Make every drop count

*California is enduring a fourth year of severe drought.  
We all need to do our part by conserving water  
both inside our homes and outdoors.*

### INDOOR CHECKLIST

Here's a handy list of ways that you can conserve water indoors.














-  ✓ **Take shorter showers**  
Take a five-minute shower instead of a 10-minute shower
-  ✓ **Give it a twist**  
Turn off the water as you brush your teeth, shave or wash your face
-  ✓ **Make it a full load**  
Wash only full loads of clothes and dishes
-  ✓ **No leak is small**  
Fix a leaky toilet or faucet. Leaks account for trillions of gallons of wasted water nationwide each year.
-  ✓ **Buy something new**  
Replace your old toilet and clothes washer with a WaterSense labeled high-efficiency one or install a recirculating hot water pump. 
-  ✓ **Set up a Water-Wise House Call**  
Our experts will help you monitor your water use and show you ways to conserve

[www.sswd.com](http://www.sswd.com)



### OUTDOOR CHECKLIST

Most of the water we use at home goes toward watering our landscape. Reducing outdoor water use is one of the easiest ways to make a big difference.

-  ✓ **Water early in the morning or late at night**  
Run sprinklers in the early morning or late at night to reduce evaporation
-  ✓ **Soak and cycle**  
Break your irrigation cycle into shorter segments to allow the ground to better absorb the water
-  ✓ **Check for leaks**  
Quickly fix leaking and broken sprinkler heads
-  ✓ **Shorten your cycle**  
Reduce your irrigation cycle by two minutes per station
-  ✓ **Lay down some mulch**  
Add two to three inches of mulch around trees and plants to reduce evaporation
-  ✓ **Cover Up**  
A pool cover can reduce evaporation by up to 90 percent 
-  ✓ **Upgrade Your Irrigation**  
Replace older spray nozzles with more efficient rotary sprinklers 
-  ✓ **Tear out the turf**  
Replace your lawn with beautiful low-water use plants 
-  ✓ **Take Control**  
Install a WaterSense Weather-Based Irrigation Controller 

### SUMMER WATERING SCHEDULE

Outdoor watering is permitted two days a week,  
**BEFORE noon or AFTER 8 p.m.**  
according to the following schedule:

- Addresses ending in an **ODD** number **1 3 5 7** or **9**  
water on **Tuesdays and Saturdays**
- Addresses ending in an **EVEN** number **0 2 4 6** or **8**  
water on **Wednesdays and Sundays**



**Figure 3 – Sacramento Bee Front Page Post-It Notices**

June 2015



July 2015



August 2015



**Figure 4 – Bucket Brigade**



## Figure 5 – Media Press Release

### 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

### NEWS RELEASE

May 28, 2015

**Contact:** Rob Roscoe  
General Manager  
Sacramento Suburban Water District  
rroscoe@sswd.org  
(916) 972-7171

## **Sacramento Suburban Water District Sets New Limits on Landscape Watering**

*Unveils new rebate programs to help customers conserve*

SACRAMENTO--The Sacramento Suburban Water District (SSWD) has adopted new outdoor watering restrictions that limit landscape irrigation to two days per week on specific days and times.


The new watering guidelines are designed to further encourage water reductions in light of the severe drought plaguing California and new directives from the Governor and State Water Resources Control Board to reduce water use. Sacramento Suburban Water District is required to reduce its water use by over 30 percent.

Effective immediately, outdoor watering is limited for all District customers to two (2) days per week according to the following schedule:

- Addresses ending in an odd number (1, 3, 5, 7, 9) can water on Tuesday and Saturday
- Addresses ending in an even number (0, 2, 4, 6, 8) and water on Sunday and Wednesday
- Customers are allowed to water on their designated day before noon or after 8 p.m.

--MORE--

Figure 6 – Print Advertisement Sent to Local District Newspapers



**GO FOR THE GOLD**  
And Limit  
Landscape Watering

**SSWD SUMMER WATERING SCHEDULE**  
Outdoor watering is allowed **TWO DAYS** a week:


- ▶ Addresses ending in an **ODD** number **1 3 5 7 9**  
**Tuesdays and Saturdays**
- ▶ Addresses ending in an **EVEN** number **0 2 4 6 8**  
**Wednesdays and Sundays**

**BEFORE noon or AFTER 8 p.m.**  
Help us make every drop count!

**SACRAMENTO SUBURBAN WATER DISTRICT**  
[sswd.org](http://sswd.org)

Figure 7 – Print Advertisement for Local Newspapers

**MAKE EVERY DROP COUNT**



**SACRAMENTO SUBURBAN WATER DISTRICT**  
[sswd.org](http://sswd.org)

**Help us reduce water use by 32%.**

**WHAT DOES A 32% REDUCTION IN WATERING RUN TIME LOOK LIKE?**

Watering Run Time	32% Reduction
10 minutes	7 minutes
8 minutes	5-6 minutes
6 minutes	4 minutes
5 minutes	3-4 minutes

Remember to follow our current **ODD/EVEN** watering schedule.

**ODD** numbered addresses can water **Tuesday and Saturday**

**EVEN** numbered addresses can water on **Wednesday and Sunday**

Water before **NOON** or after **8:00 P.M.** to reduce evaporation

Figure 8 – Marconi Banners (one small and one large)

# FIGHT THE DROUGHT



[sswd.org](http://sswd.org)

**Make every drop count!**

Figure 9 - Truck Magnets (6)

**FIGHT**  
**DROUGHT**

Make every drop count! [sswd.org](http://sswd.org)

**GO FOR THE**  
**GOLD**

Limit Landscape Watering [sswd.org](http://sswd.org)

**FIVE**  
**MINUTES**  
**ONLY**

Shorter showers save water [sswd.org](http://sswd.org)

**ONLY YOU**  
**CAN PREVENT**  
**RUNOFF**

Water in shorter cycles [sswd.org](http://sswd.org)


**MAKE EVERY**  
**DROP**  
**COUNT**

Limit Landscape Watering [sswd.org](http://sswd.org)

**GET A FREE**  
**WATER-WISE**  
**HOUSE CALL**

And learn how you can save [sswd.org](http://sswd.org)

**Figure 10 – High Use Post Card**




**SACRAMENTO  
SUBURBAN  
WATER  
DISTRICT**

## **IMPORTANT DROUGHT MESSAGE**

**Our records indicate that your household was among  
the District's highest water users last month.**

Contact us for a free Water Wise House Call. We can help you  
find ways to use less water during this severe drought.

SSWD Water Conservation Team  
**916.972.7171** or  
[conservation@sswd.org](mailto:conservation@sswd.org)



**SACRAMENTO  
SUBURBAN  
WATER  
DISTRICT**

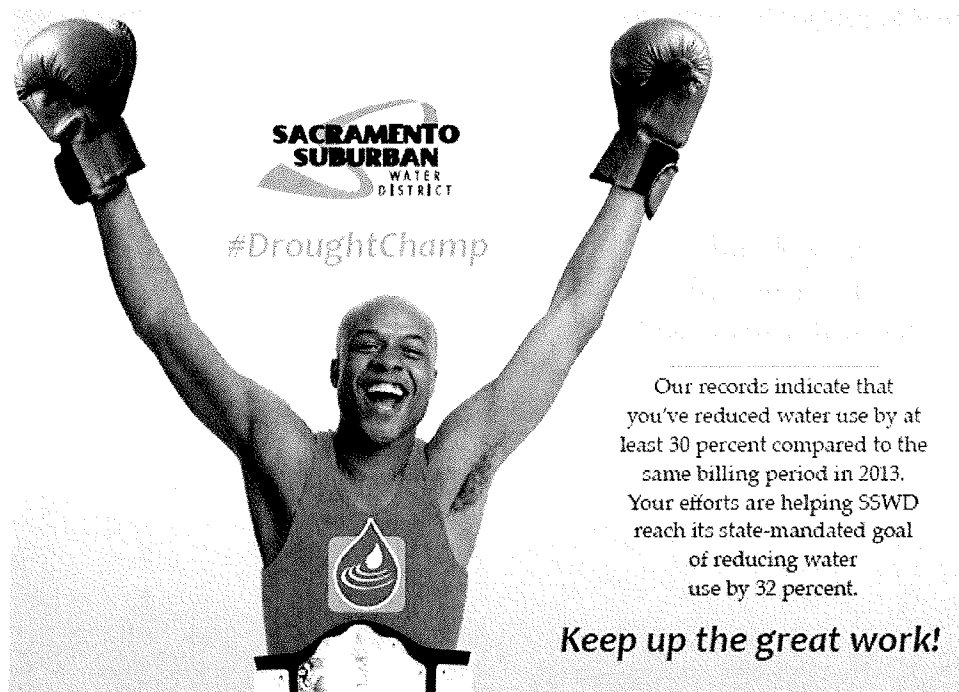
3701 Marconi Avenue, Suite 100  
Sacramento, CA 95821

## **Fight the Drought**

Make every drop count

- Limit landscape watering
- Take shorter showers
- Check for leaks indoors and outside
- Stop runoff – water running from your property into the gutter
- Visit [sswd.org](http://sswd.org) for more water saving tips

**Figure 11 – Congratulatory Post Card for Achieving a Greater Than 50% Reduction in Water Use**



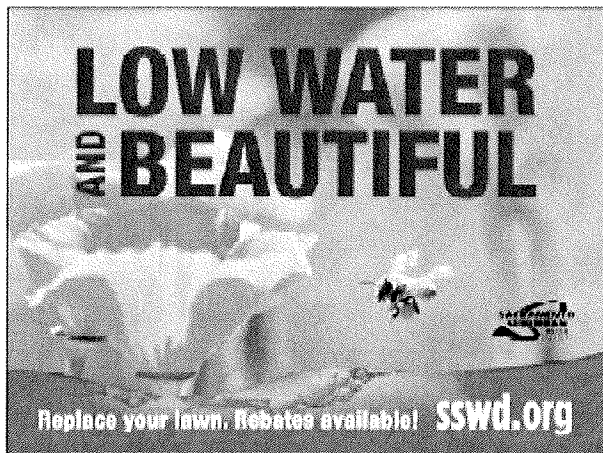
NOTE: Figure 11 was originally going to be sent out to customers who saved 30% or greater. Staff revised the post card to be sent out to anyone who saved 50% or greater.

**Figure 12 – Social Media Advertisement**



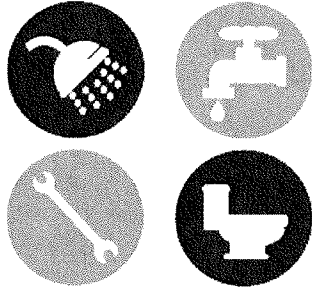


Figure 13 – Lawn Signs for Customers



**Figure 14 – Continuous Use (Leak) Post Card**

# IMPORTANT DROUGHT MESSAGE



You may have a LEAK. A recent review of your water meter shows continuous use of water at all times of the day.

Contact us today to schedule a free Water Wise House Call. We can help you evaluate your water use indoors and outside.

916.972.7171 or [conservation@sswd.org](mailto:conservation@sswd.org)

[sswd.org](http://sswd.org)



## 2015 BMP Activity Report

	<u>Month</u> August	<u>Year</u> 2015
<b><u>Foundational BMPs - No Measurable Water Savings</u></b>		
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		1343
1.4 Retail Conservation Pricing	*	NA
2.1 Public Information	*	NA
2.2 School Education	*	NA
<b><u>Programmatic BMPs - Demonstrated Water Savings</u></b>		
3.1 Residential Audits - Indoors	12	137
3.2 Residential Audits - Outdoors	43	350
3.3 Rebates - HE Clothes Washers	2	77
3.4 Rebates - HE Toilets	*	NA
3.5 Residential New Development Assist.	*	NA
4 CII Audits	1	29
5 Large Landscape Audits	0	13
<b><u>Other Water Savings Measures</u></b>		
Rebates - Cash for Grass	5	6
Rebates - Pool Covers	8	13
Rebates - Hot Water Pumps	6	8
Rebates - WBIC	1	4
Rebates - Rain Sensors	3	3
Irrigation Efficiency	4	4
Rebates - Smart Irr. Controllers (Grant)	0	1
High Bill Investigations	16	136
<b><u>Water Waste Calls and Notifications</u></b>		
Water Waste Calls	76	527
Water Waste via Website	113	806
Notice - Water Waste	178	1014
Please Correct	428	1164
Warning - Water Waste	41	350
1st Violation - Water Waste	7	24
2nd Violation - Water Waste	3	3
3rd Violation - Water waste	0	0

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



## Agenda Item: 12

**Date:** September 11, 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, and Customer Service 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**  
This report quantifies the amount of water discharged to waste for each discharge type. In August 2015, the total volume of water flushed was 0.117 MG or 0.01% of the total water produced for the month.

**vi. Exception Report for August**

On August 25, 2015 a theft occurred at the Walnut Corporation Yard. At 2:34 a.m., staff received an alarm call from Sonitrol, the District's security alarm provider, stating a yard beam alarm had been tripped. Initial review of the security camera footage of the entire Walnut Facility, revealed nothing unusual and staff requested Sonitrol re-arm the beam.

When staff arrived for work later that morning, they discovered the north fence had been cut and a theft had occurred. Based on evidence found, it appears the thieves gained access to the yard via an improvised sling step in the northwest corner of the yard, bypassing the northern and western yard beam alarms. They then exited through a cut in the chain link fence on the north side of the yard at 2:34 a.m. tripping the yard beam alarm on egress, thus alerting Sonitrol.

After a much closer scrutiny of the camera footage, staff concluded that the thieves entered the yard at approximately 1:00 a.m., spent about 90 minutes rummaging through District vehicles looking for items of value and gained access to the tool bins on one District trailer by punching out the locks. Items stolen, included an MQ trash pump, MetroTech line locator, hand tools, ladder, and other items totaling approximately \$11,315.00 in value.

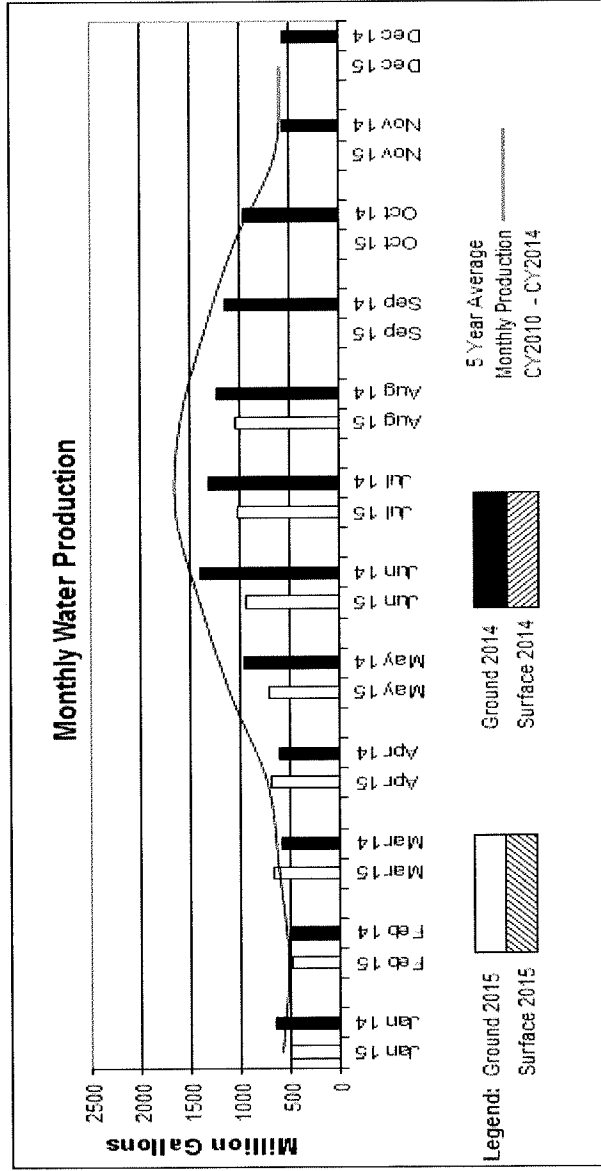
The theft was reported to Sacramento County Sheriff Department and the District's insurance carrier, ACWA JPIA. All items will be replaced, and the actual cost of replacement will be reimbursed by ACWA JPIA.

Staff is currently reviewing options to bolster security on the northern property line as this appears to be the most vulnerable to unlawful access. Options being considered are: additional high resolution cameras, cameras with motion sensor alarm capability for early detection, additional yard beams further from the property line and/or enhanced fencing options on the northern property line.

