



# S A W P A

SANTA ANA WATERSHED PROJECT AUTHORITY  
11615 Sterling Avenue, Riverside, California 92503 • (951) 354-4220

## REGULAR COMMISSION MEETING TUESDAY, OCTOBER 18, 2016 – 9:30 A.M.

### AGENDA

1. CALL TO ORDER/PLEDGE OF ALLEGIANCE (Thomas P. Evans, Chair)

2. ROLL CALL

3. PUBLIC COMMENTS

Members of the public may address the Commission on items within the jurisdiction of the Commission; however, no action may be taken on an item not appearing on the agenda unless the action is otherwise authorized by Government Code §54954.2(b).

4. SPECIAL COMMENDATION

A. RIVERSIDE COUNTY FLOOD CONTROL AND WATER CONSERVATION DISTRICT – CERTIFICATES OF APPRECIATION

- Warren D. “Dusty” Williams, General Manager-Chief Engineer (retired)
- Jason E. Uhley, General Manager-Chief Engineer

5. CONSENT CALENDAR

All matters listed on the Consent Calendar are considered routine and non-controversial and will be acted upon by the Commission by one motion as listed below.

A. APPROVAL OF MEETING MINUTES: OCTOBER 4, 2016 ..... 5

**Recommendation:** Approve as posted.

B. TREASURER’S REPORT – SEPTEMBER 2016..... 11

**Recommendation:** Approve as posted.

C. REACH V REHABILITATION AND IMPROVEMENT PROJECT – PHASE I (CM#2016.93)..... 17

**Recommendation:** Find that the unfinished condition of the Reach V Rehabilitation and Improvement Project (the Project) after the termination for cause of the Project contractor continues to be an emergency that requires immediate action per the Commission’s prior action on August 2, 2016.

6. NEW BUSINESS

A. INLAND EMPIRE BRINE LINE REACH V REHABILITATION AND IMPROVEMENT PROJECT – PHASE 1 – TASK 1 AND 2 (CM#2016.92)..... 19

**Presenter:** David Ruhl

**Recommendation:** Authorize the General Manager to approve Change Order 2 to Task Order DUDK326-02 with Dudek for additional Engineering Services during Construction of the Inland Empire Brine Line Reach 5 Rehabilitation and Improvement Project – Phase 1 Task 1 and 2 for an amount not to exceed \$57,790.

**B. PROP 84 ROUND 1 AND ROUND 2 STATUS REPORT AND BUDGET UPDATE**

**Presenters:** Rich Haller | Nicole D. Weideman

**Recommendation:** Receive and file.

**7. INFORMATIONAL REPORTS**

**Recommendation:** Receive and file the following oral/written reports/updates.

- A. CASH TRANSACTIONS REPORT – AUGUST 2016..... 39  
**Presenter:** Karen Williams
- B. INTER-FUND BORROWING – AUGUST 2016 (CM#2016.90)..... 45  
**Presenter:** Karen Williams
- C. PERFORMANCE INDICATORS/FINANCIAL REPORTING – AUGUST 2016 (CM#2016.91)..... 49  
**Presenter:** Karen Williams
- D. SAWPA ROUNDTABLE STATUS REPORT FOR THE FIRST QUARTER ENDING SEPTEMBER 30, 2016..... 69  
**Presenter:** Mark Norton
- E. OWOW STATUS REPORT FOR THE FIRST QUARTER ENDING SEPTEMBER 30, 2016..... 81  
**Presenter:** Mark Norton
- F. GENERAL MANAGER’S REPORT
- G. STATE LEGISLATIVE REPORT ..... 85  
**Presenter:** Celeste Cantú
- H. SAWPA GENERAL MANAGERS MEETING NOTES ..... 115  
• October 11, 2016
- I. CHAIR’S COMMENTS/REPORT..... 117
- J. COMMISSIONERS’ COMMENTS
- K. COMMISSIONERS’ REQUEST FOR FUTURE AGENDA ITEMS

**8. CLOSED SESSION**

**A. CONFERENCE WITH LEGAL COUNSEL – EXISTING LITIGATION PURSUANT TO GOVERNMENT CODE SECTION 54956.9(d)(1)**

Name of Case: Spiniello Companies v. Charles King Company, Inc., Santa Ana Watershed Project Authority, The Ohio Casualty Insurance Company (Superior Court of Los Angeles BC616589)

**9. ADJOURNMENT**

**PLEASE NOTE:**

Americans with Disabilities Act: Meeting rooms are wheelchair accessible. If you require any special disability related accommodations to participate in this meeting, please contact (951) 354-4220 or kberry@sawpa.org. 48-hour notification prior to the meeting will enable staff to make reasonable arrangements to ensure accessibility for this meeting. Requests should specify the nature of the disability and the type of accommodation requested.

Materials related to an item on this agenda submitted to the Commission after distribution of the agenda packet are available for public inspection during normal business hours at the SAWPA office, 11615 Sterling Avenue, Riverside, and available at [www.sawpa.org](http://www.sawpa.org), subject to staff’s ability to post documents prior to the meeting.

**Declaration of Posting**

I, Kelly Berry, Clerk of the Board of the Santa Ana Watershed Project Authority declare that on Wednesday, October 12, 2016, a copy of this agenda has been uploaded to the SAWPA website at [www.sawpa.org](http://www.sawpa.org) and posted in SAWPA’s office at 11615 Sterling Avenue, Riverside, California.

/s/

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Kelly Berry, CMC

**2016 - SAWPA Commission Meetings/Events**

First and Third Tuesday of the Month

(NOTE: Unless otherwise noted, all Commission Workshops/Meetings begin at **9:30 a.m.**, and are held at SAWPA.)

<b>July</b>	<b>August</b>
7/5/16 Commission Workshop	8/2/16 Commission Workshop
7/19/16 Regular Commission Meeting	8/16/16 Regular Commission Meeting
<b>September</b>	<b>October</b>
9/6/16 Commission Workshop	10/4/16 Commission Workshop
9/20/16 Regular Commission Meeting	10/18/16 Regular Commission Meeting
<b>November</b>	<b>December</b>
11/1/16 Commission Workshop	12/6/16 Commission Workshop
11/29 – 12/2/16 ACWA Fall Conference, Anaheim	12/20/16 Regular Commission Meeting
11/15/16 Regular Commission Meeting	

**2017 SAWPA Commission Meetings/Events**

First and Third Tuesday of the Month

(NOTE: Unless otherwise noticed, all Commission Workshops/Meetings begin at **9:30 a.m.** and are held at SAWPA.)

<b>January</b>	<b>February</b>
1/3/17 Commission Workshop	2/7/17 Commission Workshop
1/17/17 Regular Commission Meeting	2/21/17 Regular Commission Meeting
<b>March</b>	<b>April</b>
3/7/17 Commission Workshop	4/4/17 Commission Workshop
3/21/17 Regular Commission Meeting	4/18/17 Regular Commission Meeting
<b>May</b>	<b>June</b>
5/2/17 Commission Workshop	6/6/17 Commission Workshop
5/9 – 5/12/17 ACWA Spring Conference, Monterey	6/20/17 Regular Commission Meeting
5/16/17 Regular Commission Meeting	
<b>July</b>	<b>August</b>
7/4/17 No Meeting (Independence Day)	8/1/17 Commission Workshop
7/18/17 Regular Commission Meeting	8/15/17 Regular Commission Meeting
<b>September</b>	<b>October</b>
9/5/17 Commission Workshop	10/3/17 Commission Workshop
9/19/17 Regular Commission Meeting	10/17/17 Regular Commission Meeting
<b>November</b>	<b>December</b>
11/7/17 Commission Workshop	12/5/17 Commission Workshop
11/21/17 Regular Commission Meeting	12/19/17 Regular Commission Meeting
11/28 – 12/1/17 ACWA Fall Conference, Anaheim	

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**SAWPA COMMISSION  
REGULAR MEETING MINUTES  
OCTOBER 4, 2016**

**COMMISSIONERS PRESENT**

Thomas P. Evans, Chair, Western Municipal Water District  
Ed Killgore, Vice Chair, San Bernardino Valley Municipal Water District  
Ronald W. Sullivan, Secretary-Treasurer, Eastern Municipal Water District  
Phil Anthony, Orange County Water District  
Terry Catlin, Inland Empire Utilities Agency

**COMMISSIONERS ABSENT**

None

**ALTERNATE COMMISSIONERS  
PRESENT; NON-VOTING**

Jasmin Hall, Alternate, Inland Empire Utilities Agency  
Steve Copelan, Alternate, San Bernardino Valley Municipal Water District

**STAFF PRESENT**

Celeste Cantú, Rich Haller, Larry McKenney, Mark Norton, Karen Williams, Dean Unger, David Ruhl, Carlos Quintero, Nicole Weideman, Rick Whetsel, Ian Achimore, Kelly Berry

The Regular Commission Meeting of the Santa Ana Watershed Project Authority was called to order at 9:30 a.m. by Chair Evans at the Santa Ana Watershed Project Authority, 11615 Sterling Avenue, Riverside, California.

**1. CALL TO ORDER/PLEDGE OF ALLEGIANCE**

**2. ROLL CALL**

Roll call was duly noted and recorded by the Clerk of the Board.

**3. PUBLIC COMMENTS**

There were no public comments.

**4. SPECIAL COMMENDATION**

**A. WELCOME NICOLE D. WEIDEMAN, P.E. – QUALITY CONTROL MANAGER**

Rich Haller introduced Nicole D. Weideman who was welcomed by the Commission as the new Quality Control Manager.

**5. CONSENT CALENDAR**

**A. APPROVAL OF MEETING MINUTES: SEPTEMBER 20, 2016**

**Recommendation:** Approve as posted.

**B. USE OF BUILDING RESERVE FUNDS FOR REPLACEMENT OF ONE AIR  
CONDITIONING UNIT (CM#2016.85)**

**Recommendation:** Authorize the use of \$7,300 from the Building Reserve Fund to replace one air conditioning unit (Unit 11).

**C. REACH V REHABILITATION AND IMPROVEMENT PROJECT – PHASE I (CM#2016.84)**

**Recommendation:** Find that the unfinished condition of the Reach V Rehabilitation and Improvement Project (the Project) after the termination for cause of the Project contractor continues to be an emergency that requires immediate action per the Commission's prior action on August 2, 2016.

**MOVED**, approve the Consent Calendar.

Result: **Adopted (Unanimously; 5-0)**  
Motion/Second: Anthony/Catlin  
Ayes: Anthony, Catlin, Evans, Killgore, Sullivan  
Nays: None  
Abstentions: None  
Absent: None

## 6. NEW BUSINESS

### A. SAWPA BUSINESS LINE EVALUATION – INLAND EMPIRE BRINE LINE (CM#2016.89)

Rich Haller provided a PowerPoint presentation on the Inland Empire Brine Line Processes, Activities, and Tasks (PATs). A printout of tables contained on pages 21 and 23 of the agenda packet was provided; revisions had been made to the table contained on page 23 subsequent to the posting of the agenda.

The IEBL PATs were broken down into the following categories:

1. Marketing Plan. Staff anticipates utilizing consultant services relative to preparation and implementation of a marketing plan to maximize use of the IEBL and salt removal. Fixed costs allocated to more volume will reduce unit cost.
2. Business Plan. Staff anticipates utilizing consultant services relative to preparation of a business plan, forecasting requirements, expenses, flows, financial resources, rate model update, billing procedure, performance metrics, data requirements, permits, etc.
3. Sewer System Management Plan. O&M requirements defined, no overflows, implementation of annual program, Collection Station operations, data collection, analysis, adjustments to program.
4. Communications. Automation of processes, web based information and data, customer feedback, coordination with OCSD, COE, cities, flood control agencies, property owners (easements).

Relative to IEBL maintenance, Haller noted the age of the majority of the pipeline is 41-24 years old and reviewed the following Maintenance Plan:

1. Emphasis on Reducing SSO Events. Overall, the SSO trend since 2013 reflects a decrease in SSO events with only one SSO event during the last fiscal year, which was contractor caused.
  - Air/vac valve refurbishment (55)
  - Development of air/vac auto controller
  - At-grade air/vac secondary containment
  - Access door added to air/vac enclosure (completed)
2. Preventative Maintenance Deferred – Backlog
  - Maintenance Access Structures (MAS): 105 of 409 inspected in FY 2016
    - Findings: broken lid bolts, unsecure, required liner repairs
  - Potholing for line location confirmation – Reach V overland alignment/inaccurate as-built drawings
  - Increased rate of scale accumulation due to reduced blending sources (domestic wastewater)

3. Increasing Dig-Alert Workload. Overall DigAlert tickets have increased, almost doubling since 2013 with close to 6,000 during the last fiscal year.

Haller reviewed the revised table titled *Brine Line Process, Activity, or Task* provided as a handout to the Commission and members of the public. Page 1 of the table set forth the required number of labor hours necessary for “A” level service by quarter over the next five years. Page 2 of the table set forth the difference between budgeted and required hours, documenting the shortfall of required field operations staff per Fiscal Year. A shortfall of 930 field operations staff hours was identified, which supports that SAWPA is in need of one additional fulltime field operations staff member. Field operations staff also support the sampling program, based on OCSO requirements, so one half of one full time field operations staff has already been allocated to the sampling program. With an additional full time field operations staff position, SAWPA could fully implement the Preventive Maintenance program and reduce the referenced backlog of repair work.

Next steps include continued evaluation of the PATs as part of the budget process, assessing cost savings, benefits and any impact to rates. Staff will bring forward to the Commission a scope of work to release an RFP for both the Marketing Plan and Business Plan at a future meeting.

Chair Evans commended Haller on his presentation and the reduction in SSO events. The key moving forward is addressing the resource requirements during the budget process. The process of hiring consultants for the Marketing and Business Plans should be addressed as soon as possible.

This item was for informational purposes; no action was taken on Agenda Item No. 6.A.

**B. UPDATE ON ACWA LEGAL AFFAIRS COMMITTEE REQUESTS FOR ASSISTANCE**

Larry McKenney provided an oral report on two matters in which the ACWA Legal Affairs Committee is supporting the preparation of amicus briefs related to rate challenges by referendum and copper pipe pinhole leaks.

This item was for informational purposes; no action was taken on Agenda Item No. 6.B.

**C. RIVERSIDE LAND CONSERVANCY – PRIDE OF PLACE IN THE GREAT OUTDOORS GALA AND LOCAL GOVERNMENT ENVIRONMENTAL EXCELLENCE AWARD**

Celeste Cantú advised the Riverside Land Conservancy will be holding its third annual fundraising gala, *Pride of Place in the Great Outdoors* on Thursday, October 20, 2016. SAWPA will be honored by the RLC as one of the environmental awardees and presented with the Local Government Environmental Excellence Award. Commissioners interested in attending should contact Celeste Cantú.

**D. 2017 MEDICAL INSURANCE CAP (CM#2016.88)**

Historically, SAWPA has set the medical insurance cap to the lower of the Kaiser or Blue Cross family rate. The ACWA/JPIA 2017 Medical Plan Rates applicable to the Southern California region are as follows:

Anthem Blue Cross [HMO] Standard Family Rate:	\$1,945.74
Kaiser [HMO]:	\$1,505.65

The current medical cap for January – December 2016 is \$1,470.64, which represented a 0.3% increase from the 2015 plan year. Adjusting the medical cap to \$1,505.65 for the January – December 2017 plan year will represent a 2.4% increase from the 2016 plan year.

Staff was directed to provide plan information for these benefits and conduct a comparison benefits study with member agencies.

**MOVED**, staff is directed to adjust the medical insurance cap to \$1,505.65, which reflects the ACWA/JPIA 2017 Kaiser Family Plan rate.

Result: **Adopted (Unanimously; 5-0)**  
Motion/Second: Sullivan/Anthony  
Ayes: Anthony, Catlin, Evans, Killgore, Sullivan  
Nays: None  
Abstentions: None  
Absent: None

**E. INVITATION TO SAWPA TO PARTICIPATE IN THE SANTA ANA RIVER PARKWAY AND OPEN SPACE PLAN TECHNICAL ADVISORY COMMITTEE (CM#2016.86)**

Ian Achimore provided a PowerPoint presentation on the Santa Ana River Parkway and Open Space Plan Technical Advisory Committee.

The California State Coastal Conservancy has invited SAWPA to participate in the Santa Ana River Parkway and Open Space Plan Technical Advisory Committee which will be a small group (20 or fewer members) including representation from non-profits, local public agencies, and state and federal partners engaged in the Santa Ana River Watershed. According to information provided by the California State Coastal Conservancy, the purpose of the Technical Advisory Committee is threefold:

1. Help identify priorities and values for the Santa Ana River Parkway and Open Space Plan
2. Identify project selection criteria and projects for inclusion in the Parkway Plan
3. Provide input and feedback on the Plan throughout its development

The Committee would meet for three half-day sessions in October 2016, March 2017 and June 2017; anticipated staff time would likely total 25 hours (15 hours for meetings; 10 hours for preparation and follow up). Membership in the Committee would enable SAWPA to assist in defining a shared vision of priorities for managing the Santa Ana River and its watershed, recreation and education opportunities, and continued support of water quality, water supply and flood control. Participation benefits include leveraging work done by the Committee for OWOW Plan updates and the Forest First Roundtable, maintaining SAWPA's reputation as a leader in watershed planning, and supporting Commissioner Anthony on the Santa Ana River Trail Policy Advisory Group (PAG). The purpose of this PAG is to work cooperatively to complete the Santa Ana River Trail, a 100-mile recreational trail along the Santa Ana River, which is a similar mission to the new Santa Ana River Parkway and Open Space Plan Technical Advisory Committee. This program was created and funded by SB 1390 (Correa).

**MOVED**, approve staff's participation in the Santa Ana River Parkway and Open Space Plan Technical Advisory Committee.

Result: **Adopted (Unanimously; 5-0)**  
Motion/Second: Catlin/Sullivan  
Ayes: Anthony, Catlin, Evans, Killgore, Sullivan  
Nays: None  
Abstentions: None  
Absent: None

**F. STORMWATER QUALITY STANDARDS TASK FORCE – REGIONAL WATER QUALITY MONITORING TASK FORCE AGREEMENT (CM#2016.87)**

Rick Whetsel provided a PowerPoint presentation. The County of Orange, San Bernardino County Flood Control District, Riverside County Flood Control and Water Conservation District their



member agencies, and constituent cities have requested SAWPA to administer the Regional Water Quality Monitoring Task Force. The purpose of the new Task Force is to implement a coordinated regional water quality monitoring program in the Santa Ana River watershed to meet the implementation plan requirements of the 2012 Basin Plan Amendment to Revise Recreation Standards for Inland Freshwaters in the Santa Ana Region. It is also intended that this Task Force will serve as a forum to assist the Regional Board with future triennial reviews of the Basin Plan.

Creation of this Task Force reflects the completion/conclusion of the Stormwater Quality Standards Task Force efforts and the establishment of a new task force to implement a regional monitoring program by the flood control districts in the Santa Ana River Watershed. The new monitoring program combines the separate and disparate bacteria monitoring programs of the three county flood control districts along with the existing bacteria monitoring program under the SAWPA-administered Middle SAR TMDL Task Force to eliminate redundancy and streamline reporting of regional monitoring efforts.

Benefits to SAWPA include: supports continuing mission to improve regional water quality; utilizes staff experience and expertise; continues partnership with the Santa Ana Regional Board; provides data, studies and project plans to support the OWOW Plan; consolidates multiple monitoring efforts to achieve economies of scale.

This effort is fully funded by the participating stakeholders, who will also pay for SAWPA's staff time and administration costs.

Commissioner Sullivan left the meeting at 10:39 a.m. and did not return; Sullivan was not present for the voting on Agenda Item No. 6.F.

**MOVED**, approve the Regional Water Quality Monitoring Task Force Agreement subject to nonsubstantive language changes and authorize the transfer of \$289,175 from fund 384-01 Middle Santa Ana River Pathogen TMDL Task Force to fund 386 Regional Water Quality Monitoring Task Force.

Result:	<b>Adopted (Unanimously; 4-0)</b>
Motion/Second:	Anthony/Killgore
Ayes:	Anthony, Catlin, Evans, Killgore
Nays:	None
Abstentions:	None
Absent:	Sullivan

## **7. INFORMATIONAL REPORTS**

**Recommendation:** Receive and file the following oral/written reports/updates.

### **A. CHAIR'S COMMENTS/REPORT**

Chair Evans reported on WMWD customer Altman Plants. They have a 640 acre state-of-the art property near Lake Matthews and are a notable example of a successful rebate partnership with a system that captures potable water used on their plants for recycling and repurposing. Their system has saved more water than the removal of turf from 1,700 front yards. Jim Hessler, Director of West Coast Operations at Altman Plants, serves as the Business Community Representative on the OWOW Steering Committee.

### **B. COMMISSIONERS' COMMENTS**

There were no Commissioners' comments.

### **C. COMMISSIONERS' REQUEST FOR FUTURE AGENDA ITEMS**

There were no Commissioner requests for future agenda items.

**8. CLOSED SESSION**

Larry McKenney noted the Commission would discuss Agenda Item No. 8.A., with no action anticipated. At 10:46 a.m., Chair Evans recessed the meeting to Closed Session. Designated personnel essential to the discussion of Agenda Item No. 8.A. were present during Closed Session.

**A. CONFERENCE WITH LEGAL COUNSEL – EXISTING LITIGATION PURSUANT TO GOVERNMENT CODE SECTION 54956.9(d)(1)**

Name of Case: Spiniello Companies v. Charles King Company, Inc., Santa Ana Watershed Project Authority, The Ohio Casualty Insurance Company (Superior Court of Los Angeles BC616589)

Chair Evans resumed Open Session at 11:06 a.m. There was no reportable action taken by the Commission during Closed Session.

**9. ADJOURNMENT**

There being no further business for review, Chair Evans adjourned the meeting at 11:06 a.m.

**Approved at a Regular Meeting of the Santa Ana Watershed Project Authority Commission on Tuesday, October 18, 2016.**

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Thomas P. Evans, Chair

Attest:

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Kelly Berry, CMC  
Clerk of the Board

*Santa Ana Watershed  
Project Authority*



**Finance Department**

Santa Ana Watershed Project Authority  
**TREASURER'S REPORT**

**September 2016**

During the month of September 2016, the Agency's actively managed temporary idle cash earned a return of 1.449%, representing interest earnings of \$15,734. Additionally, the Agency's position in overnight funds L.A.I.F. and CaTRUST generated \$17,400 and \$1,801 in interest, resulting in \$34,935 of interest income from all sources. Please note that this data represents monthly earnings only, and does not indicate actual interest received. There were two (2) investment positions purchased, zero (0) positions sold, zero (0) positions matured, and zero (0) positions were called.

This Treasurer's Report is in compliance with SAWPA's Statement of Investment Policy. Based upon the liquidity of the Agency's investments, this report demonstrates the ability to meet customary expenditures during the next six months.

October 12, 2016

Prepared and  
Submitted by: *Karen L. Williams*  
Karen L. Williams, Chief Financial Officer

*Santa Ana Watershed Project Authority*  
**INVESTMENT PORTFOLIO - MARKED TO MARKET - UNREALIZED GAINS & LOSSES**  
*September 30, 2016*

SAWPA primarily maintains a "Buy and Hold" investment philosophy, with all investments held by the Citizens Business Bank via a third-party safekeeping contract.

Investment Type	Security Type	CUSIP	Dealer	Purchase Date	Maturity Date	Call Date (if appl)	Par Value	Yield To Maturity	Investment Cost	Market Value Current Month	Unrealized Gain / (Loss)	Coupon Rate	Interest Earned
Agency	FHLMC	3137EACA5	WMS	03-27-14	03-27-19	No Call	\$500,000	1.790%	546,650.00	534,833.00	(11,817.00)	3.750%	\$ 735.62
Agency	FHLMC	3137EADCO	WMS	06-10-14	03-08-17	No Call	\$1,000,000	0.745%	1,006,919.00	1,002,333.00	(4,586.00)	1.000%	\$ 612.08
Agency	FHLMC	3137EADT3	WMS	11-18-15	02-22-17	No Call	\$500,000	0.652%	501,400.00	500,911.00	(489.00)	0.875%	\$ 267.76
Agency	FHLMC	3137EAEC9	WMS	09-16-16	08-12-21	No Call	\$1,000,000	1.335%	990,060.00	991,913.00	1,853.00	1.125%	\$ 512.04
Agency	FHLB	313379EE5	WMS	05-26-15	06-14-19	No Call	\$500,000	1.420%	504,015.00	508,368.00	4,353.00	1.625%	\$ 583.65
Agency	FHLB	3130A62S5	WMS	11-18-15	08-28-17	No Call	\$500,000	0.860%	499,030.00	500,427.50	1,397.50	0.750%	\$ 353.46
Agency	FHLB	313383HU8	WMS	06-16-16	06-12-20	No Call	\$1,000,000	1.080%	1,026,088.00	1,023,567.00	(2,521.00)	1.750%	\$ 887.69
Agency	FNMA	3135GOZA4	WMS	03-27-14	02-19-19	No Call	\$500,000	1.800%	501,975.00	511,344.50	9,369.50	1.875%	\$ 739.73
Agency	FNMA	3136G1GP8	WMS	03-27-13	03-27-18	03-27-15	\$1,000,000	1.000%	1,000,000.00	1,003,299.00	3,299.00	1.000%	\$ 821.92
Agency	FNMA	3135G0H55	WMS	12-28-15	12-28-20	No Call	\$1,000,000	1.830%	1,002,140.00	1,030,349.00	28,209.00	1.875%	\$ 1,504.12
Agency	FNMA	3135G0F73	WMS	06-16-16	11-30-20	No Call	\$1,000,000	1.150%	1,015,157.00	1,014,266.00	(891.00)	1.500%	\$ 945.21
Agency	USTN	912828A34	WMS	11-17-15	11-30-18	No Call	\$1,000,000	1.166%	1,002,500.00	1,009,648.00	7,148.00	1.250%	\$ 958.27
Agency	USTN	912828WC	WMS	11-17-15	10-31-20	No Call	\$1,000,000	1.638%	1,005,312.50	1,027,852.00	22,539.50	1.750%	\$ 1,346.17
Agency	USTN	912828G61	WMS	11-17-15	11-30-19	No Call	\$1,000,000	1.469%	1,001,210.94	1,018,438.00	17,227.06	1.500%	\$ 1,207.35
Agency	USTN	912828L32	WMS	06-17-16	08-31-20	No Call	\$500,000	1.030%	507,070.31	506,816.50	(253.81)	1.375%	\$ 423.42
Agency	USTN	912828L65	WMS	06-16-16	09-30-20	No Call	\$500,000	1.041%	506,992.19	506,660.00	(332.19)	1.375%	\$ 427.69
Agency	USTN	912828L99	WMS	06-16-16	10-31-20	No Call	\$500,000	1.051%	506,914.06	506,562.50	(351.56)	1.375%	\$ 431.71
CORP	Toyota Motor Credit Corp	89236TCP8	WMS	09-15-16	07-13-18	Call Date	\$500,000	1.100%	504,057.50	503,130.50	(927.00)	1.550%	\$ 226.04
CD	Discover	254671KV1	WMS	03-06-13	03-06-17	No Call	\$250,000	0.950%	250,000.00	250,244.85	244.85	0.950%	\$ 195.21
CD	BMW Bank	05568P2V8	TVI	03-08-13	03-08-17	No Call	\$248,000	0.850%	248,000.00	248,128.65	128.65	0.850%	\$ 173.26
CD	GE Capital Bank	36163CKE9	WMS	01-31-14	01-31-17	No Call	\$248,000	1.000%	248,000.00	248,305.64	305.64	1.000%	\$ 203.84
CD	GE Cap Retail	36157PVU0	WMS	01-31-14	01-31-18	No Call	\$248,000	1.450%	248,000.00	248,000.00	-	1.450%	\$ 295.56
CD	National Bank of NY	634116CA3	WMS	06-18-14	06-18-18	No Call	\$248,000	1.300%	248,000.00	248,000.00	-	1.300%	\$ 264.99
CD	Capital Bank FI Miami	139800CC8	WMS	05-27-15	05-29-18	No Call	\$248,000	1.100%	248,000.00	248,000.00	-	1.100%	\$ 224.22
CD	Compass Bank	20451PLB0	WMS	05-29-15	08-29-17	No Call	\$248,000	1.000%	248,000.00	248,279.96	279.96	1.000%	\$ 203.84
CD	Capital One NA	14042RAG6	WMS	09-30-15	10-01-18	No Call	\$248,000	1.650%	248,000.00	248,000.00	-	1.650%	\$ 336.33
CD	Capital One Bank USA NA	140420VZ0	WMS	09-30-15	10-01-18	No Call	\$248,000	1.650%	248,000.00	248,000.00	-	1.650%	\$ 336.33
CD	Wells Fargo Bank NA	9497482W6	WMS	12-02-15	12-03-18	No Call	\$245,000	1.450%	245,000.00	245,000.00	-	1.450%	\$ 291.99
CD	CIT Bank	17284A6P8	TVI	03-13-13	03-13-18	No Call	\$248,000	1.100%	248,000.00	248,000.00	-	1.100%	\$ 224.22
<b>Total Actively Invested Funds</b>							<b>\$16,227,000</b>		<b>\$ 16,354,491.50</b>	<b>\$ 16,428,677.60</b>	<b>\$ 74,186.10</b>	<b>1.449%</b>	<b>\$ 15,733.68</b>
<b>Total Local Agency Investment Fund</b>									\$33,391,557.84			0.634%	17,400.20
<b>Total CalTRUST Investment Fund</b>									\$2,169,501.31			1.010%	1,800.98
<b>Total Invested Cash</b>							<b>\$16,227,000</b>		<b>\$ 51,915,550.65</b>			<b>0.897%</b>	<b>\$ 34,934.87</b>

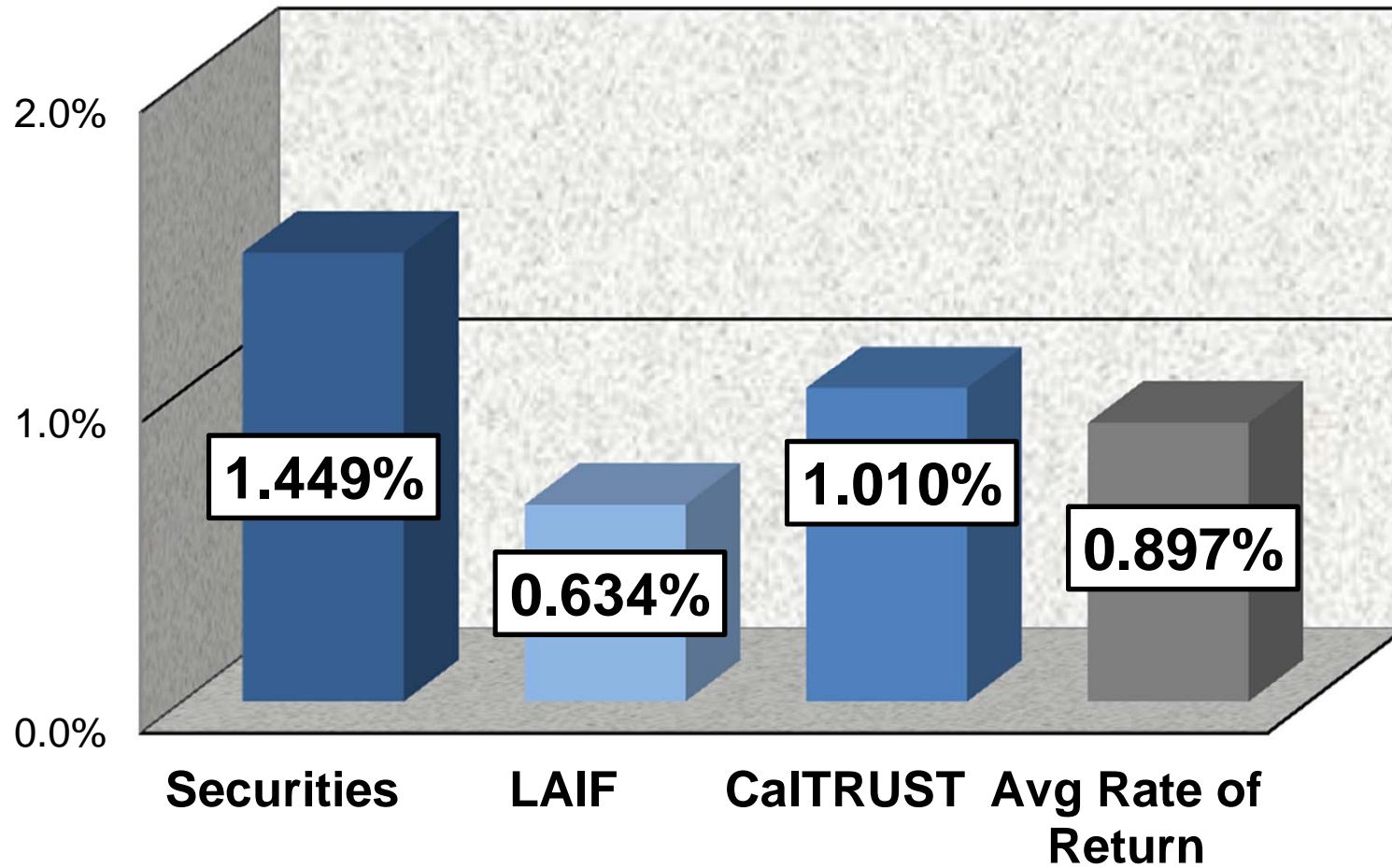
**Key to Security Type:**

FHLB	= Federal Home Loan Bank
FHLMC	= Federal Home Loan Mortgage Corporation
FNMA	= Federal National Mortgage Association
USTN	= US Treasury Note
CORP	= Corporate Note
CD	= Certificate of Deposit
GDB	= Goldman Sachs Bank