**Exhibit WO-01**

Mo/Yr	Million Gallons (MG)			Difference
	Surface	Ground	Total	
Jan 15	0.000	511.564	511.564	-155.791
Jan 14	0.000	667.355	667.355	
Feb 15	0.000	500.985	500.985	-4.241
Feb 14	0.000	505.226	505.226	
Mar 15	0.000	692.221	692.221	97.127
Mar 14	0.000	595.094	595.094	
Apr 15	0.000	702.405	702.405	82.242
Apr 14	0.000	620.163	620.163	
May 15	0.000	722.950	722.950	-246.874
May 14	0.000	969.824	969.824	
Jun 15	5.200	944.611	949.811	-463.402
Jun 14	0.000	1,413.213	1,413.213	
Jul 15	0.465	1,042.233	1,042.698	-286.547
Jul 14	0.000	1,329.245	1,329.245	
Aug 15	0.000	1,057.321	1,057.321	-184.040
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	

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	297.861	297.861	0.000	213.703	213.703	511.564	16.502	8.278
Feb	0.000	295.798	295.798	0.000	205.187	205.187	500.985	17.892	8.107
Mar	0.000	400.931	400.931	0.000	291.290	291.290	692.221	22.330	11.201
Apr	0.000	415.762	415.762	0.000	286.643	286.643	702.405	23.414	11.366
May	0.000	412.364	412.364	0.000	310.586	310.586	722.950	23.321	11.698
Jun	5.200	541.292	546.492	0.000	403.319	403.319	949.811	30.639	15.369
July	0.465	584.583	585.048	0.000	457.650	457.650	1,042.698	33.635	16.872
Aug	0.000	593.005	593.005	0.000	464.316	464.316	1,057.321	34.107	17.109
Sep									
Oct									
Nov									
Dec									
MG	5.665	3,541.596	3,547.261	0.000	2,632.694	2,632.694	6,179.955	25.432	
AF	17.385	10,868.759	10,886.144	0.000	8,079.441	8,079.441	18,965.585		



\* North Service Area (North Highlands, Northridge, McClellan Park and The Arbors)  
 \*\* South Service Area (Town and Country)  
 † Surface water used to refill, disinfect and flush the Antelope Transmission Pipeline

**Exhibit WO-2**

***SACRAMENTO SUBURBAN WATER DISTRICT***  
***Water Wheeled To Other Purveyors***  
**2015**

<b>Month</b>	<b>California American Water Company</b>		<b>Citrus Heights Water District</b>		<b>City of Sacramento</b>		<b>County of Sacramento</b>		<b>Rio Linda / Elverta Water District</b>	
	(AF)	(MG)	(AF)	(MG)	(AF)	(MG)	(AF)	(MG)	(AF)	(MG)
January	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
February	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
March	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
April	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
May	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
June	0.000	0.000	0.000	0.000	0.000	0.000	0.003	0.001	0.000	0.000
July	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
August	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Sept.										
October										
Nov.										
Dec.										
<b>YTD</b>	<b>0.000</b>	<b>0.000</b>	<b>0.000</b>	<b>0.000</b>	<b>0.000</b>	<b>0.000</b>	<b>0.003</b>	<b>0.001</b>	<b>0.000</b>	<b>0.000</b>

**Exhibit WO-3**

**Water Operations Activity**

	<u>August 2015</u>	<u>Monthly Average</u>	<u>CY 2015</u>
<b><u>Production Department</u></b>			
<b><u>Service Orders</u></b>			
Preventive Maintenance: Work Orders Completed	898	978	7,826
Corrective Maintenance: Work Orders Completed	14	14	112
<b><u>Water Quality</u></b>			
Complaints	0	0	0
Inquiries	14	13	101
<b><u>Distribution Department</u></b>			
<b><u>Service Orders</u></b>			
Main Leaks	3	7	54
Service Line Leaks	8	11	85
Locate & Expose (L&E)	15	20	160
Determine Responsibility (DR)	67	58	460
Water Main Shutdown			
-- Emergency	3	2	18
-- Scheduled	2	3	24
<b><u>Preventive Maintenance Program</u></b>			
Fire Hydrants Inspected	10	153	1,223
Fire Hydrant Valves Inspected	6	138	1,102
Fire Hydrant Valves Exercised	6	123	981
Mainline Valves Inspected	13	27	213
Mainline Valves Exercised	12	26	211
<b><u>Underground Service Alert</u></b>			
Reviewed	1,653	1,476	11,810
Marked	454	433	3,462
<b><u>After Hours Activity (On-Call Technician)</u></b>			
Calls Received	134	101	809
Calls Responded	67	52	415
Average Call Time Hours	2	2	2
Overtime Hours	105	90	723
<b><u>Field Services Department</u></b>			
<b><u>Meters</u></b>			
Preventive Maintenance - Meters Tested	1	3	24
Preventive Maintenance - Meters Replaced	0	0	3
Preventive Maintenance - Meter Re-Builds	0	5	40
<b><u>Customer Service</u></b>			
Shut Off (non-payment)	179	181	1,448
Restore Service	166	158	1,263
Customer Pressure Inquiries	9	11	88
<b><u>Field Operations Department</u></b>			
Service Requests Generated	2,442	2,161	17,284
Work Orders Generated	1,084	955	7,641



**Exhibit WO-4**

**Date:** September 8, 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**

See Agenda Item 5 for information on a recently filed claim.

**CLAIMS IN LITIGATION**

There are no claims in litigation at this time.

**Exhibit WO-5**

# **General System Discharges by Category**

From 8/1/2015 to 8/31/2015

**Report Group**

**Water Used (MG)**

**Distribution Flushing** (17 detail records)

Sub Total

0.117

**Total Gallons Flushed for all Types of Discharges:**

---

**0.117**

**Total Monthly Production for August 2015 (MG):**

**1057.321**

**Percent of Total Production Discharged to Waste:**

**0.01 %**

## **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 August 2015.
  - 2. Call Volume Report shows number of calls received, abandoned calls, and queue times.
  
- ii. Customer Service Exceptions**

There were no exceptions in the month of August.

**Exhibit CS-1**

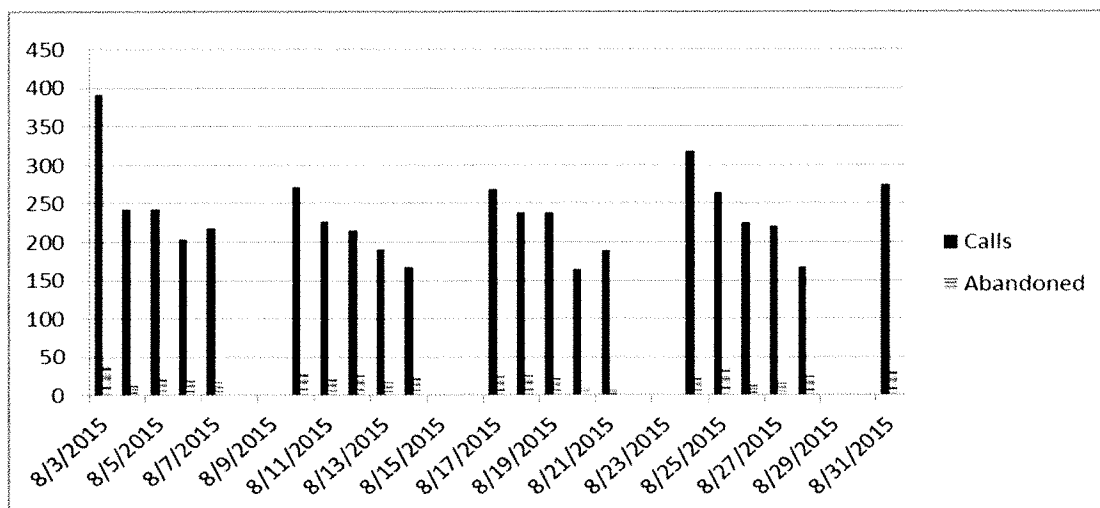
	<b>August 2015</b>	<b>Calendar Year 2015</b>		
<b><u>Customer Service Department</u></b>				
<b><u>Billing</u></b>				
Water Connections - Total Active	46,265	n/a		
Active Flat w/o Meter	10,105	n/a		
Active Flat w/Meters	3,147	n/a		
Active Meter Non-Residential	6,493	n/a		
Active Meter Residential	26,520	n/a		
Water Connections - Suspended/Disconnected	535	n/a		
Owner/Tenant Billing Agreement	1,215	n/a		
E-billing	2,362	n/a		
Water Statements Mailed	39,729	278,456		
Monthly Calls	4,941	31,173		
Customer Changes	238	1,643		
<b><u>Collections</u></b>				
15-Day Notices	1,329	10,138		
48-hour Door Tags Generated	658	4,593		
Lock-off Door Tags Generated	191	1,350		
Bankruptcy Processed	15	168		
<b><u>Payments</u></b>				
		<b>% of Total</b>	<b>Count</b>	<b>% of Total</b>
Cash/Check Payments (Front Office)	1,209	3.2%	10,234	3.8%
Credit Card Payments (Front Office)	671	1.8%	4,779	1.8%
SSWD Customer Web Payments	3,520	9.4%	24,405	9.0%
Direct Payment Service (Auto Payment-Checking)	4,908	13.1%	34,311	12.6%
Direct Payment Service (Auto Payment-Credit Card)	1,697	4.5%	10,119	3.7%
IVR (Automated Phone System)	1,280	3.4%	8,398	3.1%
Electronic Payments (Online Banking Payment)*	11,451	30.5%	82,807	30.5%
LockBox (Checks)	12,843	34.2%	96,477	35.5%
<b>Total Payments</b>	<b>37,579</b>	100.0%	<b>271,530</b>	100.0%

## Exhibit CS-2

Date Ranges : 08/01/2015 - 08/30/2015

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

Date	Calls Accepted	Calls Abandoned	% of Calls Abandoned	Average Wait On Queue	Max Wait on Queue	Average Call Time
8/3/2015	392	40	10.20%	0:01:53	0:11:31	0:02:33
8/4/2015	242	14	5.79%	0:01:51	0:07:30	0:03:03
8/5/2015	243	23	9.47%	0:01:57	0:14:43	0:02:52
8/6/2015	204	21	10.29%	0:01:48	0:10:18	0:02:59
8/7/2015	218	19	8.72%	0:01:20	0:07:53	0:02:38
8/10/2015	271	30	11.07%	0:01:46	0:10:29	0:02:35
8/11/2015	227	23	10.13%	0:01:17	0:05:57	0:02:26
8/12/2015	215	28	13.02%	0:00:58	0:04:58	0:02:58
8/13/2015	190	18	9.47%	0:01:31	0:10:07	0:02:51
8/14/2015	167	25	14.97%	0:01:46	0:11:47	0:03:18
8/17/2015	269	27	10.04%	0:02:09	0:09:52	0:03:10
8/18/2015	238	29	12.18%	0:02:07	0:09:26	0:02:38
8/19/2015	239	24	10.04%	0:01:27	0:07:14	0:02:35
8/20/2015	164	10	6.10%	0:01:36	0:06:38	0:02:39
8/21/2015	189	8	4.23%	0:01:38	0:10:55	0:02:24
8/24/2015	318	24	7.55%	0:01:36	0:08:26	0:02:59
8/25/2015	265	36	13.58%	0:02:02	0:09:47	0:02:57
8/26/2015	226	14	6.19%	0:01:24	0:07:43	0:02:41
8/27/2015	221	17	7.69%	0:01:49	0:06:54	0:02:47
8/28/2015	168	27	16.07%	0:01:56	0:13:25	0:03:50
8/31/2015	275	33	12.00%	0:01:58	0:15:51	0:02:42
<b>GroupTotal</b>	<b>4941</b>	<b>490</b>	<b>9.92%</b>	<b>0:01:46</b>	<b>0:15:51</b>	<b>0:02:49</b>



## **c. Community Outreach Report**

### **i. October Bill Insert**

The October bill insert will begin on September 28, 2015 and continue until October 22, 2015. The bill insert includes the following articles:

- Dial Back Your Watering This Fall
- Fall Watering Hours
- Lawn Alternatives
- SSWD Drought Champ Profile
- Shower Like a Drought Champ
- Water Myth Busted

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

### **ii. October Envelope Message**

The October envelope challenges customer to take shorter showers to save water. The envelope will begin on September 28, 2015 and continue until October 22, 2015.

### **iii. Special Drought Edition of Fall Newsletter**

The special drought edition newsletter was mailed on August 17, 2015. The newsletter includes the following articles:

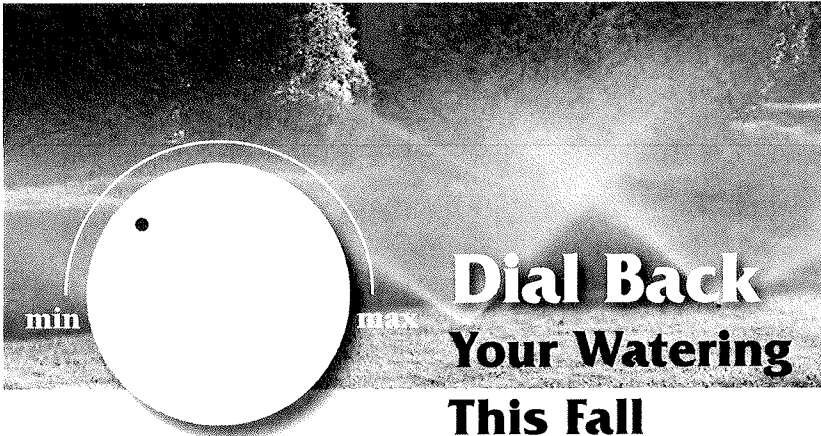
- Terminating Your Turf
- Caring for Your Trees During the Drought
- SSWD Drought Champs
- Top Ways to Conserve Inside Your Home
- Watering Days Reminder
- SSWD's Efforts During the Drought
- 2014 AWQR/CCR Available OnLine
- Upcoming Events

The newsletter has been posted to the District website. A sample of the newsletter has been included with this report.

**iv. Community Meetings/Events**

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

<u>Date</u>	<u>Meeting</u>	<u>Staff</u>
08/03/15	Water Issues Meeting @ Cal Chamber office	Rob Roscoe
08/05/15	American River BDCP/Cal Water Fix mtg	Rob Roscoe
08/07/15	Cal. Water Fix - Reclamation Meeting	Rob Roscoe
08/12/15	Water Caucus meeting	Rob Roscoe
08/13/15	Sacramento Groundwater Authority	Rob Roscoe
08/13/15	Safe Drinking Water Town Hall Meeting	Dan York
08/19/15	RWA Lobbyist Subscription Program Committee	Rob Roscoe
08/19/15	Sacramento River Water Reliability Study	Dan York
08/19/15	Community Coffee Meeting – Susan Peters	Dan York
08/19/15	Carmichael-Old Foothill Farms Cmty Planning Advisory Cncl	David Espinoza
08/20/15	SAWWA mtg	Rob Roscoe
08/21/15	ACWA SGMA Implementation Policy Group	Rob Roscoe
08/21/15	Congressman Bera – Drought Workshop	Dan York
08/24/15	ACWA R4 Board Meeting	Rob Roscoe
08/25/15	City of Sacramento Utilities Meeting	Dan York
08/26/15	RWA executive committee mtg	Rob Roscoe
08/26/15	SJWD Board Meeting Drought Workshop	Dan York
08/27/15	Groundwater Sustainability Plan Draft Reg Info meeting	Rob Roscoe
08/27/15	McClellan Restoration Advisory Board (RAB) Meeting	Dave Jones
08/28/15	CUWCC Kitchen Cabinet Meeting	Rob Roscoe



## Dial Back Your Watering This Fall

Fall is here, which means shorter days, cooler weather, football games, and some relief from the hot days of summer.

Shorter daylight hours, lower temperatures and moisture from fog and rain all combine to reduce the water demands of your lawn, trees, shrubs and plants. Little, if any, irrigation is needed during the fall and winter months

So dial back your sprinklers, reduce your watering time and help SSWD meet its goal for a 32 percent reduction in water use. 💧

### Fall Watering Hours

- ▶ Addresses ending in an odd number (1, 3, 5, 7, 9) can water on Tuesday and Saturday.
- ▶ Addresses ending in an even number (0, 2, 4, 6, 8) and water on Sunday and Wednesday.
- ▶ Customers are allowed to water on their designated day before noon or after 6 p.m. to reduce evaporation.
- ▶ Remember, landscape watering is not allowed during or within 48 hours of a rainstorm. 💧

Water before 12 noon or after 6 p.m.	
Sun	Even Address
Mon	NO Watering
Tues	Odd Address
Wed	Even Address
Thu	NO Watering
Fri	NO Watering
Sat	Odd Address

### Lawn Alternatives

Are you looking for ways to replace your lawn this fall and still have a beautiful, low-water use yard that will be the envy of your neighbors? Here are some ideas to consider:

#### Meadows

Choose a grass like UC Verde buffalo grass; creeping red, California or chewings fescue; or tufted hair grass. They require much less water than traditional grasses and if let to grow long can give your yard a lovely, flowing look. You can also mix in native wild flowers to attract birds and beneficial insects.