**Key to Dealers:**

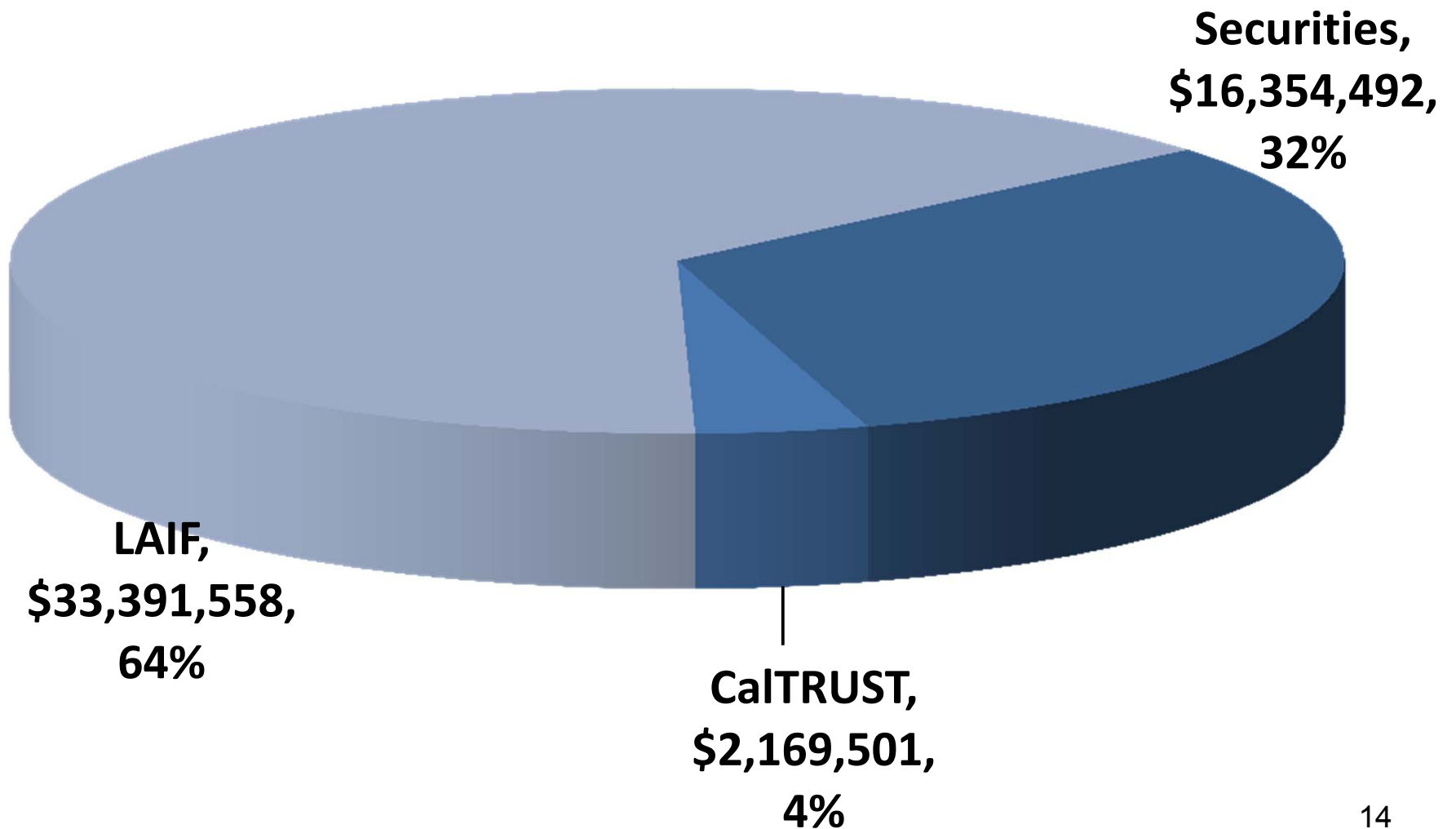
FCS	= FinaCorp Securities
MBS	= Multi-Bank Securities
MS	= Mutual Securities
RCB	= RBC Dain Rauscher
SA	= Securities America
TVI	= Time Value Investments
WMS	= Wedbush Morgan Securities

## Interest Rate Analysis



# Investments

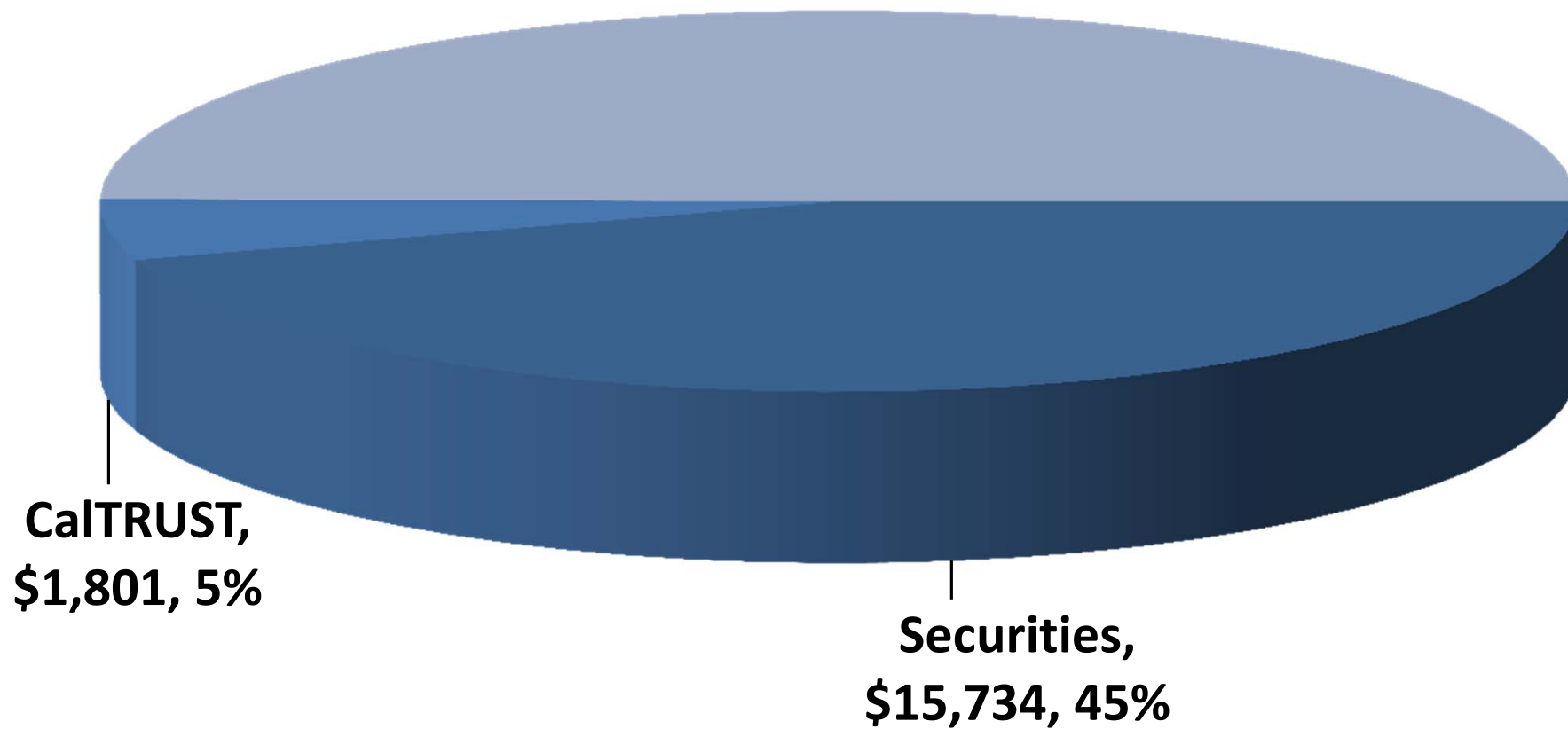
**\$51,915,551**



# Interest

**\$34,935**

**LAIF, \$17,400,  
50%**



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## **COMMISSION MEMORANDUM NO. 2016.93**

**DATE:** October 18, 2016

**TO:** SAWPA Commission

**SUBJECT:** Reach V Rehabilitation and Improvement Project – Phase I

**PREPARED BY:** David Ruhl, Program Manager

### **RECOMMENDATION**

That the Commission find that the unfinished condition of the Reach V Rehabilitation and Improvement Project (the Project) after the termination for cause of the Project contractor continues to be an emergency that requires immediate action per the Commission's prior action on August 2, 2016.

### **DISCUSSION**

After the Commission's action on August 2, SAWPA received a letter from Charles King Company's (CKC) performance bond surety that denied SAWPA's claim. The letter terminating CKC's work under the contract was sent to CKC that day, August 2, per the Commission's action.

Upon termination, SAWPA obtained control of the above ground by-pass system. A security firm was hired to monitor the by-pass system during non-working hours including nights and weekends. SAWPA hired a Contractor, Weka, Inc. to retrieve stored material at CKC's storage yard and deliver to SAWPA's temporary storage area. On August 5, 2016 SAWPA retrieved all materials at CKC's yard and delivered to a temporary storage location at Temescal Valley Water District. SAWPA's Construction Manager is working with the CKC to obtain "redline" drawings of as-built conditions from the original construction. CKC has been cooperative in the turnover process so far.

SAWPA contracted with Weka, Inc. to repair and place into service segments 1 through 16 including removal of about 3,400 feet of deficient liner and PVC pipe, repair deficiencies from CKC's original construction and replace with new C905 DR 18 pipe. Staff is actively seeking a replacement CIPP installer to complete Reaches 2 and 3 of the project.

None of the facts on which the Commission's findings and action were based on August 2 have changed, such that the situation still constitutes an emergency requiring urgent action.

### **CRITICAL SUCCESS FACTORS**

1. Minimize disruptions to customers.
2. Maintain sufficient funding and reserves for current and future Capital and O&M costs through stable, predictable, and affordable rates and charges.
3. Protect and preserve and the useful life of Brine Line assets through strategic maintenance, repair, and capital improvements.
4. Operate the Brine Line to: (1) protect the OCS&D treatment plant and the environment from non-compliant dischargers, and (2) eliminate any uncontrolled pipeline releases.

**RESOURCE IMPACTS**

The Project is being funded by the Brine Line Reserve, and is supported by an SRF loan for part of the project cost. SAWPA intends to hold the contractor and the performance bond surety responsible for completing the project within the original bid price.

CM 2016.93 Reach V

## COMMISSION MEMORANDUM NO. 2016.92

**DATE:** October 18, 2016

**TO:** SAWPA Commission

**SUBJECT:** Inland Empire Brine Line Reach V Rehabilitation and Improvement Project – Phase 1 – Task 1 and 2

**PREPARED BY:** David Ruhl, Program Manager

### RECOMMENDATION

It is recommended that the Commission authorize the General Manager to approve Change Order 2 to Task Order DUDK326-02 with Dudek for additional Engineering Services during Construction for the Inland Empire Brine Line Reach 5 Rehabilitation and Improvement Project – Phase 1 Task 1 and 2 for an amount not to exceed \$57,790.

### DISCUSSION

In October 2014, the Commission authorized a contract with Dudek to provide Engineering Services during construction for the Reach V Rehabilitation and Improvement Project – Phase 1, in the amount of \$214,650. Because Dudek prepared the design drawings and specifications for the project it was desirable for them to provide the services during construction, including review of contractor's request for information (RFI), review of contractor submittals, technical support, preparation of record drawings and archeological monitoring. Due to the complexity of the project, delays in the schedule (original project completion of February 2016), substitution of subcontractors, changes in material suppliers, remediation of liners and PVC pipe installation Dudek expended their original budget in January 2016. In January 2016, the Commission authorized a change order to Dudek's contract. Since that time the SAWPA commission has terminated for cause the project contractor, Charles King Company and contracted with Weka, Inc. to repair and place into service segments 1 through 16 including removal of about 3,400 feet of deficient liner and PVC pipe. It is anticipated that Dudek will expend their budget in October 2016.

It is desirable for Dudek to continue to provide engineering services during construction, as they are the most knowledgeable on the content of the contract documents, and it maintains a single engineer responsible for the design. The attached scope of work and budget (\$57,790) from Dudek is for continued engineering services during construction, including review of contractor RFI's and design clarifications, submittal review, progress meetings, review of design deviations, pipeline inspection video review and site visits. Staff has reviewed the proposal and has determined that it is sufficient to meet the additional needs of the project.

### CRITICAL SUCCESS FACTORS

Minimize disruptions to customers.

Protect and preserve the useful life of Brine Line assets through strategic maintenance, repair, and capital improvements.

Conduct proactive capital and O&M planning to improve efficiency and maintain needed capacity in the long and medium terms.

**RESOURCE IMPACTS**

Funds to cover the construction and construction management costs are budgeted under the FY 2016-17 Budget, Fund No. 326. A portion of the construction costs are funded through an SRF Loan Program.

Attachments:

1. Change Order 2 to Task Order DUDK326-02

CM 2016.92 Dudek CO



**SANTA ANA WATERSHED PROJECT AUTHORITY  
CHANGE ORDER NO. 2  
To Task Order No. DUDK326-02**

**CONSULTANT:** Dudek **VENDOR NO.** 1969  
605 Third Street  
Encinitas, CA 92024

**PROJECT:** Inland Empire Brine Line Reach V Rehabilitation and Improvement Project

**COST:** \$57,790

**FINANCING SOURCE:** \_\_\_\_\_  
Karen Williams, CFO Date

**REQUESTED BY:** David Ruhl, Program Manager October 18, 2016

**FINANCING SOURCE:** Acct. Coding: 326-Reach-6113-01  
Acct. Description: General Consulting

**COMMISSION AUTHORIZATION REQUIRED FOR THIS CHANGE:** YES (X) NO ( )  
CM#2016.04

*Funding for this work previously was authorized 10-15-14; Ref CM #8937; and 1-19-16; Ref CM#2016.04*

Consultant is hereby directed to provide the extra work necessary to comply with this change order.

**DESCRIPTION/ JUSTIFICATION OF CHANGE:** Additional design services during construction are necessary due to repair deficiencies in segments 1 through 16, including removal of about 3,400 feet of deficient liner and PVC pipe. The work is detailed in Attachment A, Inland Empire Brine Line Reach V, Tasks 1 & 2, Construction Assistance Scope & Fee.

**CHANGE IN CONTRACT TIME:** No change - December 31, 2016

<b>CHANGE IN TASK ORDER PRICE:</b>	Original Task Order Amount:	\$214,650
	Change Order No. 1 Amount:	\$ 64,420
	Change Order No. 2 Amount:	<u>\$ 57,790</u>
	Contract Total:	\$336,860

**ACCEPTANCE:**

Consultant accepts the terms and conditions stated above as full and final settlement of any claims arising from or related to this Change Order. Consultant agrees to perform the above described work in accordance with the terms and in compliance with applicable sections of the Contract Specifications. This Change Order is hereby agreed to, accepted and approved, all in accordance with the General Provisions of the Contract Specifications.

**SANTA ANA WATERSHED PROJECT AUTHORITY**

\_\_\_\_\_  
Celeste Cantú, General Manager Date

**DUDEK**

\_\_\_\_\_  
(Signature) Date Typed/Printed Name



ATTACHMENT A

**DUDEK**

CORPORATE OFFICE  
605 THIRD STREET  
ENCINITAS, CALIFORNIA 92024  
T 760.942.5147 T 800.450.1818 F 760.632.0164

September 19, 2016

7616.0008

David Ruhl, PE  
Santa Ana Watershed Project Authority  
11615 Sterling Avenue  
Riverside, California 92503

**Subject: *Inland Empire Brine Line Reach V Project – Tasks 1 & 2  
Construction Assistance Scope & Fee***

Dear Mr. Ruhl,

As requested, Dudek is pleased to provide this proposal for construction services for the Santa Ana Watershed Project Authority (SAWPA) Reach V Rehabilitation Project – Task 1 and 2. The subject project includes removal of previously-installed defective work, and verification of lined segments 1 through 10 prior to placing the segments into permanent operation. SAWPA requested that Dudek provide the attached proposed scope of services and fee relative to construction assistance for this phase of the project.

We are pleased to continue supporting SAWPA with this project. If you have any questions, or require any additional information, please do not hesitate to call me at 760.479.4111, or email me at [mmetts@dudek.com](mailto:mmetts@dudek.com).

Respectfully Submitted,

**DUDEK**



D. Michael Metts, P.E.  
Principal, Engineering Services Manager

## PROPOSED SCOPE OF SERVICES

**SERVICES DURING CONSTRUCTION (SDC).** Following award of the Task 1 and 2 construction project, Dudek will provide the following services to SAWPA during the construction period.

### **SDC-1: Project Management**

This task includes managing our portion of the construction effort, project status tracking, staff scheduling, budget management, client updates, and other general activities related to overall management activities.

### **SDC-2: Pre-Construction Meeting**

The Dudek Project Manager will attend the Pre-Construction Meeting, which is assumed to occur at the SAWPA office. The meeting is projected to be conducted by the SAWPA Construction Manager. The meeting is assumed to be a maximum of two hours, not including travel time.

### **SDC-3: RFIs and Design Clarifications**

Dudek will develop responses to Requests for Information (RFI's) and other design clarifications. RFI's from the Contractor will be formally submitted to the SAWPA Construction Manager (CM). Questions requiring responses from the design team will be forwarded to the Dudek Project Manager for distribution and response. For the purposes of this proposal, a total of 15 RFIs and other design clarifications are assumed.

### **SDC-4: Shop Drawing and Submittal Reviews**

Dudek will review shop drawings and other submittals that are not otherwise addressed by the SAWPA Construction Manager. Submittals will be forwarded to the Dudek Project Manager for distribution and review by the appropriate engineer. For the purposes of this proposal, a total of 40 shop drawings and other submittals are assumed.

### **SDC-5: General Meetings**

Dudek will attend general meetings at the SAWPA office to discuss construction issues with SAWPA staff and the Construction Manager. The Dudek project manager will attend these meetings with the appropriate additional team members based on the key issues being discussed. Meetings are assumed to be a maximum of two hours, not including travel time.

### **SDC-6: Progress Meetings**

Dudek will attend progress meetings with SAWPA, the Construction Manager and Contractor, as requested by SAWPA staff. The Dudek project manager will attend these meetings with the appropriate team members based on the key issues being discussed. Meetings are assumed to be a maximum of two hours, not including travel time.

### **SDC-7: Change Order Assistance**

Dudek will assist SAWPA with preparation and review of Contractor Change Orders, as requested. It is assumed that the SAWPA Construction Manager will prepare and review construction change orders, and Dudek will assist, as necessary and requested. As the extent and nature of potential change orders are undefined at this time, an allowance is assumed for this contract item. Services will be provided at SAWPA direction within the available allowance.



**SDC-8: Design Deviations**

Dudek will assist SAWPA with evaluation of Contractor-proposed design deviations and substitutions, as requested to support the activities of the SAWPA Construction Manager. Dudek will evaluate the proposed design changes relative to consistency with the original design intention and capability. As the extent and nature of any Contractor-proposed design deviations are undefined at this time, an allowance is assumed for this contract item. Services will be provided at SAWPA direction within the available allowance.

**SDC-9: Site Visits**

Dudek will attend site visits at SAWPA request to observe specific conditions or situations for which design engineer input would facilitate developing an appropriate response to the Contractor.

**SDC-10: Punch List**

Dudek will assist the SAWPA Construction Manager with punch list resolution. This task entails one or more members of the Design Team joining SAWPA and/or CM staff on walk-throughs to confirm that the work was constructed per the design documents, and if not, what could be done to resolve observed deficiencies. As the extent and nature of the Punch List is undefined at this time, an allowance is assumed for this contract item. Services will be provided at SAWPA direction within the available allowance.

**SDC-11: Record Drawings**

Dudek will provide assistance to SAWPA for preparation of record drawings. We have assumed the AutoCAD files will be modified to reflect as-constructed conditions per the SAWPA Construction Manager and Contractor field-maintained redline markups. For the purposes of this proposal, an allowance is assumed for this contract item. Services will be provided at SAWPA direction within the available allowance.

**Archeological Monitoring**

Dudek will provide assistance to SAWPA for monitoring of excavations for the project. For the purposes of this proposal, we have assumed the archeological monitor will be present for the pipeline excavation for 8 hours per day with an assumed 5 days of excavation, and with a Principal Archeologist reviewing the work for 12 hours.

**SANTA ANA WATERSHED PROJECT AUTHORITY  
INLAND EMPIRE BRINE LINE REACH V REHABILITATION AND IMPROVEMENT PROJECT - TASK 1 AND 2  
PROPOSAL FOR ENGINEERING SERVICES DURING CONSTRUCTION**

**LABOR & FEE PROPOSAL**

**DUDEK**

September 2016

TASK DESCRIPTION	DUDEK ENGINEERING LABOR											TOTAL HRS	FEE
	PM/QA \$225	SE \$185	PE \$150	CADD \$130	ARCH MON. \$75	ARCH INV. \$125							
Task SDC-1: Project Management .....	16											16	\$ 3,600
Task SDC-2: Pre-Construction Meeting .....	4											4	\$ 900
Task SDC-3: RFIs & Design Clarifications (assume 10) .....	8	8	16	4								36	\$ 6,200
Task SDC-4: Shop Drawing & Submittal Reviews (assume 40) .....	16	8	40									64	\$ 11,080
Task SDC-5: General Meetings .....	16		8									24	\$ 4,800
Task SDC-6: Progress Meetings .....	16		16									32	\$ 6,000
Task SDC-7: Change Order Assistance .....	4	4	8	4								20	\$ 3,360
Task SDC-8: Design Deviations .....	4	4	8	4								20	\$ 3,360
Task SDC-9: Site Visits (assume 6) .....	16		16									32	\$ 6,000
Task SDC-10: Punch List .....	4		4									8	\$ 1,500
Task SDC-11: Record Drawings .....	2	4	8	20								34	\$ 4,980
<b>Labor Subtotal:</b>	<b>106</b>	<b>28</b>	<b>124</b>	<b>32</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>290</b>	<b>\$ 51,790</b>
TOTAL OTHER DIRECT COSTS (printing, reproduction, delivery, local travel, etc) .....												N/A	\$ 1,500
<b>SUBTOTAL PROPOSED ENGINEERING EFFORT</b> .....	<b>106</b>	<b>28</b>	<b>124</b>	<b>32</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>290</b>	<b>\$ 53,290</b>
<b>Archeological Monitoring</b>													
Construction Monitoring (assume 5 days) .....					40							40	\$ 3,000
Principal Archeologist Investigator .....										12		12	\$ 1,500
<b>TOTAL PROPOSED EFFORT</b> .....	<b>106</b>	<b>28</b>	<b>124</b>	<b>32</b>	<b>40</b>	<b>12</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>342</b>	<b>\$ 57,790</b>

NOTES:



**SANTA ANA WATERSHED PROJECT AUTHORITY  
CHANGE ORDER NO. 1  
To Task Order No. DUDK326-02**

**CONSULTANT:** Dudek **VENDOR NO. 1969**  
605 Third Street  
Encinitas, CA 92024

**PROJECT:** Inland Empire Brine Line Reach V Rehabilitation and Improvement Project

**COST:** \$64,420

**FINANCING SOURCE:** K. Williams  
Karen Williams, CFO

**REQUESTED BY:** David Ruhl, Program Manager January 19, 2016

**FINANCING SOURCE:** Acct. Coding: 326-Reach-6113-01  
Acct. Description: General Consulting

**COMMISSION AUTHORIZATION REQUIRED FOR THIS CHANGE:** YES (X) NO ( )

*Funding for this work previously was authorized 10-15-14; Commission Memo No. 8795 CM# 2016.04*

Consultant is hereby directed to provide the extra work necessary to comply with this change order.

**DESCRIPTION/ JUSTIFICATION OF CHANGE:** Additional services are due to the Contractor's extended project schedule, which is beyond that originally estimated. The work is detailed in Attachment A, December 18, 2015, Additional Construction Assistance Services Request.

**CHANGE IN CONTRACT TIME:** December 31, 2016

<b>CHANGE IN TASK ORDER PRICE:</b>	Original Task Order Amount:	\$214,650
	Change Order No. 1 Amount:	<u>\$ 64,420</u>
	Contract Total:	\$279,070

**ACCEPTANCE:**

Consultant accepts the terms and conditions stated above as full and final settlement of any claims arising from or related to this Change Order. Consultant agrees to perform the above described work in accordance with the terms and in compliance with applicable sections of the Contract Specifications. This Change Order is hereby agreed to, accepted and approved, all in accordance with the General Provisions of the Contract Specifications.

**SANTA ANA WATERSHED PROJECT AUTHORITY**

C. Gant 1-19-16  
Cecile Gant, General Manager Date

**DUDEK**

Mike Metts 1/25/16  
(Signature) Date  
Dudek  
Mike Metts  
Assistant Secretary

P. MICHAEL METTS  
Typed/Printed Name

ATTACHMENT A

**DUDEK**

CORPORATE OFFICE  
605 THIRD STREET  
ENCINITAS, CALIFORNIA 92024  
T 760.942.5147 T 800.450.1818 F 760.632.0164

December 18, 2015

7616

David Ruhl, PE  
Santa Ana Watershed Project Authority  
11615 Sterling Avenue  
Riverside, California 92503

**Subject: *Inland Empire Brine Line Reach V Rehabilitation Project  
Additional Construction Assistance Services Request***

Dear Mr. Ruhl,

Construction assistance services for the above referenced project were originally established based on the assumed progress of the Contractor prior to the start of construction. As you are aware, the Contractor's progress has been slower than expected. The extended schedule has increased the required services beyond that originally estimated. It is projected that the originally established budget for specific services to date will be expended by the end of January 2016. As such, we are requesting your consideration of the attached additional services request to complete the project.

We are pleased to continue supporting SAWPA with this project. If you have any questions, or require any additional information, please do not hesitate to call me at 760.479.4111, or email me at [mmetts@dudek.com](mailto:mmetts@dudek.com).

Respectfully Submitted,

**DUDEK**



D. Michael Metts, P.E.  
Principal, Engineering Services Manager

## PROPOSED SCOPE OF SERVICES

**SERVICES DURING CONSTRUCTION (SDC).** It is projected that the Contractor's progress will increase for the remainder of the project, as they have worked through the majority of the project challenges at this point in the project. However, it will be necessary to assure that the Contractor continues to conform to the Contract Documents through the remainder of the project. As such, we are projecting the following additional services necessary for completion of the project.

### **SDC-1: Project Management**

This task includes managing our portion of the construction effort, project status tracking, staff scheduling, budget management, client updates, and other general activities related to overall management activities.

### **SDC-2: RFIs and Design Clarifications**

Dudek will develop responses to Requests for Information (RFI's) and other design clarifications. RFI's from the Contractor will be formally submitted to the SAWPA Construction Manager (CM). Questions requiring responses from the design team will be forwarded to the Dudek Project Manager for distribution and response. For the purposes of this proposal, a total of 25 RFIs and other design clarifications are assumed.

### **SDC-3: Shop Drawing and Submittal Reviews**

Dudek will review shop drawings and other submittals that are not otherwise addressed by the SAWPA Construction Manager. Submittals will be forwarded to the Dudek Project Manager for distribution and review by the appropriate engineer. For the purposes of this proposal, a total of 25 shop drawings and other submittals are assumed.

### **SDC-4: General Meetings**

Dudek will attend general meetings at the SAWPA office to discuss construction issues with SAWPA staff and the Construction Manager. The Dudek project manager will attend each of these meetings with the appropriate additional team members based on the key issues being discussed. Meetings are assumed to be a maximum of two hours, not including travel time.

### **SDC-5: Progress Meetings**

Dudek will attend progress meetings with SAWPA, the Construction Manager and Contractor, as requested by SAWPA staff. The Dudek project manager will attend each of these meetings with the appropriate team members based on the key issues being discussed. Meetings are assumed to be a maximum of two hours, not including travel time.

### **SDC-6: Design Deviations**

Dudek will assist SAWPA with evaluation of Contractor-proposed design deviations and substitutions, as requested to support the activities of the SAWPA Construction Manager. Dudek will evaluate the proposed design changes relative to consistency with the original design intention and capability. As the extent and nature of any Contractor-proposed design deviations are undefined at this time, an allowance is assumed for this contract item. Services will be provided at SAWPA direction within the available allowance.

### **SDC-7: Pipeline Inspection Information Review**

Dudek will assist SAWPA and the Construction Manager with review and recommendations associated with videotape and laser profiling inspection of the Brine Line facilities. It is assumed that Dudek will

provide a NASSCO-certified engineer with certification in both pipeline and CIPP assessment training. For the purposes of this proposal, we have assumed that our PACP- and ITCP-CIPP certified engineer will be on-site during video and laser inspection of the pipeline. Data will be provided to Dudek as inspections are completed for each pipe segment. Dudek will review the collected data and make recommendations within a two-day period relative to pipeline condition, rehabilitation and/or lining operations. Dudek will document the resulting recommendations and return those recommendations to SAWPA and the Construction Manager for implementation. For the purposes of this proposal, Dudek has assumed that a total of seventeen 750-foot inspections will be completed, including video and laser inspections.

**SDC-8: Site Visits**

Dudek will attend site visits at SAWPA request to observe specific conditions or situations for which design engineer input would facilitate developing an appropriate response to the Contractor. We have assumed a total of ten (10) site visits, by one or more members of team.

**SANTA ANA WATERSHED PROJECT AUTHORITY  
 INLAND EMPIRE BRINE LINE REACH V REHABILITATION AND IMPROVEMENT PROJECT - PHASE I  
 PROPOSAL FOR ADDITIONAL ENGINEERING SERVICES DURING CONSTRUCTION**

**LABOR & FEE PROPOSAL**

**DUDEK**

December 2015

TASK DESCRIPTION	DUDEK ENGINEERING LABOR					TOTAL HRS	FEE
	PM/QA \$225	SE \$185	PE \$150	CADD \$130			
Task SDC-1: Project Management .....	24					24	\$ 5,400
Task SDC-2: RFIs & Design Clarifications .....	16	8	24	8		56	\$ 9,720
Task SDC-3: Shop Drawing & Submittal Reviews .....	8	8	16			32	\$ 5,680
Task SDC-4: General Meetings .....	16		16			32	\$ 6,000
Task SDC-5: Progress Meetings .....	24		24			48	\$ 9,000
Task SDC-6: Design Deviations .....	8		8	8		24	\$ 4,040
Task SDC-7: Pipeline Inspection Information Review .....	16		60			84	\$ 14,080
Task SDC-8: Site Visits .....	24		24			48	\$ 9,000
<b>Labor Subtotal:</b>	<b>136</b>	<b>24</b>	<b>172</b>	<b>16</b>		<b>348</b>	<b>\$ 62,920</b>
TOTAL OTHER DIRECT COSTS (printing, reproduction, delivery, local travel, etc) .....						N/A	\$ 1,500
<b>TOTAL PROPOSED ADDITIONAL SERVICES .....</b>	<b>136</b>	<b>24</b>	<b>172</b>	<b>16</b>		<b>348</b>	<b>\$ 64,420</b>

NOTES:





**SANTA ANA WATERSHED PROJECT AUTHORITY  
TASK ORDER NO. DUDK326-02**

**CONSULTANT:** Dudek  
605 Third Street  
Encinitas, CA 92024 **VENDOR NO. 1969**

**COST:** \$214,650

**PAYMENT:** Upon Proper Invoice

**REQUESTED BY:** David Ruhl, Program Manager October 15, 2014

**FINANCE:** K Williams 10-21-14  
Karen Williams, CFO Date

**FINANCING SOURCE:** Acct. Coding 326-Reach-60149  
Acct. Description General Consulting

**COMMISSION AUTHORIZATION REQUIRED:** YES (X) NO ( )  
*Commission Memo # 8177*

This Task Order is issued by the Santa Ana Watershed Project Authority (hereafter "SAWPA") to Dudek (hereafter "Consultant") pursuant to the Agreement between SAWPA and Consultant entitled *Agreement for Services*, dated November 28, 2012 (*expires 12-31-16*).

**I. PROJECT NAME OR DESCRIPTION**

Inland Empire Brine Line Reach V Rehabilitation and Improvement Project

**II. SCOPE OF WORK / TASKS TO BE PERFORMED**

Consultant shall provide project management, preconstruction, RFIs, submittals, progress meetings, and etc. The full Scope of Work is outlined in Attachment A.

*Please refer to Appendix X for acceptable formats, also found at [www.sawpa.org/html/e\\_req.htm](http://www.sawpa.org/html/e_req.htm)*

**III. PERFORMANCE TIME FRAME**

Consultant shall begin work within five days of the date that this Task Order is signed by the Authorized Officer, and shall complete performance of such services by **June 30, 2016**.

**IV. SAWPA LIAISON**

David Ruhl and/or Rich Haller shall serve as liaison between SAWPA and Consultant

**V. COMPENSATION**

For all services rendered by Consultant pursuant to this Task Order, Consultant shall receive a total not-to-exceed sum of **\$214,650** in accordance with the Labor and Fee Proposal (attached). Payment for such services shall be made within 30 days upon receipt of timely and proper invoices from the Consultant, as required by the above-mentioned Agreement. Consultant shall provide to SAWPA each such invoice within 15 days after the end of the month in which the services were performed.

**VI. CONTRACT DOCUMENTS PRECEDENCE**

In the event of a conflict in terms between and among the contract documents herein, the document item highest in precedence shall control. The precedence shall be:

- a. The Agreement for Services by Independent Consultant/Contractor.
- b. The Task Order or Orders issued pursuant to the Agreement, in numerical order.
- c. Exhibits attached to each Task Order, which may describe, among other things, the Scope of Work and compensation therefore.
- d. Specifications incorporated by reference.
- e. Drawings incorporated by reference.

In witness whereof, the parties have executed this Task Order on the date indicated below.

**SANTA ANA WATERSHED PROJECT AUTHORITY**

  
\_\_\_\_\_  
Celeste Cantu, General Manager      10-21-14  
Date

**DUDEK**

  
\_\_\_\_\_  
(Signature)      Oct. 28, 2014  
Date

**Dudek**  
**Frank Dudek**  
\_\_\_\_\_  
**President**  
Print or Type Name

ATTACHMENT A

**DUDEK**

CORPORATE OFFICE  
605 THIRD STREET  
ENCINITAS, CALIFORNIA 92024  
T 760.942.5147 T 800.450.1818 F 760.632.0164

October 8, 2014

7616

David Ruhl, PE  
Santa Ana Watershed Project Authority  
11615 Sterling Avenue  
Riverside, California 92503

**Subject: *Inland Empire Brine Line Reach V Rehabilitation Project  
Construction Assistance Scope & Fee***

Dear Mr. Ruhl,

As we continue to finalize the Inland Empire Brine Line Reach V project, the Santa Ana Watershed Project Authority (SAWPA) has moved forward with advertising for Construction Management (CM) Services. The Reach V Rehabilitation Project will require close coordination between the selected CM consultant and the design consultant to assure the successful project implementation. To that end, SAWPA requested that Dudek provide the attached proposed scope of services and fee relative to ongoing construction assistance.

We are pleased to continue supporting SAWPA with this project. If you have any questions, or require any additional information, please do not hesitate to call me at 760.479.4111, or email me at [mmetts@dudek.com](mailto:mmetts@dudek.com).

Respectfully Submitted,

**DUDEK**



D. Michael Metts, P.E.  
Principal, Engineering Services Manager

## PROPOSED SCOPE OF SERVICES

**SERVICES DURING CONSTRUCTION (SDC).** Following award of the construction project, Dudek will provide the following office construction services to SAWPA during the construction period.

### **SDC-1: Project Management & Conformed Documents**

This task includes managing our portion of the construction effort, project status tracking, staff scheduling, budget management, client updates, and other general activities related to overall management activities. In addition, Dudek will prepared a confirmed set of contract documents at the beginning of construction to incorporate addenda issued during the bidding phase of the project.

### **SDC-2: Pre-Construction Meeting**

The Dudek Project Manager and Lead Project Engineer will attend one Pre-Construction Meeting, which is assumed to occur at the SAWPA office. The meeting is presumed to be conducted by the SAWPA Construction Manager. The meeting is assumed to be a maximum of two hours, not including travel time.

### **SDC-3: RFIs and Design Clarifications**

Dudek will develop responses to Requests for Information (RFI's) and other design clarifications. RFI's from the Contractor will be formally submitted to the SAWPA Construction Manager (CM). Questions requiring responses from the design team will be forwarded to the Dudek Project Manager for distribution and response. For the purposes of this proposal, a total of 20 RFIs and other design clarifications are assumed.

### **SDC-4: Shop Drawing and Submittal Reviews**

Dudek will review shop drawings and other submittals that are not otherwise addressed by the SAWPA Construction Manager. Submittals will be forwarded to the Dudek Project Manager for distribution and review by the appropriate engineer. For the purposes of this proposal, a total of 25 shop drawings and other submittals are assumed.

### **SDC-5: General Meetings**

Dudek will attend a total of ten (10) general meetings at the SAWPA office to discuss construction issues with SAWPA staff and the Construction Manager. The Dudek project manager will attend each of these meetings with the appropriate additional team members based on the key issues being discussed. Meetings are assumed to be a maximum of two hours, not including travel time.

### **SDC-6: Progress Meetings**

Dudek will attend a total of fifteen (15) progress meetings with SAWPA, the Construction Manager and Contractor, as requested by SAWPA staff. The Dudek project manager will attend each of these meetings with the appropriate team members based on the key issues being discussed. Meetings are assumed to be a maximum of two hours, not including travel time.

### **SDC-7: Change Order Assistance**

Dudek will assist SAWPA with preparation and review of Contractor Change Orders, as requested. It is assumed that the SAWPA Construction Manager will prepare and review construction change orders, and Dudek will assist, as necessary and requested. As the extent and nature of potential change orders are undefined at this time, an allowance is assumed for this contract item. Services will be provided at SAWPA direction within the available allowance.

**SDC-8: Design Deviations**

Dudek will assist SAWPA with evaluation of Contractor-proposed design deviations and substitutions, as requested to support the activities of the SAWPA Construction Manager. Dudek will evaluate the proposed design changes relative to consistency with the original design intention and capability. As the extent and nature of any Contractor-proposed design deviations are undefined at this time, an allowance is assumed for this contract item. Services will be provided at SAWPA direction within the available allowance.

**SDC-9: Pipeline Inspection Information Review**

Dudek will assist SAWPA and the Construction Manager with review and recommendations associated with videotape and laser profiling inspection of the Brine Line facilities. It is assumed that Dudek will provide a NASSCO-certified engineer with certification in both pipeline and CIPP assessment training. For the purposes of this proposal, we have assumed that our PACP- and ITCP-CIPP certified engineer will be on-site during video and laser inspection of the pipeline. Data will be provided to Dudek as inspections are completed for each pipe segment. Dudek will review the collected data and make recommendations within a two-day period relative to pipeline condition, rehabilitation and/or lining operations. Dudek will document the resulting recommendations and return those recommendations to SAWPA and the Construction Manager for implementation. For the purposes of this proposal, Dudek has assumed that a total of 25 1,500-foot inspections will be completed, including video and laser inspections.

**SDC-10: Site Visits**

Dudek will attend site visits at SAWPA request to observe specific conditions or situations for which design engineer input would facilitate developing an appropriate response to the Contractor. We have assumed a total of twenty (20) site visits, by one or more members of team.

**SDC-11: Punch List**

Dudek will assist the SAWPA Construction Manager with punch list resolution. This task entails one or more members of the Design Team joining SAWPA and/or CM staff on walk-throughs to confirm that the work was constructed per the design documents, and if not, what could be done to resolve observed deficiencies. As the extent and nature of the Punch List is undefined at this time, an allowance is assumed for this contract item. Services will be provided at SAWPA direction within the available allowance.

**SDC-12: Record Drawings**

Dudek will provide assistance to SAWPA for preparation of record drawings. We have assumed the AutoCAD files will be modified to reflect as-constructed conditions per the SAWPA Construction Manager and Contractor field-maintained redline markups. For the purposes of this proposal, an allowance is assumed for this contract item. Services will be provided at SAWPA direction within the available allowance.

**Archeological Monitoring**

Dudek will provide assistance to SAWPA for monitoring of excavations for the project. For the purposes of this proposal, we have assumed the archeological monitor will be present for 35 excavations for 8 hours per excavation, with a Principal Archeologist reviewing the work for 40 hours.

**SANTA ANA WATERSHED PROJECT AUTHORITY  
INLAND EMPIRE BRINE LINE REACH V REHABILITATION AND IMPROVEMENT PROJECT  
PROPOSAL FOR ENGINEERING SERVICES DURING CONSTRUCTION**

**LABOR & FEE PROPOSAL**

**DUDEK**

September 2013

TASK DESCRIPTION	DUDEK ENGINEERING LABOR										TOTAL HRS	FEE	
	PM/QA \$120	SE \$185	PE \$145	CADD \$125	ARCH MON \$50	ARCH INV \$110	Staff Assignment: Direct Labor Rate:						
Task SDC-1: Project Management & Conformed Documents	40	40	16	4								100	\$ 19,020
Task SDC-2: Pre-Construction Meeting	4	4	4	4								16	\$ 2,700
Task SDC-3: RFIs & Design Clarifications (assume 20)	12	24	24	8								68	\$ 11,560
Task SDC-4: Shop Drawing & Submittal Reviews (assume 25)	16	32	32	8								88	\$ 15,080
Task SDC-5: General Meetings (assume 10)	16	16	16									48	\$ 8,800
Task SDC-6: Progress Meetings (assume 15)	24	24	24									72	\$ 13,200
Task SDC-7: Change Order Assistance	8	16	16	8								48	\$ 8,040
Task SDC-8: Design Deviations	4	8	8	8								28	\$ 4,520
Task SDC-9: Pipeline Inspection Information Review	70	175	175									420	\$ 73,150
Task SDC-10: Site Visits (assume 20)	40	40	40									120	\$ 22,000
Task SDC-11: Punch List	2	8	8									18	\$ 3,080
Task SDC-12: Record Drawings	2		8	80								90	\$ 11,600
<b>Labor Subtotal:</b>	<b>238</b>	<b>387</b>	<b>371</b>	<b>120</b>	<b>0</b>	<b>0</b>						<b>1116</b>	<b>\$ 192,750</b>
<b>TOTAL OTHER DIRECT COSTS (printing, reproduction, delivery, local travel, etc)</b>												<b>N/A</b>	<b>\$ 3,500</b>
<b>SUBTOTAL PROPOSED ENGINEERING EFFORT</b>	<b>238</b>	<b>387</b>	<b>371</b>	<b>120</b>	<b>0</b>	<b>0</b>						<b>1116</b>	<b>\$ 196,250</b>
<b>Archeological Monitoring</b>													
Construction Monitoring					280							280	\$ 14,000
Principal Archeologist Investigator										40		40	\$ 4,400
<b>TOTAL PROPOSED EFFORT</b>	<b>238</b>	<b>387</b>	<b>371</b>	<b>170</b>	<b>280</b>	<b>40</b>						<b>1436</b>	<b>\$ 214,650</b>

NOTES:

Santa Ana Watershed Project Authority  
Cash Transaction Report  
Month of August 2016

Below is a summary of cash transactions completed during the month in the Authority's checking account with US Bank. Attached are summaries by major revenue and expense classifications.

Cash Receipts and Deposits to Account	\$ 1,607,837.93
Net Investment Transfers	15,518.89
Cash Disbursements	<u>(1,298,782.07)</u>
Net Change for Month	\$ 324,574.75
Balance at Beginning of Month	<u>2,156,882.83</u>
Balance at End of Month per General Ledger	<u><u>\$ 2,481,457.58</u></u>
Collected Balance per Bank Statement	\$ 2,497,406.35

**ACCOUNTS PAYABLE RECONCILIATION**

Accounts Payable Balance @ 07/31/16	\$ 2,046,911.31
Invoices Received for August 2016	-
Invoices Paid by check/wire during August 2016 (see attached register)	<u>(1,043,715.54)</u>
Accounts Payable Balance @ 08/31/16	<u><u>\$ 1,003,195.77</u></u>

### CASH RECEIPTS

Brine Line Operating Revenues	\$	681,109.77
Member and Other Agency Contributions		336,460.00
LESJWA Admin Reimbursement		12,096.18
Grant Proceeds - Prop 84		60,948.14
SRF Loan Proceeds		516,157.00
Other		<u>1,066.84</u>
Total Receipts and Deposits	\$	1,607,837.93

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### INVESTMENT TRANSFERS

Transfer of Funds:		
From (to) LAIF	\$	-
From (to) Grant Retention (USB)		-
From (to) CalTRUST (USB)		-
From (to) Legal Defense Fund		-
From (to) Investments		<u>15,518.89</u>
Total Investment Transfers	\$	15,518.89

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### CASH DISBURSEMENTS

By Check:		
Payroll	\$	526.13
Operations		<u>1,038,389.84</u>
Total Checks Drawn	\$	1,038,915.97
By Cash Transfer:		
Payroll	\$	175,041.55
Payroll Taxes		79,358.85
Wire Transfer - US Bank Credit Card		5,325.70
Take Care (AFLAC)		<u>140.00</u>
Total Cash Transfers	\$	259,866.10
Total Cash Disbursements	\$	<u>1,298,782.07</u>



**Santa Ana Watershed Project Authority**  
**Check Detail**  
**August 2016**

Category	Check #	Check Date	Type	Vendor	Check Amount
Benefits	1995	8/5/2016	CHK	ACWA/JPIA	\$ 41,228.09
Benefits	1998	8/5/2016	CHK	Public Employees' Retirement	\$ 18,933.98
Benefits	1999	8/5/2016	CHK	Cal PERS Long Term Care Progra	\$ 85.30
Benefits	2001	8/5/2016	CHK	State Compensation Ins Fund	\$ 7,487.25
Benefits	2018	8/19/2016	CHK	AFLAC	\$ 309.26
Benefits	2019	8/19/2016	CHK	Public Employees' Retirement	\$ 18,933.97
Benefits	2020	8/19/2016	CHK	Cal PERS Long Term Care Progra	\$ 85.30
Benefits	2027	8/19/2016	CHK	Public Employees' Retirement	\$ 1,300.00
Benefits	2030	8/25/2016	CHK	Public Employees' Retirement	\$ 1,092.63
Benefits	2036	8/25/2016	CHK	Kaiser Foundation Health Plan	\$ 105.00
Benefits	2037	8/25/2016	CHK	WageWorks	\$ 122.00
Benefits	EFT750	8/5/2016	CHK	Vantagepoint Transfer Agents	\$ 6,316.86
Benefits	EFT758	8/5/2016	CHK	Vantagepoint Transfer Agents	\$ 400.90
Benefits	EFT782	8/19/2016	CHK	Vantagepoint Transfer Agents	\$ 6,316.86
Benefits	EFT785	8/19/2016	CHK	Vantagepoint Transfer Agents	\$ 400.90
Benefits	WDL000003827	8/9/2016	WDL	Takecare	\$ 70.00
Benefits	WDL000003837	8/23/2016	WDL	Takecare	\$ 70.00
				<b>Benefits Total</b>	<b>\$ 103,258.30</b>
Charge Card	P028604	8/9/2016	WDL	US Bank	\$ 5,325.70
				<b>Charge Card Total</b>	<b>\$ 5,325.70</b>
Claims	2025	8/19/2016	CHK	SLR Enterprises	\$ 1,672.49
Claims	2026	8/19/2016	CHK	Shawn A Walters	\$ 457.00
				<b>Claims Total</b>	<b>\$ 2,129.49</b>
Construction - Equipment	2024	8/19/2016	CHK	Mobile Mini	\$ 1,180.74
				<b>Construction - Equipment Total</b>	<b>\$ 1,180.74</b>
Construction - General	EFT792	8/25/2016	CHK	WEKA Inc	\$ 364,622.73
				<b>Construction - General Total</b>	<b>\$ 364,622.73</b>
Consulting	2017	8/11/2016	CHK	Vali Cooper & Associates, In	\$ 80,780.08
Consulting	2022	8/19/2016	CHK	Dudek	\$ 5,570.00
Consulting	2023	8/19/2016	CHK	Ninyo & Moore Geotechnical &	\$ 3,889.00
Consulting	2034	8/25/2016	CHK	West Coast Advisors	\$ 11,500.00
Consulting	2038	8/25/2016	CHK	Paul Redvers Brown, Inc.	\$ 3,190.00
Consulting	2039	8/25/2016	CHK	Pechanga Band of Luiseno Indians	\$ 2,165.52
Consulting	EFT774	8/11/2016	CHK	Trussell Technologies, Inc.	\$ 34,285.00
Consulting	EFT784	8/19/2016	CHK	CDM Smith, Inc.	\$ 25,129.58
Consulting	EFT786	8/19/2016	CHK	Integrated Systems Solutions	\$ 148.50
Consulting	EFT789	8/19/2016	CHK	Accent Computer Solutions Inc	\$ 3,299.00
Consulting	EFT790	8/25/2016	CHK	Risk Sciences	\$ 5,834.30
Consulting	EFT793	8/25/2016	CHK	DeGrave Communications	\$ 2,968.75
Consulting	EFT794	8/25/2016	CHK	Hammons Strategies	\$ 4,500.00
				<b>Consulting Total</b>	<b>\$ 183,259.73</b>
Contract Services	2035	8/25/2016	CHK	Orange County Coastkeeper	\$ 4,220.00
Contract Services	EFT751	8/5/2016	CHK	Western Municipal Water District	\$ 17,304.96
Contract Services	EFT772	8/11/2016	CHK	David Jenkins and Associates	\$ 1,869.90
				<b>Contract Services Total</b>	<b>\$ 23,394.86</b>
Debt Services	2032	8/25/2016	CHK	State Water Resources Control Bo	\$ 227,182.02
				<b>Debt Services Total</b>	<b>\$ 227,182.02</b>
Directors	EFT746	8/5/2016	CHK	Inland Empire Utilities Agency	\$ 197.82
Directors	EFT748	8/5/2016	CHK	Philip Anthony	\$ 99.36
Directors	EFT749	8/5/2016	CHK	Eastern Municipal Water District	\$ 423.72
Directors	EFT751	8/5/2016	CHK	Western Municipal Water District	\$ 437.76
Directors	EFT754	8/5/2016	CHK	Ed Killgore	\$ 43.20
Directors	EFT760	8/5/2016	CHK	Jasmin Hall	\$ 56.16
Directors	EFT761	8/5/2016	CHK	Steven Copelan	\$ 37.80
Directors	EFT763	8/11/2016	CHK	Inland Empire Utilities Agency	\$ 197.82
Directors	EFT764	8/11/2016	CHK	Philip Anthony	\$ 49.68
Directors	EFT765	8/11/2016	CHK	Eastern Municipal Water District	\$ 211.86
Directors	EFT767	8/11/2016	CHK	Western Municipal Water District	\$ 202.14
Directors	EFT769	8/11/2016	CHK	Ed Killgore	\$ 21.60
Directors	EFT777	8/11/2016	CHK	Jasmin Hall	\$ 28.08

**Santa Ana Watershed Project Authority**  
**Check Detail**  
**August 2016**

Category	Check #	Check Date	Type	Vendor	Check Amount
Directors	EFT781	8/11/2016	CHK	Steven Copelan	\$ 37.80
				<b>Directors Total</b>	<b>\$ 2,044.80</b>
Dues	2003	8/5/2016	CHK	East Valley Water District	\$ 400.00
Dues	2004	8/5/2016	CHK	Government Finance Officers	\$ 160.00
Dues	2014	8/11/2016	CHK	California Municipal Treasur	\$ 155.00
Dues	2015	8/11/2016	CHK	Southern California Water Committ	\$ 850.00
				<b>Dues Total</b>	<b>\$ 1,565.00</b>
Employee Reimbursement	EFT762	8/5/2016	CHK	Mike Antos	\$ 83.43
Employee Reimbursement	EFT771	8/11/2016	CHK	David Ruhl	\$ 149.58
Employee Reimbursement	EFT775	8/11/2016	CHK	Jim Gusman	\$ 90.00
Employee Reimbursement	EFT776	8/11/2016	CHK	Ian Achimore	\$ 42.12
Employee Reimbursement	EFT779	8/11/2016	CHK	Michael Plasencia	\$ 20.99
Employee Reimbursement	EFT788	8/19/2016	CHK	Carlos Quintero	\$ 61.55
				<b>Employee Reimbursement Total</b>	<b>\$ 447.67</b>
Engineering	2022	8/19/2016	CHK	Dudek	\$ 21,548.64
				<b>Engineering Total</b>	<b>\$ 21,548.64</b>
Equipment Rented	2040	8/25/2016	CHK	GreatAmerica Financial Services	\$ 1,442.54
				<b>Equipment Rented Total</b>	<b>\$ 1,442.54</b>
Facility Repair/Maintenance	2002	8/5/2016	CHK	Burrtec Waste Industries Inc	\$ 75.52
Facility Repair/Maintenance	2005	8/5/2016	CHK	TNT Elevator Inc	\$ 222.00
Facility Repair/Maintenance	EFT747	8/5/2016	CHK	Orange County Sanitation District	\$ 48,340.31
Facility Repair/Maintenance	EFT752	8/5/2016	CHK	Yeier Janitorial Service	\$ 1,220.00
Facility Repair/Maintenance	EFT768	8/11/2016	CHK	Western Exterminator Co.	\$ 100.50
Facility Repair/Maintenance	EFT778	8/11/2016	CHK	Alexander Pacific Electrical	\$ 125.00
				<b>Facility Repair/Maintenance Total</b>	<b>\$ 50,083.33</b>
Habitat Mitigation	EFT757	8/5/2016	CHK	Santa Ana Watershed Association	\$ 4,279.05
				<b>Habitat Mitigation Total</b>	<b>\$ 4,279.05</b>
Lab Costs	EFT755	8/5/2016	CHK	E. S. Babcock & Sons, Inc.	\$ 222.00
Lab Costs	EFT770	8/11/2016	CHK	E. S. Babcock & Sons, Inc.	\$ 2,054.00
Lab Costs	EFT783	8/19/2016	CHK	E. S. Babcock & Sons, Inc.	\$ 1,249.00
Lab Costs	EFT791	8/25/2016	CHK	E. S. Babcock & Sons, Inc.	\$ 295.00
				<b>Lab Costs Total</b>	<b>\$ 3,820.00</b>
Legal	2008	8/5/2016	CHK	Hunt Ortmann Palffy Nieves D	\$ 28,188.39
				<b>Legal Total</b>	<b>\$ 28,188.39</b>
Materials & Supplies	2006	8/5/2016	CHK	Inland Water Works Supply Co	\$ 1,524.96
Materials & Supplies	2007	8/5/2016	CHK	K&H Metals and Supplies	\$ 49.49
Materials & Supplies	2016	8/11/2016	CHK	Inland Water Works Supply Co	\$ 50.76
				<b>Materials &amp; Supplies Total</b>	<b>\$ 1,625.21</b>
Office Expense	1997	8/5/2016	CHK	Konica Minolta Business Solutions	\$ 225.86
Office Expense	2009	8/11/2016	CHK	Aramark Corporation Refreshment	\$ 158.94
Office Expense	2012	8/11/2016	CHK	Konica Minolta Business Solutions	\$ 363.21
Office Expense	EFT766	8/11/2016	CHK	Capital One Commercial- 7003	\$ 1,017.57
				<b>Office Expense Total</b>	<b>\$ 1,765.58</b>
Offsite Storage	EFT773	8/11/2016	CHK	Iron Mountain	\$ 167.24
				<b>Offsite Storage Total</b>	<b>\$ 167.24</b>
Payroll/Taxes	1994	8/5/2016	CHK	Payroll Check	\$ 526.13
Payroll/Taxes	WDL000003819	8/5/2016	WDL	Direct Deposit 8/5/2016	\$ 75,092.01
Payroll/Taxes	WDL000003820	8/5/2016	WDL	PR Tax - Federal	\$ 31,500.69
Payroll/Taxes	WDL000003821	8/5/2016	WDL	PR Tax - State	\$ 6,568.55
Payroll/Taxes	WDL000003829	8/19/2016	WDL	Direct Deposit 8/19/2016	\$ 77,326.98
Payroll/Taxes	WDL000003830	8/19/2016	WDL	PR Tax - Federal	\$ 30,982.78
Payroll/Taxes	WDL000003831	8/19/2016	WDL	PR Tax - State	\$ 6,660.36
Payroll/Taxes	WDL000003832	8/23/2016	WDL	Direct Deposit 8/23/2016	\$ 22,622.56
Payroll/Taxes	WDL000003833	8/23/2016	WDL	PR Tax - Federal	\$ 3,266.83
Payroll/Taxes	WDL000003834	8/23/2016	WDL	PR Tax - State	\$ 379.64
				<b>Payroll/Taxes Total</b>	<b>\$ 254,926.53</b>

**Santa Ana Watershed Project Authority  
Check Detail  
August 2016**

Category	Check #	Check Date	Type	Vendor	Check Amount
Petty Cash	2031	8/25/2016	CHK	Karen Williams, Custodian of	\$ 257.90
				<b>Petty Cash Total</b>	<b>\$ 257.90</b>
Safety	2033	8/25/2016	CHK	Awards & Specialties	\$ 227.00
Safety	EFT753	8/5/2016	CHK	Underground Service Alert	\$ 237.00
Safety	EFT787	8/19/2016	CHK	A Cone Zone Inc	\$ 140.40
				<b>Safety Total</b>	<b>\$ 604.40</b>
Shipping/Postage	2028	8/25/2016	CHK	Federal Express	\$ 245.60
				<b>Shipping/Postage Total</b>	<b>\$ 245.60</b>
Software	EFT756	8/5/2016	CHK	Solver Inc.	\$ 4,153.50
Software	EFT759	8/5/2016	CHK	Accent Computer Solutions Inc	\$ 1,975.50
				<b>Software Total</b>	<b>\$ 6,129.00</b>
Spill Costs	2021	8/19/2016	CHK	Jericho Systems, Inc.	\$ 3,500.00
				<b>Spill Costs Total</b>	<b>\$ 3,500.00</b>
Utilities	1996	8/5/2016	CHK	Verizon Wireless	\$ 1,563.98
Utilities	2000	8/5/2016	CHK	Southern California Edison	\$ 30.82
Utilities	2010	8/11/2016	CHK	Riverside, City of	\$ 3,118.15
Utilities	2011	8/11/2016	CHK	Verizon Wireless	\$ 14.16
Utilities	2013	8/11/2016	CHK	Southern California Edison	\$ 237.52
Utilities	2029	8/25/2016	CHK	AT&T	\$ 459.47
Utilities	EFT780	8/11/2016	CHK	IntelePeer Cloud Communication	\$ 363.52
				<b>Utilities Total</b>	<b>\$ 5,787.62</b>
				Accounts Payable	\$ 1,298,782.07
				Checks	\$ 1,038,389.84
				Wire Transfers	\$ 5,325.70
					<u>\$ 1,043,715.54</u>
				Bank Fees	\$ -
				Take Care	\$ 140.00
				Other	\$ -
				Payroll	\$ 254,926.53
Total Disbursements for August 2016					<u><u>\$ 1,298,782.07</u></u>

Santa Ana Watershed Project Authority  
 Consulting  
**AUGUST 2016**

Check #	Check Date	Task #	Task Description	Vendor Name	Total Contract	Check Amount	Remaining Contract Amount	Notes/Comments
EFT789	8/19/2016	ACS100-08	IT Support	Accent Computer Solutions Inc	\$ 36,750.00	\$ 3,299.00	\$ 21,027.50	
EFT784	8/19/2016	CDM386-11	SAR Bacteria Monitoring Program	CDM Smith	\$ 337,635.00	\$ 25,129.58	\$ 188,694.21	
EFT793	8/25/2016	DEGR392-02	Social Media Support - EC TF	DeGrave Communications	\$ 30,000.00	\$ 2,968.75	\$ 24,206.50	
2022	8/19/2016	DUDK326-02	Reach V Rehabilitation and Improvement Project	Dudek	\$ 279,070.00	\$ 5,570.00	\$ 29,349.30	
EFT794	8/25/2016	HAMM326-01	Strategic Communication Services	Hammons Strategies	\$ 18,500.00	\$ 4,500.00	\$ 9,500.00	
EFT786	8/19/2016	INSOL100-09	GP Software Annual Technical Support	Integrated System Solutions	\$ 3,000.00	\$ 148.50	\$ 2,851.50	
2023	8/19/2016	N&M326-01	Materials Testing - Reach V	Ninyo & Moore	\$ 50,000.00	\$ 3,889.00	\$ 8,265.00	
2039	8/25/2016	2016-45	IE Brine Line Reach V Rehab - Phase 2 Nichols Road	Pechanga Band of Luiseno Indians	\$ 11,615.00	\$ 2,165.52	\$ 1,114.34	
2038	8/25/2016	PRB100-01	Strategic Review	Paul Redvers Brown	\$ 40,000.00	\$ 3,190.00	\$ -	
EFT790	8/25/2016	RISK374-06	Basin Monitoring TF	Risk Sciences	\$ 73,000.00	\$ 2,917.15	\$ 70,082.85	
EFT790	8/25/2001	RISK384-08	MSAR TMDL TF	Risk Sciences	\$ 87,300.00	\$ 2,917.15	\$ 74,008.27	
EFT774	8/11/2016	TRU240-17	Develop New TSS Formation Billing Formula	Trussell Technologies	\$ 48,994.00	\$ 34,285.00	\$ 64.04	
2017	8/11/2016	VALI326-02	Reach V Rehabilitation & Improvements - Construction Mnanagement	Vali Cooper & Associates	\$ 1,445,209.00	\$ 39,057.72	\$ 401,091.11	
2017	8/11/2016	VALI326-03	Reach V Rehabilitation & Improvements - Phase 2	Vali Cooper & Associates	\$ 196,380.00	\$ 41,722.36	\$ 92,572.64	
2034	8/25/2016	WCA100-01	State Legislative Consulting Services FY16-18	West Coast Advisors	\$ 345,000.00	\$ 11,500.00	\$ 250,000.00	
					<u>\$ 183,259.73</u>			

**COMMISSION MEMORANDUM NO. 2016.90**

**DATE:** October 18, 2016  
**TO:** SAWPA Commission  
**SUBJECT:** Inter-Fund Borrowing – August 2016  
**PREPARED BY:** Karen Williams, Chief Financial Officer

**RECOMMENDATION**

It is recommended that the Commission receive and file the informational report on short-term, cash-flow inter-fund borrowing.

**DISCUSSION**

On December 13, 2005, the Commission approved Resolution No. 452, Inter-Fund and Inter-Project Loan Policy. Staff was directed to bring back an accounting of the loans each month for review when the total exceeded \$250,000 in aggregate.

The following projects, with negative cash flow, are listed below with the amounts borrowed from SAWPA General Fund Reserves in August 2016. The total amount borrowed is over the aggregate \$250,000 amount recommended in Resolution No. 452, Inter-Fund and Inter-Project Loan Policy. The Commission has requested that this item be brought back each month as an informational item when the loan amount is under the \$250,000 aggregate amount.

Fund	Fund Name	07/31/16 Balance	Loan Receipts	New Charges	08/31/16 Balance
130	Proposition 84 Admin	\$30,798.04	(\$0.00)	\$3,617.89	\$34,415.93
135	Proposition 84 Admin R2	46,099.65	(0.00)	9,513.28	55,612.93
140	Proposition 84 Admin R3	6,000.24	(0.00)	6,087.83	12,088.07
145	Proposition 84 Admin R4	168,540.04	(0.00)	23,246.92	191,786.96
477	LESJWA Administration	10,734.24	(12,096.18)	28,905.82	27,543.88
504	Prop 84 - Drought Projects	355,790.84	(60,948.14)	26,696.77	321,539.47
	<b>Total Funds Borrowed</b>	<b>\$617,963.05</b>	<b>(\$73,044.32)</b>	<b>\$98,068.51</b>	<b>\$642,987.24</b>
	General Fund Reserves Balance		\$3,272,268.19		
	Less Amount Borrowed		<u>642,987.24</u>		
	Balance of General Fund Reserves		\$2,629,280.95		

The following table lists each fund that has a negative cash flow, the source of funding for the fund, how often the fund is billed, and the projected rate of payment for the fund.