#### Ornamental Grasses

Consider planting clumping, ornamental grasses that have low-water needs, like California Blue Fescue, Needle Grass or Berkley Sedge. These grasses are available as seeds or as plugs.

#### Herbal Yard

Instead of grasses, plant low-water use herbs such as rosemary, lavender, thyme or sages. You'll have a picturesque yard and herbs to use in the kitchen.

#### Ground Covers

Another alternative is to plant fast growing ground cover like Ceanothus, Salvia, Lantana or African Daisy. They'll reduce your water-use and add color to your yard.

*Lawn Alternatives continued*





## SSWD Drought Champ Profile

### Teichert Foundation Reduces Water Use by 61 Percent

The Teichert Foundation made some very impressive improvements and undertook some sacrifices to reduce their water use at their facility in Sacramento.

The Teichert Foundation, the grant-giving arm of the long-standing Teichert construction company, reduced their water use an incredible 61 percent in June (compared to June 2013).

The foundation prioritized their outdoor water needs and allowed portions of their grass to go golden while bringing in arborists and other professionals to help guide them in saving the most important part of their landscape, such as their trees.

Are you a Drought Champ? Share your water-saving story at #DroughtChamp. 🌱

### Shower Like a Drought Champ

Showering is one the main ways we use water inside our homes and accounts for over 16 percent of water usage. Here are some ways to reduce that amount.

1. Make sure you have a low-flow showerhead. A WaterSense-labeled showerhead uses no more than 2 gallons per minute and works as well or better than a conventional showerhead.
2. Set up a bucket in your shower to collect the water as it heats and use the water later on your potted plants, for cleaning or to fill the toilet tank for flushing. *SSWD has shower buckets available.*
3. Set your shower timer for five minutes or less, and then challenge yourself to take a shorter shower each following week.
4. Wash away\*

\*Extra credit if you turn off the water while applying shampoo and soap. 🌱

### Water Myths Busted!

**MYTH OR FACT: The best time to water your lawn is in the early morning.**

**FACT:** Thirty percent of outdoor watering is lost to evaporation or run off. Watering early conserves water by allowing it to soak into the soil before evaporation. And remember your plants need even less or no water during the fall and winter months. 🌱

Lawn Alternatives continued

### Hardscape

Transform your landscape with stones, concrete pavers, slate or decomposed granite. You can use the hardscape to create a new outdoor living space. Consider using permeable material, so that when the rain falls it will be absorbed into the soil.

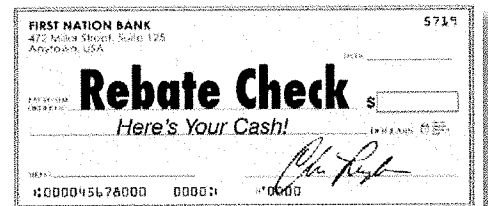
A list of low-water use plants is available online at [sswd.org](http://sswd.org). 🌱

### Rebates Still Available

SSWD still has rebates available to help our customers reduce water use, including:

- Turf Replacement (“Cash for Grass”)
- Irrigation Efficiency Upgrades
- Pool Covers
- Rain Sensors
- Recirculating Hot Water Pumps
- WaterSense-labeled Weather-Based Irrigation Controllers

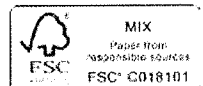
Complete rebate details and applications, are available at [sswd.org](http://sswd.org). 🌱



### Show Your Care During the Drought

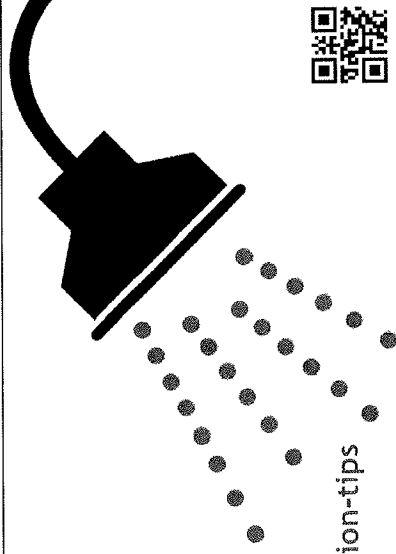
Stop by the SSWD office to pick up one of our beautiful, eye-catching yard signs and show you're helping to fight the drought.

And while you're there, make sure to grab a shower bucket, low-flow showerhead, faucet aerator, shower cling, shower timer, and rebate applications. 🌱



**H<sub>2</sub>O Saving Tip**

**Taking shorter showers  
is an easy, cost-free way  
to save water**



For more water savings tips visit [sswd.org/conservation-tips](http://sswd.org/conservation-tips)



# Water Matters



## SPECIAL DROUGHT EDITION

### Terminating Your Turf | Rebates Available

One of the biggest ways you can reduce your outdoor water use is by removing your lawn and replacing it with a drought-tolerant native landscape. SSWD even has rebates available to help with the cost.

There are some important steps to follow to ensure that you have a successful transition to a new water-friendly landscape.

#### 1) Identify the type of grass

- **Cool season grasses:** Fescue, Marathon, Bluegrass, and other grass blends that stay green in the winter.
- **Warm season grasses:** Bermuda, St Augustine, Zoysia, or any rhizomatous grass (Grass that grows horizontally under or along the ground by sending out roots and shoots) that are brown in winter.

#### 2) Determine your removal method

##### Cool season grasses

- **Cover with mulch or paper:** Lay down several layers of mulch or old newspaper. It will take a couple of months for the grass to completely die.
- **Sod-cutting machine or hoe:** A sod-cutter slices under the grass, allowing you to pull up strips of old turf and is best for larger lawns.
- **Rototill:** A rototiller will break up the grass and churn up the soil, and allow for the easy addition of compost or amendments to your yard.

### Caring for Your Trees During the Drought

Trees offer many benefits to people and wildlife, are expensive to replace, and are an investment one generation makes for the next. Your lawn can turn golden and eventually recover, but trees can be lost forever.

Here are some simple steps to follow to protect them:

- \* Aerate the soil so that air and water can more easily get to the roots.
- \* Remove weeds from around the base of the tree that steal moisture.
- \* Deep water your trees every three to four weeks. Set up a drip irrigation system or soaker to water your trees in the most efficient manner.

*Caring for Your Trees | page 2*

## Rebates Still Available

SSWD has rebates available for our customers to help them conserve water and save money at the same time. Call the office today to find out the many ways you can save.



## SSWD Drought Champs

SSWD customers are the best in the world and have been doing their utmost to reduce their water use. They've been:

- ➔ Collecting water in buckets as it heats up to use for watering potted plants.
- ➔ Letting the grass grow longer so that it shades the soil and reduces evaporation.
- ➔ Shortening their irrigation cycles and making sure the sprinklers water the yard and not the driveway or sidewalk.

Visit [sswd.org](http://sswd.org) to find out more ways you too can be a Drought Champ and share your story on Facebook with the hashtag #DroughtChamp.

*Caring for Your Trees from page 1*

- \* Water the root zone under tree canopy and about a foot beyond the drip line (the soil just outside the edge of the leaf canopy).
- \* Add a couple layers of mulch around the tree to control the soil temperature, reduce evaporation and add nutrients to the soil.

2

## Top Ways to Conserve Inside Your Home

We've put together a handy checklist of ways you can conserve water doing your daily indoor activities.

### Indoor Checklist

- ✓ Take shorter showers
  - Take a five-minute shower instead of a 10-minute shower
- ✓ Give it a twist
  - Turn off the water as you brush your teeth, shave or wash your face
- ✓ Make it a full load
  - Wash only full loads of clothes and dishes
- ✓ No leak is small
  - Fix a leaky toilet or faucet. Leaks account for trillions of gallons of wasted water nationwide each year
- ✓ Buy something new
  - Replace your old toilet and clothes washer with a WaterSense labeled high-efficiency one or install a recirculating hot water pump. **Rebates available for clothes washer**
- ✓ Set up a free Water Wise House Call
  - Our experts will help you monitor your water use and show you ways to conserve

*Terminating Your Turf from page 1*

### Warm season grasses

- Hand removal by digging out roots.
- Solarization: Cover your lawn with plastic sheets weighted down with bricks or rocks. Make sure to leave the plastic down for at least six weeks to make sure the grass is completely killed.
- Herbicide: It's important to allow your grass to grow before applying the herbicide. The greater surface area of the grass the better absorption of the herbicide. Also, make sure your lawn is not brown and dormant. The herbicide works best when your lawn is actively growing.
- Do not rototill warm season grasses, as this will just spread the grasses' roots and allow it to return.
- Remember to give yourself plenty of time to properly remove your old lawn or you could face years of pulling it out by hand.

Water before 12 noon or after 6 p.m.	
Sun	Even Address
Mon	NO Watering
Tues	Odd Address
Wed	Even Address
Thu	NO Watering
Fri	NO Watering
Sat	Odd Address

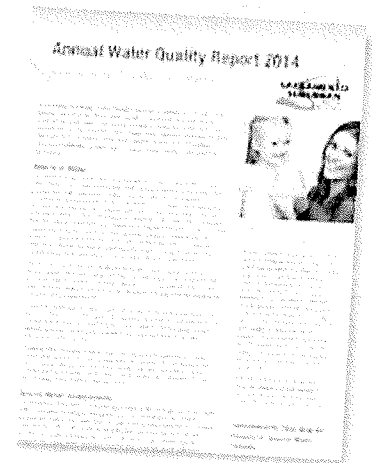
## Watering Days Reminder

Starting in September, outdoor watering will be allowed two days a week, before noon or after 6 p.m., according to the following schedule:

- Addresses ending in an ODD number (1,3,5,7,9) water on Tuesdays and Saturdays
- Addresses ending in an EVEN number (0,2,4,6,8) water on Sunday and Wednesday

### Not Allowed

- Car washing at home without a pressure washer
- Runoff onto sidewalks and driveways
- Running your sprinklers during or 48 hours after rainfall
- Hosing down driveways or sidewalks for non-health or safety reasons



## 2014 AWQR/CCR Available Online

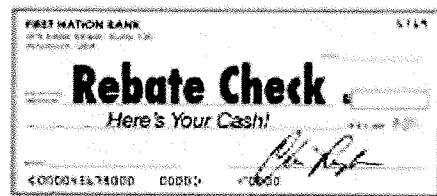
The 2014 Annual Water Quality Report/Consumer Confidence Report (AWQR/CCR) is available for viewing online. The AWQR/CCR is an annual publication that contains detailed information about the drinking water SSWD provides to our customers.

To view the report online visit [sswd.org/2014ccr](http://sswd.org/2014ccr).

## SSWD's Efforts During the Drought

In response to California's historic drought, SSWD stepped up its efforts and resources to use water more efficiently, including:

- › Expanding rebate programs to help you conserve water inside the home and outdoors, including rebates for turf removal, sprinkler system upgrades, Water-Sense labeled water-efficient appliances, and pool covers.
- › Reducing water use and removing over 5,500 square feet of grass on district property.
- › Notifying customers about possible leaks at their residences and steps they can take to find and fix leaks.



Our most important resource during this time has been you. Our customers have responded to calls to conserve and greatly reduced their overall water use this spring and summer.

We need you to keep up the great work and keep conserving through the fall. Learn more tips for conserving water during fall and winter at [sswd.org](http://sswd.org).

## SSWD Board of Directors

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Neil W. Schild, Division 2

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## Contact SSWD

Monday - Friday, 8:00 am - 4:30 pm  
916.972.7171 Fax 916.972.7639  
[sswd.org](http://sswd.org) [feedback@sswd.org](mailto:feedback@sswd.org)

## Upcoming Events

Come visit the SSWD booth this fall at two historic events:

Carmichael Founders Day will take place at Carmichael Park on Saturday, September 26 from 8 a.m. to 3 p.m. Come out and enjoy classic cars, live music, delicious food and fun Founders Day activities.

North Highlands Jubilee is on Saturday, October 10 from 11 a.m. to 3 p.m. at Freedom Park next to the Aerospace Museum of California. It will be a fun day for the whole family featuring a wide variety of activities, including live music, food trucks, local vendors, games, and special performances.



sswd.org



**Inside...**  
 Terminating Your Turf  
 Rebates Available  
 Caring for Your Trees  
 During the Drought  
 SSWD Drought Champs  
 Top Ways to Conserve  
 Inside Your Home  
 Watering Days Reminder



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## Agenda Item: 13

**Date:** September 8, 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, County and City Projects/Coordination, McClellan Business Park, Groundwater Quality Projects, Developer Projects and Other.

### a. Major Capital Improvement Projects

#### i. Production

##### **Rutland Well (#N39) Pumping Plant Design and Construction**

This project was placed out to bid on July 31<sup>st</sup>. A mandatory pre-bid meeting was held on August 12th. A total of 17 general contractors attended the pre-bid meeting. These are the only general contractors that will be allowed to bid on the project. The bid opening was scheduled for 2:00 pm on September 1<sup>st</sup>, but the bid date has now been extended to September 10th. Three separate addendums have been issued to date. One addendum simply changed the bid date. The other two addendums included modifications to the plans and specifications for the project. The engineer's estimate of probable construction cost is \$2.4 million. An updated project schedule has also been prepared that shows construction of the pumping plant to be substantially complete, and the pumping plant and well both operable, by mid-June 2016.

##### **Various Well Investigation and/or Rehabilitation Projects**

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

- Well #45, Jamestown/Middleberry – Rehabilitation activities are continuing at this site by Hedman Drilling, including bailing well fill and scratching the bottom 90 feet of the well. They initially bailed a barrel or more of sand and other debris from the well bottom and scratched the 14-inch well with a 14-½-inch “scratcher.” A second video survey of the well was performed, and additional rehabilitation work was performed. Engineering staff is now working on the design for the new pump and discharge piping configuration. New disinfection equipment will also be installed at this site in addition to a new sand separator and sand pit.

- Well #N6, Palm – Performance Piping has completed the storm drain improvements at this site.

### **Hydraulic Improvements at Elevated Tanks 216, 769 and Capehart**

Hydraulic improvements including the installation of booster pumps have been installed at each of the three sites and SCADA improvements and upgrades are currently being finalized.

### **Verner Well Manganese Treatment Design Services Project**

In July, a Request for Qualifications (RFQ) was issued to several qualified engineering consulting firms to provide manganese treatment plant design services for the Verner Well (#N36). Four Statement of Qualifications (SOQs) were received for this project from Affinity Engineering; Hydrosience Engineers; KSN, Inc.; and Luhdorff & Scalmanini Consulting Engineers (LSCE). A selection team made up of Associate Engineer, Dave Jones; Assistant Engineer, Nicole Weideman; and Water Production Superintendent, Doug Cater, separately reviewed and ranked the proposals based on the selection criteria outlined in the RFP. The selection committee was unanimous in recommending the selection of LSCE for this project. The committee's recommendation was approved by General Manager Rob Roscoe. A scoping meeting was held with LSCE on September 3, 2015. A final scope of work and fee estimate is now being prepared by LSCE and the District will be entering into a contract with them. The first phase of the project will include an evaluation of potential alternatives before they proceed into pre-and final design.

## **ii. Distribution**

### **Easements Needed from Fulton-El Camino Recreation and Park District (FECRPD)**

District staff is still working with management staff from FECRPD regarding the possible acquisition of three separate pipeline easements. Acquisition of the necessary easements is anticipated to be completed before the end of the calendar year.

### **Santa Anita - Phase 2 Main Replacement Project**

The project is completed. A Notice of Completion has been filed with the County Clerk/Recorder's Office for the main line installation portion of the work as constructed by Veerkamp. The District continues to finalize a pavement partnership agreement with the County of Sacramento.

### **Fair Oaks Estates Main Replacement Project**

Veerkamp General Engineering has completed pipeline construction work at night on Fair Oaks Blvd. Their crews have now begun working days on all minor streets within the project area. GM Construction has begun work on the service lines to the homes in the area. The entire project is expected to take two to three months to complete and cost approximately \$2.2 million.



### **Barcelona Main Replacement Project**

This is a substitute main replacement project approved by the Board in August. The project area is bounded by Bell Street, El Camino Avenue, Howe Avenue and Howe Avenue Park. Approximately 6,000 feet of new water main and 101 metered services will be installed over the next three months, depending on weather conditions. The public relations component of the project is under way with individual customer interviews relating to the project progressing daily.

### **Conveyance Pipeline – 48” MOV Replacement at Navion Drive**

The project is complete. There will be no further reporting on this project.

### **Conveyance Pipeline – Verner PRV and ARV Upgrades**

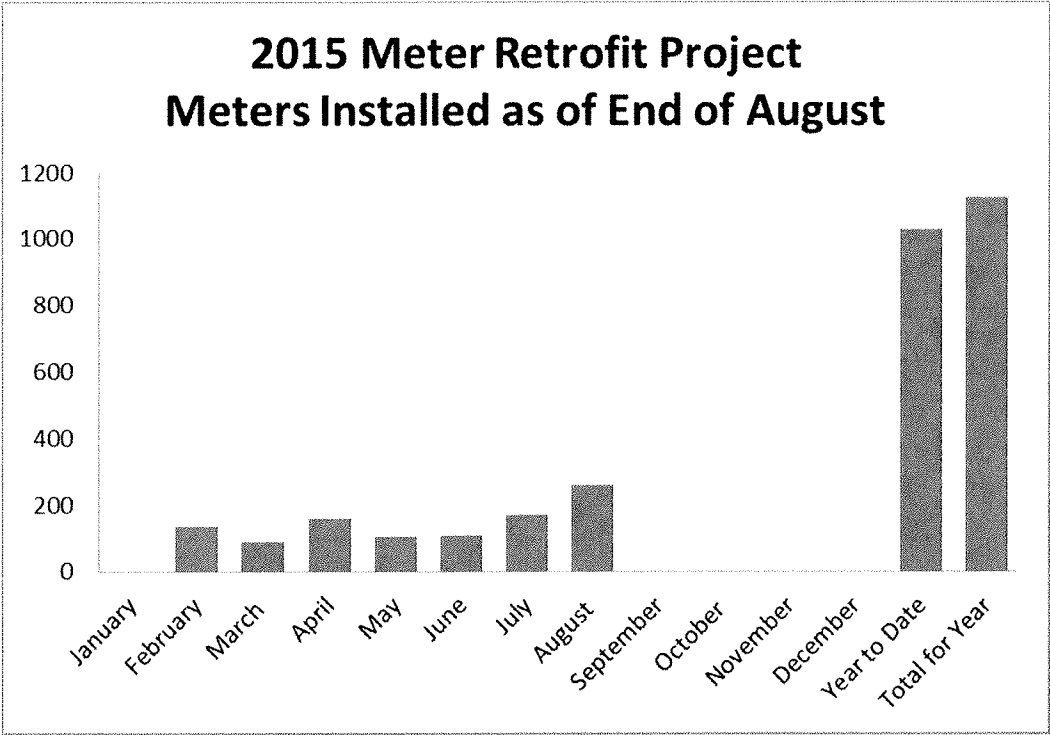
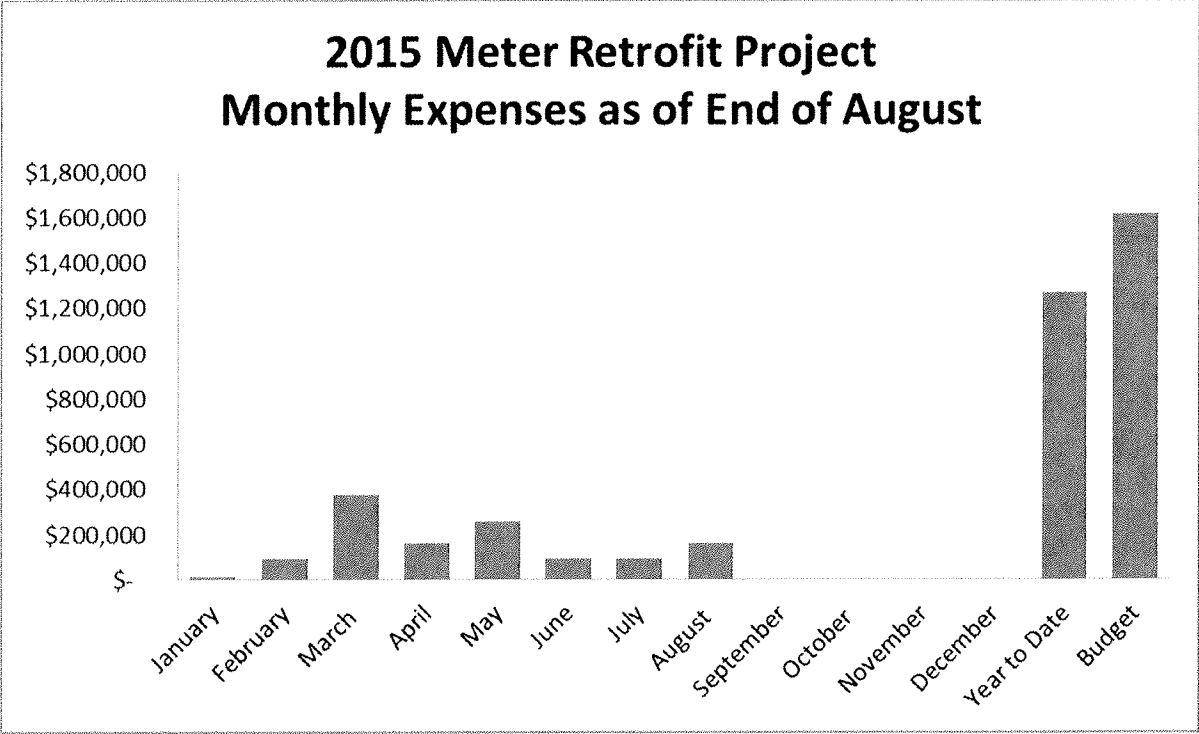
Veerkamp Construction was the low bidder on this project and they have installed new isolation valves at the Verner PRV station. This update included the installation of two new “easy open” access manways to allow District staff safer access into the PRV vault. Additionally, Performance Piping was the low bid for the ARV replacement, and is currently acquiring a City of Citrus Heights encroachment permit to complete the work. Performance is planning on starting work in mid-September.

### **Watt Avenue at Magpie Creek Mainline Connection Project**

After the District’s 12-inch PVC blowout last year alongside Magpie Creek, staff has completed a design to re-connect dead end mains in Watt Avenue. This work will include crossing Watt Avenue with a jack and bore casing and 16-inch ductile iron carrier pipe. The job walk for this project is occurring on September 8<sup>th</sup> and a bid opening is currently scheduled for September 21<sup>st</sup>.

### **2015 Meter Retrofit Project**

The District’s contractor, Flowline Construction, is close to completing the 2015 project. Construction work began in February 2015. As of the end of August, 1,028 services have been retrofitted with meters and a total of \$1,269,933 has been spent on the project. See the figures below which show expenditures to date on this year’s project as well as the number of meters installed to date.



**i. Other Projects**

**Antelope Pump Back Project**

Construction work continues to progress with W.M. Lyles Co. as the general contractor. Work during the past month includes the erection of the steel building, placement of the pumps and motors, installation of the process control and electrical equipment, installation of the HVAC systems, installation of the flowmeters, and miscellaneous site work. Startup and testing of the pump station is currently scheduled for the week of September 18, 2015.

**b. County and City Projects/Coordination**

**County of Sacramento – Fulton Avenue Overlay Project**

The County will be overlaying Fulton Avenue from the Alta Arden Expressway to Auburn Blvd. The first phase of this project will overlay Fulton Avenue from Marconi Avenue to Auburn Blvd. sometime in the next few months. The second phase of the overlay from Alta Arden to Marconi will be completed next year. The District has 53 water valve boxes within both project areas which will need to be raised after the new pavement is installed on the roadway. The District has hired Tetra Tech to lower 13 valve boxes prior to the County's grinding operations and will eventually raise the 53 valve boxes after the new pavement is installed. The County's contractor will begin construction on September 8, 2015. Tetra Tech will coordinate their efforts with the County's contractor.

**c. McClellan Business Park**

**Update on CAL-Fire Operations at McClellan Business Park**

The California Department of Forestry and Fire Protection (CAL-Fire) had a new water service installed at McClellan Business Park (MBP). CAL-Fire hired Tetra Tech Inc. to install the service in early August. Since the installation, CAL-Fire and District staff have met to find ways to optimize CAL-Fire's operations. It was concluded that it was in CAL-Fire's best interest to increase the size of some of their intract piping as well as installing a booster pump in order to maintain their required design pressure.

**d. Groundwater Quality Projects**

**Two Groundwater Monitoring Wells**

The District has received an approved amendment to its Local Groundwater Assistant (LGA) grant from the Department of Water Resources (DWR). This amendment approves the relocation of the second of the two proposed groundwater monitoring wells. This monitoring well will now be located on the site of the William Churchill Middle School near Whitney Avenue and Walnut Avenue which is closer to the current known leading edge of the Aerojet groundwater contamination plume. On September 2, 2015, a field meeting was held with representatives of the San Juan Unified School District (SJUSD) to discuss the exact location of the monitoring well on the school property. It was agreed that the monitoring well will be constructed in the northeast corner of the school property very close to the street (Whitney

Avenue). A “Use Agreement” letter will be prepared for SJUSD that will outline the terms and conditions under which the District will construct the monitoring well. The plans and specifications for both monitoring wells will now be finalized by Brown and Caldwell so that the project can be placed out to bid.

**Aerojet Superfund Issues Community Advisory Group Meeting**

The next Community Advisory Group (CAG) meeting will be held on September 23, 2015.

**e. Developer Projects**

**General**

There are approximately 45 projects in various stages of the approval process within the District. The majority of these are commercial projects. Currently there are 23 projects approved for construction, 15 of which have started or are under construction, and 4 that are scheduled, but have not provided the required deliverables prior to start of construction.

During the month of July, no projects were approved.

Total fees collected to date for CY 2015 are approximately \$556,750, of which facilities development charges accounted for approximately \$501,028.

**f. Other**

**Water System Master Plan Update and 2015 Urban Water Management Plan**

The scope of work has been finalized and a contract has been executed with Brown and Caldwell (B&C). The current contract amount is \$284,469. The work is now underway by B&C and they are starting with data collection and review and land use and population projections. B&C has submitted an itemized information and data request and District staff is currently compiling the requested information. The higher priority data and information is being supplied first. The majority of the work on these two documents is expected to be completed in 2015. However, some work will carry over into 2016. In fact, the 2015 UWMP is not due to the State Department of Water Resources (DWR) until July 1, 2016, and guidance for preparation of this document has not even been released yet.

**Administration Building Remodeling**

The Suite 100/300 remodeling project is very close to completion. All construction and improvements in Suite 300, including painting and new carpet, have been completed. All Engineering Dept. staff, including the GIS Department, are now moved into Suite 300. In addition, the remodeling construction work in Suite 100 is also completed and a few offices received new paint and carpet. There is still some rear parking lot improvement work remaining to be completed that will improve ADA access. This work will be completed in September. Paint and carpet for Suite 200 will follow.

### **Greenhouse Gas Inventory for 2014**

In 2009, the District contracted with Kennedy/Jenks Consultants (KJC) to create a greenhouse gas (GHG) inventory/carbon footprint calculation for calendar year 2008, consistent with the District's Sustainability Policy. The spreadsheets prepared and used by KJC were provided to SSWD so that staff could update the GHG inventory calculations in subsequent years. District staff has completed the GHG inventory for 2014. The inventory for 2014 again included GHG emissions from all the electricity, natural gas and fuel used in the District's operations including: groundwater pumping and supply, reservoirs and storage tanks, surface water supplies, district fleet vehicles, administration and other buildings, capital improvement projects, small equipment, employee commuting and personal vehicle use, and air travel.

The District's total GHG emissions for calendar year 2014 were **5,524 metric tons (MT)** of carbon dioxide equivalent or CO<sub>2</sub>e. These are the units that are recognized internationally. One metric ton is equivalent to 2,204.6 U.S. pounds. To put this amount into context, a typical household's annual electricity consumption (12,000 kWh) contributes 18,000 pounds of CO<sub>2</sub>e emissions. Therefore, the District's total GHG emissions for 2014 (5,524 metric tons, or 12,178,210 U.S. pounds) is roughly equivalent to the amount of emissions that would be produced through the annual electricity consumption by 677 typical residential households. By far, the largest contributing emissions category for the District is groundwater pumping and supply emissions at 4,194 MT CO<sub>2</sub>e which represents 79 percent of total 2014 emissions.

SSWD's total emissions for calendar year 2013 were 5,943 MT of CO<sub>2</sub>e. Therefore, total emissions in the 2014 reporting year were slightly less (-7%) as compared to 2013. Both years were considered drought years with no surface water supplies so it would be expected that the emissions would be similar. A total of 32,561 acre-feet (AF) of groundwater was pumped in 2014 as compared to 38,145 AF in 2013. This difference reflects increased water conservation efforts in 2014 as compared to 2013.

### **Carmichael-Old Foothill Farms Community Planning Advisory Council (CPAC)**

The Carmichael-Old Foothill Farms CPAC meeting was held on August 19, 2015. There were two items out of three on the agenda that were within our District. The first of these two items was an informational item regarding a Use Permit for a proposed skilled nursing facility at 5901 Shadowbrook Way. Some members of the community were receptive to the project while others objected the possibility of additional traffic along Dewey Drive. The owner's representative noted all the feedback and will come back to the council for an action item at a later date. The second item on the agenda within our District was an application for a tentative parcel map at 5400 Date Avenue. The property is currently occupied by Goodwill Industries of Sacramento. The applicant wishes to split the lot and own the parcel instead of leasing to perpetuity. The public had no objections and was happy to be working with the management of Goodwill Industries of Sacramento to resolve past noise concerns. The next regularly scheduled Carmichael-Old Foothill Farms CPAC meeting will be held on September 16, 2015.

**North Highlands Community Planning Advisory Council (CPAC)**

The regular North Highlands CPAC Meeting regularly scheduled for August 25, 2015, was cancelled. The next regularly scheduled North Highlands CPAC meeting will be held on September 22, 2015.



## Agenda Item: 14

**Date:** September 10, 2015

**Subject:** Financial Report

**Staff Contact:** Daniel A. Bills, Finance Director

Eight reports are attached for your information. They are:

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

### Financial Statements

#### Balance Sheet:

District cash and cash equivalents have increased to \$6.5 million as of August 31, 2015, up from \$1.3 million at December 31, 2014, due in part to liquidating investments in the amount of \$1.6 million needed for operating cash. Cash held in the District’s bank accounts (\$3.7 million as of August 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 decreased since year-end by \$1.3 million to a total of \$38.6 million, reflecting the liquidation of \$1.6 million needed for cash flow purposes as described above, net of unrealized market value gains and the reinvestment of interest received in 2015.

Capital assets grew \$8.9 million to a total of \$421.6 million as of August 31, 2015, reflecting expenditures on distribution main replacement projects, well improvements and meter retrofit projects. 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 \$227.1 million as of August 31, 2015, compared to \$220.3 million at year-end 2014 for an increase of \$6.8 million.

Income Statement:

The net position increase of \$6.8 million in 2015, when compared to \$7.2 million in 2014, shows:

1. Water Consumption Sales decreased by \$1.0 million compared to the same eight-month period in 2015 primarily due to decreased water deliveries as 18,966 acre-feet of water was delivered in the first eight months of 2015 compared to 22,530 acre-feet in 2014, for a decrease of 19 percent. Partially offsetting the decreased income from water consumption sales was a 4.0 percent rate increase that took effect at the beginning of 2015.
2. Water Service Charges and Capital Facilities Charges increased by \$0.9 million in line with the 4.0 percent rate increase referred to above.
3. Pumping expenses (electricity and chemicals) and depreciation expense increased by a combined amount of \$0.4 million.
4. Interest expense decreased by \$0.1 million due to the favorable reception of District debt in the marketplace. The District's adjustable-rate COP has been trading through the SIFMA curve many times over the past year and as low as 1 basis point for the past 6 weeks. AAA rated municipal credits trade along the SIFMA curve.
5. Facility Development Charges increased by \$0.3 million compared to the prior year, primarily due to connection fees for a 26 housing unit subdivision, a 6" service for an apartment complex on Butano Drive and a 4" connection for CalFire.
6. Federal, state and local capital grant income increased by \$0.2 million due to funds received on the CalFED meter retrofit grant.

Amended Budgets:

The District's operating and maintenance expenditures through August 2015 are less than the amended budget by \$1.6 million. Most of this positive variance is due to reduced water production, e.g., electricity and chemical costs are lower than budget by \$0.4 million. In addition, field maintenance and distribution repairs are lower than anticipated by \$0.2 million. Other positive variances are due primarily to budgetary timing differences.

Operating capital project expenditures in August were \$0.2 million bringing year-t-date expenditures to \$0.25 million. The total budget for the year is \$1.1 million.

The District's amended capital improvement project (CIP) budget for 2015 is \$18.3 million. To date, \$8.6 million has been spent, while another \$3.3 million is encumbered. Expenditures



continue to be primarily in distribution system replacements, well improvements/replacements and meter retrofit projects.

#### Debt – August 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 August 31 is \$93.4 million.

#### Investments Outstanding and Activity – August 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 District's investments are under the day-to-day management of PFM Asset Management, LLC (PFM). PFM manages the portfolio in compliance with the District's Investment Policy and provides monthly and quarterly reporting, analysis and proposes strategies for the District. The market portfolio is currently earning a rate of 1.15% per annum, while LAIF is earning 0.33% per annum. District staff monitors investment assets quarterly and reviews/approves the effective duration of the District's portfolio against its benchmark index on a quarterly basis as well.