**NEGATIVE CASH-FLOW FUNDS**

Fund No.	Source of Funding	Billing Frequency	Projected Payment Time
130,135,140, 145 – Proposition 84 Admin	DWR – Prop 84 Grant	Monthly	Up to 6 months
477 – LESJWA Admin	Reimbursement from LESJWA	Monthly	2 to 4 weeks
504 - Proposition 84 Drought Projects	DWR – Prop 84 Grant	Monthly	Up to 6 months

**Fund 130**

The outstanding balance of the funds due from DWR is the mandatory 10% retention from each invoice billed. Retention funds will not be released until the Proposition 84 Round I contract is completed in 2017.

**Fund 135**

This fund is for the administration of Proposition 84 Round II grant funds. These funds will be billed quarterly and 10% will be withheld for retention.

**Fund 140**

This fund is for the administration of Proposition 84 Drought Round grant funds. These funds will be billed quarterly and 10% will be withheld for retention.

**Fund 145**

This fund is for the administration of Proposition 84 Round 2015 grant funds. These funds will be billed quarterly and 10% will be withheld for retention.

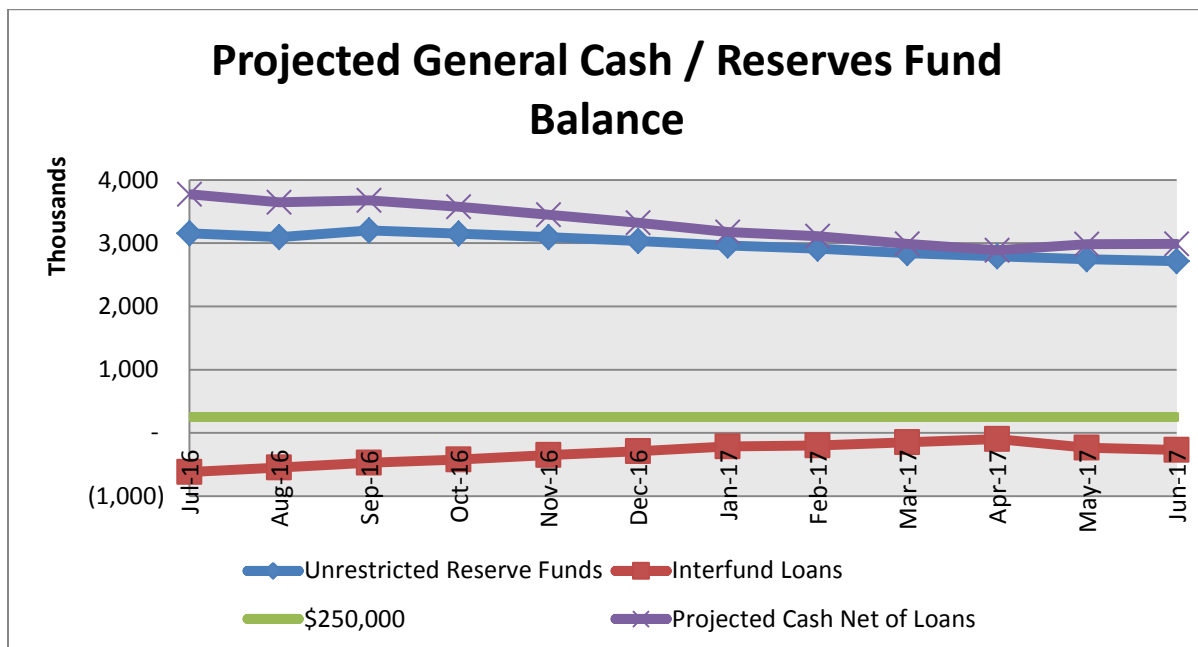
**Fund 477**

Each month LESJWA is billed the cost for administering the JPA. Once the bill is received, LESJWA submits payment within two weeks.

**Fund 504**

This fund is for the implementation of drought related projects which are administered through PA-22 and PA23.

The following graph shows projected inter-fund loan balances, total unrestricted General Fund Reserves available for loans, and projected cash net of loans through June 2017. The projected loan balance is expected to remain over the \$250,000 aggregate limit through June 2017 because of Proposition 84 Grants, but can be covered by General Fund Reserves without a major impact on cash flow.



**RESOURCE IMPACTS**

The funds borrowed from the General Fund Reserves will be paid back with interest when the funding is received. Interfund loans for grants are not charged interest unless the grant contracts specifically states interest is eligible for reimbursement. Budgeted expenditures from the General Fund and proposed borrowings are not expected to have an impact on the General Fund Reserves balance.

CM 2016.90 Interfund Borrowing August 2016

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## COMMISSION MEMORANDUM NO. 2016.91

**DATE:** October 18, 2016  
**TO:** SAWPA Commission  
**SUBJECT:** Performance Indicators and Financial Reporting – August 2016  
**PREPARED BY:** Karen Williams, Chief Financial Officer

### RECOMMENDATION

It is recommended that the Commission receive and file staff's report.

### DISCUSSION

The attached reports have been developed to keep the Commission informed as to SAWPA's business and budget performance. These reports are categorized into the following groups: financial reporting, cash and investments, and performance indicators. They are explained in detail below. As new reports are developed, they will be added for the Commission's review.

#### Financial Reporting

Balance Sheet by Fund Type	Lists total assets, liabilities, and equity by fund type for a given period.
Revenue & Expense by Fund Type	Lists total revenue and expenses by fund type for a given period.
Receivables Management	Shows total outstanding accounts receivable by age.
Open Task Order Schedule	Shows SAWPA's total outstanding obligation for open task orders.
Debt Service Funding Analysis	Shows total annual income by source used to make debt service payments through debt maturity at FYE 2033.
Debt Service Payment Schedule	Shows total debt service interest and principal payments through debt maturity at FYE 2033.

#### Cash and Investments

Total Cash and Investments (chart)	Shows the changes in cash and investments for the fiscal year.
Reserve Balance & Source of Funds	Shows total cash and investments for all SAWPA funds and the types of investments held for each fund.
Cash & Investments (pie chart)	Shows total cash and investments for all SAWPA funds and the percentage of each investment type.
Reserve Account Analysis	Shows changes to each reserve account for the year and projected ending balance for each.
Twelve Month Security Schedule (chart)	Shows the maturity dates for securities held and percentage of securities in each category.
Treasurer's Report	Shows book and market value for both Treasury strips and securities held by the Agency.

**Performance Indicators**

Average Daily Flow by Month	Shows total flow in the SARI System by month compared to total treatment capacity owned. This is an indicator of the available capacity in the line. As we add yearly flows, it will show trends in flow throughout the year.
Summary of Labor Multipliers	Summarizes the information generated from the following two reports and compares the actual benefit and G&A Allocation rates to the total budgeted rates.
General Fund Costs	Lists total Fund No. 100 costs to date and the amount of those costs recovered through the G&A Allocation and member contributions.
Benefit Summary	Lists total employee benefit costs actual to budget and projects them through the end of the year. This report compares how the actual benefit rate compares to the budgeted rate.
Labor Hours Budget vs. Actual	Shows total budgeted hours for each project and compares them to the actual hours charged to each.

**RESOURCE IMPACTS**

Staff expects minimal impacts to SAWPA or its member agencies related to this effort.

Attachments:

- |                                       |   |
|---------------------------------------|---|
| 1. Balance Sheet by Fund Type         | 9. Reserve Account Analysis                     |
| 2. Revenue & Expense by Fund Type     | 10. Twelve-Month Maturity Schedule - Securities |
| 3. Accounts Receivable Aging Report   | 11. Treasurer's Report                          |
| 4. Open Task Order Schedule           | 12. Average Daily Flow by Month                 |
| 5. Debt Service Funding Analysis      | 13. Summary of Labor Multipliers                |
| 6. Debt Service Payment Schedule      | 14. General Fund Costs                          |
| 7. Total Cash and Investments (chart) | 15. Benefits                                    |
| 8. Reserve Balance & Source of Funds  | 16. Labor Hours Budgeted vs. Actual             |

Santa Ana Watershed Project Authority  
Balance Sheet by Fund Type  
For the One Month Ending Sunday, July 31, 2016

	Capital Projects	Grants/ Contracts	Planning	Collaborative Projects	SAWPA General	Brine Line Enterprise	Fund Totals
<b>Assets</b>							
<b>Current Assets</b>							
Cash and Investments	(\$985,390.70)	(\$360,640.21)	\$820,768.46	\$2,272,411.85	\$3,973,703.22	\$50,239,470.62	\$55,960,323.24
Accounts Receivable	516,157.00	1,388,307.29	0.00	566,407.00	46,951.77	1,633,044.60	4,150,867.66
Installment Notes Receivable	0.00	0.00	0.00	0.00	0.00	4,413,637.91	4,413,637.91
Interest Receivable	0.00	0.00	0.00	0.00	0.00	73,993.39	73,993.39
Prepays and Deposits	0.00	0.00	0.00	0.00	519,113.15	191,990.85	711,104.00
<b>Total Current Assets</b>	<b>(469,233.70)</b>	<b>1,027,667.08</b>	<b>820,768.46</b>	<b>2,838,818.85</b>	<b>4,539,768.14</b>	<b>56,552,137.37</b>	<b>65,309,926.20</b>
<b>Fixed Assets</b>							
Property, Plant & Equipment less accum depreciation	0.00	0.00	0.00	0.00	1,196,699.36	66,546,527.80	67,743,227.16
Work In Process	10,772,934.08	0.00	0.00	0.00	0.00	0.00	10,772,934.08
<b>Total fixed assets</b>	<b>10,772,934.08</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>1,196,699.36</b>	<b>66,546,527.80</b>	<b>78,516,161.24</b>
<b>Other Assets</b>							
Wastewater treatment/disposal rights, net of amortization	0.00	0.00	0.00	0.00	0.00	30,335,751.17	30,335,751.17
Inventory - Mitigation Credits	0.00	0.00	0.00	1,910,560.00	0.00	0.00	1,910,560.00
<b>Total Other Assets</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>1,910,560.00</b>	<b>0.00</b>	<b>30,335,751.17</b>	<b>32,246,311.17</b>
<b>Total Assets</b>	<b>\$10,303,700.38</b>	<b>\$1,027,667.08</b>	<b>\$820,768.46</b>	<b>\$4,749,378.85</b>	<b>\$5,736,467.50</b>	<b>\$153,434,416.34</b>	<b>\$176,072,398.61</b>
<b>Liabilities and Fund Equity</b>							
<b>Current Liabilities</b>							
Accounts Payable/Accrued Expenses	\$664,474.26	\$1,164,279.64	\$536.15	\$135,504.22	\$628,357.76	\$1,301,930.79	\$3,895,082.82
Accrued Interest Payable	0.00	0.00	0.00	0.00	0.00	313,728.28	313,728.28
<b>Noncurrent Liabilities</b>							
Long-term Debt	3,575,727.68	0.00	0.00	0.00	2,169,716.00	21,656,070.62	27,401,514.30
Deferred Revenue	0.00	0.00	0.00	0.00	0.00	75,229,441.50	75,229,441.50
<b>Total Liabilities</b>	<b>4,240,201.94</b>	<b>1,164,279.64</b>	<b>536.15</b>	<b>135,504.22</b>	<b>2,798,073.76</b>	<b>98,501,171.19</b>	<b>106,839,766.90</b>
<b>Fund Equity</b>							
Contributed Capital	0.00	0.00	0.00	0.00	0.00	20,920,507.03	20,920,507.03
Retained Earnings	6,063,498.44	343,590.42	196,942.89	3,936,709.81	1,846,081.49	33,593,996.49	45,980,819.54
Revenue Over/Under Expenditures	0.00	(480,202.98)	623,289.42	677,164.82	1,092,312.25	418,741.63	2,331,305.14
<b>Total Fund Equity</b>	<b>6,063,498.44</b>	<b>(136,612.56)</b>	<b>820,232.31</b>	<b>4,613,874.63</b>	<b>2,938,393.74</b>	<b>54,933,245.15</b>	<b>69,232,631.71</b>
<b>Total Liabilities &amp; Fund Equity</b>	<b>\$10,303,700.38</b>	<b>\$1,027,667.08</b>	<b>\$820,768.46</b>	<b>\$4,749,378.85</b>	<b>\$5,736,467.50</b>	<b>\$153,434,416.34</b>	<b>\$176,072,398.61</b>

**Santa Ana Watershed Project Authority**  
**Revenue & Expenses by Fund Type**  
**For the One Month Ending Sunday, July 31, 2016**

	Capital Projects	Grants/ Contracts	Planning	Collaborative Projects	SAWPA General	Brine Line Enterprise	Fund Totals
<b>Operating Revenue</b>							
Discharge Fees	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$911,242.03	\$911,242.03
Grant Proceeds	0.00	(1,547,755.68)	0.00	13,233.26	0.00	0.00	(1,534,522.42)
Financing Proceeds	0.00	12,039.29	0.00	0.00	0.00	0.00	12,039.29
Total Operating Revenue	0.00	(1,535,716.39)	0.00	13,233.26	0.00	911,242.03	(611,241.10)
<b>Operating Expenses</b>							
Labor	0.00	24,423.40	15,356.60	8,460.42	107,485.56	65,949.47	221,675.45
Benefits	0.00	10,599.76	6,664.76	3,671.81	34,016.22	28,622.07	83,574.62
G&A Allocation	0.00	38,564.56	24,248.07	13,359.01	0.00	104,134.22	180,305.86
Education & Training	0.00	0.00	0.00	0.00	647.91	0.00	647.91
Consulting & Professional Services	0.00	0.00	0.00	56,359.17	18,838.50	27,870.00	103,067.67
Operating Costs	0.00	0.00	0.00	0.00	340.38	210,869.46	211,209.84
Repair & Maintenance	0.00	0.00	0.00	0.00	5,707.53	3,839.26	9,546.79
Phone & Utilities	0.00	0.00	0.00	0.00	5,944.21	665.00	6,609.21
Equipment & Computers	0.00	0.00	0.00	0.00	37,622.24	2,326.00	39,948.24
Meeting & Travel	0.00	0.00	125.55	0.00	1,324.08	0.00	1,449.63
Other Administrative Costs	0.00	10,000.00	315.60	0.00	6,013.10	1,421.36	17,750.06
Benefits Applied	0.00	0.00	0.00	0.00	95,305.01	0.00	95,305.01
G&A Applied	0.00	0.00	0.00	0.00	(206,022.34)	0.00	(206,022.34)
Other Expenses	0.00	0.00	0.00	0.00	2,993.63	14,692.43	17,686.06
Construction	0.00	(1,129,101.10)	0.00	0.00	0.00	0.00	(1,129,101.10)
Total Operating Expenses	0.00	(1,045,513.38)	46,710.58	81,850.41	110,216.03	460,389.27	(346,347.09)
Operating Income (Loss)	0.00	(490,203.01)	(46,710.58)	(68,617.15)	(110,216.03)	450,852.76	(264,894.01)
<b>Nonoperating Income (Expense)</b>							
Member Contributions	0.00	10,000.00	670,000.00	146,104.00	699,305.00	0.00	1,525,409.00
Other Agency Contributions	0.00	0.00	0.00	599,678.00	0.00	0.00	599,678.00
Interest Income	0.00	0.00	0.00	0.00	0.00	(1,852.39)	(1,852.39)
Interest Expense - Debt Service	0.00	0.00	0.00	0.00	0.00	(30,258.74)	(30,258.74)
Use of Reserves	0.00	0.00	0.00	0.00	(7,902.72)	0.00	(7,902.72)
Total Nonoperating Income (Expense)	0.00	10,000.00	670,000.00	745,782.00	691,402.28	(32,111.13)	2,085,073.15
Excess Rev over (under) Exp	\$0.00	(\$480,203.01)	\$623,289.42	\$677,164.85	\$581,186.25	\$418,741.63	\$1,820,179.14

Aging Report  
Santa Ana Watershed Project Authority  
Receivables as of August 31, 2016

Customer Name	Project	Total	Current	0-30 Days	31-60 Days	61 and Over
City of Beaumont	Basin Monitoring	20,180.00			20,180.00	
Chino Basin Desalter Authority	Brine Line	161,269.04			161,269.04	
Department of Water Resources	Prop 84, WECAN	1,352,665.37		27,834.90	137,316.58	1,187,513.89
Eastern Municipal Water District	Brine Line	183,237.50			183,237.50	
Inland Empire Utilities Agency	Brine Line	154,759.56			154,759.56	
Lake Elsinore & San Jacinto Watersheds Authority	JPA Administration	28,924.81		28,924.81		
Orange County Water District	Member Agency Contributions	46,000.00				46,000.00
Riverside County Flood Control District	MSAR TMDL	75,569.00				75,569.00
City of Rialto	Emerging Constituents	2,692.00				2,692.00
Western Municipal Water District	Brine Line	371,440.38			330,955.95	40,484.43
Total Accounts Receivable		2,396,737.66	-	56,759.71	987,718.63	1,352,259.32

Santa Ana Watershed Project Authority  
Open Task Orders Schedule  
As of August 2016

Task Order No. Project Contracts	Vendor No.	Vendor Name	Task Description	Begin Date	End Date	Original Contract	Change Orders	Total Contract	Billed To Date	Contract Balance	SAWPA Manager
PO3326	1699	A Cone Zone	Traffic Control Instrument Rentals	07/01/2016	06/30/2017	\$ 1,000.00	\$ 1,700.00	\$ 2,700.00	\$ 252.65	\$ 2,447.35	Carlos Quintero
PO3330	1983	Airgas USA LLC	Compressed Gas	07/01/2016	06/30/2017	\$ 1,000.00	\$ -	\$ 1,000.00	\$ 35.32	\$ 964.68	Carlos Quintero
KEN504-301	2062	Ken Baerenklau	Conservation Based Water Rates Support	04/21/2015	06/30/2016	\$ 25,000.00	\$ -	\$ 25,000.00	\$ 9,012.50	\$ 15,987.50	Mark Norton
CARO240-03	1508	Carollo Engineering	Financial Planning Update 2016	08/05/2014	12/31/2016	\$ 15,000.00	\$ -	\$ 15,000.00	\$ 11,307.60	\$ 3,692.40	Rich Haller
CDM386-11	1575	CDM Smith	SAR Bacteria Monitoring Program	12/07/2015	06/30/2017	\$ 337,635.00	\$ -	\$ 337,635.00	\$ 148,940.79	\$ 188,694.21	Rick Whetsel
CDM374-01	1575	CDM Smith	Triennial Ambient Water Quality Update Precomputation	08/15/2016	06/30/2017	\$ 349,960.00	\$ -	\$ 349,960.00	\$ -	\$ 349,960.00	Mark Norton
Construction	2053	Charles King Company Inc	IEBL Reach V Rehabilitation & Improvement - Phase 1	10/31/2014	03/11/2016	\$ 12,561,316.00	\$ (4,375.12)	\$ 12,556,940.88	\$ 5,584,956.32	\$ 6,971,984.56	David Ruhl
WO2017-19	2070	City of Colton Police Department	Enforcement Santa Ana River Main Stem	08/10/2016	06/30/2017	\$ 6,200.00	\$ -	\$ 6,200.00	\$ -	\$ 6,200.00	Ian Achimore
PO3285	2110	Community Action Partnership of San Bernardino	Green House Gas Contract - WECAN	06/20/2016	09/30/2017	\$ 868,153.00		\$ 868,153.00		\$ 868,153.00	Mike Antos
PO3289	2112	Community Action Partnership of Orange County	Green House Gas Contract - WECAN	06/27/2016	09/30/2017	\$ 16,628.00		\$ 16,628.00		\$ 16,628.00	Mike Antos
WO2016-37	1486	David Jenkins & Associates Inc	Third Party Review Trussell Technology's Brine Line Evaluation	02/27/2016	06/30/2016	\$ 10,000.00	\$ 10,000.00	\$ 20,000.00	\$ 16,804.72	\$ 3,195.28	Rich Haller
DEGR392-02	2086	DeGrave Communications	Social Media Support - EC TF	08/15/2016	06/30/2017	\$ 30,000.00		\$ 30,000.00	\$ 5,793.50	\$ 24,206.50	Mark Norton
DOUG240-01	2032	Douglas Environmental Group	Meter Calibration	06/29/2015	06/30/2017	\$ 34,330.00	\$ -	\$ 34,330.00	\$ 10,325.00	\$ 24,005.00	Carlos Quintero
WO2016-20	2032	Douglas Environmental Group	Meter Servicing	08/26/2015	06/30/2016	\$ 900.00	\$ -	\$ 900.00	\$ 180.00	\$ 720.00	Carlos Quintero
DUDK326-02	1969	Dudek	Reach V Rehabilitation and Improvement Project	10/28/2014	12/31/2016	\$ 214,650.00	\$ 64,420.00	\$ 279,070.00	\$ 249,720.70	\$ 29,349.30	David Ruhl
DUDK326-04	1969	Dudek	Reach V Rehabilitation and Improvement Project Phase 2 Engineering	03/02/2016	12/31/2016	\$ 64,300.00	\$ -	\$ 64,300.00	\$ 45,984.30	\$ 18,315.70	David Ruhl
ECOT397-01	2097	Ecotech	WECAN Landscaping Project	05/26/2016	09/30/2017	\$ 1,300,000.00		\$ 1,300,000.00		\$ 1,300,000.00	Mike Antos
WO2017-02	1404	E S Babcock	Brine Line Sample Collection & Analysis	07/12/2016	06/30/2017	\$ 87,000.00		\$ 87,000.00	\$ 9,295.00	\$ 77,705.00	Carols Quintero
GMC397-01	2098	Green Media Creations	WECAN Outreach and Management	05/26/2016	09/30/2017	\$ 170,000.00	\$ -	\$ 170,000.00	\$ 16,686.25	\$ 153,313.75	Mike Antos
HAMM326-01	2105	Hammons Strategies	Strategic Communication Services	05/24/2016	09/15/2016	\$ 18,500.00		\$ 18,500.00	\$ 9,000.00	\$ 9,500.00	Rich Haller
HAZ240-06	1349	Haz Mat Trans Inc	On Call Debris Hauling and Disposal	06/29/2015	06/30/2017	\$ 35,040.00	\$ -	\$ 35,040.00	\$ 23,150.72	\$ 11,889.28	Carlos Quintero
HAZ240-07	1349	Haz Mat Trans Inc	On Call Draining and Emergency Clean Up	06/29/2015	06/30/2017	\$ 98,215.00	\$ -	\$ 98,215.00	\$ 3,535.00	\$ 94,680.00	Carlos Quintero
HOU240-01	2075	Houston Harris PCS Inc	On Call Pipeline Inspection Services	06/18/2015	06/30/2017	\$ 48,083.00	\$ -	\$ 48,083.00	\$ 11,566.48	\$ 36,516.52	Carlos Quintero
HOU240-02	2075	Houston Harris PCS Inc	Brine Line On Call Pipeline Cleaning Services	06/16/2015	06/30/2017	\$ 318,120.00	\$ 225,000.00	\$ 543,120.00	\$ 212,527.50	\$ 330,592.50	Carlos Quintero
WO2017-09	1032	Inland Empire Utilities Agency	Reach IV-A Upper Support	07/01/2016	06/30/2017	\$ 10,000.00	\$ -	\$ 10,000.00	\$ -	\$ 10,000.00	Carlos Quintero
INN240-02	1450	Innerline Engineering Inc	Brine Line On-Call Line Cleaning	06/29/2015	06/30/2017	\$ 46,900.00	\$ -	\$ 46,900.00	\$ 42,233.09	\$ 4,666.91	Carlos Quintero
PO3331	2058	K&H Metals and Supplies	Materials & Supplies	07/01/2016	06/30/2017	\$ 1,000.00		\$ 1,000.00	\$ 213.26	\$ 786.74	Carlos Quintero
NATU240-02	1873	Natures Image Inc	ROW Maintenance	07/01/2015	06/30/2017	\$ 17,496.00	\$ -	\$ 17,496.00	\$ 2,444.50	\$ 15,051.50	Carlos Quintero
N&M326-01	2071	Ninyo & Moore Geotechnical & Environmental	Materials Testing - Reach V	06/04/2015	06/30/2016	\$ 50,000.00	\$ -	\$ 50,000.00	\$ 41,735.00	\$ 8,265.00	David Ruhl
OMNI504-301-01	2085	OmniEarth Inc	Web Based Water Consumption Reporting	09/21/2015	12/31/2016	\$ 1,500,000.00	\$ -	\$ 1,500,000.00	\$ 656,349.75	\$ 843,650.25	Mark Norton
PO3280	1519	Orange County Coastkeeper	Green House Gas Contract - WECAN	06/07/2016	12/31/2017	\$ 92,520.00		\$ 92,520.00	\$ 50,277.63	\$ 42,242.37	Mike Antos
WO2017-15	1142	Orange County Water District	Bacteroides Analysis	07/01/2016	06/30/2017	\$ 25,000.00	\$ -	\$ 25,000.00		\$ 25,000.00	Rick Whetsel

Santa Ana Watershed Project Authority  
Open Task Orders Schedule  
As of August 2016

Task Order No. Project Contracts	Vendor No.	Vendor Name	Task Description	Begin Date	End Date	Original Contract	Change Orders	Total Contract	Billed To Date	Contract Balance	SAWPA Manager
WO2016-15	2018	Pechanga Band of Luiseno Indians	IE Brine Line Reach V Capital - Tribal Monitoring	07/27/2015	06/30/2016	\$ 6,210.00	\$ -	\$ 6,210.00	\$ -	\$ 6,210.00	David Ruhl
WO2016-45	2018	Pechanga Band of Luiseno Indians	IE Brine Line Reach V Rehab - Phase 2 Nichols Road	05/03/2016	06/30/2016	\$ 11,615.00	\$ -	\$ 11,615.00	\$ 10,500.66	\$ 1,114.34	Carlos Quintero
PRI240-01	2077	PRIMETECH Construction	On Call Potholing	06/29/2015	06/30/2017	\$ 34,400.00	\$ -	\$ 34,400.00	\$ -	\$ 34,400.00	Carlos Quintero
WO2016-16	2078	Ramtech Laboratories	Sampling	07/30/2015	06/30/2016	\$ 35,000.00	\$ 15,000.00	\$ 50,000.00	\$ 38,999.00	\$ 11,001.00	David Ruhl
PO3327	1975	Republic Services	Disposal Fee	07/01/2016	06/30/2017	\$ 10,000.00		\$ 10,000.00	\$ 1,656.49	\$ 8,343.51	Carlos Quintero
RESO504-301-01	1297	Resource Strategies Inc	OWOW 2014 Emergency Drought Implementation	03/10/2015	10/01/2016	\$ 38,050.00	\$ 104,345.00	\$ 142,395.00	\$ 130,765.00	\$ 11,630.00	Dean Unger
RISK374-06	1174	Risk Sciences	Basin Monitoring TF	07/27/2016	06/30/2017	\$ 73,000.00	\$ -	\$ 73,000.00	\$ 2,917.15	\$ 70,082.85	Mark Norton
RISK384-08	1174	Risk Sciences	MSAR TMDL Task Force	07/12/2015	06/30/2017	\$ 87,300.00	\$ -	\$ 87,300.00	\$ 13,291.73	\$ 74,008.27	Rick Whetsel
SAWA323-01	1420	Santa Ana Watershed Association	Habitat Mitigation in Prado Basin	01/29/2010	12/31/2016	\$ 245,000.00	\$ -	\$ 245,000.00	\$ 219,953.71	\$ 25,046.29	Carlos Quintero
SRI326-02	2009	Statistical Research Inc	Reach V Repairs Project	05/24/2016	06/30/2016	\$ 2,889.52		\$ 2,889.52	\$ -	\$ 2,889.52	Carlos Quintero
TKE240-02	1995	TKE Engineering & Planning	Brine Line On-Call Land Surveying Services	06/26/2015	06/30/2017	\$ 30,300.00	\$ -	\$ 30,300.00	\$ 6,550.00	\$ 23,750.00	Carlos Quintero
PO3324	1961	Trench Shoring Inc	Facility Repair & Maintenance	07/01/2016	06/30/2017	\$ 1,000.00	\$ -	\$ 1,000.00		\$ 1,000.00	Carlos Quintero
PO3328	1974	Tripac Marketing	Misc Maintenance Items	07/01/2016	06/30/2017	\$ 5,000.00		\$ 5,000.00		\$ 5,000.00	Carlos Quintero
TRU240-14	1915	Trussell Technologies Inc	S-01 Monitoring Point - Stinger-Probe Evaluation	06/12/2015	06/30/2016	\$ 25,016.00	\$ -	\$ 25,016.00	\$ 1,254.00	\$ 23,762.00	Rich Haller
TRU240-17	1915	Trussell Technologies Inc	Develop New TSS Formation Billing Formula	05/24/2016	07/31/2016	\$ 48,994.00	\$ -	\$ 48,994.00	\$ 48,929.96	\$ 64.04	Rich Haller
PO3329	1771	United Storm Water Inc	Dewatering Bins, Ramps, Hauling Services	07/01/2016	06/30/2017	\$ 10,000.00		\$ 10,000.00		\$ 10,000.00	Carlos Quinto
VALI326-02	2034	Vali Cooper & Associates Inc	Reach V Rehabilitation & Improvements - Construction Management	10/28/2014	12/31/2016	\$ 818,610.00	\$ 626,599.00	\$ 1,445,209.00	\$ 1,044,117.89	\$ 401,091.11	David Ruhl
VALI326-03	2034	Vali Cooper & Associates Inc	Reach V Rehabilitation & Improvements Phase 2	02/25/2016	12/31/2016	\$ 196,380.00	\$ -	\$ 196,380.00	\$ 103,807.36	\$ 92,572.64	David Ruhl
PO3284 Construction	1853	WEKA	IEBL Reach V Rehab & Improvements Phase 2	02/22/2016	09/24/2016	\$ 1,941,969.00		\$ 1,941,969.00	\$ 1,617,543.05	\$ 324,425.95	David Ruhl
WO2016-02	1217	Western Municipal Water District	Brine Line Operations & Maintenance	07/15/2015	06/30/2016	\$ 119,000.00	\$ -	\$ 119,000.00	\$ 108,620.30	\$ 10,379.70	David Ruhl
WO2017-01	1217	Western Municipal Water District	Brine Line Operations & Maintenance	07/01/2016	06/30/2017	\$ 117,000.00		\$ 117,000.00		\$ 117,000.00	David Ruhl
<b>Annual Support Contracts</b>											
ACS100-08	1842	Accent Computer Solutions	IT Support	03/23/2016	06/30/2017	\$ 36,750.00	\$ -	\$ 36,750.00	\$ 12,423.50	\$ 24,326.50	Dean Unger
INSOL100-09	1648	Integrated Systems Solutions	GP Software Annual Technical Support	08/15/2016	06/30/2017	\$ 3,000.00	\$ -	\$ 3,000.00	\$ 148.50	\$ 2,851.50	Dean Unger
INSOL100-08	1648	Integrated Systems Solutions	GP Upgrade and Encryption	08/15/2015	11/01/2016	\$ 5,940.00	\$ -	\$ 5,940.00	\$ 429.00	\$ 5,511.00	Dean Unger
PO3322	1544	County of Riverside	Gas for Vehicles	07/01/2016	06/30/2017	\$ 8,000.00	\$ -	\$ 8,000.00		\$ 8,000.00	Carlos Quintero
PO3323	2067	County of Riverside/Transportation	Diesel Fuel	07/01/2016	06/30/2017	\$ 4,000.00		\$ 4,000.00		\$ 4,000.00	Carlos Quintero
PO3325	2038	Riverside Transmission Center	Agency Vehicle Maintenance	07/01/2016	06/30/2017	\$ 3,500.00	\$ -	\$ 3,500.00		\$ 3,500.00	Carlos Quintero
STET100-01	2052	Stetson Engineers Inc	Resilience-based Project Scoring Rubric	02/12/2015	02/28/2016	\$ 29,900.00	\$ -	\$ 29,900.00	\$ 22,239.82	\$ 7,660.18	Larry McKenney
TTD100-02	2096	The Technology Depot	Phone System Support	09/06/2016	06/30/2017	\$ 4,000.00	\$ -	\$ 4,000.00	\$ 1,277.50	\$ 2,722.50	Dean Unger
TECH100-01	2095	Technology Systems	Website Tasks Support	01/19/2016	06/30/2016	\$ 3,400.00	\$ -	\$ 3,400.00	\$ 1,700.00	\$ 1,700.00	Dean Unger
WCA100-03-02	1326	West Coast Advisors	State Legislative Consulting Services FY16-18	11/24/2015	12/31/2018	\$ 345,000.00	\$ -	\$ 345,000.00	\$ 95,000.00	\$ 250,000.00	Celeste Cantú
WNDE100-04	1449	White Nelson Diehl Evans LLC	SAWPA Auditing Services	03/08/2016	06/30/2017	\$ 25,725.00	\$ -	\$ 25,725.00	\$ 4,000.00	\$ 21,725.00	Karen Williams
										\$ 13,074,131.20	