During the month, the District purchased one US Treasury Note for \$0.25 million (par). The District received paydowns of principal on two Federal Agency Collateralized Mortgage Obligations of \$6,812 (par) and one Asset-Backed Collateralized Mortgage Obligation for \$45,564 (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 – August 2015

During the month of August, the District made cash payments totaling \$2.6 million. The primary expenditures were – \$0.9 million for capital improvement projects (including expenditures for San Juan's portion of the pump back project), \$0.1 million for operating capital projects, \$0.5 million for water costs including pumping and chemical costs, \$0.1 million for billing production and postage, \$0.1 million for debt service, and \$0.5 million for payroll, pension and health benefits.

#### Purchasing Card Expenditures – August 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 \$5,934 for various purchases on the six District purchasing cards. Details by vendor and purpose are included in this report.

#### Directors Compensation and Expense Accounting – August 2015

Director meetings attended during the month of August 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 – August 2010 through July 2015

The first page in this report shows current market rate data. The overall yield curve increased slightly compared to the prior month. The yield on 30-year Treasury Bonds increased by 14 basis points compared to the prior month to 2.96%, while the short-term rates decreased by 4bps to 0.03%. 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 3.23% while the short-term rate was at 0.01%. 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 August 31 are \$48,723,237 compared to \$44,812,477 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**  
**August 31, 2015**

**Sacramento Suburban Water District  
Balance Sheet**

As Of

	<u>Month End</u> <u>8/31/2015</u>	<u>Year End</u> <u>12/31/14</u>
<b>ASSETS</b>		
<b>CURRENT ASSETS</b>		
Cash and cash equivalents	\$6,493,396.78	\$1,313,305.30
Restricted Cash and cash equivalents	33,831.74	32,270.61
Accounts receivable, net of allowance for uncollectible accounts	1,763,108.81	2,027,912.76
Interest receivable	109,628.06	105,770.14
Restricted Interest receivable	8,724.66	10,807.98
Grants receivables	33,969.64	33,969.64
Other receivables		62,867.69
Inventory	540,316.44	570,864.13
Prepaid expenses and other assets	775,845.30	453,270.56
<b>TOTAL CURRENT ASSETS</b>	<b>9,758,821.43</b>	<b>4,611,038.81</b>
<b>NONCURRENT ASSETS</b>		
Investments	38,678,298.03	39,959,089.90
Restricted Investments	3,508,985.90	3,497,003.35
<b>TOTAL NONCURRENT ASSETS</b>	<b>42,187,283.93</b>	<b>43,456,093.25</b>
Property, plant and equipment	421,622,992.26	412,759,799.55
Accumulated depreciation	(148,688,269.80)	(141,121,255.27)
<b>TOTAL CAPITAL ASSETS</b>	<b>272,934,722.46</b>	<b>271,638,544.28</b>
<b>TOTAL ASSETS</b>	<b>324,880,827.82</b>	<b>319,705,676.34</b>
<b>DEFERRED OUTFLOWS OF RESOURCES</b>		
Deferred amount on long-term debt refunding	8,178,712.71	8,607,461.99
Deferred outflow of effective swaps	675,593.00	675,593.00
<b>TOTAL ASSETS AND DEFERRED OUTFLOWS OF RESOURCES</b>	<b>333,735,133.53</b>	<b>328,988,731.33</b>
<b>LIABILITIES</b>		
<b>CURRENT LIABILITIES</b>		
Current portion of long-term debt and capital leases	3,795,000.00	3,795,000.00
Accounts payable	326,843.72	1,978,188.86
Accrued interest	805,324.61	458,417.02
Deferred revenue and other liabilities	691,726.96	677,961.49
Accrued expenses	61,112.08	425,832.12
<b>TOTAL CURRENT LIABILITIES</b>	<b>5,680,007.37</b>	<b>7,335,399.49</b>
<b>NONCURRENT LIABILITIES</b>		
Long-term debt	99,307,829.28	99,733,879.08
Compensated absences	988,696.14	921,934.18
Fair value of interest rate swaps	675,593.00	675,593.00
<b>TOTAL NONCURRENT LIABILITIES</b>	<b>100,972,118.42</b>	<b>101,331,406.26</b>
<b>TOTAL LIABILITIES</b>	<b>106,652,125.79</b>	<b>108,666,805.75</b>
<b>DEFERRED INFLOWS OF RESOURCES</b>		
<b>NET POSITION</b>		
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	46,825,798.61	40,064,716.45
<b>TOTAL NET POSITION</b>	<b>227,083,007.74</b>	<b>220,321,925.58</b>
<b>TOTAL LIABILITIES, DEFERRED INFLOWS AND NET POSITION</b>	<b>333,735,133.53</b>	<b>328,988,731.33</b>

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

	Month <u>8/31/2015</u>	Year-To-Date <u>8/31/2015</u>	Month <u>8/31/2014</u>	Year-To-Date <u>8/31/2014</u>
<b>OPERATING REVENUES</b>				
Water consumption sales	\$1,066,677.64	\$6,072,796.96	\$1,277,852.96	\$7,027,277.68
Water service charge	535,849.34	4,214,768.08	466,808.59	3,837,404.48
Capital facilities charge	1,805,556.33	14,148,324.33	1,732,019.13	13,642,297.21
Wheeling water charge	550.20	4,110.84	516.11	3,586.85
Other charges for services	81,483.82	664,407.39	161,541.26	962,713.60
<b>TOTAL OPERATING REVENUES</b>	<b>3,490,117.33</b>	<b>25,104,407.60</b>	<b>3,638,738.05</b>	<b>25,473,279.82</b>
<b>OPERATING EXPENSES</b>				
Source of supply	6,093.97	35,695.22	4,029.28	43,546.27
Pumping	576,323.96	2,848,997.72	528,567.81	2,731,996.52
Transmission and distribution	237,808.92	1,754,231.93	161,318.95	1,990,351.83
Water conservation	68,601.81	394,308.99	34,319.52	329,335.59
Customer accounts	114,194.05	762,696.15	87,448.67	719,406.60
Administrative and general	492,160.22	3,838,203.08	491,358.17	3,628,210.99
<b>TOTAL OPERATING EXPENSES</b>	<b>1,495,182.93</b>	<b>9,634,133.09</b>	<b>1,307,042.40</b>	<b>9,442,847.80</b>
Operating income before depreciation	1,994,934.40	15,470,274.51	2,331,695.65	16,030,432.02
Depreciation and amortization	(942,912.79)	(7,567,014.53)	(902,648.51)	(7,282,275.29)
<b>OPERATING INCOME</b>	<b>1,052,021.61</b>	<b>7,903,259.98</b>	<b>1,429,047.14</b>	<b>8,748,156.73</b>
<b>NON-OPERATING REV. (EXP.)</b>				
Rental income	21,459.26	170,248.50	16,379.00	186,547.01
Interest and investment income	(13,745.53)	400,839.65	98,276.52	443,487.44
Interest expense	(273,045.04)	(2,435,192.15)	(284,604.17)	(2,533,468.50)
Other non-operating revenues	(533.44)	20,640.98	9,863.56	26,802.73
Grant revenue pass-through to sub recipients			396,000.00	551,563.00
Other non-operating expenses	(5.44)	(73.94)	153.10	6.53
Sub recipient grant expenses			(396,000.00)	(551,563.00)
Gain(loss) on disposal of capital assets		6,251.53		16,414.00
<b>NON-OPERATING REV. (EXP.)</b>	<b>(265,870.19)</b>	<b>(1,837,285.43)</b>	<b>(159,931.99)</b>	<b>(1,860,210.79)</b>
<b>NET INCOME (LOSS) BEFORE CAPITAL CONTRIBUTIONS</b>	<b>786,151.42</b>	<b>6,065,974.55</b>	<b>1,269,115.15</b>	<b>6,887,945.94</b>
<b>CAPITAL CONTRIBUTIONS</b>				
Facility development charges		523,936.00	136,356.00	265,314.00
Federal, state and local capital grants	475.00	171,171.61		10,576.26
<b>TOTAL CAPITAL CONTRIBUTIONS</b>	<b>475.00</b>	<b>695,107.61</b>	<b>136,356.00</b>	<b>275,890.26</b>
<b>CHANGE IN NET POSITION</b>	<b>786,626.42</b>	<b>6,761,082.16</b>	<b>1,405,471.15</b>	<b>7,163,836.20</b>
Net position at beginning of period	226,296,381.32	220,321,925.58	214,436,492.97	208,678,127.92
<b>NET POSITION AT END OF PERIOD</b>	<b>227,083,007.74</b>	<b>227,083,007.74</b>	<b>215,841,964.12</b>	<b>215,841,964.12</b>

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

	2015 YTD					
	Actual	Month of August Amended Budget	Variance	Actual	Amended Budget	Variance
<b>BUDGETED OPERATING EXPENSES</b>						
Board of Directors	\$2,522.34	\$2,706.11	\$183.77	\$23,157.92	\$34,248.88	\$11,090.96
Administrative	172,354.71	169,522.24	(2,832.47)	1,228,317.27	1,381,797.92	153,480.65
Finance	67,743.75	75,217.15	7,473.40	633,821.38	681,237.20	47,415.82
Customer Services	114,194.05	111,910.92	(2,283.13)	762,696.15	895,287.36	132,591.21
Field Operations	25,965.57	32,681.63	6,716.06	227,379.14	261,988.04	34,608.90
Production	582,417.93	656,785.45	74,367.52	2,884,692.94	3,296,081.60	411,388.66
Distribution	149,491.39	169,168.52	19,677.13	1,060,525.89	1,353,340.16	292,814.27
4 Field Services	88,317.53	89,370.75	1,053.22	693,706.04	725,299.00	31,592.96
Maintenance	45,520.95	56,460.13	10,939.18	351,754.06	451,680.99	99,926.93
Water Conservation	46,913.17	49,843.95	2,930.78	317,928.56	381,716.60	63,788.04
Engineering	80,746.67	84,545.33	3,798.66	639,020.40	687,302.64	48,282.24
GIS/CAD	22,854.81	27,997.86	5,143.05	209,230.62	233,547.88	24,317.26
Human Resources	15,187.43	14,146.43	(1,041.00)	101,673.59	144,372.69	42,699.10
MIS	59,263.99	69,770.40	10,506.41	423,848.70	558,553.20	134,704.50
Drought Conservation Expenses	21,688.64	105,465.00	83,776.36	76,380.43	172,836.00	96,455.57
<b>TOTAL OPERATING EXPENSES</b>	<b>1,495,182.93</b>	<b>1,715,591.87</b>	<b>220,408.94</b>	<b>9,634,133.09</b>	<b>11,259,290.16</b>	<b>1,625,157.07</b>

SACRAMENTO SUBURBAN WATER DISTRICT  
 OPERATING CAPITAL AMENDED BUDGET  
 8/31/2015

Project Number	Project Name	Original Budget	Amended Budget	Current Month Expenditures	Expenditures Year-To-Date	Committed Year-To-Date	Remaining Balance
SF15-309	REPL VEHICLE TRACKING SOFTWARE	\$ -	\$ 3,500.00 <sup>2</sup>		\$ -	\$ 3,500.00	\$ -
SF15-325	PUMP CNTRL VL PROJECT BLANKETS	19,000.00	19,000.00		8,751.91		10,248.09
SF15-333	OFFICE CHAIRS-WALNUT FACILITY	2,500.00	2,500.00		2,419.07		80.93
SF15-334	VEHICLE REPL-TRUCK #33	105,825.00	105,825.00		-	100,493.00	5,332.00
SF15-335	ASPHALT REPAIR/REPL-WELL SITES	27,000.00	27,000.00	25,200.00	25,200.00	-	1,800.00
SF15-336	PROD METER REPL/MAGMETERS	30,000.00	30,000.00		-	20,227.00	9,773.00
SF15-337	UCMR3	15,000.00	15,000.00		4,000.00		11,000.00
SF15-338	DEMOLITION HAMMER/2 GENERATORS	6,200.00	6,200.00		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		55.00
SF15-341	REPL PARKING PAVR-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	2,946.52	2,946.52		247,053.48
SF15-346	CONSTRUCTION SAFTY EQUIPMENT	25,000.00	25,000.00	10,546.20	10,546.20	10,548.00	3,905.80
SF15-347	REMODEL MARCONI OFFICE	180,000.00	180,000.00	84,578.79	94,127.66	121,774.13	(35,901.79)
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	59,000.00 <sup>1</sup>	35,107.56	56,047.83	35,784.73	(32,832.56)
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	13,952.00 <sup>1,2,3</sup>		-		13,952.00
SF15-353	STUDY NEW FIN ACCTG SYSTEM	15,000.00	15,000.00	3,022.50	9,765.00	8,257.50	(3,022.50)
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	52,548.00 <sup>3</sup>		-	48,110.00	4,438.00
SF15-356	ON-DEMAND ROUTING WO/SO	10,000.00	- <sup>1</sup>		-		-
SF15-357	PDC ENHANCEMENTS/PRODUCTION DE	15,000.00	15,000.00	3,255.00	10,695.00	7,560.00	(3,255.00)
SF15-358	BUS INTELLIGEN/OPER REPORTING	20,000.00	3,000.00 <sup>1</sup>		-		3,000.00
SF15-359	INVENTORY CHECKOUT SCANNING	20,000.00	20,000.00		-		20,000.00
SF15-360	KVM/MONITOR/KEYBOARD REPL	10,000.00	- <sup>1</sup>		-		-
		\$ 1,140,925.00	\$ 1,140,925.00	\$ 164,656.57	\$ 237,563.68	\$ 356,254.36	\$ 547,106.96

**Sacramento Suburban Water District  
Capital Improvement Project Amended Budget  
8/31/2015**

Project No.	Project Name	Original Budget	Amended 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 <sup>1</sup>	\$ 5,586.56	\$ 19,322.63	\$ 63,566.37	\$ 117,111.00
SC15-009	WELL REHAB/PUMP ST IMPROVEMENT	890,000.00	890,000.00	\$27,577.73	324,147.55	135,658.29	430,194.16
SC15-010	SCADA RTU/COMMUN IMPROVEMENT	300,000.00	300,000.00	3,381.35	27,445.45	109,415.65	163,138.90
SC15-011	WELLHEAD TREATMENT/CHEM FEED	270,000.00	270,000.00	-	-	1,250.00	268,750.00
SC15-011A	CHROMIUM 6 OPERATIONS PLAN	100,000.00	100,000.00	-	-	-	100,000.00
SC15-012	WELL REPLACEMENTS	2,450,000.00	2,100,000.00 <sup>2</sup>	8,330.00	314,569.41	68,180.98	1,717,249.61
SC15-013	ELEC ARC FLASH MOD @WELL SITES	100,000.00	100,000.00	3,510.00	49,078.00	13,843.00	37,079.00
SC15-018	DISTRIBUTION MAIN REPLACEMENTS	9,700,000.00	9,060,000.00 <sup>1</sup>	426,062.15	4,729,289.78	2,288,062.75	2,042,647.47
SC15-019	DIST MAIN IMPRV/EXT/INTERTIES	500,000.00	850,000.00 <sup>2</sup>	50,974.52	753,157.24	289,099.86	(192,257.10)
SC15-022	LOWERING/RAISING VALVE BOXES	150,000.00	150,000.00	-	-	49,854.00	100,146.00
SC15-024	METER RETROFIT PROGRAM	1,613,000.00	1,613,000.00	178,139.11	1,289,553.17	-	323,446.83
SC15-024A	VOLUNTARY METER RETROFIT PROGR	75,000.00	75,000.00	3,863.32	31,960.40	5,700.00	37,339.60
SC15-027	DISTRIB MAJOR REPAIRS	350,000.00	350,000.00	19,270.00	119,124.44	13,443.80	217,431.76
SC15-028	DISTRIB SYSTEM IMPRV	375,000.00	375,000.00	77,017.50	216,026.99	27,220.00	131,753.01
SC15-034	RESERVIOR/TANK IMPROVMENT	150,000.00	300,000.00 <sup>1</sup>	-	186,194.11	83,915.37	29,890.52
SC15-034A	CORROSION CONTRL/CMLC WTR MAIN	50,000.00	50,000.00	8,200.70	8,200.70	35,020.00	6,779.30
SC15-035	PROFESSIONAL/SPECIAL PROJ	200,000.00	200,000.00	29,969.24	29,969.24	10,796.98	159,233.78
SC15-038	LARGE WTR METER >3" REPL	140,000.00	215,000.00 <sup>3</sup>	21,734.65	157,424.61	16,498.15	41,077.24
SC15-039	FIRE HYDRANT REPL/REHAB/ADD	200,000.00	200,000.00	6,095.00	89,997.00	6,900.00	103,103.00
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	67,989.17	67,989.17	18,375.00	13,635.83
SC15-043	ANTELOPE PUMP AROUND	360,000.00	700,000.00 <sup>1</sup>	17,722.70	173,217.03	62,213.02	464,569.95
SC15-044	CAPITAL IMPRV CTP(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
<b>Totals SSWD</b>		<b>\$ 18,257,000.00</b>	<b>\$ 18,332,000.00</b>	<b>\$ 849,264.59</b>	<b>\$ 8,586,666.92</b>	<b>\$ 3,299,013.22</b>	<b>\$ 6,446,319.86</b>