Santa Ana Watershed Project Authority  
 Brine Line Debt Service Funding Analysis  
 August 31, 2016

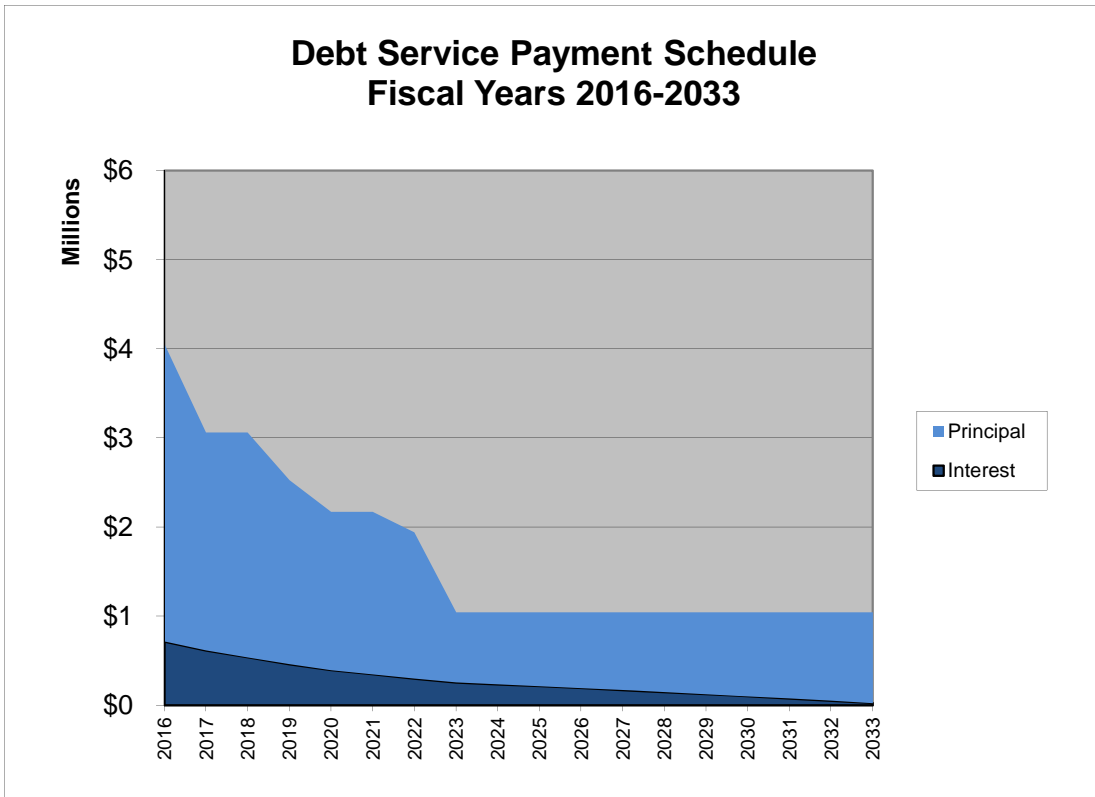
FYE	T-Strip Maturity (a)	Capacity Loan Receipts (b)	Rates ©	Loan Pymts ( d )	Interest Earned * (e)	Excess Cash	Ending Cash Balance
	Beginning Balance						3,223,985
2016	1,824,000	795,772	1,044,000	(4,054,945)	96,720	(294,454)	2,929,531
2017	949,000	795,772	1,044,000	(3,060,725)	58,591	(213,362)	2,716,169
2018	949,000	795,772	1,044,000	(3,060,725)	54,323	(217,629)	2,498,540
2019	395,000	528,582	1,044,000	(2,526,801)	49,971	(509,248)	1,989,292
2020	395,000	-	1,044,000	(2,170,551)	39,786	(691,765)	1,297,527
2021	395,000	-	1,044,000	(2,170,551)	25,951	(705,600)	591,927
2022	395,000	-	1,044,000	(1,943,236)	11,839	(492,398)	99,529
2023	-	-	1,044,000	(1,044,273)	1,991	1,717	101,247
2024	-	-	1,044,000	(1,044,273)	2,025	1,752	102,998
2025	-	-	1,044,000	(1,044,273)	2,060	1,787	104,785
2026	-	-	1,044,000	(1,044,273)	2,096	1,822	106,607
2027	-	-	1,044,000	(1,044,273)	2,132	1,859	108,466
2028	-	-	1,044,000	(1,044,273)	2,169	1,896	110,362
2029	-	-	1,044,000	(1,044,273)	2,207	1,934	112,296
2030	-	-	1,044,000	(1,044,273)	2,246	1,973	114,269
2031	-	-	1,044,000	(1,044,273)	2,285	2,012	116,281
2032	-	-	1,044,000	(1,044,273)	2,326	2,052	118,334
2033	-	-	1,044,000	(1,044,273)	2,367	2,094	120,427
	5,302,000	2,915,898	18,792,000	(30,474,539)	361,083	(3,103,558)	120,427

\*Interest earned is based on a conservative 2.00% average return over the period

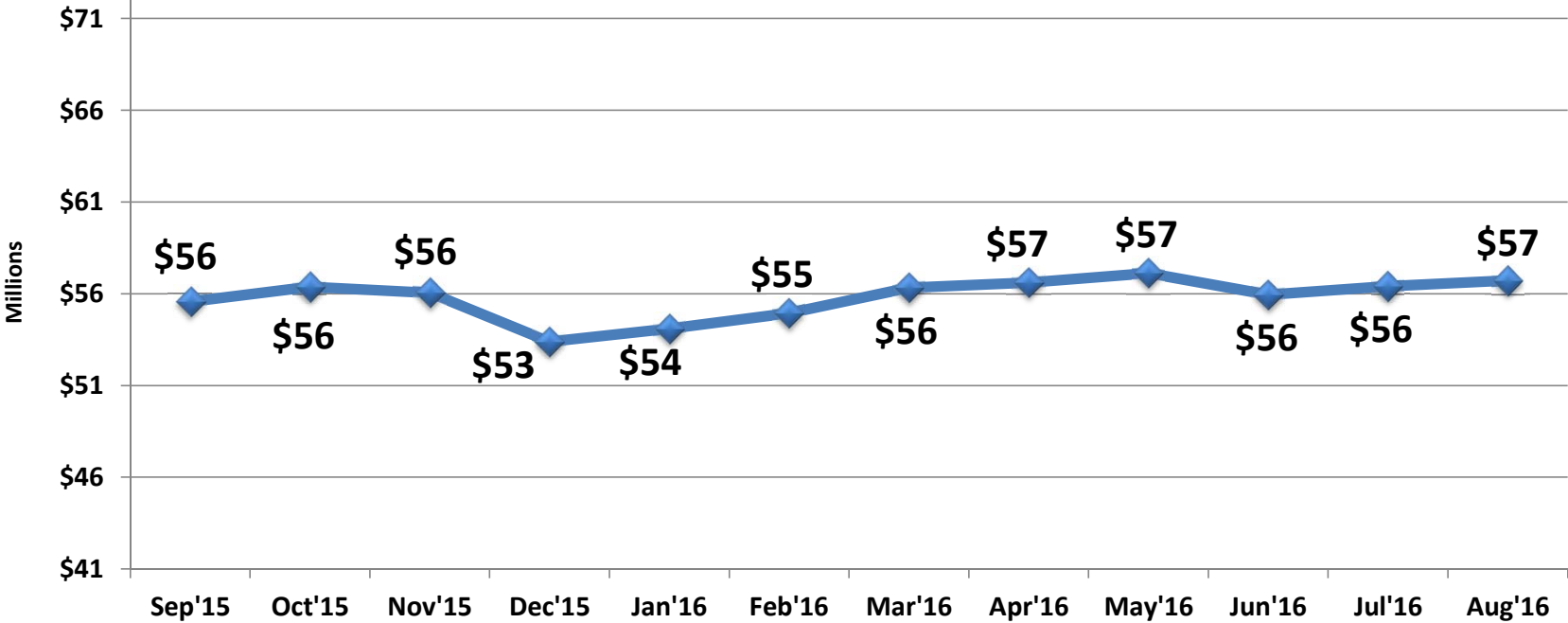


Santa Ana Watershed Project Authority  
 Brine Line Debt Service Payment Schedule  
 August 31, 2016

FYE	Interest	Principal	Total Payment	Remaining Principal
2016	716,441	3,338,504	4,054,945	22,152,302
2017	615,366	2,445,358	3,060,725	19,706,943
2018	539,727	2,520,997	3,060,725	17,185,946
2019	461,459	2,065,342	2,526,801	15,120,604
2020	395,403	1,775,147	2,170,551	13,345,457
2021	348,294	1,822,257	2,170,551	11,523,199
2022	299,932	1,643,304	1,943,236	9,879,895
2023	256,877	787,396	1,044,273	9,092,499
2024	236,405	807,868	1,044,273	8,284,631
2025	215,400	828,873	1,044,273	7,455,758
2026	193,850	850,424	1,044,273	6,605,335
2027	171,739	872,535	1,044,273	5,732,800
2028	149,053	895,220	1,044,273	4,837,580
2029	125,777	918,496	1,044,273	3,919,084
2030	101,896	942,377	1,044,273	2,976,707
2031	77,394	966,879	1,044,273	2,009,828
2032	52,256	992,018	1,044,273	1,017,810
2033	26,463	1,017,810	1,044,273	0



### Total Cash & Investments





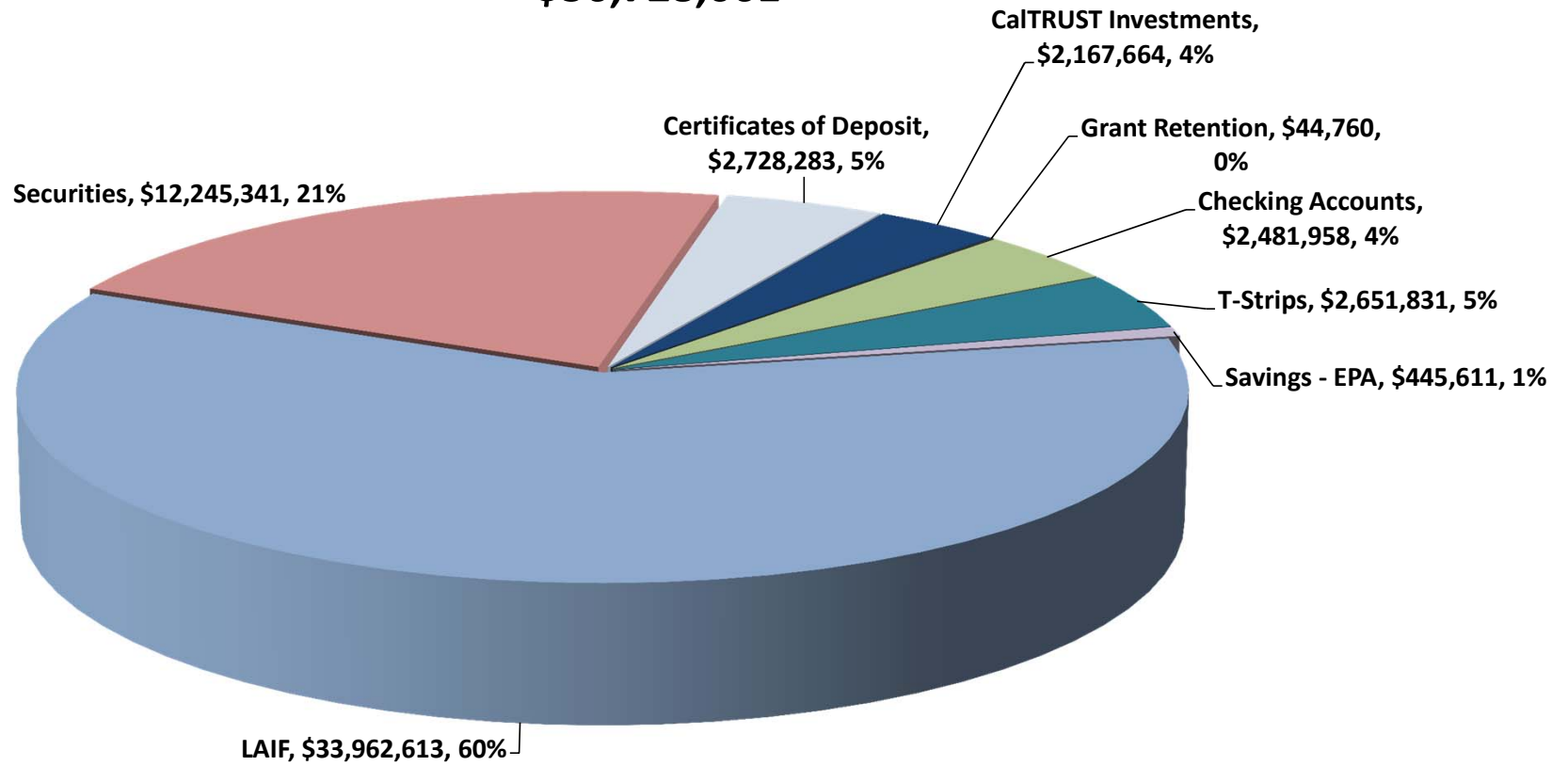
# RESERVE BALANCE & SOURCE OF FUNDS

*August 31, 2016*

Reserve Accounts		Cash and Investments										
	Total	Checking (Cash)	OCSD Escrow	Money Market	CalTRUST Investments	LAIF Account	Savings EPA	Investment Securities	Certificates of Deposit	Treasury Strips	Grant Retention	Total
100 General Fund	\$ 2,629,281	2,481,958		-	-	147,323	-	-	-	-	-	\$ 2,629,281
100 Building Reserve	\$ 828,063	-		-	-	828,063	-	-	-	-	-	\$ 828,063
370 Basin Planning General	\$ 374,258	-		-	-	374,258	-	-	-	-	-	\$ 374,258
370 USBR Partnership Studies	\$ 24,707	-		-	-	24,707	-	-	-	-	-	\$ 24,707
387 Mitigation Bank Credits	\$ 959,358	-		-	-	959,358	-	-	-	-	-	\$ 959,358
240 Self Insurance Reserve	\$ 3,739,967	-		-	-	3,739,967	-	-	-	-	-	\$ 3,739,967
240 Brine Line Debt Retirement	\$ 6,381,775	-		-	-	3,729,944	-	-	-	2,651,831	-	\$ 6,381,775
240 Brine Line - Pipeline Replacement	\$ 19,039,662	-	-	-	2,167,664	1,898,374	-	12,245,341	2,728,283	-	-	\$ 19,039,662
240 Brine Line - OCSD Rehabilitation	\$ 7,046,187	-		-	-	7,046,187	-	-	-	-	-	\$ 7,046,187
240 Brine Line - Capacity Management	\$ 7,198,787	-		-	-	7,198,787	-	-	-	-	-	\$ 7,198,787
240 Brine Line - OCSD Future Capacity	\$ 1,714,869	-		-	-	1,714,869	-	-	-	-	-	\$ 1,714,869
240 Brine Line - Flow Imbalance Reserve	\$ 83,246	-		-	-	83,246	-	-	-	-	-	\$ 83,246
240 Brine Line - Operating Reserve	\$ 4,066,002	-		-	-	4,066,002	-	-	-	-	-	\$ 4,066,002
401 Legal Defense Fund	\$ 445,611	-		-	-	-	445,611	-	-	-	-	\$ 445,611
373 Watershed Management Plan	\$ 326,408	-		-	-	326,408	-	-	-	-	-	\$ 326,408
372 Imported Water Recharge	\$ 19,662	-		-	-	19,662	-	-	-	-	-	\$ 19,662
374 Basin Monitoring Program TF	\$ 797,249	-		-	-	797,249	-	-	-	-	-	\$ 797,249
384 Middle SAR TMDL TF	\$ 390,426	-		-	-	390,426	-	-	-	-	-	\$ 390,426
386 Storm WQ Standards TF	\$ 98,498	-		-	-	98,498	-	-	-	-	-	\$ 98,498
381 SAR Fish Conservation	\$ 189,927	-		-	-	189,927	-	-	-	-	-	\$ 189,927
392 Emerging Constituents TF	\$ 125,530	-		-	-	125,530	-	-	-	-	-	\$ 125,530
397 Energy - Water DAC Grant	\$ 203,826	-		-	-	203,826	-	-	-	-	-	\$ 203,826
500 Prop 13 - Grant Retention	\$ 44,760	-		-	-	-	-	-	-	-	44,760	\$ 44,760
	\$ 56,728,061	\$ 2,481,958	\$ -	\$ -	\$ 2,167,664	\$ 33,962,613	\$ 445,611	\$ 12,245,341	\$ 2,728,283	\$ 2,651,831	\$ 44,760	\$ 56,728,061

## Cash & Investments - August 2016

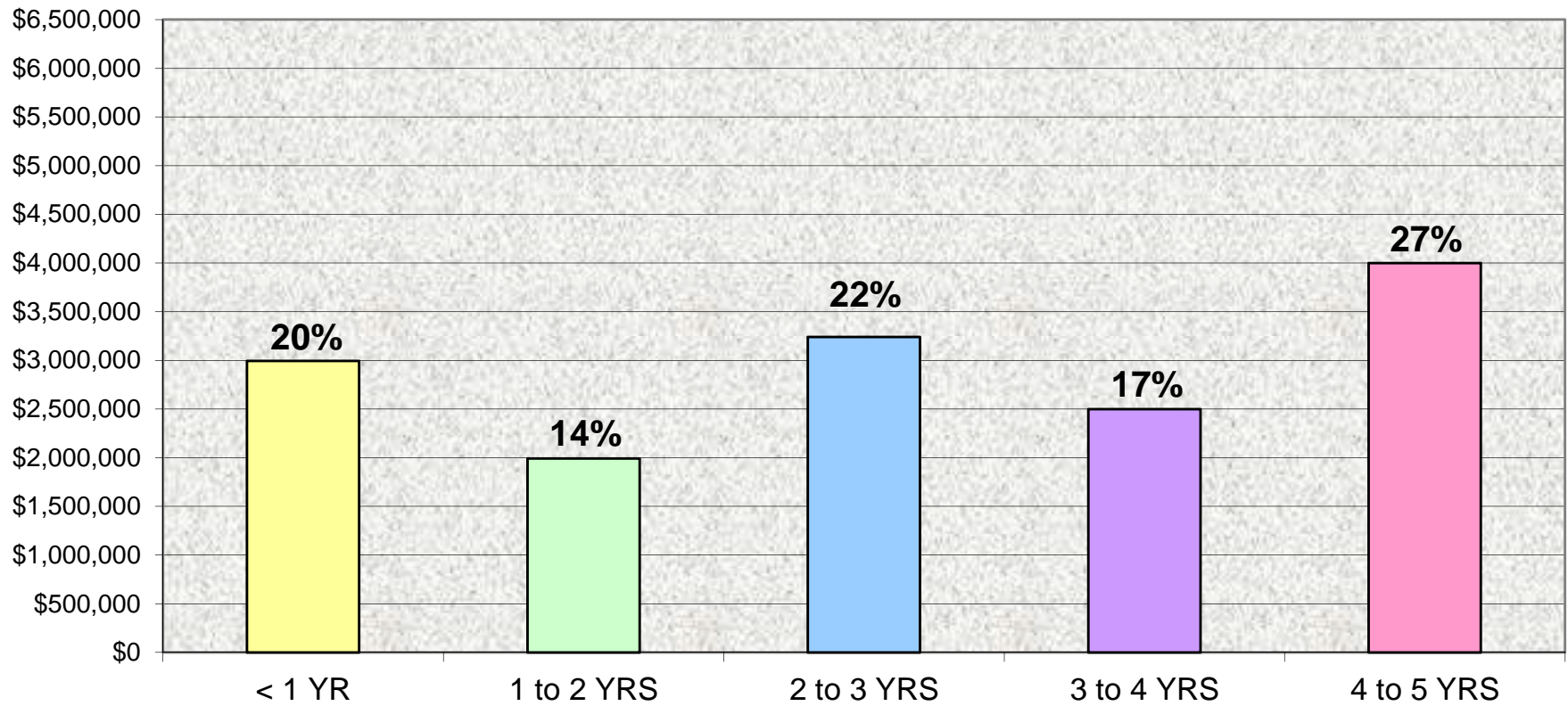
**\$56,728,061**



Santa Ana Watershed Project Authority  
Reserve Account Analysis  
August 31, 2016

Reserve Account	Balance @ 6/30/2016	Interest Earned	Fund Contributions	Loan/T-Strip Receipts	Debt Service Payments	Inter-Fund Loans	Fund Expenses	Balance @ 8/31/2016	Estimated Fund Changes	Balance @ 6/30/2017
Brine Line Operating Reserve	3,790,275	7,131	1,524,618				(1,256,022)	4,066,002	-	4,066,002
Flow Imbalance Reserve	83,084	162						83,246	-	83,246
OCSD Future Capacity	1,711,499	3,370						1,714,869	-	1,714,869
Capacity Management	7,197,751	1,036						7,198,787	-	7,198,787
Pipeline Replacement	19,919,329		166,667				(1,046,334)	19,039,662	(360,205)	18,679,457
OCSD Rehabilitation	6,949,290	13,562	83,335					7,046,187	416,665	7,462,852
Debt Retirement	3,954,338	7,142	84,708	267,188	(583,432)			3,729,944	(506,076)	3,223,869
Self Insurance	3,717,788	5,513	16,667					3,739,967	83,333	3,823,301
General Fund	2,267,163	4,639	700,679			(642,987)	299,788	2,629,281	-	2,629,281
Building Reserve	726,622	1,441	100,000					828,063	-	828,063
	46,325,606	43,997	2,676,673	267,188	(583,432)	(642,987)	(2,002,568)	50,076,008	(366,282)	49,709,726

## Twelve Month Maturity Schedule Securities



Investment T-Strips  
 Safekeeping US Bank

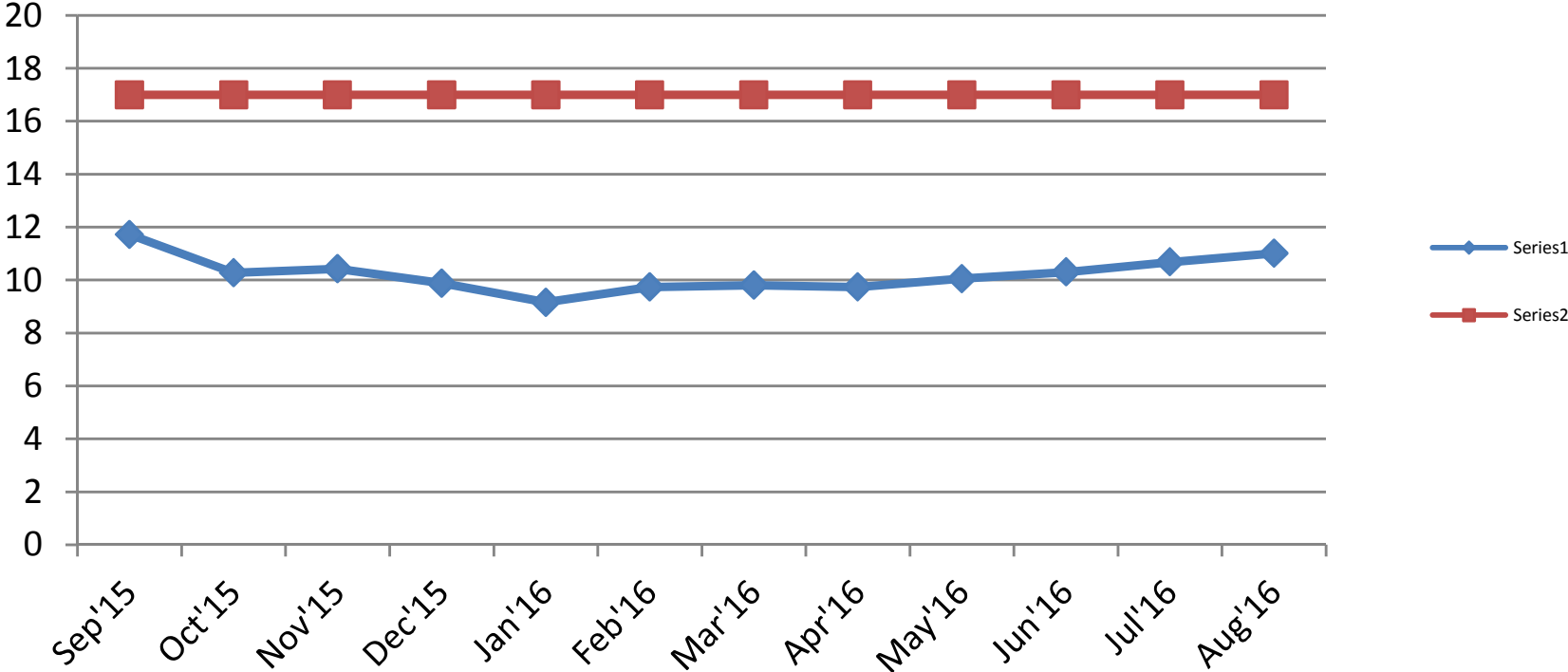
**SAWPA**  
**TREASURER'S REPORT**  
 As of August 31, 2016

T-STRIPS	Debt	Purchase Date	Maturity Date	PAR	Cost	Initial Discount	Current Discount	Book Value	Market Value	Interest Rate
USB	WEST RIV	07/09/1999	11/15/2017	668,000.00	219,833.00	448,167.88	122,517.83	545,482.17	664,759.20	6.33%
USB	WEST RIV	07/12/1999	05/15/2018	440,000.00	139,634.00	300,366.00	88,047.98	351,952.02	436,438.86	4.24%
USB	TVRI	02/11/2000	05/15/2020	1,580,000.00	485,356.25	1,094,643.75	371,081.77	1,208,918.23	1,550,632.94	5.12%
				\$ 2,688,000.00	\$ 844,823.25	\$ 1,843,177.63	\$ 581,647.58	2,106,352.42	\$ 2,651,831.00	5.23%

Investment Commercial  
 Safekeeping US Bank

Type	Security	Purchase Date	Maturity Date	Unit Cost	Cost	Principal	Current Value	Market Value	Interest Rate
Agency	FHLMC	3/27/2014	3/27/2019	109.33	\$ 546,650.00	\$ 500,000.00	\$ 500,000.00	535,012.50	3.75%
Agency	FHLMC	6/10/2014	3/8/2017	100.69	\$ 1,006,919.00	\$ 1,000,000.00	\$ 1,000,000.00	1,002,336.00	1.00%
Agency	FHLMC	11/18/2015	2/22/2017	100.28	\$ 501,400.00	\$ 500,000.00	\$ 500,000.00	500,962.00	0.88%
Agency	FHLB	5/26/2015	6/14/2019	100.80	\$ 504,015.00	\$ 500,000.00	\$ 500,000.00	508,120.50	1.63%
Agency	FHLB	11/18/2015	8/28/2017	99.78	\$ 499,030.00	\$ 500,000.00	\$ 500,000.00	500,243.00	0.75%
Agency	FHLB	6/16/2016	6/12/2020	102.61	\$ 1,026,088.00	\$ 1,000,000.00	\$ 1,000,000.00	1,020,644.00	1.75%
Agency	FNMA	3/27/2014	2/19/2019	100.40	\$ 501,975.00	\$ 500,000.00	\$ 500,000.00	511,096.00	1.88%
Agency	FNMA	3/27/2013	3/27/2018	100.00	\$ 1,000,000.00	\$ 1,000,000.00	\$ 1,000,000.00	1,001,127.00	1.00%
Agency	FNMA	12/28/2015	12/28/2020	100.21	\$ 1,002,140.00	\$ 1,000,000.00	\$ 1,000,000.00	1,026,411.00	1.88%
Agency	FNMA	6/16/2016	11/30/2020	101.52	\$ 1,015,157.00	\$ 1,000,000.00	\$ 1,000,000.00	1,011,922.00	1.50%
Agency	USTN	11/17/2015	11/30/2018	100.00	\$ 1,002,500.00	\$ 1,000,000.00	\$ 1,000,000.00	1,008,867.00	1.25%
Agency	USTN	11/17/2015	10/31/2020	100.00	\$ 1,005,312.50	\$ 1,000,000.00	\$ 1,000,000.00	1,025,039.00	1.75%
Agency	USTN	11/17/2015	11/30/2019	100.00	\$ 1,001,210.94	\$ 1,000,000.00	\$ 1,000,000.00	1,016,445.00	1.50%
Agency	USTN	6/17/2016	8/31/2020	101.13	\$ 507,070.31	\$ 500,000.00	\$ 500,000.00	505,117.00	1.38%
Agency	USTN	6/16/2016	9/30/2020	101.12	\$ 506,992.19	\$ 500,000.00	\$ 500,000.00	505,000.00	1.38%
Agency	USTN	6/16/2016	10/31/2020	101.12	\$ 506,914.06	\$ 500,000.00	\$ 500,000.00	504,883.00	1.38%
CD	Discover	3/6/2013	3/6/2017	100.00	\$ 250,000.00	\$ 250,000.00	\$ 250,000.00	250,220.02	0.95%
CD	CIT Bank	3/13/2013	3/13/2018	100.00	\$ 248,000.00	\$ 248,000.00	\$ 248,000.00	248,000.00	1.10%
CD	BMW Bank	3/8/2013	3/8/2017	100.00	\$ 248,000.00	\$ 248,000.00	\$ 248,000.00	248,082.37	0.85%
CD	GE Capital Bank	1/31/2014	1/31/2017	100.00	\$ 248,000.00	\$ 248,000.00	\$ 248,000.00	248,363.83	1.00%
CD	GE Capital Retail	1/31/2014	1/31/2018	100.00	\$ 248,000.00	\$ 248,000.00	\$ 248,000.00	248,000.00	1.45%
CD	Capital Bank FL	5/27/2015	5/29/2018	100.00	\$ 248,000.00	\$ 248,000.00	\$ 248,000.00	248,000.00	1.10%
CD	Compass Bank	5/29/2015	8/29/2017	100.00	\$ 248,000.00	\$ 248,000.00	\$ 248,000.00	248,000.00	1.00%
CD	Capital One Bank USA NA	9/30/2015	10/1/2018	100.00	\$ 248,000.00	\$ 248,000.00	\$ 248,000.00	248,000.00	1.65%
CD	Capital One NA	9/30/2015	10/1/2018	100.00	\$ 248,000.00	\$ 248,000.00	\$ 248,000.00	248,000.00	1.65%
CD	Wells Fargo Bank NA	12/2/2015	12/3/2018	100.00	\$ 245,000.00	\$ 245,000.00	\$ 245,000.00	245,000.00	1.45%
CD	National Bank of NY	6/18/2014	6/18/2018	100.00	\$ 248,000.00	\$ 248,000.00	\$ 248,000.00	248,000.00	1.30%
					\$ 14,860,374.00	\$ 14,727,000.00	\$ 14,727,000.00	14,910,891.22	1.41%

# Average Daily Flow by Month







## SUMMARY OF LABOR MULTIPLIERS

		Benefit Rate
Total Employee Benefits	191,058	0.311
Total Payroll	614,025	
Gross G&A Costs	504,650	
Less: Member Contributions & Other Revenue	(75,000)	
G&A Costs for Distribution	429,650	
		G&A Rate
Direct Labor	359,325	1.196
G&A Costs	429,650	

<b>FY 2016-17 Labor multiplier - thru 8/31/16</b>	<b>1.507</b>
FY 2015-16 Labor multiplier	<u>2.073</u>
FY 2014-15 Labor multiplier	<u>1.850</u>
FY 2013-14 Labor multiplier	<u>2.105</u>
FY 2012-13 Labor multiplier	<u>1.938</u>
FY 2011-12 Labor multiplier	<u>2.045</u>