Project No.	Project Name	Current Month Expenditures	Expenditures Year-To-Date	Payments Received Year-To-Date	Remaining Balance Unpaid
SC15-043A	ANTELOPE PUMP BACK PROJECT (SJWD)	\$ 53,786.58	\$ 632,922.68	\$ 584,764.90	\$ 48,167.78



**Sacramento Suburban Water District  
Debt  
8/31/2015**

**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  
August 2015**

SACRAMENTO SUBURBAN WATER DISTRICT  
INVESTMENTS OUTSTANDING - OPERATING FUND

August 31, 2015

MONTH END:

Detail of Securities Held:

SECURITY TYPE	CUSIP	DESCRIPTION	PAR	Coupon	Maturity Date	S&P	TRADE DATE	SETTLE DATE	ORIGINAL COST	YTM	ACCRUED INTEREST	MARK - TO-MARKET	MARKET VALUE
<b>CORPORATE NOTE</b>													
	71348CE6	PEPSICO INC GLOBAL NOTES	340,000.00	0.700	2/26/2016	A-	2/25/2013	2/28/2015	339,881.00	0.71	33.06	489.26	340,370.26
	46623EU4	JPMORGAN CHASE & CO GLOBAL NOTES	500,000.00	1.125	2/26/2016	A	2/21/2013	2/26/2015	499,395.00	1.17	78.13	1,307.00	500,702.00
	19159HB9	US BANCORP (CALLABLE)	1,000,000.00	2.200	11/15/2016	A+	2/15/2013	2/17/2015	1,042,940.00	1.02	6,477.78	(29,241.00)	1,013,699.00
	46623EY6	JPMORGAN CHASE & CO	350,000.00	1.350	2/15/2017	A	2/12/2014	2/18/2014	499,750.00	1.37	300.00	(273.00)	499,477.00
	08464BS9	BERKSHIRE HATHAWAY FIN GLOBAL NOTE	350,000.00	2.300	5/15/2017	AA	1/8/2013	1/15/2013	354,987.50	1.26	1,648.89	(2,689.75)	352,297.75
	24422ES0	JOHN DEERE CAPITAL CORP NOTES	670,000.00	1.125	6/13/2017	AA	6/12/2014	6/13/2014	669,685.10	1.14	1,654.06	(651.91)	669,033.19
	40934CA3	HSBC USA INC	290,000.00	1.300	6/23/2017	A+	6/16/2014	6/23/2014	289,559.20	1.35	712.11	(71.92)	289,487.28
	14912L6D8	CATERPILLAR FINANCIAL SE	440,000.00	1.250	8/18/2014	A+	8/13/2014	8/20/2014	439,780.00	1.27	198.61	(654.28)	439,125.72
	0238M0D87	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	1,471.85	(46.44)	214,665.46
	16676AA8	CHEVRON CORP (CALLABLE) GLOBAL NOTES	220,000.00	1.104	12/5/2017	AA	11/29/2012	12/5/2012	150,811.50	0.99	395.60	(1,742.85)	149,068.65
	459200H00	IBM CORP GLOBAL NOTES	485,000.00	1.250	2/9/2018	AA-	2/5/2013	2/8/2013	482,778.70	1.35	387.33	(1,365.98)	481,412.72
	084670B80	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	497.29	105.79	482,882.49
	06406HC16	BANK OF NEW YORK MELLON (CALLABLE) NOTE	400,000.00	1.350	3/6/2018	A+	3/4/2013	3/6/2013	399,884.90	1.36	2,625.00	1,630.13	525,900.38
	30231GAL6	EXXON MOBIL CORP NOTES	800,000.00	1.305	3/6/2018	AAA	3/4/2013	3/6/2013	800,000.00	1.31	5,075.00	(2,752.00)	397,132.00
	931142DF7	GENERAL ELEC DAP CORP GLOBAL NOTES	500,000.00	1.625	4/2/2018	AA+	4/10/2013	4/15/2013	501,285.00	1.57	3,362.85	(468.80)	799,531.20
	057833AJ9	WAL-MART STORES INC GLOBAL NOTES	415,000.00	1.125	4/11/2018	AA	4/4/2013	4/11/2013	414,618.20	1.14	1,815.63	(1,843.50)	499,441.50
	06406HB2	BANK OF NEW YORK MELLON CORP	400,000.00	1.600	5/2/2018	A+	5/22/2013	5/29/2013	399,964.00	1.60	1,635.56	(1,732.13)	469,769.30
	16676AAE0	CHEVRON CORP GLOBAL NOTES	680,000.00	1.718	6/24/2018	AA	6/17/2013	6/24/2013	680,000.00	1.72	2,174.22	(2,207.20)	397,756.80
	17275RA83	CISCO SYSTEM INC GLOBAL NOTES	375,000.00	2.125	3/11/2019	AA-	8/29/2014	9/4/2014	378,562.50	1.90	3,984.38	(813.37)	682,301.12
	04665WAH4	AMERICAN HONDA FINANCE GLOBAL NOTES	800,000.00	2.250	8/15/2019	A+	9/4/2014	9/5/2014	798,520.00	2.29	800.00	(1,843.50)	802,507.20
	94974BGF1	WELLS FARGO & COMPANY	400,000.00	2.150	1/30/2020	A+	2/2/2015	2/5/2015	402,796.00	2.00	740.56	(6,241.20)	396,554.80
	89236TCE0	TOYOTA MOTOR CORP NOTES	250,000.00	2.150	3/12/2020	AA-	3/23/2015	3/27/2015	252,220.00	1.96	2,532.26	(2,685.25)	249,534.75
	00282AZ2	ABBOTT LABORATORIES	550,000.00	2.000	3/15/2020	A+	3/24/2015	3/27/2015	553,635.50	1.86	(7,646.65)	(56,806.68)	545,988.85
			11,750,000.00						11,783,282.80	1.44	45,953.32		11,726,475.92
<b>FED AGY BOND/NOTE</b>													
	3130A0GK0	FHLB (CALLABLE) GLOBAL NOTES	750,000.00	0.375	12/5/2015	AA+	12/12/2013	12/5/2013	749,775.00	0.39	476.56	558.75	750,333.75
	3130A0SD3	FEDERAL HOME LOANS BANKS GLOBAL NOTES	1,500,000.00	0.375	12/30/2015	AA+	10/2/2014	10/6/2014	1,501,005.00	0.33	187.50	(390.00)	1,500,615.00
	3137EADH9	FREDDIE MAC GLOBAL NOTES	65,000.00	1.000	6/29/2014	AA+	8/13/2014	8/13/2014	65,076.05	0.96	111.94	300.11	65,376.16
	3137EADH9	FREDDIE MAC GLOBAL NOTES	500,000.00	1.000	6/29/2014	AA+	8/13/2014	8/13/2014	500,477.00	0.97	861.11	2,416.50	502,893.50
	3135G0M23	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	107.55	(4,038.55)	1,474,619.45
	3137EADL0	FREDDIE MAC GLOBAL NOTES	225,000.00	1.000	9/29/2017	AA+	10/5/2012	10/5/2012	227,101.50	0.81	950.00	(1,545.52)	225,555.98
	3135G0P00	FANNIE MAE GLOBAL NOTES	845,000.00	0.875	10/26/2017	AA+	11/27/2013	12/3/2013	838,468.15	1.08	2,567.27	7,332.91	845,801.06
	3135G0WJ8	FANNIE MAE GLOBAL NOTES	500,000.00	0.875	5/21/2018	AA+	5/24/2013	5/31/2013	492,425.00	1.19	1,215.28	4,483.00	496,908.00
	3135G0WJ8	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	2,552.08	2,379.30	1,043,506.80
	3135G0Y74	FANNIE MAE GLOBAL NOTES	260,000.00	1.625	11/27/2018	AA+	10/22/2014	10/23/2014	262,470.00	1.39	1,103.19	793.00	263,263.00
	3135G0Y74	FANNIE MAE GLOBAL NOTES	650,000.00	1.625	11/27/2018	AA+	6/16/2014	6/19/2014	650,019.50	1.62	2,757.99	8,138.00	658,157.50
	3137EADG1	FREDDIE MAC NOTES	400,000.00	1.750	5/5/2019	AA+	12/1/2014	12/3/2014	404,544.00	1.49	1,769.44	486.80	405,030.80
			8,220,000.00						8,211,146.70	0.89	14,659.91	20,914.30	8,232,061.00
<b>MUNICIPAL BOND/NOTE</b>													
	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	301.88	(389.85)	345,776.25
	6842LDJ00	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	303.33	1,250.00	501,250.00
	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	653.60	868.60	215,868.60
	13063CF09	CA ST TXBL GO BONDS	750,000.00	1.750	11/1/2017	A+	10/22/2013	11/5/2013	752,677.50	1.66	4,375.00	7,650.00	760,327.50
	91412GS29	UNIV OF CAL TXBL REV BONDS	695,000.00	2.054	5/15/2018	AA	9/26/2013	10/2/2013	695,000.00	2.05	4,203.28	16,144.85	711,144.85
	20772ZIK1	CT ST TXBL GO BONDS	230,000.00	1.974	3/15/2019	AA	3/16/2015	3/25/2015	230,646.50	1.90	1,967.42	(460.00)	230,186.50
			2,735,000.00						2,735,449.50	1.54	11,804.51	25,043.60	2,764,333.50
<b>FEDERAL AGENCY COLLATERALIZED MORTGAGE OBLIGATION</b>													
	31366ANY4	FNMA SERIES 2045-M7 ASQ2	185,000.00	1.550	4/1/2018	AA+	4/15/2015	4/30/2015	186,849.33	0.83	238.96	(339.73)	186,509.60
	31366AMC0	FNMA SERIES 2045-M3 FA	137,415.39	0.392	6/1/2018	AA+	2/12/2015	2/27/2015	137,379.49	0.39	49.66	(61.12)	137,318.37
	31366ATM1	FNMA SERIES M4 FA	121,626.68	0.385	9/25/2018	AA+	3/12/2015	3/31/2015	121,595.51	0.38	107.45	107.45	121,702.94
			444,042.07						444,824.33	0.57	328.89	(293.42)	445,530.91

SACRAMENTO SUBURBAN WATER DISTRICT  
INVESTMENTS OUTSTANDING - OPERATING FUND

MONTH END: August 31, 2015

Detail of Securities Held:

SECURITY TYPE	CUSIP	DESCRIPTION	PAR	COUPO	MATURITY DATE	S&P RATING	TRADE DATE	SETTLE DATE	ORIGINAL COST	YTM AT COST	ACCRUED INTEREST	MARK- TO-MARKET	MARKET VALUE
CERTIFICATE OF DEPOSIT													
PFM	0557ABDW7	BMO HARBIS 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	2,400.00	219.12	800,219.12
PFM	06121TWF1	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	546.93	324.63	875,324.63
PFM	96417HMU7	BANK OF NOVA SCOTIA HOUSE CD FLOAT	875,000.00	0.410	6/10/2014	A+	6/11/2014	6/13/2014	874,471.50	0.28	932.42	441.88	874,913.38
PFM	38147J2L5	GOLDMAN SACHS BANK USA CD	800,000.00	0.900	8/15/2016	A-1	8/14/2014	8/19/2014	800,000.00	0.90	256.44	368.00	800,368.00
PFM	40428ACS4	HSBC BANK US NA CD	600,000.00	0.880	8/15/2016	A-1+	2/11/2015	2/13/2015	600,000.00	0.88	220.00	465.60	600,465.60
PFM	13606TY99	CANADIAN IMPERIAL BANK NY YCD	800,000.00	1.010	4/6/2017	A-1	4/6/2015	4/10/2015	800,000.00	1.01	3,164.67	(1,936.00)	798,064.00
PFM	21684BHZ2	RABOBANK NEDERLAND NV NY CD	1,000,000.00	1.070	4/21/2017	A-1	4/22/2015	4/27/2015	1,000,000.00	1.07	3,683.56	(3,650.00)	996,330.00
PFM	65558LFX5	NORDEA BANK FINLAND NY CD	800,000.00	1.150	5/26/2017	A-1	5/27/2015	5/29/2015	800,000.00	1.15	2,427.78	(2,868.00)	797,132.00
PFM	89113ESN7	NORDEA BANK FINLAND NY CD	825,000.00	1.240	6/16/2017	A-1	6/16/2015	6/19/2015	825,000.00	1.25	2,074.42	(350.62)	824,649.38
			7,375,000.00						7,374,471.50	0.83	15,708.22	(6,985.39)	7,367,486.11
ASSET-BACKED SECURITY													
PFM	4381KAB7	HONDA ABS 2015-1 A2	165,000.00	0.700	6/15/2017	AAA	1/21/2015	1/28/2015	164,991.39	0.70	51.33	(62.67)	164,928.72
PFM	8923WAB7	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	(183.44)	154,815.09
PFM	3430PAC6	FORD ABS 2014-C A2	344,546.66	0.610	8/15/2017	AAA	1/23/2015	1/28/2015	344,185.06	0.63	93.36	44.67	344,229.73
PFM	4318NAC0	HAROT 2015-2 A3	285,000.00	1.040	2/21/2019	AAA	5/13/2015	5/20/2015	284,956.25	1.05	82.33	(636.54)	284,319.71
PFM	1730SEFN0	CITIBK CREDIT CRD ISSUANCE	300,000.00	1.020	2/22/2019	AAA	3/17/2015	3/20/2015	299,589.84	1.08	76.50	272.76	299,862.60
PFM	89237CAD3	TOYOTA ABS 2015-B A3	385,000.00	1.270	5/15/2019	AAA	6/10/2015	6/17/2015	384,979.17	1.27	17.31	(64.75)	384,337.42
PFM	65477UAC4	NISSAN ALTO RECEIVABLE OWNER 2015-A	295,000.00	1.050	10/15/2019	NR	4/7/2015	4/14/2015	294,977.99	1.06	137.67	(973.44)	295,964.55
PFM	3430VAD1	FORDO 2015-B A3	200,000.00	1.160	1/15/2019	NR	5/19/2015	5/26/2015	199,981.50	1.16	103.11	(73.50)	199,908.00
PFM	6547WAD0	NISSAN ABS 2015-B A3	195,000.00	1.340	3/16/2020	NR	7/15/2015	7/22/2015	194,984.50	1.34	108.88	136.99	195,121.49
			2,334,346.66						2,323,604.23	1.02	919.40	-2,116.92	2,321,487.31
US TSY BOND/NOTE													
PFM	912828MD9	US TREASURY NOTES	265,000.00	3.250	12/31/2014	AA+	10/30/2014	11/3/2014	280,175.39	0.58	1,474.42	(5,833.08)	274,342.31
PFM	912828M3	US TREASURY NOTES	235,000.00	1.000	3/31/2017	AA+	3/19/2014	3/21/2014	235,541.60	0.92	988.80	798.61	236,340.21
PFM	912828C73	US TREASURY NOTES	660,000.00	0.875	4/15/2027	AA+	5/15/2015	5/15/2015	664,176.56	0.54	2,193.24	(1,821.68)	662,354.88
PFM	912828U46	US TREASURY NOTES	525,000.00	0.625	11/30/2017	AA+	5/6/2014	5/9/2014	514,910.16	1.18	835.76	7,150.37	522,060.53
PFM	912828YQ9	US TREASURY NOTES	250,000.00	1.375	7/31/2018	AA+	8/31/2015	8/31/2015	252,861.33	0.99	657.61	(670.58)	252,190.75
PFM	912828YQ0	US TREASURY NOTES	550,000.00	1.375	7/31/2018	AA+	2/2/2015	2/4/2015	538,550.78	0.92	657.61	(3,731.13)	534,819.65
PFM	912828A34	US TREASURY NOTES	235,000.00	1.250	11/30/2018	AA+	6/2/2014	6/3/2014	233,356.84	1.41	746.41	2,194.00	235,550.84
PFM	912828A75	US TREASURY NOTES	450,000.00	1.500	12/31/2018	AA+	12/29/2014	12/31/2014	449,560.55	1.53	1,155.57	4,699.15	454,259.70
PFM	912828B33	US TREASURY NOTES	830,000.00	1.500	11/30/2018	AA+	7/29/2014	7/31/2014	826,141.79	1.61	1,082.61	11,109.92	837,251.71
PFM	912828C65	US TREASURY NOTES	225,000.00	1.625	3/31/2019	AA+	9/2/2014	9/4/2014	225,246.09	1.60	1,538.42	2,487.21	227,733.30
PFM	912828F39	US TREASURY NOTES	475,000.00	1.750	9/30/2019	AA+	3/25/2015	3/27/2015	482,366.21	1.39	3,497.61	(872.01)	481,494.20
PFM	912828TR1	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	4,638.42	2,821.29	1,082,325.20
			5,800,000.00						5,802,391.21	1.21	19,095.78	18,332.07	5,820,723.38
			38,638,388.73						38,680,210.47	1.15	108,470.03	-1,912.44	38,678,298.03
TOTAL INVESTMENT PORTFOLIO													
CASH EQUIVALENTS													
US TSY MONEY MKT													
U.N. BANK	431114503	US TREASURY MONEY MARKET	122,800.72		OVERNIGHT				122,800.72	0.00	-	-	122,800.72
LAIF	9034005	LOCAL AGENCY INVESTMENT FUND	2,843,565.76		OVERNIGHT				2,843,565.76	0.33	1,158.03	16.52	2,843,828.28
			2,966,366.48						2,966,366.48		1,158.03	16.52	2,966,383.00
TOTAL CASH EQUIVALENTS													

**Investment Activity  
August 2015**



**Managed Account Security Transactions & Interest**

For the Month Ending August 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
<b>BUY</b>											
	08/03/15	08/03/15	US TREASURY NOTES DTD 07/31/2013 1.375% 07/31/2018	912828V00	250,000.00	(252,861.33)	(28.02)	(252,889.35)			
<b>Transaction Type Sub-Total</b>					<b>250,000.00</b>	<b>(252,861.33)</b>	<b>(28.02)</b>	<b>(252,889.35)</b>			
<b>INTEREST</b>											
	08/01/15	08/01/15	CA ST TXBL GO BONDS	13063BN73	345,000.00	0.00	1,811.25	1,811.25			
	08/01/15	08/25/15	DTD 03/27/2013 1.050% 02/01/2016 FNMA SERIES M4 FA	3136AMTM1	121,734.99	0.00	41.41	41.41			
	08/01/15	08/25/15	DTD 03/01/2015 0.385% 09/01/2018 FNMA SERIES 2015-M3 FA	3136AMMCO	144,118.91	0.00	50.26	50.26			
	08/01/15	08/25/15	DTD 02/01/2015 0.420% 06/01/2018 FNMA SERIES 2015-M7 ASQ2	3136ANDY4	185,000.00	0.00	238.96	238.96			
	08/03/15	08/03/15	DTD 04/01/2015 1.550% 04/01/2018 ORANGE CNTY, CA TXBL REV PO BONDS	68428LDJ0	500,000.00	0.00	2,166.67	2,166.67			
	08/03/15	08/03/15	DTD 01/13/2015 0.780% 05/02/2016 MONEY MARKET FUND	MONEY0002	0.00	0.00	2.30	2.30			
	08/08/15	08/08/15	IBM CORP GLOBAL NOTES	459200HK0	485,000.00	0.00	3,031.25	3,031.25			
	08/09/15	08/09/15	DTD 02/08/2013 1.250% 02/08/2018 BERKSHIRE HATHAWAY GLOBAL NOTE	084670BH0	525,000.00	0.00	4,068.75	4,068.75			
	08/15/15	08/15/15	DTD 02/11/2013 1.550% 02/09/2018 JPMORGAN CHASE & CO	46623EY6	500,000.00	0.00	3,375.00	3,375.00			
	08/15/15	08/15/15	DTD 02/18/2014 1.350% 02/15/2017 TOYOTA ABS 2015-B A3	89237CAD3	385,000.00	0.00	407.46	407.46			
	08/15/15	08/15/15	DTD 06/17/2015 1.270% 05/15/2019 NISSAN ABS 2015-A A3	65477UAC4	295,000.00	0.00	258.13	258.13			
	08/15/15	08/15/15	DTD 04/14/2015 1.050% 10/15/2019 HONDA ABS 2015-1 A2	43814KAB7	165,000.00	0.00	96.25	96.25			
	08/15/15	08/15/15	DTD 01/28/2015 0.700% 06/15/2017 FORD ABS 2014-C A2	34530PAC6	389,910.94	0.00	198.20	198.20			
	08/15/15	08/15/15	DTD 11/25/2014 0.610% 08/15/2017 TOYOTA ABS 2015-A A2	89236WAB4	155,000.00	0.00	91.71	91.71			
			DTD 03/04/2015 0.710% 07/15/2017								





**Managed Account Security Transactions & Interest**

For the Month Ending August 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
<b>INTEREST</b>											
	08/15/15	08/15/15	AMERICAN HONDA FINANCE GLOBAL NOTES	02665WAH4	800,000.00	0.00	9,000.00	9,000.00			
			DTD 09/09/2014 2.250% 08/15/2019								
	08/15/15	08/15/15	FORD ABS 2015-B A3	34530VAD1	200,000.00	0.00	193.33	193.33			
			DTD 05/26/2015 1.160% 11/15/2019								
	08/16/15	08/16/15	NISSAN ABS 2015-B A3	65475WAD0	195,000.00	0.00	166.94	166.94			
			DTD 07/22/2015 1.340% 03/16/2020								
	08/17/15	08/17/15	HSBC BANK USA NA CD	40428AC54	600,000.00	0.00	2,713.33	2,713.33			
			DTD 02/13/2015 0.880% 08/15/2016								
	08/18/15	08/18/15	CATERPILLAR FINANCIAL SE	14912L6D8	440,000.00	0.00	2,750.00	2,750.00			
			DTD 08/20/2014 1.250% 08/18/2017								
	08/19/15	08/19/15	FEDERAL HOME LOAN BANK GLOBAL NOTES	3130A0SD3	1,500,000.00	0.00	2,812.50	2,812.50			
			DTD 01/24/2014 0.375% 02/19/2016								
	08/19/15	08/19/15	GOLDMAN SACHS BANK USA CD	38147J2L5	800,000.00	0.00	3,570.41	3,570.41			
			DTD 08/19/2014 0.900% 08/12/2016								
	08/21/15	08/21/15	HONDA ABS 2015-2 A3	43813NAC0	285,000.00	0.00	247.00	247.00			
			DTD 05/20/2015 1.040% 02/21/2019								
	08/22/15	08/22/15	CITIBANK ABS 2014-A2 A2	17305EFN0	300,000.00	0.00	1,530.00	1,530.00			
			DTD 03/05/2014 1.020% 02/22/2019								
	08/26/15	08/26/15	JPMORGAN CHASE & CO GLOBAL NOTES	46623EJ04	500,000.00	0.00	2,812.50	2,812.50			
			DTD 02/26/2013 1.125% 02/26/2016								
	08/26/15	08/26/15	PEPSICO INC GLOBAL NOTES	713448CE6	340,000.00	0.00	1,190.00	1,190.00			
			DTD 02/28/2013 0.700% 02/26/2016								
	08/28/15	08/28/15	FANNIE MAE GLOBAL NOTES	3135G0MZ3	1,475,000.00	0.00	6,453.13	6,453.13			
			DTD 07/20/2012 0.875% 08/28/2017								
<b>Transaction Type Sub-Total</b>					<b>11,630,764.84</b>	<b>0.00</b>	<b>49,276.74</b>	<b>49,276.74</b>			

<b>PAYDOWNS</b>											
	08/01/15	08/25/15	FNMA SERIES 2015-M3 FA	3136AMMCO	6,703.52	6,703.52	0.00	6,703.52	1.75	0.00	
			DTD 02/01/2015 0.420% 06/01/2018								
	08/01/15	08/25/15	FNMA SERIES M4 FA	3136AMTM1	108.31	108.31	0.00	108.31	0.03	0.00	
			DTD 03/01/2015 0.385% 09/01/2018								



**PFM Asset Management LLC**



**Managed Account Security Transactions & Interest**

For the Month Ending August 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
<b>PAYDOWNS</b>											
	08/15/15	08/15/15	FORD ABS 2014-C A2 DTD 11/25/2014 0.610% 08/15/2017	34530PAC6	45,564.48	45,564.48	0.00	45,564.48	21.36	0.00	
<b>Transaction Type Sub-Total</b>											
					<b>52,376.31</b>	<b>52,376.31</b>	<b>0.00</b>	<b>52,376.31</b>	<b>23.14</b>	<b>0.00</b>	
<b>Managed Account Sub-Total</b>											
					<b>(200,485.02)</b>	<b>(200,485.02)</b>	<b>49,248.72</b>	<b>(151,236.30)</b>	<b>23.14</b>	<b>0.00</b>	
<b>Total Security Transactions</b>											
					<b>(\$200,485.02)</b>	<b>(\$200,485.02)</b>	<b>\$49,248.72</b>	<b>(\$151,236.30)</b>	<b>\$23.14</b>	<b>\$0.00</b>	





**Cash Expenditures  
August 2015**

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

<u>Type</u>	<u>Payee</u>	<u># Inv</u>	<u>Purpose</u>	<u>Amount</u>
<b>CIP EXPENSES</b>				
	Adler Tank Rentals	2	Conveyance Project Transport of Tank	\$ 1,980.00
	Affinity Engineering	1	2015 Arc Flash	3,510.00
	Ahlstrom Construction	3	Inspection Fees	10,920.00
	Area West Engineers	2	CIP Engineering Services	10,060.00
	Brown & Caldwell	5	CIP Engineering Services	15,745.33
	Central Valley Engineering & Asphalt	1	Asphalt Repairs to Well Sites	25,200.00
	Coughran Mechanical	1	Gas Engine Controller	3,381.35
	County of Sacramento	1	Rutland Plan Fees	950.00
	County of Sacramento Public Works	9	Inspection Fees	16,755.52
	Crusader Fencing	1	Well Site Fencing	3,660.78
	DCM Group	2	Antelope Pump Back Project	2,193.28
	Domco	3	Plumbing Services - Field	1,174.00
	Domenichelli & Associates	5	Antelope Pump Back Project	66,983.81
	Doug Veerkamp General Engr	3	2015 Santa Anita Main Replacement Ph 2	254,527.07
	Doug Veerkamp General Engr	2	Fiar Oaks Estates	147,805.00
	ERC Contracting	2	Santa Anita Construction Management	11,935.00
	Flowline	1	Meter Retrofit Project/2014 Retention	163,080.96
	Geospace Technologies	1	Large Meter and 3" AMI Conversion	1,958.85
	GM Construction	1	Distribution Major Repairs	17,788.20
	GM Construction	2	Distribution System Improvements	26,716.00
	GM Construction	4	Voluntary Meter Project	3,200.00
	GM Construction	1	Large Meter Installation - Woodcreek Sierra	9,600.00
	Loewen Pump Maintenance	1	Well Rehabilitation/Video Surveys	6,000.00
	National Meter and Automation	1	Strainer for Pump Station	929.80
	Paul Bossenmaier	1	Easement Acquisition	1,200.00
	Performance Piping	2	Storm Drain Improvements	3,195.87
	Prodigy Electric	1	48" MOV Conveyance Pipeline	7,086.64
	R&B Company	7	Pipe Material for Fair Oaks Estates Main Repl.	12,309.10
	Rawles Engineering	11	Hydrant Replacement/Large Meter Replacement	69,018.47
	River City Painting	1	Painting of District Properties/Graffiti	990.00
	SMUD New Services Division	1	Plan Evaluation Deposit	5,000.00
	Technoflo	1	Flow Meter Improvements	4,913.18
	TESCO	1	SCADA	3,838.00
	Tetra Tech Inc	2	ADA Compliance	10,595.00
	Wood Rodgers Engineering	2	Rutland Well Engineering	2,590.00
<b>INVENTORY AND CIP SUPPLIES</b>				
	Armorcast	2	Inventory/CIP Supplies	16,167.55
	Badger Meter	6	Inventory/CIP Supplies	957.24
	Corix	8	Inventory/CIP Supplies	12,704.12
	Ferguson/Groeniger	1	Inventory/CIP Supplies	453.60
	HD Supply	1	Inventory/CIP Supplies	255.83
	Pace Supply Corporation	2	Inventory/CIP Supplies	1,907.14
<b>OPERATING CAPITAL EXPENSES</b>				
	CDWG	5	Computer/Technical Materials	52,513.98
	River City Painting	2	Building Maintenance	12,400.00
	Sandy Davis Floor Designs	4	Carpet - Marconi	23,321.00
	Sophos Solutions	3	Data Capture Enhancement	3,255.00

**Sacramento Suburban Water District  
Cash Expenditures**

August-15

<u>Type</u>	<u>Payee</u>	<u># Inv</u>	<u>Purpose</u>	<u>Amount</u>
	Spanda Industrial	1	Marconi Building Improvements	25,036.80
	Tel-Data	2	Network Cabling - Suite 300	18,243.03
	Traffic Management Group	1	Speed Radar Trailer	10,546.20
<b>WATER COSTS</b>				
	City of Sacramento	2	Water	28,434.54
	Sierra Chemical Company	5	Treatment Chemicals	34,588.82
	SMUD	9	Electrical Utility Services	406,737.34
<b>OPERATIONS &amp; MAINTENANCE</b>				
	A&A Stepping Stone Inc	1	Top Soil	82.62
	Accenet	1	Office Supplies	36.07
	ACWA/JPIA Insurance Authority	1	EAP Program	154.33
	Advanced Integrated Pest Management	5	Pest Control Services	462.50
	AFLAC	1	Supplemental Insurance Plan	850.76
	Airgas USA LLC	2	Field Supplies	442.18
	All Phase Construction	1	Hydrant Meter Deposit Return	2,239.50
	All Pro Backflow	3	Backflow Testing Services	3,554.00
	American River Parkway Foundation	1	Fall Cleanup	600.59
	Answernet/Signius	1	Answering Service	392.47
	AT&T Calnet2	5	Phone Service	4,846.21
	Atlas Disposal	2	Trash Removal Services	401.52
	Bar-Hein	1	Maintenance Supplies	79.97
	Bay Alarm Co	1	Alarm Services	116.55
	Breault Asphalt Maintenance	1	Hydrant Meter Deposit Return	2,285.70
	Brian Henson	1	Backflow Testing Services	1,620.00
	Brower Mechanical	9	HVAC Maintenance	2,513.00
	BSK Analytical Services	1	Lab Testing	1,595.00
	Bud's Tri County Tree Service	1	Tree Removal Services	2,875.00
	Burt's Lawn and Garden Service	6	Pump Site Maintenance	3,659.50
	CA Pavement Maintenance	1	Hydrant Meter Deposit Return	2,252.92
	Capitol Elevator Company	2	Monthly Elevator Service Contract	216.00
	Capital City Asphalt	1	Asphalt Repairs - Various	20,330.00
	CINTAS	13	Uniforms and Janitorial Supplies - Walnut	2,575.16
	City of Citrus Heights	2	Facility Use	106.20
	Clear Vision Window Cleaning	1	Building Maintenance	225.00
	Comcast	1	Cable - Marconi	32.18
	Consolidated Communications	1	Telephone Services - Antelope	384.98
	County of Sacramento Environmental	2	Annual Permit Fees	1,134.00
	County of Sacramento Utilities	5	Monthly Utilities	906.77
	Customer Rebates	21	Rebate Programs	4,412.00
	Customer Refunds	104	Customer Refunds	54,066.23
	Culligan	1	Water System - Walnut	70.00
	Dan Bills	1	Employee Education	85.00
	Databank IMX	1	Licensing Renewal	666.66
	David Espinoza	1	AWWA Conference Attendance	89.55
	DST Output	15	Billing Production Processing & Postage	40,010.91
	EG News	1	Conservation Ad	330.00
	Element Payment Services	2	Monthly Credit Card Processing Online	766.27
	Emigh Hardware	5	Field Supplies	115.14