## BENEFITS SUMMARY

*(Distributed based on Actual Labor)*

<u>G/L Acct</u>	<u>Description</u>	<u>Budget</u>	<u>Actual @ 8/31/16</u>	<u>Projected FYE 2017</u>
70101	FICA Expense	164,717 \$	19,457 \$	116,742
70102	Medicare Expense	45,897 \$	5,439 \$	32,634
70103	State Unemployment Insurance	6,300 \$	-	6,300
70104	Worker's Compensation Insurance	55,513 \$	9,436 \$	56,616
70105	State Disability Insurance	21,764 \$	2,339 \$	14,034
70106	PERS Pension Plan	557,936 \$	82,077 \$	492,460
70111	Medical Expense	363,995 \$	57,953 \$	347,718
70112	Dental Expense	28,554 \$	3,975 \$	23,850
70113	Vision Insurance	7,299 \$	1,088 \$	6,528
70114	Life Insurance Expense	12,092 \$	2,004 \$	12,024
70115	Long Term Disability	15,017 \$	2,378 \$	14,268
70116	Wellness Program Expense	3,250 \$	312 \$	1,872
70120	Car Allowance	30,000 \$	4,600 \$	27,600
	<b>Total Benefits</b>	1,312,334	191,058	1,152,646
	<b>Total Payroll</b>	3,135,315 \$	614,025 \$	3,684,150
	<b>Benefits Rate</b>	41.9%	31.1%	31.3%

Santa Ana Watershed Project Authority  
 Labor Hours Budget vs Actual  
 Month Ending August 31, 2016

	Fund	Budget	Actual	%
100	General & Administrative	25,603	4,047	15.80%
130	Prop 84 Round 1 Administration	570	65	11.45%
135	Prop 84 Round 2 Administration	830	89	10.72%
140	Prop 84 2014 Drought Administration	1,080	63	5.86%
145	Prop 84 Final Round Administration	3,390	213	6.28%
240	Brine Line Enterprise	17,055	3,086	18.09%
320	Brine Line Protection	415	-	0.00%
326	Reach V Capital Repairs	440	509	115.57%
327	Reach IV-D Corrosion Repairs	1,338	-	0.00%
370-01	General Basin Planning	2,286	446	19.49%
370-02	USBR Partnership Studies	110	-	0.00%
372	Imported Water Recharge	60	3	5.42%
373	Watershed Management Plan	1,640	529	32.24%
374	Basin Monitoring Program	325	222	68.15%
381	SAR Fish Conservation	113	12	10.84%
384-01	Chino TMDL Facilitation	170	45	26.18%
386	Storm Water Quality Standards TF	210	23	10.83%
387	Arundo Removal & Habitat Restoration	170	16	9.56%
392	Emerging Constituents	175	19	10.57%
396	Forest First	40	-	0.00%
397	Water-Energy Grant Administration	345	100	29.06%
477TMDL	LESJWA - TMDL Task Force	590	140	23.73%
477-02	LESJWA - Administration	305	103	33.85%
504-301A	Prop 84 2014 Drought Implementation	660	123	18.56%
504-301C	Prop 84 2014 Drought Implementation	-	141	100.00%
504-401I	Prop 84 Final Round Implementation	-	26	100.00%
504-401PA23	Prop 84 Final Round Implementation	-	71	100.00%
		57,920	10,088	17.42%

Note: Should be at 16.67% of budget for 2 months

## SAWPA Roundtable Status Report

7/1/16 thru 9/30/16

	PROJECT	DESCRIPTION	STATUS	TASKS/DEADLINES
1	<b>Middle Santa Ana River (MSAR) Pathogen TMDL Task Force</b>	Implement TMDLs to address impairments to water quality relating to the fecal coliform objective established to protect the REC-1 use for waterbodies located within the Middle Santa Ana River Watershed.	<ul style="list-style-type: none"> <li>• Task Force Administration by SAWPA continues.</li> <li>• Management and review of consultant contracts, project invoices and annual Task Force budget by staff continues.</li> <li>• SAWPA staff invoiced stakeholders for their contribution to the FY 2016-17 Task Force budget.</li> <li>• Task Force consultant Tim Moore/Risk Sciences continues his effort to orchestrate the TMDL Implementation strategy for the MSAR TMDL Task Force.</li> <li>• Task Force consultant CDM Smith continues their effort to support the implementation of the Riverside / San Bernardino Counties CBRP in coordination with the MSAR TMDL Task Force.</li> <li>• Status reports about this task force were provided to the SAWPA Commission on Jan. 5<sup>th</sup> and Mar. 15<sup>nd</sup>.</li> </ul>	<ul style="list-style-type: none"> <li>• Stakeholders invoiced for their contribution to the FY 2016-17 Task Force budget</li> </ul>
		TMDL Task 3 Watershed Monitoring Program	<ul style="list-style-type: none"> <li>• Stakeholders authorized a change order to CDM Smith to address comments by Regional Board staff on the 2016 Triennial Report for the MSAR Bacterial Indicator TMDL. Revisions to this report are expected to be completed and approved by Regional Board staff before the end of the calendar year.</li> <li>• SAWPA staff continues coordinate efforts on behalf of stakeholders and Orange County to implement the SAW Bacteria Monitoring program.</li> <li>• SAWPA will provide oversight of Task Order with CDM Smith to implement SAW Bacteria Monitoring Program. This will include all future TMDL compliance monitoring required for the MSAR TMDLs.</li> </ul>	<ul style="list-style-type: none"> <li>• MSAR TMDL compliance monitoring is now being conducted through the SAW Bacteria Monitoring Program.</li> <li>• It is anticipated that the 2016 Triennial Report will be submitted by the end of the calendar year.</li> </ul>
		TMDL Task 4 Source Evaluation and Management	<ul style="list-style-type: none"> <li>• Future source evaluation work relating to the bacteria indicator TMDLs will be addressed through the Counties MS4 program to implement the Counties Comprehensive Bacteria Reduction Plans.</li> <li>• MSAR TMDL Task Force meetings continue to be used as a forum for stakeholders to update Regional Board staff on their CBRP implementation activities</li> <li>• SAWPA continues oversight of tasks CBRP efforts associated with the Task Force.</li> <li>• The Counties are currently working on independent studies to address CBRP requirements.</li> </ul>	<ul style="list-style-type: none"> <li>• All current deliverables due under this task will be addressed by individual agencies.</li> </ul>

## SAWPA Roundtable Status Report

7/1/16 thru 9/30/16

	PROJECT	DESCRIPTION	STATUS	TASKS/DEADLINES
2	<b>Lake Elsinore and Canyon Lake Nutrient TMDL Task Force</b>	Implement TMDLs to address water quality issues relating to excess nutrients in Lake Elsinore and Canyon Lake.	<ul style="list-style-type: none"> <li>• Task Force Administration by SAWPA continues.</li> <li>• LESJWA continues to administer the Round 2 Prop 84 IRWM funded Canyon Lake Hybrid Treatment Project.</li> <li>• SAWPA staff invoiced stakeholders for their contribution to the FY 2016-17 Task Force budget.</li> <li>• Risk Sciences continues its role of working with stakeholders on a long-term plan to revise and update the Lake Elsinore and Canyon Lake nutrient TMDLs.</li> <li>• CDM Smith continues their effort to prepare a technical document to revise and update the Lake Elsinore and Canyon Lake nutrient TMDLs. It is estimated that this effort will take at least two years to complete draft technical documents to submit to the Regional Board.</li> <li>• CDM Smith has issued Final drafts of the following TMDL Technical Document chapters:               <ul style="list-style-type: none"> <li>- Chp 1 - Introduction</li> <li>- Chp 2 - Problem Statement</li> <li>- Appendix A – Supporting Biological Data</li> </ul>               And is currently working on modeling and analysis to complete the following chapters:               <ul style="list-style-type: none"> <li>- Chp 3 – Numeric Targets</li> <li>- Chp 4 – Source Assessment</li> </ul> </li> <li>• LESJWA staff continues to coordinate issues relating to a stakeholder load/cost allocations, in-lake modeling, and the design on in-lake treatment projects with various consultants.</li> <li>• LESJWA staff continues management and review of consultant contracts, project invoices and annual Task Force budget.</li> </ul>	<ul style="list-style-type: none"> <li>• Stakeholders were invoiced for their contribution to the FY 2016-17 Task Force budget in early August 2016.</li> </ul>
		TMDL Task 4 Monitoring Program	<ul style="list-style-type: none"> <li>• Task Force consultant Tim Moore/Risk Sciences with the support of Amec FW completed and submitted an interim TMDL Compliance report to the Regional Board on June 30, 2016.</li> <li>• Amec Foster Wheeler (FW) continues to implement the Phase 2 TMDL Compliance monitoring Program.</li> <li>• Amec FW completed the Annual LE&amp;CL TMDL Water Quality report and submitted to regional Board on August 15, 2016.</li> <li>• Amec FW completed revisions to the Phase 2 TMDL Compliance Monitoring Plan and QAPP.</li> <li>• Amec FW continues to work to update the in-lake and watershed water quality monitoring database.</li> </ul>	<ul style="list-style-type: none"> <li>• Interim TMDL Compliance report submitted to the Regional Board on June 30, 2016</li> <li>• Annual water quality report submitted to Regional Board on August 15, 2016.</li> </ul>

## SAWPA Roundtable Status Report

7/1/16 thru 9/30/16

	PROJECT	DESCRIPTION	STATUS	TASKS/DEADLINES
		TMDL Task 9 Lake Elsinore TMDL Compliance Implementation Activities	<ul style="list-style-type: none"> <li>• Work relating to the implementation of Lake Elsinore In-Lake Sediment Nutrient Reduction Plan performed in conjunction with the RCFC&amp;WCD MS4 program Comprehensive Nutrient Reduction Plan continues.</li> <li>• LESJWA staff continues to coordinate meetings for stakeholders working with Tim Moore/Risk Sciences to facilitate meetings to prepare a new O&amp;M agreement to operate the Lake Elsinore Aeration and Mixing System (LEAMS). A final draft agreement was issued to the agencies co-sponsoring the project in late August for their review and approval. Through this agreement it is proposed that the agencies co-sponsoring the project agree to license excess unused nutrient offset credits to other stakeholders named in the TMDL using LESJWA as their exclusive agent.</li> <li>• A draft License Agreement for Offset Credits Generated by the Lake Elsinore Aeration &amp; Mixing System is expected to be issued to LESJWA and the stakeholders of the LE&amp;CL TMDL Task Force in October.</li> </ul>	<ul style="list-style-type: none"> <li>• A draft Lake Elsinore Aeration O&amp;M and funding agreement is expected to be brought forward for approval by stakeholders at the May 3<sup>rd</sup> LE&amp;CL TMDL Task Force meeting.</li> </ul>
		TMDL Task 10 Canyon Lake TMDL Compliance Implementation Activities	<ul style="list-style-type: none"> <li>• Work relating to the implementation of Canyon Lake In-Lake Sediment Treatment Evaluation performed in conjunction with the RCFC&amp;WCD MS4 program Comprehensive Nutrient Reduction Plan continues.</li> <li>• LESJWA staff continues as the lead implementing agency for the Canyon Lake Hybrid System (Canyon Lake Alum dosing project).</li> <li>• LESJWA continues to administer the Round 2 Prop 84 IRWM funded Canyon Lake Hybrid Treatment Project.</li> <li>• Aquatechnex successfully applied alum to Canyon Lake during the weeks of May 16-23 and September 26-30. Fulfilling their contract with LESJWA to conduct two additional alum applications in 2016 to take advantage of remaining Prop 84 Grant funding. Alum</li> <li>• Canyon Lake in-lake water quality monitoring conducted through the Phase 2 compliance monitoring program will be used to evaluate the effectiveness of future alum applications.</li> <li>• The consultant, Golden State Labor Compliance (GSLC), continues to conduct labor compliance as required by the grant.</li> </ul>	<ul style="list-style-type: none"> <li>• Alum was successfully applied to Canyon Lake during the weeks of September 26-30, 2016.</li> </ul>

## SAWPA Roundtable Status Report

7/1/16 thru 9/30/16

	PROJECT	DESCRIPTION	STATUS	TASKS/DEADLINES
		TMDL Task 11 Model Update	<ul style="list-style-type: none"> <li>• Dr. Michael Anderson/U.C. Riverside has completed work to conduct advanced water quality modeling and focused field measurements and laboratory analyses are proposed for Lake Elsinore and Canyon Lake.</li> <li>• Dr. Anderson has submitted to stakeholders for review a series of technical memoranda to evaluate the effectiveness of current water quality improvement projects, and determine the need for any additional nutrient control measures. The deadline for comments is set for March 31<sup>st</sup>.</li> </ul>	<ul style="list-style-type: none"> <li>• Dr. Anderson has completed modeling and submitted to stakeholders for review the complete series of technical memoranda.</li> </ul>
3	<b>Basin Monitoring Program Task Force</b>	Annual Monitoring Report	<ul style="list-style-type: none"> <li>• A Feb. 23<sup>rd</sup> meeting was held with the Regional Board staff to discuss reformatting the annual SAR water quality report based on BMP TF and Regional Board priorities. After discussion, some reformatting edits were made to the 2016 SAR WQ Report.</li> <li>• SAWPA staff incorporated the necessary revisions and submitted the 2015 SAR WQ Report to the Regional Board on August 23, 2016.</li> </ul>	<ul style="list-style-type: none"> <li>• Draft 2016 SAR Water Quality Report to be prepared by 5/1/17.</li> </ul>
		Basin Plan Amendment for SAR Wasteload Allocation	<ul style="list-style-type: none"> <li>• Based on the results of the SAR Wasteload Allocation Model Update, prepared by WE Inc., Tim Moore of Risk Sciences is preparing a Basin Plan Amendment (BPA). Mr. Moore had previously prepared a petition to revise the TIN objective in Chino-South Management Zone to 5.0 mg/L and the allocation of assimilative capacity to RIX and Rialto in Riverside-A Management Zone. These were accepted by the Regional Board and they requested assistance in preparing the staff reports to proceed with the Basin Plan Amendment.</li> <li>• Two BPAs will be prepared with 1) focusing on the Chino South Mgt Zone change and 2) focusing on incorporate the current SAR Wasteload Allocation. The purpose for the separation is due to EPA not having to review a groundwater management objective change while the SAR Wasteload Allocation is a surface water change. Both amendments are expected to be completed before the end of the calendar year.</li> <li>• The Regional Board has asked that the BMP TF fund the Supplemental Environmental Document and Economic Analysis for the BPA. The BMP TF agreed to do this using contingency funding.</li> <li>• Work is proceeding with CDM Smith doing the Triennial Ambient Water Quality Update for TDS and Nitrate in all groundwater management zones in the watershed.</li> <li>• Status report about this task force and implementation of a Drought Policy through the So Cal Salinity Coalition was provided to the SAWPA Commission on Sept. 20th.</li> </ul>	<ul style="list-style-type: none"> <li>• Next BMP TF meeting is scheduled for Oct. 19, 2016.</li> <li>• Basin Plan Amendment is anticipated to be complete before the end of 2016.</li> <li>• Triennial Ambient Water Quality Update is anticipated to be complete by July 2017.</li> </ul>



## SAWPA Roundtable Status Report

7/1/16 thru 9/30/16

	PROJECT	DESCRIPTION	STATUS	TASKS/DEADLINES
		Santa Ana River Wasteload Allocation Update	<ul style="list-style-type: none"> <li>A scoping committee composed of three of the BMP TF agencies has been formed to review and prepare the scope of work for a Santa Ana River Wasteload Allocation update.</li> </ul>	<ul style="list-style-type: none"> <li>The RFP for the next SAR Wasteload Allocation is anticipated to be released in late October 2016.</li> </ul>
4	<b>Emerging Constituents Program Task Force</b>	Provide emerging constituents sampling report and watershed water quality outreach program	<ul style="list-style-type: none"> <li>The 2013 Emerging Constituents Sampling Report, the last <u>annual</u> sampling report was submitted to the Regional Board on March 14, 2014.</li> <li>By agreement the EC Program Task Force and the Regional Board agreed to discontinue the annual EC sampling and transition to a triennial EC sampling program if necessary.</li> <li>Based on discussions with the Task Force and their consultant, Risk Sciences, the State Board was evaluating additional emerging constituents through a State Board Blue Ribbon Panel on Ecotoxicology to see if any additional EC constituents for sampling were needed that may affect future discharge permit renewals. No new recommendations have come out from the SWRCB to date. SAWPA will continue to monitor these results and reconvene the EC Program Task Force if needed.</li> <li>No EC monitoring under the task force is anticipated for the foreseeable future. Since some unused funding reserves have accumulated by the task force over the past two year in the absences of an annual EC sampling program and report, available funding reserves should be sufficient to cover any costs for the early development of an EC sampling program and report should the need arise in the future as well as continuing the outreach program.</li> <li>Work continues with the social media tools in support of water quality for the general public. This work is coordinated through SAWPA and the EC Public Outreach Committee. DeGrave Communications is the consultant that is providing support to the water quality information blog called Your So Cal Tap Water. She also provides other social media messages linked to the blog located on the SAWPA website. Recent blogs responded to Environmental Working Group misinformation posts on their website about Chromium 6 and monitoring of constituents in tap water.</li> </ul>	<ul style="list-style-type: none"> <li>All annual EC sampling has been discontinued and has been placed on hold pending results of Ecotoxicology results.</li> <li>Regular reports on the EC Public Outreach activities are provided to the SAWPA Commission. The next one is scheduled for December 2016.</li> </ul>

## SAWPA Roundtable Status Report

7/1/16 thru 9/30/16

	PROJECT	DESCRIPTION	STATUS	TASKS/DEADLINES
5	<b>Imported Water Recharge Workgroup</b>	Support imported recharge agencies in agreement deliverables	<ul style="list-style-type: none"> <li>• The Imported Water Recharge Technical Committee last met on May 2016.</li> <li>• Work on the OCWD groundwater model and the results of the modeling were shared with the Technical Group by Greg Woodside, OCWD. With the submittal of the modeling report from OCWD, the second set of projections of groundwater flow and quality in the watershed has been completed. This set of modeling reflects a staggered integrated modeling process where modeling is conducted in the upper watershed which then provides input to downstream models. This groundwater modeling under the second set occurred from 2012 – 2016.</li> <li>• The next set of modeling will begin in 2018 with new modeling updates due from the upper watershed basins of Beaumont, Yucaipa and San Timoteo by June 2018.</li> <li>• Recently the groundwater basin of Canyon Basin within the EMWD was add to the list of groundwater basins to undertake a 20 year groundwater modeling projection. Consequently, their report is to be submitted to the Regional Board by December 2016.</li> </ul>	<ul style="list-style-type: none"> <li>• Next Technical Committee meeting is scheduled for November 2016.</li> </ul>
6	<b>Reclamation So Cal Studies</b>	Support regional studies with Bureau of Reclamation	<ul style="list-style-type: none"> <li>• As Reclamation grant funding opportunities arise that apply to the regional or watershed level and staffing resources are available, SAWPA has applied for these grants. The most recent successful grant program with Reclamation was the Aug. 2014 study to conduct a pilot study of aerial survey, infrared and LIDAR in the SAR watershed. Reclamation grant provided \$38,000 and SAWPA is providing \$38,000 in local cost share. The pilot analysis was completed and a report was submitted in December 2015.</li> <li>• Results helped guide future large scale aerial survey, infrared imagery made for the urban and agricultural area of the SAR Watershed under the Prop 84 IRWM Drought grant.</li> <li>• SAWPA applied for another Reclamation grant through their Basins Study program under WaterSmart to support the update for the OWOW Plan scheduled for 2017. Unfortunately though, due to the intense competition particularly from other regions that did not have a previous Basin Study, the SAWPA application was not successful. Reclamation staff strongly encouraged SAWPA to apply again in about three months when more funding would become available under this program.</li> </ul>	<ul style="list-style-type: none"> <li>• Reclamation will be releasing another grant proposal for Basin Studies and updates by January 2017.</li> </ul>

## SAWPA Roundtable Status Report

7/1/16 thru 9/30/16

	PROJECT	DESCRIPTION	STATUS	TASKS/DEADLINES
7	<b>Santa Ana River Fish Conservation Task Force</b>	Determine the reasons for the decline of the Santa Ana sucker fish ( <i>Catostomus santaanae</i> ) in the Santa Ana Watershed and implement projects that will benefit the species.	<ul style="list-style-type: none"> <li>• Staff met with the Army Corps of Engineers, the US Fish and Wildlife Service and San Bernardino Valley MWD on implementing in stream habitat projects to benefit the Santa Ana sucker fish. Meeting was held on August 19, 2016. Staff worked with the entities to use data collected by San Bernardino Valley MWD and the Corps's consultant to determine beneficial habitat parameters to the sucker fish that could be provided in a work plan to hydrologists. Once the beneficial habitat parameters are finalized, hydrologists from the Army Corps of Engineers will begin designing the habitat structures. The designs will be used to acquire the necessary permits for placing habitat structures in the river bed and used to create construction plans for construction contractors (to be hired in the future).</li> <li>• Staff executed a work order with Colton Police Department on implementing a project where the Department would patrol the river near important wetted channels, where there has been known to be off road vehicle activity and Santa Ana sucker fish. The work order includes about 42 hours of patrol time over the course of the SAWPA fiscal year which ends on June 30, 2017.</li> <li>• Staff prepared the execution of the annual habitat survey known as the Riverwalk which was to take place on October 6, 2016. River access permits were acquired and presented to the SAWPA Commission, coordination was done with Orange County Water District and the Santa Ana Watershed Association, safety protocols were finalized and data collection methods were refined.</li> </ul>	<ul style="list-style-type: none"> <li>• The next meeting is scheduled for the fourth quarter of 2016.</li> <li>• Coordinate with the U.S. Army Corps of Engineers (USACE) on their sucker habitat project in order to build on their successes for implementing the Task Force's habitat project.</li> <li>• Work with Colton Police Department on implementing another sweep detail of the River on major holiday weekends.</li> <li>• Work with San Bernardino County on placing illegal Off Highway Vehicle trespassing signage, developed by the Task Force, near River.</li> <li>• Mailing out invoices to the project partners for the FYE 2017 Budget</li> </ul>

## SAWPA Roundtable Status Report

7/1/16 thru 9/30/16

	PROJECT	DESCRIPTION	STATUS	TASKS/DEADLINES
8	<b>Stormwater Quality Standards Task Force</b>	Support amendments to SA Basin Plan addressing high flow conditions, suitability of pathogen indicators, and attainment of Beneficial Uses.	<ul style="list-style-type: none"> <li>• All work of the Stormwater Quality Standards Task Force has been approved by the SWRCB and US EPA in April 2015.</li> <li>• A contract to implement regional pathogen monitoring plan in accordance with new Basin Plan requirements is proceeding under the cognizance of the MSAR TMDL Task Force and being undertaken by the consultant, CDM Smith with staff support of the three flood control districts sampling programs.</li> <li>• An updated draft task force agreement to conduct regional monitoring program has been prepared by SAWPA executive counsel/SWQSTF chair and was distributed for review to all three county flood control districts since May 2015.</li> <li>• On October 4<sup>th</sup>, the SAWPA Commission approved a new Regional Water Quality Monitoring Program Task Force among SAWPA, the three flood control districts and the Regional Board. The agreement will now be brought to the governing boards of the flood control districts and the Regional Board for approval. All funding for this new task force will be provided by the three flood control districts and funding provided by the Middle SAR TMDL Task Force.</li> <li>• Since work under the SWQSTF has now been completed and has formally ended, quarterly reporting on this task force will discontinue for future reports and will be replaced with the new Regional Water Quality Monitoring Task Force.</li> </ul>	<ul style="list-style-type: none"> <li>• New Task Force Agreement to conduct the Regional Monitoring Program is anticipated to be fully executed and signed by the three flood control districts and the Regional Board by November 2016.</li> </ul>

## SAWPA Roundtable Status Report

7/1/16 thru 9/30/16

	PROJECT	DESCRIPTION	STATUS	TASKS/DEADLINES
9	LESJWA	Support lake quality improvement projects at Lake Elsinore and Canyon Lake	<ul style="list-style-type: none"> <li>• Continuing support to LESJWA as administrator for the LE/CL TMDL Task Force with task force meetings and technical advisory committee meetings held every 1-2 months.</li> <li>• The LESJWA Board met on August 18th in which the LESJWA Board approved a contract with David Wysocki Law for continuing legal support through FY 2020-21, supported continued use of SAWPA as the LESJWA Authority Administrator through FY 2020-21, and received status reports on Federal Lobbying coordination, the lake quality status and recent closures due to algae toxins and a report on the upcoming alum application in Canyon Lake.</li> <li>• Work is continuing on the TMDL Revision by CDM Smith and Dr. Michael Anderson of UCR Riverside. .</li> <li>• Reporting and invoicing under the Prop 84 IRWM grant funding agreement with SAWPA/DWR continues. With the alum application undertaken in September 2016, grant funds are anticipated to be fully expended.</li> <li>• Status report about LESJWA and the recent lake closures due to algae toxins were provided to the SAWPA Commission on Sept. 20th.</li> </ul>	<ul style="list-style-type: none"> <li>• Next LESJWA Board meeting is scheduled for April 21st, 2016.</li> <li>• Next Canyon Lake Alum application is uncertain. .</li> </ul>
		Provide education and outreach	<ul style="list-style-type: none"> <li>• Liselle DeGrave of DeGrave Communications continues her support to LESJWA. The LESJWA Board authorized her to prepare a Facebook account and page at their August 18<sup>th</sup> meeting. Work is underway to populate this social media tool for continued outreach to the public in Lake Elsinore and San Jacinto watersheds.</li> <li>• Held a meeting with the LESJWA Education and Outreach Committee on August 15th. Quarterly meetings with the LESJWA Education and Outreach Committee will continue.</li> <li>• Favorable media coverage was attained from the Sept 2016 Canyon Lake alum application in both the Canyon Lake Friday Flyer and the Press Enterprise.</li> </ul>	<ul style="list-style-type: none"> <li>• The next LESJWA Education and Outreach meeting is scheduled for November 14, 2016.</li> </ul>

## SAWPA Roundtable Status Report

7/1/16 thru 9/30/16

	PROJECT	DESCRIPTION	STATUS	TASKS/DEADLINES
10	So Cal Salinity Coalition	Support regional salt management and practices in Southern California	<ul style="list-style-type: none"> <li>• The SCSC held its last Board meeting on Sept.8, 2016. The Board was informed that Jeff Mosher had resigned from NWRI and would be taking a director position with Water Environment and Reuse Foundation in Virginia. However, by agreement he will continue to support SCSC until Dec. 2016. Thereafter, the next director of NWRI will likely take over the role of administering SCSC.</li> <li>• The SCSC Board was informed that a NWRI-SCSC Graduate Student Fellowship Award was provided to Ryan Gustafson, a doctoral student at USC. The award provides \$10,000/yr for two years for research on salinity mgt topics. .</li> <li>• The SCSC Board reviewed a proposal from Tim Moore of Risk Sciences to prepare a Conceptual Study Design and scope of work for the technical work necessary to implement a future Drought policy focusing on salinity management and permitting. This work would also include review and oversight of the technical work of the consultant selected through an RFP. The policy work would be funded and conducted by a SAWPA’s Basin Monitoring Program Task Force who has been working closely with the Santa Ana Regional Board in the Drought policy development. The SCSC Board approved issuing a task order with Risk Sciences for \$30,000. The technical work is anticipated to cost approximately \$90,000 which will also be funded by SCSC. The work by Risk Sciences is anticipated to be completed by November 2016 allowing for an RFP and selection of a consultant in early 2017.</li> <li>• Work continues on the Reclamation-MWDSC-SCSC joint project to update the 1998 Salinity Management Plan for Southern California. The work led by MWDSC staff and Reclamation to evaluate regional economic impacts to proposals affecting source water quality was halted due to the consultant withdrawing from the effort. The work has now restarted.</li> <li>• A Symposium on Southern California Salinity Management has been scheduled for November 17, 2016 at MWDSC. Partners include SCSC, NWRI, and SCWC. Mark Norton, SCSC Chair, will serve as the Master of Ceremonies; will conduct welcome and introductions, and will moderate the morning session of the Symposium.</li> <li>• Status reports about the Drought Policy and the integration of effort among SCSC and the Basin Monitoring Program Task Force at the SAWPA Commission on Sept. 20, 2016.</li> </ul>	<ul style="list-style-type: none"> <li>• The next meeting is scheduled for Dec. 1, 2016.</li> </ul>

## SAWPA Roundtable Status Report

7/1/16 thru 9/30/16

	<b>PROJECT</b>	<b>DESCRIPTION</b>	<b>STATUS</b>	<b>TASKS/DEADLINES</b>
11	<b>Santa Ana River Parkway and Open Space Plan Technical Advisory Committee</b>	<ul style="list-style-type: none"> <li>• Help identify priorities and values for the Santa Ana River Parkway and Open Space Plan</li> <li>• Identify project selection criteria and projects for inclusion in the Parkway Plan</li> <li>• Provide input and feedback on the Plan throughout its development</li> </ul>	<ul style="list-style-type: none"> <li>• Staff received an invitation to participate in the Santa Ana River Parkway and Open Space Plan Technical Advisory Committee in September 2016. .</li> <li>• Staff prepared a request to participate in the Committee to the SAWPA Commission for the Commission's October 4, 2016 meeting.</li> </ul>	<ul style="list-style-type: none"> <li>• Participate in the November, 2016 Technical Advisory Committee workshop.</li> </ul>
12	<b>Water Energy Community Action Network (WECAN)</b>	Support water and energy efficiency on disadvantaged communities in the watershed.	<ul style="list-style-type: none"> <li>• All-project Meeting held 9/13</li> <li>• Local partner contributions are on-schedule</li> <li>• Jurupa CSD and WVWD began outreach during period</li> <li>• Fontana WC still moving towards outreach</li> <li>• Anaheim Public Utilities playing catch-up after late entre to program. Outreach to customers expected in October.</li> <li>• CAPOC working to locate a single multi-family complex for their indoor work</li> <li>• RCAP reports contracting underway, expects implementation start in Feb 2018</li> <li>• SBCAP still ramping up their program</li> <li>• DWR monthly invoices and reports underway</li> </ul>	<ul style="list-style-type: none"> <li>• Fontana WC Outreach in October</li> <li>• Anaheim Outreach in October</li> <li>• First turf retrofits in October</li> </ul>

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**SAWPA OWOW Status Report**  
**7/1/16 thru 9/30/16**

	<b>PROJECT</b>	<b>DESCRIPTION</b>	<b>STATUS</b>	<b>TASKS/DEADLINES</b>
	<b>OWOW</b>	Integrated Planning Process for the Santa Ana River Watershed	<ul style="list-style-type: none"> <li>• Updated project submission database and restored the feature to the website</li> <li>• Held OWOW Steering Committee Meeting, 7/7/16</li> <li>• Engaged with a colleague at SCAG about potential partnerships and SCAG funding opportunities 7/21/16</li> <li>• Bureau of Reclamation finished the review of SAWPA’s submission of the Basin Study Update cost-share project and selected three other Basin Studies. 9/7/16</li> <li>• With intern support, discussed Watershed Health framework as possible OWOW Tool during August and September.</li> <li>• With intern support, explored wiki functionality for OWOW Plan on SAWPA website.</li> <li>• OWOW Plan Update 2018 grant proposal under Prop 1 IRWM Planning Grant program was submitted to DWR, 9/29/16</li> <li>• Recruitment of three new Pillar Chairs completed during this period: <ul style="list-style-type: none"> <li>○ Jeff Beehler as Natural Resources Stewardship</li> <li>○ Jason Uhley as Stormwater Management</li> <li>○ Susan Longville as DAC/Tribal Communities</li> </ul> </li> <li>• Water and Land Use Planning Pillar Chair position remains vacant</li> </ul>	<ul style="list-style-type: none"> <li>• Submitted OWOW Plan Update 2018 proposal to Proposition 1 Planning Grant program</li> <li>• OWOW Steering Committee meeting October 20, 2016</li> </ul>