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

<u>Type</u>	<u>Payee</u>	<u># Inv</u>	<u>Purpose</u>	<u>Amount</u>
<b>OPERATIONS &amp; MAINTENANCE</b>				
	Employment Development Dept	1	Unemployment Claim	663.00
	Employee Relations Network	1	HR Services	391.55
	Eurofins Eaton Analytical	6	Water Quality Lab Services	1,560.00
	Federal Express Corporation	1	Express Shipping	243.01
	Fleet Wash	2	Vehicle Maintenance	654.50
	Franchise Tax Board	2	Garnishment	800.00
	Frederick Gayle	1	Cap to Cap 2015	287.34
	Future Ford	1	Vehicle Maintenance	33.64
	GM Construction	6	Misc Distribution Repairs	7,563.00
	Government Finance Officers Assoc	2	Annual Dues	215.00
	Greg Bundesen	1	CUWCC Conference	162.59
	Griffin Janitorial	1	Janitorial Services	3,033.00
	Hach Company	2	Production Supplies	219.43
	Harrington Plastics	4	Production Supplies	6,871.26
	Harrold Ford	6	Vehicle Maintenance	3,916.10
	HDR Engineering	1	Update District's Facility Development Charges	4,686.30
	In Communications	1	Communication Services/Conservation	19,492.50
	Inside Publications	1	Conservation Ad	818.00
	Iron Mountain Offsite Data Storage	1	Offsite Data Storage	368.50
	Joe Crockett	2	Safety Shoe Reimb/Certification Reimb	475.71
	Kyle Jividen	1	Safety Shoe Reimbursement	222.95
	Labor Ready	3	Field Temp	1,723.92
	Lake Vue Electric Inc	1	Building Maintenance	65.00
	Les Schwab Tire Center	5	Vehicle Maintenance	1,538.53
	Lifeguard First Aid	2	Replenish First Aid Kits	341.62
	Magnus Pacific	1	Hydrant Meter Deposit Return	2,278.00
	McGuire and Hester	1	Hydrant Meter Deposit Return	2,286.80
	Michael Phillips Landscape Corp	4	Landscape Services	7,705.00
	Mr Rooter Plumbing	1	Plumbing Services	617.56
	Neil Schild	1	Misc Mileage	34.50
	Newberry's Mobile Locksmith	1	Locksmith Services	826.67
	Office Depot	12	Office Supplies	1,368.78
	Pacific Copy & Print	1	Printing Services	759.51
	Paladin Private Security	1	Private Security Services After Hours	460.00
	PERS Long Term Care	1	Di Pietro LTC	1,657.49
	Peterson, Brustad Inc	1	SPCC Plan	840.55
	PG&E	2	Gas Utility Service	272.08
	Pitney Bowes Postage	1	Bulk Postage	18,000.00
	Power Direct	1	Direct Message Delivery System	3,758.44
	Rachel Middlestead	2	Employee Education	456.90
	Ray Morgan Co	3	Copier Maintenance	1,943.87
	Regional Water Authority	2	Cal Fed Grant, Watersmart Grant - Mgt	13,191.14
	Robert Roscoe	1	Expense Reimbursement	44.00
	Ron Turley Associates Inc	1	Annual Maintenance Contract	1,654.00
	Rue Equipment Inc.	7	Equipment Maintenance	510.09
	Sacramento LAFCO	1	Annual Subscription	7,327.00
	Sacramento Metro Chamber	1	Annual Membership/Dues	1,190.00
	Sacramento Mobile Drug Testing	1	DOT Program	235.00
<b>OPERATIONS &amp; MAINTENANCE</b>				

**Sacramento Suburban Water District  
Cash Expenditures**

**August-15**

<u>Type</u>	<u>Payee</u>	<u># Inv</u>	<u>Purpose</u>	<u>Amount</u>
	Sacramento Suburban Water/Petty Cash	1	Petty Cash Reimbursement	173.13
	Shred-It	1	Shredding Services	81.11
	Signs in One Day	1	District Signage	162.00
	Song Dang	1	Safety Shoe Reimbursement	199.77
	Sonitrol	2	Alarm Services	1,480.25
	Sophos Solutions	1	IT Management Support	8,215.00
	State Water Resource	1	NPDES Permit	2,062.00
	Standard & Poors	1	Annual Dues	2,000.00
	Sutter Medical Foundation	1	Preemployment Physicals	422.00
	The Brenda Davis Law Group	2	Legal Services - Water Rights	20,410.00
	Thompson S & S	2	Vehicle Repairs	4,648.15
	Tina Lynn Design	5	Product Design Services	1,232.53
	Tom Dickinson	1	Certification Reimbursement	260.00
	Trench Plate Rental	1	Distribution Supplies	605.40
	Underground Service Alert	1	Annual Dues	2,054.16
	United Parcel Service	2	Shipping Services	8.60
	US Bank Corporate Payment	1	Calcard/Visa	5,933.94
	Valley Community Newspaper	1	Conservation AD	300.00
	Valley Redwood & Yard Supply	2	Top Soil	82.08
	Verizon Wireless	2	Cell Service	3,020.77
	Vision Internet Providers	1	Internet Support	220.50
	Voyager Fleet Systems	1	Fuel	9,284.13
	Waste Management	2	Garbage Service	357.64
	Watertrax	1	Annual Membership/Dues	17,856.84
	Water Wise Consulting	2	Water Wise House Calls	12,365.01
	Wells Sweeping	1	Monthly Maintenance/ Annual Cleaning	88.75
<b>DEBT SERVICE EXPENSES</b>				
	Wells Fargo Swap	1	COP Payments	74,271.36
	Sumitomo Mitsui Banking Corp.	1	COP Payments	572.20
	Union Bank of California	2	Financial Services	6,940.00
<b>LEGAL &amp; AUDIT</b>				
	Bartkiewicz, Kronick & Shanahan	1	Legal	8,959.46
<b>PAYROLL , PENSION &amp; BENEFITS</b>				
	ADP	2	August Payroll	370,914.00
	ADP	2	Payroll Processing Fees	1,826.85
	PERS Pension	2	July Contribution	31,992.19
	ACWA/JPIA Insurance/EAP	1	Employee Assistance Program	154.33
	Ameritas/Vision	1	Vision Insurance	1,788.72
	CIGNA Healthcare	1	Life/LTD	3,413.18
	CIGNA - Dental Insurance	2	Dental Insurance	11,074.01
	PERS Health	1	PERS Health Insurance	86,473.33
<b>BANK CHARGES</b>				
	Westamerica Analysis Fees	1	Analysis Charge	621.70
	Wells Fargo Credit Card Processing Staterr	1	Credit Card Processing Charges	8,587.62
<b>EMPLOYEE RETENTION/MORALE FUND</b>				
	American Express	1	Safety BBQ	407.25
<b>Total Cash Expenditures</b>				<b>\$ 2,556,772.38</b>

**Credit Card Expenditures  
August 2015**

Sacramento Suburban Water District  
 US Bank Purchasing Card Program  
 CalCard Expenditures  
 August-15

Type	Vendor	Purpose	Cost	
<b>CIP Expenses</b>				
	Harbor Freight	Conveyance Pipeline Chlor/Dechlor	52.89	SC15-019C
	Harbor Freight	Conveyance Pipeline Chlor/Dechlor	64.78	SC15-019C
	Harbor Freight	Conveyance Pipeline Chlor/Dechlor	32.39	SC15-019C
<b>OPERATIONS &amp; MAINTENANCE</b>				
	Flashpoint Studios	Messages on Hold	79.00	04-54506
	SacBee Advertising	Conservation Outreach	1,127.48	19-53001
	Watersmart	2015 Conference	395.00	13-55001
	GCIIRON.com	Pump Repair	111.90	12-54004
	Southwest	Conference Airfare	622.00	13-55001
	Southpoint Hotel	Water Smart Conference Accomodations	77.28	13-55001
	Hach	Production Supplies	327.08	06-52101
	Sacramento County	Hazardous Waste Disposal	170.70	12-54010
	Lowe's	Kick Plates	86.23	12-54008
	Amazon	Kick Plates	83.78	12-54008
	Sign Up	Banner Installation	375.00	12-54008
	Lowe's	Kick Plate Return	(86.23)	12-54008
	Pep Boys	Vehicle Supplies	17.46	12-54006
	Maverick Mower Supply	MQ Pump Repair	75.32	12-54004
	etrailer.com	Equipment Supplies	111.75	12-54004
	Mar Parking Sign	Handicap Parking Signage	53.90	12-54008
	WTFarley.com	Building Maintenance	52.93	12-54008
	Kelly-Moore Paint Co.	Building Maintenance	20.35	12-54008
	Emigh Hardware	Cooling Fan Well N7	14.03	06-52101
	Target	Replenish PPE Supplies	60.27	05-52101
	Onsitesupplyonline.com	Replenish PPE Supplies	309.60	05-52101
	Nationalseminars.com	Employee Training	149.25	06-51406
	Amazon	Marconi Kitchen Supplies	53.40	05-52108
	FCCCHR.USC.edu	Employee Training	53.00	06-52502
	Smart & Final	Replenish Kitchen Supplies	138.94	05-52108
	Home Depot	Replenish Storeroom Supplies	257.01	05-52101\$73.97 08-52101 \$52.8
	Geotech Environmental	Teflon Bailers	248.97	06-52101
	Bravo Sports	Replacement Wheeled Bag	34.89	07-52101
	PayPal	ASCE Regional Lunch Meeting	30.00	02-51406
	Office Depot	Office Supplies	183.59	02-52108
	CSDA	Conference Registration	550.00	01-55001
	<b>Employee Morale Fund</b>			
			<b><u>5,933.94</u></b>	

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



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

Director Locke:

Director Schild:  
08/13/2015 SGA Board Meeting  
08/17/2015 SSWD Regular Board Meeting  
08/21/2015 Govt. Affairs Sub-Committee (no pay)  
08/28/2015 Finance Sub-Committee Meeting

Director Weichert:

Director Gayle:

Director Thomas:

08/06/2015 San Juan WD Special Meeting  
08/12/2015 San Juan WD Board Meeting  
08/17/2015 SSWD Regular Board Meeting  
08/24/2015 Meeting with GM

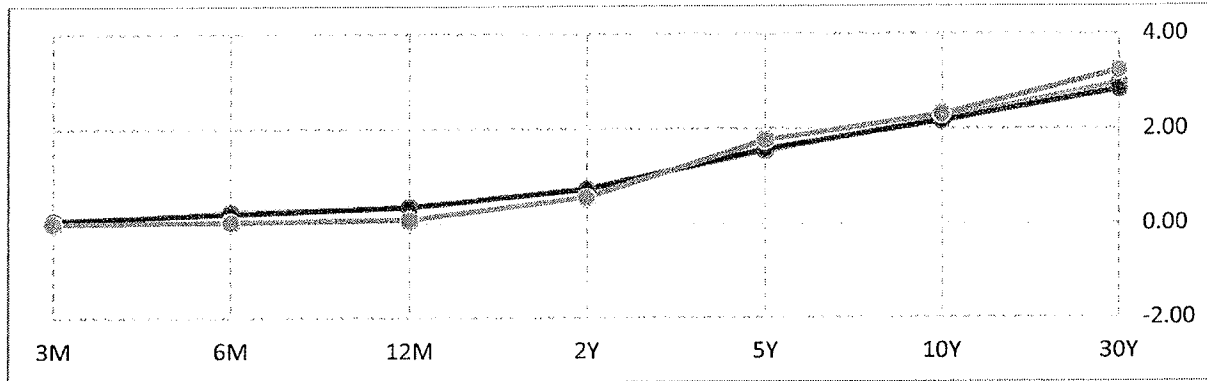
(1) Meetings during the current month reported by individual directors.  
This report meets the reporting requirements of Government Code section 53065.5. This information will be included with the agenda materials for each regular monthly Board of Directors meeting.



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

**Sacramento Suburban Water District**  
**United States Treasury and Federal Reserve Yields/Rates**  
**As of: September 9, 2015**  
**(Source: Bloomberg Market Data)**

## US Treasury Yields



Tenor	Coupon	Price	Yield	1 Month	1 Year	Time
3 Month	0.0000	0.0250	0.03%	-4	+2	2015-09-09
6 Month	0.0000	0.2500	0.25%	+5	+21	2015-09-09
12 Month	0.0000	0.3550	0.36%	+1	+27	2015-09-09
2 Year	0.6250	99.7734	0.74%	+2	+19	2015-09-09
5 Year	1.3750	99.2578	1.53%	-4	-23	2015-09-09
10 Year	2.0000	98.2188	2.20%	+4	-30	2015-09-09
30 Year	2.8750	98.2969	2.96%	+14	-27	2015-09-09

Change shown in basis points

## Federal Reserve Rates

Rate	Current	1 Year Prior	Rate	Current	1 Year Prior
Fed Funds Rate	0.14	0.07	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>7/31/2015</u>	<u>SSWD Holdings</u>	<u>ML 0-5 Year UST Index</u>
Under 6 Months	1.9%	8.3%
6 - 12 Months	14.9%	12.6%
1 - 2 Years	25.8%	25.6%
2 - 3 Years	32.5%	19.9%
3 - 4 Years	13.9%	16.2%
4 - 5 Years	11.0%	17.4%
<b>TOTAL</b>	<b>100.0%</b>	<b>100.0%</b>

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

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

**District Reserve Balances  
August 31, 2015**

**Sacramento Suburban Water District  
Reserve Fund Balance**

	<u>August 31, 2015</u>	<u>December 31, 2014</u>
Debt Service Reserve	\$ 3,551,542	\$ 3,540,082
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	21,392,460	17,499,665
<b>TOTAL</b>	<u><u>\$ 48,723,237</u></u>	<u><u>\$ 44,812,477</u></u>

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

	<u>August 31, 2015</u>	<u>December 31, 2014</u>
Cash and cash equivalents	\$ 6,493,397	\$ 1,313,305
Investments	38,678,298	39,959,090
Restricted assets	3,551,542	3,540,082
<b>TOTAL</b>	<u><u>\$ 48,723,237</u></u>	<u><u>\$ 44,812,477</u></u>



## **Information Required by Bond Agreement**

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

	<b>Actual Year-To-Date 8/31/2015</b>	<b>Budget Year-To-Date 8/31/2015</b>
<b>REVENUES</b>		
Water sales charges	\$10,956,083.27	\$13,240,000.00
Capital facilities charge	14,148,324.33	14,286,666.00
Facility development charges	523,936.00	133,334.00
Interest and investment income	400,839.65	400,000.00
Rental & other income	195,353.25	198,896.00
<b>TOTAL REVENUES</b>	<b>26,224,536.50</b>	<b>28,258,896.00</b>
 <b>EXPENSES</b>		
Source of supply	35,695.22	84,104.00
Pumping	2,848,997.72	3,211,977.60
Transmission and distribution	1,754,231.93	2,078,639.16
Water conservation	317,928.56	381,716.60
Customer accounts	762,696.15	895,287.36
Administrative and general	3,914,583.51	4,607,565.44
Other expenses	73.94	
<b>TOTAL EXPENSES</b>	<b>9,634,207.03</b>	<b>11,259,290.16</b>
<b>NET REVENUE</b>	<b>16,590,329.47</b>	<b>16,999,605.84</b>

**Sacramento Suburban Water District  
6 - Months Debt Service Schedule  
8/31/2015**

Month	Total SSWD Debt Service					Debt Service
	Principal	Interest Adjustable/Fixed/Swap	Facility Fee	Remarketing		
Sept-15	\$ -	\$ 83,180.14	\$ 47,250.00	\$ 13,125.00		\$ 143,555.14
Oct-15	3,795,000.00	1,271,317.64	-	-		5,066,317.64
Nov-15	-	83,180.14	-	-		83,180.14
Dec-15	-	83,180.14	47,250.00	13,125.00		143,555.14
Jan-16	-	83,180.14	-	-		83,180.14
Feb-16	-	83,180.14	-	-		83,180.14

Month	Series 2012A Fixed Rate Bonds (\$23,440,000.00)					Debt Service
	Principal	Interest - Fixed 4.25%				
Sept-15	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Oct-15	1,925,000.00	490,487.50	-	-	-	2,415,487.50
Nov-15	-	-	-	-	-	-
Dec-15	-	-	-	-	-	-
Jan-16	-	-	-	-	-	-
Feb-16	-	-	-	-	-	-

Month	Series 2009A Adjustable Rate COPs (\$42,000,000.00)					Debt Service
	Principal	Interest, Adjustable 0.01%	Facility Fee 0.450%	Remarketing 0.125%		
Sept-15	\$ -	\$ 350.00	\$ 47,250.00	\$ 13,125.00		\$ 60,725.00
Oct-15	-	350.00	-	-		350.00
Nov-15	-	350.00	-	-		350.00
Dec-15	-	350.00	\$ 47,250.00	\$ 13,125.00		60,725.00
Jan-16	-	350.00	-	-		350.00
Feb-16	-	350.00	-	-		350.00

Month	Series 2009B Fixed Rate COPs (\$27,915,000)					Debt Service
	Principal	Interest - Fixed 5.00%				
Sept-15	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Oct-15	1,870,000.00	697,650.00	-	-	-	2,567,650.00
Nov-15	-	-	-	-	-	-
Dec-15	-	-	-	-	-	-
Jan-16	-	-	-	-	-	-
Feb-16	-	-	-	-	-	-

Month	2012 SWAP Interest, Net (\$33,000,000.00)					Debt Service
	Principal	Interest, Swap Net (3.283-0.11813-0.18)%				
Sept-15		\$ 82,830.14	-	-		82,830.14
Oct-15		\$ 82,830.14	-	-		82,830.14
Nov-15		\$ 82,830.14	-	-		82,830.14
Dec-15		\$ 82,830.14	-	-		82,830.14
Jan-16		\$ 82,830.14	-	-		82,830.14
Feb-16		\$ 82,830.14	-	-		82,830.14