**SAWPA OWOW Status Report**  
**7/1/16 thru 9/30/16**

	<b>PROJECT</b>	<b>DESCRIPTION</b>	<b>STATUS</b>	<b>TASKS/DEADLINES</b>
		Disadvantaged Community Involvement Program	<ul style="list-style-type: none"> <li>• Participated in the US EPA National Environmental Justice Advisory Council Public Teleconference 7/20/16</li> <li>• Conducted stakeholder one-on-one meetings:               <ul style="list-style-type: none"> <li>○ Kathryn Besser &amp; Jason Gu, IEUA, 7/6/16</li> <li>○ Amy Sausser, IE Funders Alliance consultant, 7/8/16</li> <li>○ Dr. Brinda Sarathy at Pitzer College 7/22/16</li> <li>○ Susan Longville, SBVMWD, 7/21/16</li> <li>○ Ron Sullivan, EMWD, 7/27/16</li> <li>○ John Dobard, The Advancement Project, 7/28/16</li> <li>○ Mark Carrel &amp; Daniela Arellano, SCAQMD, 8/2/16</li> <li>○ Jack Simes &amp; Leslie Cleveland, USBR, 8/9/16</li> <li>○ CSU Fullerton staff &amp; faculty, multiple departments, 8/10/16</li> <li>○ Michael Camacho, IEUA, 8/11/16</li> </ul> </li> <li>• Presented the draft program to the Inland Empire Funders Alliance at the United Way offices in Ontario, 8/3/16</li> <li>• Participated in the DWR webinar about the DACI Grant Program, 8/18/16</li> <li>• Recruitment of DACI Program Partners underway during this period, with commitments from/to CSU Disadvantaged Community Center, Local Government Commission, and Water Education Foundation.</li> <li>• Water Action Fellows were interviewed and recruited during this period.</li> </ul>	<ul style="list-style-type: none"> <li>• Water Action Fellows begin full-time service @ SAWPA on 10/17</li> <li>• Present program to OWOW Steering Committee 10/20 and SAWPA Commission 11/1</li> <li>• Submit DACI Grant proposal for informal DWR review</li> <li>• Submit DACI Grant Proposal to DWR by 11/25.</li> <li>• Program start planned for Jan/Feb 2018.</li> </ul>
	<b>Prop 84 IRWM Drought Round Grant Program</b>	Region-wide demand reduction program for the Santa Ana River Watershed through PA 22 Committee	<ul style="list-style-type: none"> <li>• The PA22 Committee met on July 28, 2016 and August 25, 2016.</li> <li>• Staff continues to work on outreach to retail water agencies to promote the OmniEarth/Dropcountr conservation outreach tool. As of September, eight agencies have signed up for this tool and an additional six agencies are in contractual negotiations with the consultant team.</li> <li>• The PA 22 Committee approved Change Order No. 3 to Task Order RESO504-301-01 with Resource Strategies, Inc., in an amount not to exceed \$37,920 to provide management and image support services for the Emergency Drought Grant Program. Resource Strategies Inc.</li> <li>• As of September, the SAWPA member agencies, the Municipal Water District of Orange County and Rancho California Water District are in different stages of their turf removal implementation. Approximately 23% of the grant funds for turf removal have been expended.</li> </ul>	<ul style="list-style-type: none"> <li>• Staff will work with the 9 agencies who have accepted for funding for conservation-based rates to ensure they will stay on track to complete the project by the December 31, 2017 grant deadline.</li> </ul>

**SAWPA OWOW Status Report**  
**7/1/16 thru 9/30/16**

	<b>PROJECT</b>	<b>DESCRIPTION</b>	<b>STATUS</b>	<b>TASKS/DEADLINES</b>
	<b>Prop 84 IRWM Round 1</b>	Grant administration of Prop 84 IRWM Round 1	<ul style="list-style-type: none"> <li>Staff continues to work with the agencies implementing the 15 projects involved in the first round of Prop 84 IRWM program to undertake all labor associated with interaction with DWR staff; project invoices processing including review, verification and submittal to DWR; project reporting review, verification and submittal to DWR; all DWR agreements, SAWPA Sub-agreements and Amendments preparation, processing and execution; DWR payment processing; project implementation inspection and verification; assembling, reviewing and submittal of Financial Statements; coordination and review of all Labor compliance; review and verification of all certifications, permits, and CEQA; project deliverables review, verification and submittal to DWR; project benefit assessment; review and verification of project monitoring plan; review and verification of project signage; review, verification and preparation of all documentation for audit review; grant administration budget preparation, monitoring, projections and assessment; SAWPA management review, oversight and direction regarding these defined tasks.</li> </ul>	<ul style="list-style-type: none"> <li>All grant administration will continue until the final Round 1 project is implemented and continues with annual monitoring for 10 years after the completion of the projects.</li> </ul>
	<b>Prop 84 IRWM Round 2</b>	Grant administration of Prop 84 IRWM Round 2	<ul style="list-style-type: none"> <li>Staff continues to work with the agencies involved in the 19 projects under the second round of Prop 84 IRWM program to undertake all labor associated with interaction with DWR staff; project invoices processing including review, verification and submittal to DWR; project reporting review, verification and submittal to DWR; all DWR agreements, SAWPA Sub-agreements and Amendments preparation, processing and execution; DWR payment processing; project implementation inspection and verification; assembling, reviewing and submittal of Financial Statements; coordination and review of all Labor compliance; review and verification of all certifications, permits, and CEQA; project deliverables review, verification and submittal to DWR; project benefit assessment; review and verification of project monitoring plan; review and verification of project signage; review, verification and preparation of all documentation for audit review; grant administration budget preparation, monitoring, projections and assessment; SAWPA management review, oversight and direction regarding these defined tasks.</li> </ul>	<ul style="list-style-type: none"> <li>All grant administration will continue until the final Round 2 project is implemented and continues with annual monitoring for 10 years after the completion of the projects.</li> </ul>

**SAWPA OWOW Status Report**  
**7/1/16 thru 9/30/16**

	<b>PROJECT</b>	<b>DESCRIPTION</b>	<b>STATUS</b>	<b>TASKS/DEADLINES</b>
	<b>Prop 84 IRWM 2015 Round</b>	Grant administration of Prop 84 IRWM 2015 Round	<ul style="list-style-type: none"> <li>• Staff responded to DWR grant award letter and preliminary documentation request with the required deliverables such as Financial Statements, Environmental Information Forms, work plans, budgets and schedules for each of the three projects to be funded under this funding round.</li> <li>• Staff reviewed the several drafts of DWR’s grant agreement and coordinated with the project proponents which include Riverside County Flood Control District, Orange County Sanitation District and the SAWPA member agencies.</li> <li>• Staff finalized the Riverside County Flood Control District and Orange County Sanitation District project contracts with SAWPA. The two agencies are expected to execute their contracts with SAWPA by December, 2016.</li> <li>• RMC Water and Environment was brought on as a consultant to manage the coordination between agencies and invoicing for the Santa Ana River Conservation and Conjunctive Use Program (SARCCUP). RMC began attending meetings, taking meeting notes, and establishing the invoice process so SAWPA grant administration staff can review the invoices produced by the SARCCUP agencies which include the SAWPA member agencies and Orange County Coastkeeper.</li> <li>• Staff has also supported and participated in the work ongoing to develop a decision support tool for SARCCUP. This work is being undertaken by a joint contract among the SARCCUP parties (SAWPA member agencies) with CH2M. SAWPA staff is providing input but is not the contract awarding body. The decision support tool’s modeling results, which will determine the price per acre foot of SARCCUP water, is projected to be released in early December 2016.</li> </ul>	<ul style="list-style-type: none"> <li>• DWR/SAWPA Agreement is anticipated to be executed by mid to late October 2016.</li> <li>• SAWPA contracts with all SAWPA member agencies and Orange County Coastkeeper for SARCCUP are anticipated to be executed by January 2017 by the SARCCUP agencies. SAWPA will likely bring them to the SAWPA Commission by November, 2016.</li> <li>• SAWPA contracts with the other agencies receiving funds from the 2015 Round are estimated to be executed by SAWPA by November, 2016.</li> </ul>

## Legislative Status Report for SAWPA October, 2016

### [AB 1](#)

#### **(Brown D) Drought: local governments: fines.**

**Current Text:** Chaptered: 7/13/2015 [pdf](#) [html](#)

**Introduced:** 12/1/2014

**Last Amend:** 6/16/2015

**Status:** 7/13/2015-Chaptered by Secretary of State - Chapter 62, Statutes of 2015.

**Location:** 7/13/2015-A. CHAPTERED

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

### [AB 23](#)

#### **(Patterson R) California Global Warming Solutions Act of 2006: market-based compliance mechanisms: exemption.**

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

**Introduced:** 12/1/2014

**Status:** 1/31/2016-Died pursuant to Article IV, Sec. 10(c) of the Constitution.

**Location:** 1/31/2016-A. DEAD

**Summary:** The California Global Warming Solutions Act of 2006 authorizes the State Air Resources Board to include the use of market-based compliance mechanisms. Current state board regulations require specified entities to comply with a market-based compliance mechanism beginning January 1, 2013, and require additional specified entities to comply with that market-based compliance mechanism beginning January 1, 2015. This bill would instead exempt those categories of persons or entities that did not have a compliance obligation, as defined, under a market-based compliance mechanism beginning January 1, 2013, from being subject to that market-based compliance mechanism through December 31, 2020.

### [AB 45](#)

#### **(Mullin D) Household hazardous waste.**

**Current Text:** Amended: 1/21/2016 [pdf](#) [html](#)

**Introduced:** 12/1/2014

**Last Amend:** 1/21/2016

**Status:** 7/1/2016-Failed Deadline pursuant to Joint Rule 61(b)(13). (Last location was E.Q. on 6/29/2016)

**Location:** 7/1/2016-S. DEAD

**Summary:** Would require the Department of Resources Recycling and Recovery to adopt one or more model ordinances for a comprehensive program for the collection of household hazardous waste and would authorize a local jurisdiction that provides for the residential collection and disposal of solid waste that proposes to enact an ordinance governing the collection and diversion of household hazardous waste to adopt one of the model ordinances adopted by the department.

### [AB 78](#)

#### **(Mathis R) Groundwater basins.**

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

**Introduced:** 1/5/2015

**Status:** 1/22/2016-Failed Deadline pursuant to Rule 61(b)(2). (Last location was 2 YEAR on 5/15/2015)

**Location:** 1/22/2016-A. DEAD

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

### [AB 88](#)

#### **(Gomez D) Sales and use taxes: exemption: energy or water efficient home appliances.**

**Current Text:** Vetoed: 10/10/2015 [pdf](#) [html](#)

**Introduced:** 1/7/2015

**Last Amend:** 7/15/2015

**Status:** 10/10/2015-Vetoed by the Governor

**Location:** 10/10/2015-A. VETOED

**Summary:** Would, until January 1, 2021, exempt from sales and use taxes the gross receipts from the sale of, and the storage, use, or other consumption in this state of, an energy or water efficient home appliance purchased by a public utility that is provided at no cost to a low-income participant in a federal, state, or ratepayer-funded energy or water efficiency program for use by that low-income participant in the energy efficiency program. The bill would define terms for its purposes.

### [AB 91](#)

#### **(Committee on Budget) Budget Act of 2014.**

**Current Text:** Chaptered: 3/27/2015 [pdf](#) [html](#)

**Introduced:** 1/7/2015

**Last Amend:** 3/24/2015

**Status:** 3/27/2015-Chaptered by Secretary of State - Chapter No. 1

**Location:** 3/27/2015-A. CHAPTERED

**Summary:** The Budget Act of 2014 made appropriations for the support of state government for the 2014-15 fiscal year. This bill would amend the Budget Act of 2014 by amending, adding, and repealing items of appropriation. This bill contains other related provisions.

**[AB 92](#)**

**(Committee on Budget) Water.**

**Current Text:** Chaptered: 3/27/2015 [pdf](#) [html](#)

**Introduced:** 1/7/2015

**Last Amend:** 3/24/2015

**Status:** 3/27/2015-Chaptered by Secretary of State - Chapter No. 2

**Location:** 3/27/2015-A. CHAPTERED

**Summary:** Current law requires any new diversion of water from any stream having populations of salmon and steelhead that is determined by the Department of Fish and Wildlife to be deleterious to salmon and steelhead to be screened by the owner of the diversion. This bill would require the department, within 30 days of providing written notice to the owner that the department has determined that the diversion is deleterious to salmon and steelhead, to submit to the owner its proposals as to measures necessary to protect the salmon and steelhead.

**[AB 149](#)**

**(Chávez R) Urban water management plans.**

**Current Text:** Chaptered: 7/6/2015 [pdf](#) [html](#)

**Introduced:** 1/15/2015

**Last Amend:** 6/11/2015

**Status:** 7/6/2015-Chaptered by Secretary of State - Chapter 49, Statutes of 2015.

**Location:** 7/6/2015-A. CHAPTERED

**Summary:** The Urban Water Management Planning Act requires an urban water supplier to submit to the Department of Water Resources a copy of its plan no later than 30 days after adoption and requires the department to prepare and submit to the Legislature, on or before December 31, in the years ending in 6 and 1, a report summarizing the status of plans adopted pursuant to the act. This bill would require each urban water supplier to update and submit its 2020 plan to the department by July 1, 2021, and would require the department to submit the report to the Legislature for the 2015 plans by July 1, 2017, and the report for the 2020 plans by July 1, 2022.

**[AB 152](#)**

**(Bigelow R) Water rights: appropriation.**

**Current Text:** Introduced: 1/15/2015 [pdf](#) [html](#)

**Introduced:** 1/15/2015

**Status:** 1/22/2016-Failed Deadline pursuant to Rule 61(b)(2). (Last location was 2 YEAR on 5/15/2015)

**Location:** 1/22/2016-A. DEAD

**Summary:** Under current law, the State Water Resources Control Board administers a water rights program pursuant to which the board grants permits and licenses to appropriate water. Current law requires the board to allow the appropriation for beneficial purposes of unappropriated water under terms and conditions as in its judgment will best develop, conserve, and utilize in the public interest the water sought to be appropriated. This bill would make a technical, nonsubstantive change to these provisions.

**[AB 153](#)**

**(Bigelow R) Integrated regional water management planning.**

**Current Text:** Introduced: 1/15/2015 [pdf](#) [html](#)

**Introduced:** 1/15/2015

**Status:** 1/22/2016-Failed Deadline pursuant to Rule 61(b)(2). (Last location was 2 YEAR on 5/15/2015)

**Location:** 1/22/2016-A. DEAD

**Summary:** Current law authorizes a regional water management group to prepare and adopt an integrated regional water management plan with specified components. This bill would make a technical, nonsubstantive change to that provision.

**[AB 228](#)**

**(Waldron R) State Water Resources Development System: reporting requirement.**

**Current Text:** Introduced: 2/4/2015 [pdf](#) [html](#)

**Introduced:** 2/4/2015

**Status:** 1/22/2016-Failed Deadline pursuant to Rule 61(b)(2). (Last location was 2 YEAR on 5/15/2015)

**Location:** 1/22/2016-A. DEAD

**Summary:** Under current law, the Department of Water Resources operates the State Water Resources Development System. Current law requires the department, on or before January 10, 2010, and annually thereafter, to prepare and submit to the chairpersons of the fiscal committees of the Legislature a report, as prescribed, about the budget of the State Water Resources Development System. This bill would make a technical, nonsubstantive change in these provisions.

- [AB 307](#)** **(Mathis R) Graywater: groundwater recharge.**  
**Current Text:** Introduced: 2/12/2015 [pdf](#) [html](#)  
**Introduced:** 2/12/2015  
**Status:** 1/22/2016-Failed Deadline pursuant to Rule 61(b)(2). (Last location was 2 YEAR on 5/15/2015)  
**Location:** 1/22/2016-A. DEAD  
**Summary:** Would state the intent of the Legislature to enact legislation to explicitly permit the usage of residential, commercial, and industrial graywater for the recharge of a groundwater basin or aquifer.
- [AB 308](#)** **(Mathis R) Graywater: agricultural use.**  
**Current Text:** Introduced: 2/12/2015 [pdf](#) [html](#)  
**Introduced:** 2/12/2015  
**Status:** 1/22/2016-Failed Deadline pursuant to Rule 61(b)(2). (Last location was 2 YEAR on 5/15/2015)  
**Location:** 1/22/2016-A. DEAD  
**Summary:** Would state the intent of the Legislature to enact legislation to explicitly permit incorporated and unincorporated communities to sell graywater for agricultural purposes and agriculture to use graywater for agricultural purposes.
- [AB 311](#)** **(Gallagher R) Environmental quality: Water Quality, Supply, and Infrastructure Improvement Act of 2014.**  
**Current Text:** Amended: 4/15/2015 [pdf](#) [html](#)  
**Introduced:** 2/12/2015  
**Last Amend:** 4/15/2015  
**Status:** 1/15/2016-Failed Deadline pursuant to Rule 61(b)(1). (Last location was 2 YEAR on 5/1/2015)  
**Location:** 1/15/2016-A. DEAD  
**Summary:** Would require a public agency, in certifying an environmental impact report and in granting approvals for specified water storage projects funded, in whole or in part, by Proposition 1, to comply with specified procedures. Because a public agency would be required to comply with those new procedures, this bill would impose a state-mandated local program. The bill would authorize the public agency to concurrently prepare the record of proceedings for the project. This bill contains other related provisions and other existing laws.
- [AB 313](#)** **(Atkins D) Enhanced infrastructure financing districts.**  
**Current Text:** Chaptered: 9/22/2015 [pdf](#) [html](#)  
**Introduced:** 2/12/2015  
**Last Amend:** 8/25/2015  
**Status:** 9/22/2015-Chaptered by Secretary of State - Chapter 320, Statutes of 2015.  
**Location:** 9/22/2015-A. CHAPTERED  
**Summary:** Would require, after the adoption of a resolution of intention to establish a proposed district, the legislative body to send a copy of the resolution to the public financing authority. This bill would revise the duties of the public financing authority after the resolution of intention to establish the proposed district has been adopted, so that the public financing authority, instead of the legislative body, will perform the specified duties related to the preparation, proposal, and adoption of the infrastructure financing plan and the adoption of the formation of the district.
- [AB 323](#)** **(Olsen R) California Environmental Quality Act: exemption: roadway improvement.**  
**Current Text:** Chaptered: 7/6/2015 [pdf](#) [html](#)  
**Introduced:** 2/13/2015  
**Last Amend:** 4/6/2015  
**Status:** 7/6/2015-Chaptered by Secretary of State - Chapter 52, Statutes of 2015.  
**Location:** 7/6/2015-A. CHAPTERED  
**Summary:** The California Environmental Quality Act (CEQA), until January 1, 2016, exempts a project or an activity to repair, maintain, or make minor alterations to an existing roadway, as defined, if the project or activity is carried out by a city or county with a population of less than 100,000 persons to improve public safety and meets other specified requirements. This bill would extend the above exemption to January 1, 2020.
- [AB 349](#)** **(Gonzalez D) Common interest developments: property use and maintenance.**  
**Current Text:** Chaptered: 9/4/2015 [pdf](#) [html](#)  
**Introduced:** 2/17/2015  
**Last Amend:** 8/17/2015  
**Status:** 9/4/2015-Chaptered by Secretary of State - Chapter 266, Statutes of 2015.  
**Location:** 9/4/2015-A. CHAPTERED  
**Summary:** Current law makes void and unenforceable any provision of the governing documents or architectural or landscaping guidelines or policies that prohibits use of low water-using plants, or prohibits or restricts compliance with water-efficient landscape ordinances or regulations on the use of

water, as specified. This bill would make void and unenforceable any provision of the governing documents or architectural or landscaping guidelines or policies that prohibits use of artificial turf or any other synthetic surface that resembles grass. This bill contains other existing laws.

- [AB 392](#) (Atkins D) San Diego River Conservancy.**  
**Current Text:** Chaptered: 10/8/2015 [pdf](#) [html](#)  
**Introduced:** 2/18/2015  
**Last Amend:** 5/5/2015  
**Status:** 10/8/2015-Chaptered by Secretary of State - Chapter 622, Statutes of 2015.  
**Location:** 10/8/2015-A. CHAPTERED  
**Summary:** The San Diego River Conservancy Act establishes the San Diego River Conservancy in the Natural Resources Agency, and prescribes the territory, membership, and functions and duties of the conservancy with regard to, among other things, the acquisition, protection, and management of public lands within the San Diego River area, as defined. Current law provides that the act will remain in effect until January 1, 2020. This bill would delete the January 1, 2020, repeal date, thereby extending the operation of the act indefinitely.
- [AB 401](#) (Dodd D) Low-Income Water Rate Assistance Program.**  
**Current Text:** Chaptered: 10/9/2015 [pdf](#) [html](#)  
**Introduced:** 2/19/2015  
**Last Amend:** 9/2/2015  
**Status:** 10/9/2015-Chaptered by Secretary of State - Chapter 662, Statutes of 2015.  
**Location:** 10/9/2015-A. CHAPTERED  
**Summary:** Would require the State Water Resources Control Board, no later than January 1, 2018, in collaboration with the State Board of Equalization and relevant stakeholders, to develop a plan for the funding and implementation of the Low-Income Water Rate Assistance Program, which would include specified elements. The bill would permit the board to consider existing rate assistance programs authorized by the commission in developing the plan and would authorize the plan to include recommendations for other cost-effective methods of offering assistance to low-income water customers.
- [AB 434](#) (Garcia, Eduardo D) Drinking water: point-of-entry and point-of-use treatment.**  
**Current Text:** Chaptered: 10/9/2015 [pdf](#) [html](#)  
**Introduced:** 2/19/2015  
**Last Amend:** 8/18/2015  
**Status:** 10/9/2015-Chaptered by Secretary of State - Chapter 663, Statutes of 2015.  
**Location:** 10/9/2015-A. CHAPTERED  
**Summary:** Would require the State Water Resources Control Board to adopt regulations, similar to those previously authorized for adoption by the State Department of Public Health, governing the use of point-of-entry and point-of-use treatment by a public water system in lieu of centralized treatment where it can be demonstrated that centralized treatment is not immediately economically feasible, with specified limitations. This bill contains other related provisions.
- [AB 452](#) (Bigelow R) Water Rights Fund: groundwater regulation.**  
**Current Text:** Amended: 4/21/2015 [pdf](#) [html](#)  
**Introduced:** 2/23/2015  
**Last Amend:** 4/21/2015  
**Status:** 1/15/2016-Failed Deadline pursuant to Rule 61(b)(1). (Last location was W.,P. & W. on 12/9/2015)  
**Location:** 1/15/2016-A. DEAD  
**Summary:** Current law establishes groundwater reporting requirements for a person extracting groundwater in an area within a basin that is not within the management area of a groundwater sustainability agency or that is a probationary basin. Current law establishes the Water Rights Fund, which consists of various fees and penalties. This bill would prohibit water rights fees from being available for expenditure by the board for the purposes of board enforcement of the provisions of the Sustainable Groundwater Management Act and the groundwater reporting requirements.
- [AB 453](#) (Salas D) Extraction of groundwater: Semitropic Water Storage District.**  
**Current Text:** Chaptered: 9/22/2016 [pdf](#) [html](#)  
**Introduced:** 2/23/2015  
**Last Amend:** 8/8/2016  
**Status:** 9/22/2016-Chaptered by Secretary of State - Chapter 439, Statutes of 2016.  
**Location:** 9/22/2016-A. CHAPTERED  
**Summary:** Would authorize the Semitropic Water Storage District to collect groundwater extraction information and to require the reporting of groundwater information, as specified. This bill would authorize the district to impose fees on the extraction of groundwater from the basin, as prescribed.



This bill contains other related provisions.

- [AB 454](#) (Bigelow R) Sustainable groundwater management.**  
**Current Text:** Introduced: 2/23/2015 [pdf](#) [html](#)  
**Introduced:** 2/23/2015  
**Status:** 1/22/2016-Failed Deadline pursuant to Rule 61(b)(2). (Last location was 2 YEAR on 5/29/2015)  
**Location:** 1/22/2016-A. DEAD  
**Summary:** Would require a high- or medium-priority basin that is not subject to critical conditions of overdraft to be managed under a groundwater sustainability plan or coordinated groundwater sustainability plan by January 31, 2023. This bill contains other related provisions and other existing laws.
- [AB 455](#) (Bigelow R) Groundwater sustainability plans: environmental impact reports.**  
**Current Text:** Introduced: 2/23/2015 [pdf](#) [html](#)  
**Introduced:** 2/23/2015  
**Status:** 1/15/2016-Failed Deadline pursuant to Rule 61(b)(1). (Last location was 2 YEAR on 5/1/2015)  
**Location:** 1/15/2016-A. DEAD  
**Summary:** Would require the Judicial Council, on or before July 1, 2016, to adopt a rule of court to establish procedures applicable to actions or proceedings brought to attack, review, set aside, void, or annul the certification of an EIR for projects covered by a groundwater sustainability plan that require the actions or proceedings be resolved within 270 days of certification of the record of proceeding. The bill would also prohibit the court from staying or enjoining the construction or operation of the project unless the court makes a certain finding. This bill contains other existing laws.
- [AB 478](#) (Harper R) Desalination.**  
**Current Text:** Introduced: 2/23/2015 [pdf](#) [html](#)  
**Introduced:** 2/23/2015  
**Status:** 1/22/2016-Failed Deadline pursuant to Rule 61(b)(2). (Last location was 2 YEAR on 5/15/2015)  
**Location:** 1/22/2016-A. DEAD  
**Summary:** Current law provides that it is the intention of the Legislature that the Department of Water Resources shall undertake to find economic and efficient methods of desalting saline water so that desalted water may be made available to help meet the growing water requirements of the state. This bill would make a nonsubstantive change in these provisions.
- [AB 581](#) (Gomez D) Water Quality, Supply, and Infrastructure Improvement Act of 2014.**  
**Current Text:** Amended: 1/4/2016 [pdf](#) [html](#)  
**Introduced:** 2/24/2015  
**Last Amend:** 1/4/2016  
**Status:** 7/1/2016-Failed Deadline pursuant to Joint Rule 61(b)(13). (Last location was N.R. & W. on 2/4/2016)  
**Location:** 7/1/2016-S. DEAD  
**Summary:** The Water Quality, Supply, and Infrastructure Improvement Act of 2014 provides that it is the intent of the people that, to the extent practicable, a project supported by the funds made available by the act will include signage informing the public that the project received funds from the act. This bill would require certain recipients of funding pursuant to the act to post signs acknowledging the source of funds in accordance with guidelines that the Secretary of the Natural Resources Agency would be required to develop.
- [AB 585](#) (Melendez R) Outdoor Water Efficiency Act of 2015: personal income tax credits: outdoor water efficiency.**  
**Current Text:** Amended: 7/15/2015 [pdf](#) [html](#)  
**Introduced:** 2/24/2015  
**Last Amend:** 7/15/2015  
**Status:** 1/31/2016-Died pursuant to Article IV, Sec. 10(c) of the Constitution.  
**Location:** 1/31/2016-A. DEAD  
**Summary:** Would, for taxable years beginning on or after January 1, 2016, and before January 1, 2021, allow a credit equal to 25% of the amount paid or incurred by a qualified taxpayer for water-efficiency improvements, as defined, on qualified real property in this state, not to exceed \$2,500 per taxable year, as specified. The bill would limit the cumulative amount of the credit to \$2,500 for each qualified real property for all taxable years.
- [AB 603](#) (Salas D) Income taxes: Every Drop Counts Tax Credit.**  
**Current Text:** Amended: 5/21/2015 [pdf](#) [html](#)  
**Introduced:** 2/24/2015  
**Last Amend:** 5/21/2015  
**Status:** 1/31/2016-Died pursuant to Article IV, Sec. 10(c) of the Constitution.

**Location:** 1/31/2016-A. DEAD

**Summary:** Would, under the Personal Income Tax Law and the Corporation Tax Law, for taxable years beginning on and after January 1 2016, and before January 1, 2021, or an earlier date in the event of a specified occurrence, allow a credit to a taxpayer participating in a lawn replacement rebate program, as defined, in an amount equal to 25% of the costs paid or incurred by the taxpayer to replace conventional lawn on the qualified taxpayer's property during that taxable year, not to exceed \$1,500, as specified.

**[AB 606](#) (Levine D) Water conservation.**

**Current Text:** Chaptered: 10/9/2015 [pdf](#) [html](#)

**Introduced:** 2/24/2015

**Last Amend:** 8/25/2015

**Status:** 10/9/2015-Chaptered by Secretary of State - Chapter 665, Statutes of 2015.

**Location:** 10/9/2015-A. CHAPTERED

**Summary:** Would, when a state agency builds upon state-owned real property, purchases real property, or replaces landscaping or irrigation, require the state agency to reduce water consumption and increase water efficiencies for that property where feasible, as defined, through specified water efficiency measures. The bill would exempt from its requirements state-owned real property that is leased for agricultural purposes. This bill contains other existing laws.

**[AB 615](#) (Rendon D) Office of Sustainable Water Solutions: technical assistance.**

**Current Text:** Amended: 6/2/2015 [pdf](#) [html](#)

**Introduced:** 2/24/2015

**Last Amend:** 6/2/2015

**Status:** 7/1/2016-Failed Deadline pursuant to Joint Rule 61(b)(13). (Last location was 2 YEAR on 7/17/2015)

**Location:** 7/1/2016-S. DEAD

**Summary:** Current law establishes the Office of Sustainable Water Solutions with the purpose of promoting permanent and sustainable drinking water and wastewater treatment solutions to ensure the effective and efficient provision of safe, clean, affordable, and reliable drinking water and wastewater treatment services. Current law authorizes the office to take certain actions to further this purpose, including providing technical assistance to disadvantaged communities and small drinking water systems and wastewater systems. This bill would specify the types of technical assistance services that may be provided by the office.

**[AB 617](#) (Perea D) Groundwater.**

**Current Text:** Chaptered: 10/9/2015 [pdf](#) [html](#)

**Introduced:** 2/24/2015

**Last Amend:** 9/4/2015

**Status:** 10/9/2015-Chaptered by Secretary of State - Chapter 666, Statutes of 2015.

**Location:** 10/9/2015-A. CHAPTERED

**Summary:** Would define "in-lieu use" for the purposes of the Sustainable Groundwater Management Act and would provide that, where appropriate, measures addressing in-lieu use shall be included in a groundwater sustainability plan. This bill contains other related provisions and other existing laws.

**[AB 639](#) (Dahle R) Water quality: organization and membership of regional boards.**

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

**Introduced:** 2/24/2015

**Status:** 1/22/2016-Failed Deadline pursuant to Rule 61(b)(2). (Last location was 2 YEAR on 5/15/2015)

**Location:** 1/22/2016-A. DEAD

**Summary:** The Porter-Cologne Water Quality Control Act requires regional boards to consist of 7 members appointed by the Governor, 6 of them on the basis of demonstrated interest or proven ability in the field of water quality and one as a public member not specifically associated with any enumerated qualification. This bill would make nonsubstantive changes to these provisions.

**[AB 647](#) (Eggman D) Beneficial use: storing of water underground.**

**Current Text:** Amended: 6/30/2015 [pdf](#) [html](#)

**Introduced:** 2/24/2015

**Last Amend:** 6/30/2015

**Status:** 7/1/2016-Failed Deadline pursuant to Joint Rule 61(b)(13). (Last location was 2 YEAR on 7/17/2015)

**Location:** 7/1/2016-S. DEAD

**Summary:** Current law declares that the storing of water underground, and related diversions for that purpose, constitute a beneficial use of water if the stored water is thereafter applied to the beneficial purposes for which the appropriation for storage was made. This bill would repeal that declaration and instead declare that the diversion of water to underground storage constitutes a beneficial use of

water if the water so stored is thereafter applied to the beneficial purposes for which the appropriation for storage was made, or if the water is so stored consistent with a sustainable groundwater management plan, statutory authority to conduct groundwater recharge, or a judicial decree and is for specified purposes.

- [AB 656](#)** (**[Garcia, Cristina D](#)**) **Joint powers agreements: mutual water companies.**  
**Current Text:** Chaptered: 9/3/2015 [pdf](#) [html](#)  
**Introduced:** 2/24/2015  
**Last Amend:** 6/22/2015  
**Status:** 9/3/2015-Chaptered by Secretary of State - Chapter 250, Statutes of 2015.  
**Location:** 9/3/2015-A. CHAPTERED  
**Summary:** Would specifically authorize a mutual water company and a public agency to participate in joint powers agreement for the provision of insurance and risk-pooling, technical support, and other similar services for the purpose of reducing risk liability, as specified.
- [AB 888](#)** (**[Bloom D](#)**) **Waste management: plastic microbeads.**  
**Current Text:** Chaptered: 10/8/2015 [pdf](#) [html](#)  
**Introduced:** 2/26/2015  
**Last Amend:** 9/3/2015  
**Status:** 10/8/2015-Chaptered by Secretary of State - Chapter 594, Statutes of 2015.  
**Location:** 10/8/2015-A. CHAPTERED  
**Summary:** Would prohibit, on and after January 1, 2020, a person, as defined, from selling or offering for promotional purposes in this state a personal care product containing plastic microbeads that are used to exfoliate or cleanse in a rinse-off product, as specified. The bill would exempt from those prohibitions the sale or promotional offer of a product containing less than 1 part per million (ppm) by weight of plastic microbeads. This bill contains other related provisions.
- [AB 935](#)** (**[Salas D](#)**) **Water projects.**  
**Current Text:** Chaptered: 9/25/2016 [pdf](#) [html](#)  
**Introduced:** 2/26/2015  
**Last Amend:** 8/17/2016  
**Status:** 9/25/2016-Chaptered by Secretary of State - Chapter 601, Statutes of 2016.  
**Location:** 9/25/2016-A. CHAPTERED  
**Summary:** Current law establishes in the Natural Resources Agency the Department of Water Resources, which manages and undertakes planning with regard to water resources in the state. This bill would require, upon appropriation by the Legislature, the department to provide funding for a certain project provided that certain conditions are met.
- [AB 936](#)** (**[Salas D](#)**) **Groundwater monitoring.**  
**Current Text:** Amended: 4/15/2015 [pdf](#) [html](#)  
**Introduced:** 2/26/2015  
**Last Amend:** 4/15/2015  
**Status:** 1/22/2016-Failed Deadline pursuant to Rule 61(b)(2). (Last location was 2 YEAR on 5/29/2015)  
**Location:** 1/22/2016-A. DEAD  
**Summary:** Existing law establishes a groundwater monitoring program pursuant to which specified entities may propose to be designated by the Department of Water Resources as groundwater monitoring entities, as defined, for the purposes of monitoring and reporting with regard to groundwater elevations in all or part of a groundwater basin or subbasin. This bill would authorize the department to exempt an entity from this eligibility restriction if the entity submits to the department for approval documentation demonstrating that there are special circumstances justifying the entity's noncompliance, including, but not limited to, that a significant portion of the entity's service area qualifies as a disadvantaged community and that the water grant or loan project includes those actions needed to comply with groundwater monitoring functions.
- [AB 937](#)** (**[Salas D](#)**) **Groundwater planning: technical assistance: disadvantaged communities.**  
**Current Text:** Amended: 7/16/2015 [pdf](#) [html](#)  
**Introduced:** 2/26/2015  
**Last Amend:** 7/16/2015  
**Status:** 8/12/2016-Failed Deadline pursuant to Joint Rule 61(b)(14). (Last location was 2 YEAR on 8/28/2015)  
**Location:** 8/12/2016-S. DEAD  
**Summary:** Would require the Department of Water Resources to provide technical assistance to disadvantaged communities so that they may participate in groundwater planning, including, but not limited to, plans for regional groundwater banking, with any county or other local agency.
- [AB 938](#)** (**[Rodriguez D](#)**) **Sustainable Groundwater Management Act: adjudicated basins.**

**Current Text:** Amended: 3/9/2016 [pdf](#) [html](#)

**Introduced:** 2/26/2015

**Last Amend:** 3/9/2016

**Status:** 8/31/2016-Failed Deadline pursuant to Joint Rule 61(b)(17). (Last location was N.R. & W. on 3/9/2016)

**Location:** 8/31/2016-S. DEAD

**Summary:** Would authorize the watermaster or local agency administering an adjudicated basin to elect that the adjudicated basin be subject to the provisions of the Sustainable Groundwater Management Act. The bill would authorize the court with jurisdiction over the adjudicated basin to issue an order setting a hearing to determine whether the adjudicated basin shall be subject to the act, as prescribed. This bill contains other related provisions and other existing laws.

**[AB 939](#) (Salas D) Groundwater sustainability agencies.**

**Current Text:** Chaptered: 10/9/2015 [pdf](#) [html](#)

**Introduced:** 2/26/2015

**Last Amend:** 7/8/2015

**Status:** 10/9/2015-Chaptered by Secretary of State - Chapter 667, Statutes of 2015.

**Location:** 10/9/2015-A. CHAPTERED

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

**[AB 954](#) (Mathis R) Water and Wastewater Loan and Grant Program.**

**Current Text:** Amended: 7/6/2015 [pdf](#) [html](#)

**Introduced:** 2/26/2015

**Last Amend:** 7/6/2015

**Status:** 8/31/2016-Failed Deadline pursuant to Joint Rule 61(b)(17). (Last location was APPR. on 8/27/2015)

**Location:** 8/31/2016-S. DEAD

**Summary:** Would require the State Water Resources Control Board to establish a program to provide low-interest loans and grants to local agencies for low-interest loans and grants to eligible applicants for specified purposes relating to drinking water and wastewater treatment. This bill would create the Water and Wastewater Loan and Grant Fund and provide that the moneys in this fund are available, upon appropriation by the Legislature, to the board for expenditure for the program. This bill would transfer to the Water and Wastewater Loan and Grant Fund \$10,000,000 from the General Fund. This bill contains other related provisions.

**[AB 957](#) (Mathis R) Water Quality, Supply, and Infrastructure Improvement Act of 2014.**

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

**Introduced:** 2/26/2015

**Last Amend:** 3/26/2015

**Status:** 1/15/2016-Failed Deadline pursuant to Rule 61(b)(1). (Last location was 2 YEAR on 5/1/2015)

**Location:** 1/15/2016-A. DEAD

**Summary:** The Water Quality, Supply, and Infrastructure Improvement Act of 2014 requires specified water recycling and advanced treatment technology projects to be selected on a competitive basis, considering specified criteria, including, among other criteria, water supply reliability improvement and public health benefits from improved drinking water quality or supply. This bill would include in the water supply reliability improvement criterion whether the project is proposed by a community that is heavily dependent on groundwater from a basin in overdraft, and would include in the public health benefits criterion whether the project is proposed by a community that has extended, or is in the process of extending, its water service delivery to entities reliant on either contaminated groundwater or groundwater wells that have run dry.

**[AB 977](#) (Mayes R) State Water Pollution Control Revolving Fund.**

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

**Introduced:** 2/26/2015

**Last Amend:** 3/26/2015

**Status:** 1/15/2016-Failed Deadline pursuant to Rule 61(b)(1). (Last location was 2 YEAR on 5/1/2015)

**Location:** 1/15/2016-A. DEAD

**Summary:** Current law continuously appropriates state and federal funds in the State Water Pollution Control Revolving Fund to the State Water Resources Control Board for loans and other financial

assistance for the construction of publicly owned treatment works and other related purposes, to a municipality, intermunicipal agency, interstate agency, or state agency in accordance with the federal Clean Water Act and the Porter-Cologne Water Quality Control Act. Current law requires the loans to meet certain criteria, including requiring full amortization not later than 20 years after project completion, except as specified. This bill would, subject to the same exception, require full amortization not later than 30 years after project completion.

**[AB 1068](#) (Allen, Travis R) California Environmental Quality Act: priority projects.**

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

**Introduced:** 2/26/2015

**Status:** 1/15/2016-Failed Deadline pursuant to Rule 61(b)(1). (Last location was 2 YEAR on 5/1/2015)

**Location:** 1/15/2016-A. DEAD

**Summary:** Would authorize each Member of the Legislature to nominate one project within his or her respective district each year, and the Governor to designate those projects as priority projects if the projects meet specified requirements. The bill would require the Governor to provide a notice of the designation to the appropriate lead agency and to the Office of Planning and Research. The bill would require the lead agency to notify the public and interested stakeholders of the designation, as specified, thereby imposing a state-mandated local program.

**[AB 1077](#) (Holden D) Mutual water companies: open meetings.**

**Current Text:** Chaptered: 10/9/2015 [pdf](#) [html](#)

**Introduced:** 2/27/2015

**Last Amend:** 8/31/2015

**Status:** 10/9/2015-Chaptered by Secretary of State - Chapter 669, Statutes of 2015.

**Location:** 10/9/2015-A. CHAPTERED

**Summary:** Would prohibit a mutual water company from meeting solely in an executive session without holding a meeting. The bill would require notice of a meeting to be given to an eligible person at least 4 days prior to the meetings. The bill would require a board of directors of a mutual water company to allow an eligible person to personally attend a meeting of the board, if the eligible person gave the board at least 24 hours advance written notice of his or her intent to personally attend the meeting.

**[AB 1095](#) (Garcia, Eduardo D) Salton Sea: restoration projects.**

**Current Text:** Chaptered: 10/9/2015 [pdf](#) [html](#)

**Introduced:** 2/27/2015

**Last Amend:** 7/7/2015

**Status:** 10/9/2015-Chaptered by Secretary of State - Chapter No. 722, Statutes of 2015

**Location:** 10/9/2015-A. CHAPTERED

**Summary:** Would require, on or before March 31, 2016, the Natural Resources Agency to submit to the Legislature a list of shovel-ready, as defined, Salton Sea restoration projects, including information regarding project costs and project completion timelines.

**[AB 1128](#) (Jones-Sawyer D) Water conservation.**

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

**Introduced:** 2/27/2015

**Status:** 1/22/2016-Failed Deadline pursuant to Rule 61(b)(2). (Last location was 2 YEAR on 5/15/2015)

**Location:** 1/22/2016-A. DEAD

**Summary:** Current law declares the intent of the Legislature to, among other things, promote urban water conservation standards that are consistent with the California Urban Water Conservation Council's adopted best management practices and specified requirements for demand management. This bill would make nonsubstantive changes to these findings and declarations.

**[AB 1139](#) (Campos D) Personal income taxes: credit: turf removal.**

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

**Introduced:** 2/27/2015

**Last Amend:** 3/26/2015

**Status:** 1/31/2016-Died pursuant to Article IV, Sec. 10(c) of the Constitution.

**Location:** 1/31/2016-A. DEAD

**Summary:** The Personal Income Tax Law allows various credits against the taxes imposed by that law. This bill would, for taxable years beginning on and after January 1, 2015, allow a credit to a taxpayer participating in a lawn replacement program, as defined, in an amount equal to \$2 per square foot of conventional lawn removed from the taxpayer's property, up to \$50,000 per taxable year, as provided. The bill would make findings and declarations in this regard.

**[AB 1173](#) (Williams D) Water equipment: backflow prevention devices testing: certification.**

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



**Introduced:** 2/27/2015

**Last Amend:** 3/26/2015

**Status:** 7/1/2016-Failed Deadline pursuant to Joint Rule 61(b)(13). (Last location was E.Q. on 5/5/2016)

**Location:** 7/1/2016-S. DEAD

**Summary:** Would require, if a local health officer does not maintain a program for certification of backflow prevention device testers, the testing and maintenance of a backflow prevention device be performed by a person who has received a California-specific certification for testing backflow prevention devices from one of specified entities or a similar certification provider deemed acceptable by the state board or the local health officer. Because a violation of these requirements would be a crime, this bill would impose a state-mandated local program. This bill contains other related provisions and other existing laws.

**AB 1180 (Garcia, Cristina D) Rates and charges for water service: payment transaction fees.**

**Current Text:** Chaptered: 9/9/2016 [pdf](#) [html](#)

**Introduced:** 2/27/2015

**Last Amend:** 8/8/2016

**Status:** 9/9/2016-Chaptered by Secretary of State - Chapter 254, Statutes of 2016.

**Location:** 9/9/2016-A. CHAPTERED

**Summary:** Would, until January 1, 2022, authorize a water corporation with more than 10,000 service connections to seek commission approval, through its general rate case application, to operate a pilot program designed to evaluate customer interest in, and utilization of, bill payment options, including, but not limited to, credit card, debit card, and prepaid card bill payment options, and to assess the cost-effectiveness of, and customer interests served by, customer access to those bill payment options. The bill would limit the duration of a pilot program to the duration of the water corporation's rate case cycle.

**AB 1192 (Quirk D) Fair Information Practices Act.**

**Current Text:** Amended: 4/6/2015 [pdf](#) [html](#)

**Introduced:** 2/27/2015

**Last Amend:** 4/6/2015

**Status:** 1/22/2016-Failed Deadline pursuant to Rule 61(b)(2). (Last location was 2 YEAR on 5/15/2015)

**Location:** 1/22/2016-A. DEAD

**Summary:** Would require a person, as defined, that provides a mobile operating system or platform that is used by an operator or developer of a mobile application that collects personal data from an individual California user through the mobile application or an online service to create universal privacy policy standards that are based on certain principles, including, but not limited to, transparency and security. The bill would require that person to conspicuously post those standards on the person's Internet Web site in a digital format that is accessible to all users, and would require a developer or operator of a mobile application using a mobile operating system or platform to accept those universal privacy policy standards, except as specified. The bill would also make legislative findings and declarations regarding those principles.

**AB 1201 (Salas D) Fish and wildlife: Sacramento-San Joaquin Delta: predation by nonnative species.**

**Current Text:** Amended: 8/17/2015 [pdf](#) [html](#)

**Introduced:** 2/27/2015

**Last Amend:** 8/17/2015

**Status:** 8/12/2016-Failed Deadline pursuant to Joint Rule 61(b)(14). (Last location was 2 YEAR on 8/28/2015)

**Location:** 8/12/2016-S. DEAD

**Summary:** Would require the Department of Fish and Wildlife, by June 30, 2016, to develop a science-based plan that addresses predation by nonnative species upon species of fish listed pursuant to the California Endangered Species Act that reside all or a portion of their lives in the Sacramento-San Joaquin Delta and that considers predation reduction for all Chinook salmon and other native species not listed pursuant to the act.

**AB 1242 (Gray D) Water quality and storage.**

**Current Text:** Amended: 9/1/2015 [pdf](#) [html](#)

**Introduced:** 2/27/2015

**Last Amend:** 9/1/2015

**Status:** 8/31/2016-Failed Deadline pursuant to Joint Rule 61(b)(17). (Last location was 2 YEAR on 9/11/2015)

**Location:** 8/31/2016-S. DEAD

**Summary:** Would require the Department of Water Resources to increase statewide water storage capacity by 25% by January 1, 2025, and 50% by January 1, 2050, as specified. The bill would require the department, on or before January 1, 2017, to identify the current statewide water storage capacity and prepare a strategy and implementation plan to achieve those expansions in statewide water

storage capacity, and would require the department to update the strategy and implementation plan on January 1, 2018, and every 2 years thereafter, until January 1, 2050.

- [AB 1243](#) (Gray D) Groundwater recharge: grants.**  
**Current Text:** Introduced: 2/27/2015 [pdf](#) [html](#)  
**Introduced:** 2/27/2015  
**Status:** 1/15/2016-Failed Deadline pursuant to Rule 61(b)(1). (Last location was 2 YEAR on 5/1/2015)  
**Location:** 1/15/2016-A. DEAD  
**Summary:** Would establish the Groundwater Recharge Grant Fund and would provide that moneys in the fund are available, upon appropriation by the Legislature, to the State Water Resources Control Board to provide grants to local governments and water districts for groundwater recharge infrastructure projects. This bill contains other related provisions and other existing laws.
- [AB 1315](#) (Alejo D) Public contracts: water pollution prevention plans: delegation.**  
**Current Text:** Amended: 4/21/2015 [pdf](#) [html](#)  
**Introduced:** 2/27/2015  
**Last Amend:** 4/21/2015  
**Status:** 1/22/2016-Failed Deadline pursuant to Rule 61(b)(2). (Last location was 2 YEAR on 5/29/2015)  
**Location:** 1/22/2016-A. DEAD  
**Summary:** Would prohibit a public entity, charter city, or charter county from delegating to a contractor the development of a plan, as defined, used to prevent or reduce water pollution or runoff on a public works contract, except as provided. By requiring a public entity, charter city, or charter county to prepare a plan, the bill would impose a state-mandated local program. This bill contains other related provisions and other existing laws.
- [AB 1376](#) (Perea D) State Water Resources Control Board: appropriation: drought-related drinking water projects.**  
**Current Text:** Amended: 3/26/2015 [pdf](#) [html](#)  
**Introduced:** 2/27/2015  
**Last Amend:** 3/26/2015  
**Status:** 1/31/2016-Died pursuant to Article IV, Sec. 10(c) of the Constitution.  
**Location:** 1/31/2016-A. DEAD  
**Summary:** Would appropriate \$15,000,000 from the General Fund to the State Water Resources Control Board, for expenditure until June 30, 2016, for grants of up to \$500,000 per project for public water systems to address drought-related drinking water emergencies or threatened emergencies in the state. The bill would require the state board to make every effort to use other funds available to address drinking water emergencies, including federal funds made available for the drought, prior to using the funds appropriated pursuant to these provisions.
- [AB 1390](#) (Alejo D) Groundwater: comprehensive adjudication.**  
**Current Text:** Chaptered: 10/9/2015 [pdf](#) [html](#)  
**Introduced:** 2/27/2015  
**Last Amend:** 9/4/2015  
**Status:** 10/9/2015-Chaptered by Secretary of State - Chapter 672, Statutes of 2015.  
**Location:** 10/9/2015-A. CHAPTERED  
**Summary:** The Sustainable Groundwater Management Act, which applies to all groundwater basins in the state, all basins designated as high- or medium-priority basins by the Department of Water Resources as basins that are subject to critical conditions of overdraft, as specified, are required to be managed under a groundwater sustainability plan or coordinated groundwater sustainability plans by January 31, 2020. This bill would establish special procedures for a comprehensive adjudication, which is defined as an action filed in superior court to comprehensively determine rights to extract groundwater in a basin.
- [AB 1454](#) (Wagner R) Water quality standards: trash: single-use carryout bags.**  
**Current Text:** Amended: 4/20/2015 [pdf](#) [html](#)  
**Introduced:** 2/27/2015  
**Last Amend:** 4/20/2015  
**Status:** 1/15/2016-Failed Deadline pursuant to Rule 61(b)(1). (Last location was 2 YEAR on 5/1/2015)  
**Location:** 1/15/2016-A. DEAD  
**Summary:** Would suspend the operation of certain amendments to water quality control plans relating to the total maximum daily load for trash unless and until the provisions inoperative due to a pending referendum election become effective. This bill would require the State Water Resources Control Board to revisit and revise water quality control plans to address impaired water quality due to trash if the law pending referendum is defeated at the November 8, 2016, statewide general election.
- [AB 1473](#) (Salas D) California Environmental Quality Act.**

**Current Text:** Amended: 1/4/2016 [pdf](#) [html](#)

**Introduced:** 2/27/2015

**Last Amend:** 1/4/2016

**Status:** 1/22/2016-Failed Deadline pursuant to Rule 61(b)(2). (Last location was NAT. RES. on 1/4/2016)

**Location:** 1/22/2016-A. DEAD

**Summary:** Would extend the time by which the Governor may certify projects as environmental leadership projects to January 1, 2019, and would extend the time by which lead agencies are required to approve certified projects to January 1, 2020, in order for certified projects to benefit from the streamlining benefits. Because the bill would extend the time period in which lead agencies would be required to concurrently prepare the record of proceedings, the bill would impose a state-mandated local program. The bill would repeal the act on January 1, 2021. This bill contains other related provisions and other existing laws.

**[AB 1587](#) (Mathis R) Groundwater.**

**Current Text:** Amended: 4/14/2016 [pdf](#) [html](#)

**Introduced:** 1/6/2016

**Last Amend:** 4/14/2016

**Status:** 5/27/2016-Failed Deadline pursuant to Joint Rule 61(b)(8). (Last location was APPR. SUSPENSE FILE on 4/27/2016)

**Location:** 5/27/2016-A. DEAD

**Summary:** Would, in implementing the competitive grants for projects that develop and implement groundwater planning requirements, require special consideration be given to those projects that would create groundwater recharge basins in areas of fallow farmland. This bill would appropriate \$50,000,000 from the proceeds of the bond act for the purpose of that competitive grant program.

**[AB 1588](#) (Mathis R) Water and Wastewater Loan and Grant Program.**

**Current Text:** Vetoed: 9/22/2016 [pdf](#) [html](#)

**Introduced:** 1/6/2016

**Last Amend:** 8/16/2016

**Status:** 9/22/2016-Vetoed by the Governor

**Location:** 9/22/2016-A. VETOED

**Summary:** Would, to the extent funding is made available, authorize the State Water Resources Control Board to establish a program to provide funding to counties and qualified nonprofit organizations to award low-interest loans and grants to eligible applicants for specified purposes relating to drinking water and wastewater treatment. This bill would authorize a county or qualified nonprofit organization to apply to the board for a grant to award loans or grants, or both, to residents of the county, as prescribed.

**[AB 1589](#) (Mathis R) California Environmental Quality Act: exemption: drought mitigation.**

**Current Text:** Amended: 3/14/2016 [pdf](#) [html](#)

**Introduced:** 1/6/2016

**Last Amend:** 3/14/2016

**Status:** 4/22/2016-Failed Deadline pursuant to Joint Rule 61(b)(5). (Last location was A. NAT. RES. on 4/5/2016)

**Location:** 4/22/2016-A. DEAD

**Summary:** Would, for the duration of a state of emergency proclaimed by the Governor due to drought conditions, exempt from the requirements of CEQA certain projects that are undertaken, carried out, or approved by a public agency to mitigate those drought conditions. This bill contains other related provisions and other existing laws.

**[AB 1590](#) (Mathis R) State Water Resources Control Board: appointments.**

**Current Text:** Amended: 3/10/2016 [pdf](#) [html](#)

**Introduced:** 1/6/2016

**Last Amend:** 3/10/2016

**Status:** 4/22/2016-Failed Deadline pursuant to Joint Rule 61(b)(5). (Last location was A. W.,P. & W. on 3/14/2016)

**Location:** 4/22/2016-A. DEAD

**Summary:** Would require that an additional 4 members be appointed to the State Water Resources Control Board by the Legislature. The bill would require that one member each be appointed by the Speaker of the Assembly, the Assembly Minority Leader, the President pro Tempore of the Senate, and the Senate Minority Leader. The bill would require that vacancies be immediately filled by the appointing power.

**[AB 1647](#) (Waldron R) Environmental quality: water storage facilities.**

**Current Text:** Introduced: 1/12/2016 [pdf](#) [html](#)



**Introduced:** 1/12/2016

**Status:** 4/22/2016-Failed Deadline pursuant to Joint Rule 61(b)(5). (Last location was A. NAT. RES. on 2/4/2016)

**Location:** 4/22/2016-A. DEAD

**Summary:** The California Environmental Quality Act requires the lead agency to determine whether a project may have a significant effect on the environment based on substantial evidence in light of the whole record. The act exempts certain specified projects from its requirements. This bill would exempt a project to expand the storage capacity of an existing surface water storage facility, or to replace an existing surface water storage facility, that is owned and operated by a public entity if that public entity adopts, by resolution, findings and declarations that the project meets specified criteria.

**AB 1649 (Salas D) State water policy: priority: surface water storage projects and joint powers authorities.**

**Current Text:** Amended: 5/27/2016 [pdf](#) [html](#)

**Introduced:** 1/12/2016

**Last Amend:** 5/27/2016

**Status:** 7/1/2016-Failed Deadline pursuant to Joint Rule 61(b)(13). (Last location was N.R. & W. on 6/16/2016)

**Location:** 7/1/2016-S. DEAD

**Summary:** Would require the Department of Water Resources to develop a state water policy that gives priority to the formation of joint powers authorities that are formed to address critical surface water storage needs and to funding of the joint powers authorities' surface water projects. The bill would make findings and declarations of the Legislature, including, but not limited to, that, of the water storage projects available, the Temperance Flat Dam and Sites Reservoir will meet statewide goals and provide specified public benefits to the greatest extent.

**AB 1694 (Lackey R) State Water Resources Control Board: grant program for school drinking water.**

**Current Text:** Amended: 3/15/2016 [pdf](#) [html](#)

**Introduced:** 1/21/2016

**Last Amend:** 3/15/2016

**Status:** 4/22/2016-Failed Deadline pursuant to Joint Rule 61(b)(5). (Last location was A. E.S. & T.M. on 3/31/2016)

**Location:** 4/22/2016-A. DEAD

**Summary:** Would require the State Water Resources Control Board to establish a grant program to award grants to public elementary and secondary schools to improve access to, and the quality of, drinking water. The bill would specify various types of projects for which these grants could be awarded. The bill would require the state board to give priority to applicant public elementary and secondary schools that serve a disadvantaged community, as defined.

**AB 1713 (Eggman D) Sacramento-San Joaquin Delta: peripheral canal.**

**Current Text:** Introduced: 1/26/2016 [pdf](#) [html](#)

**Introduced:** 1/26/2016

**Status:** 5/27/2016-Failed Deadline pursuant to Joint Rule 61(b)(8). (Last location was APPR. SUSPENSE FILE on 4/27/2016)

**Location:** 5/27/2016-A. DEAD

**Summary:** Current law requires various state agencies to administer programs relating to water supply, water quality, and flood management in the Sacramento-San Joaquin Delta. The bill would prohibit the construction of a peripheral canal, as defined, unless expressly authorized by an initiative voted on by the voters of California on or after January 1, 2017, and would require the Legislative Analyst's Office to complete a prescribed economic feasibility analysis prior to a vote authorizing the construction of a peripheral canal.

**AB 1738 (McCarty D) Building standards: dark graywater.**

**Current Text:** Amended: 3/28/2016 [pdf](#) [html](#)

**Introduced:** 2/1/2016

**Last Amend:** 3/28/2016

**Status:** 7/1/2016-Failed Deadline pursuant to Joint Rule 61(b)(13). (Last location was E.Q. on 6/22/2016)

**Location:** 7/1/2016-S. DEAD

**Summary:** Would define "dark graywater" as a specified wastewater that comes from kitchen sinks and dishwashers. This bill would require the Department of Housing and Community Development, at the next triennial building standards cycle, to adopt and submit for approval building standards for the construction, installation, and alteration of dark graywater systems for indoor and outdoor uses. This bill contains other existing laws.

**AB 1749 (Mathis R) California Environmental Quality Act: City of Porterville.**

**Current Text:** Amended: 8/8/2016 [pdf](#) [html](#)

**Introduced:** 2/2/2016

**Last Amend:** 8/8/2016

**Status:** 8/31/2016-Failed Deadline pursuant to Joint Rule 61(b)(17). (Last location was INACTIVE FILE on 8/17/2016)

**Location:** 8/31/2016-S. DEAD

**Summary:** Would require the lead agency, in certifying the environmental impact report and in granting approvals for a certain water treatment project determined by the City of Porterville based on a certain feasibility study, as specified, to comply with specified procedures, including the concurrent preparation of the record of proceedings and the certification of the record of proceedings within 5 days of the filing of a specified notice. This bill contains other related provisions.

**AB 1755 (Dodd D) The Open and Transparent Water Data Act.**

**Current Text:** Chaptered: 9/23/2016 [pdf](#) [html](#)

**Introduced:** 2/2/2016

**Last Amend:** 8/1/2016

**Status:** 9/23/2016-Chaptered by Secretary of State - Chapter 506, Statutes of 2016.

**Location:** 9/23/2016-A. CHAPTERED

**Summary:** Would enact the Open and Transparent Water Data Act. The act would require the Department of Water Resources, in consultation with the California Water Quality Monitoring Council, the State Water Resources Control Board, and the Department of Fish and Wildlife, in accordance with a specified schedule, to create, operate, and maintain a statewide integrated water data platform that, among other things, would integrate existing water and ecological data information from multiple databases and provide data on completed water transfers and exchanges. This bill contains other existing laws.

**AB 1794 (Garcia, Cristina D) Central Basin Municipal Water District.**

**Current Text:** Chaptered: 9/21/2016 [pdf](#) [html](#)

**Introduced:** 2/4/2016

**Last Amend:** 8/15/2016

**Status:** 9/21/2016-Chaptered by Secretary of State - Chapter 401, Statutes of 2016.

**Location:** 9/21/2016-A. CHAPTERED

**Summary:** Would require the board of directors of the Central Basin Municipal Water District to be composed of 8 directors until the directors elected at the November 8, 2022, election take office, when the board would be composed of 7 directors, as prescribed. By imposing new duties on the district, this bill would create a state-mandated local program. This bill contains other related provisions and other existing laws.

**AB 1842 (Levine D) Water: pollution: fines.**

**Current Text:** Chaptered: 9/14/2016 [pdf](#) [html](#)

**Introduced:** 2/9/2016

**Last Amend:** 8/2/2016

**Status:** 9/14/2016-Chaptered by Secretary of State - Chapter 349, Statutes of 2016.

**Location:** 9/14/2016-A. CHAPTERED

**Summary:** Current law imposes a maximum civil penalty of \$25,000 on a person who discharges various pollutants or other designated materials into the waters of the state. This bill would impose an additional civil penalty of not more than \$10 for each gallon or pound of material discharged. The bill would require that the civil penalty be reduced for every gallon or pound of the illegally discharged material that is recovered and properly disposed of by the responsible party. This bill contains other related provisions and other current laws.

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

**Current Text:** Introduced: 2/10/2016 [pdf](#) [html](#)

**Introduced:** 2/10/2016

**Status:** 8/31/2016-Failed Deadline pursuant to Joint Rule 61(b)(17). (Last location was TRANS. on 4/12/2016)

**Location:** 8/31/2016-A. DEAD

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

**AB 1871 (Waldron R) Coastal resources: development: water supply projects.**

**Current Text:** Amended: 3/18/2016 [pdf](#) [html](#)

**Introduced:** 2/10/2016

**Last Amend:** 3/18/2016

**Status:** 4/22/2016-Failed Deadline pursuant to Joint Rule 61(b)(5). (Last location was A. NAT. RES. on 3/28/2016)

**Location:** 4/22/2016-A. DEAD

**Summary:** Current law, the California Coastal Act of 1976, requires any person wishing to perform or undertake any development in the coastal zone, as defined, in addition to obtaining any other permit required by law from any local government or from any state, regional, or local agency, to obtain a coastal development permit from the local government or California Coastal Commission, as specified. This bill would limit the growth-inducing impacts the commission may consider in its review of a coastal development permit for a water supply project.

**AB 1925** **(Chang R) Desalination: statewide goal.**

**Current Text:** Amended: 4/18/2016 [pdf](#) [html](#)

**Introduced:** 2/12/2016

**Last Amend:** 4/18/2016

**Status:** 6/3/2016-Failed Deadline pursuant to Joint Rule 61(b)(11). (Last location was APPR. on 4/19/2016)

**Location:** 6/3/2016-A. DEAD

**Summary:** The Cobey-Porter Saline Water Conversion Law, states the policy of this state that desalination projects developed by or for public water entities be given the same opportunities for state assistance and funding as other water supply and reliability projects, and that desalination be consistent with all applicable environmental protection policies in the state. This bill would require the Department of Water Resources to establish a goal of a specific number of acre-feet of drinking water to be desalinated per year by the year 2025 and of a greater specific number of acre-feet of drinking water to be desalinated per year by the year 2030, as part of a comprehensive water plan that fully evaluates other, specified options.

**AB 1979** **(Bigelow R) Renewable feed-in tariff: hydroelectric facilities.**

**Current Text:** Chaptered: 9/26/2016 [pdf](#) [html](#)

**Introduced:** 2/16/2016

**Last Amend:** 8/19/2016

**Status:** 9/26/2016-Chaptered by Secretary of State - Chapter 665, Statutes of 2016.

**Location:** 9/26/2016-A. CHAPTERED

**Summary:** Would authorize a conduit hydroelectric facility with an effective capacity of up to 4 megawatts to participate in the renewable feed-in tariff if the facility delivers no more than 3 megawatts to the grid at any time, was operational on January 1, 1990, and complies with specified interconnection and payment requirements.

**AB 1989** **(Jones R) Water, energy, and reduction of greenhouse gas emissions.**

**Current Text:** Amended: 3/30/2016 [pdf](#) [html](#)

**Introduced:** 2/16/2016

**Last Amend:** 3/30/2016

**Status:** 5/27/2016-Failed Deadline pursuant to Joint Rule 61(b)(8). (Last location was APPR. SUSPENSE FILE on 5/11/2016)

**Location:** 5/27/2016-A. DEAD

**Summary:** Would require the State Water Resources Control Board, in coordination with the State Energy Resources Conservation and Development Commission, the Public Utilities Commission, and the Department of Water Resources, to develop and implement a grant and low-interest loan program for water projects that result in the net reduction of water-related greenhouse gas emissions.

**AB 2040** **(Melendez R) Outdoor Water Efficiency Act of 2016: personal income tax credits: outdoor water efficiency.**

**Current Text:** Amended: 5/16/2016 [pdf](#) [html](#)

**Introduced:** 2/17/2016

**Last Amend:** 5/16/2016

**Status:** 8/31/2016-Failed Deadline pursuant to Joint Rule 61(b)(17). (Last location was APPR. SUSPENSE FILE on 5/25/2016)

**Location:** 8/31/2016-A. DEAD

**Summary:** The Personal Income Tax Law allows various credits against the taxes imposed by that law. This bill, for taxable years beginning on or after January 1, 2016, and before January 1, 2019, would allow a credit equal to 25% of the amount paid or incurred by a qualified taxpayer for water-efficiency improvements, as defined, on qualified real property in this state, as specified. The bill would limit the cumulative amount of the credit to \$2,500 for each qualified real property for all taxable years.

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

**Current Text:** Introduced: 2/17/2016 [pdf](#) [html](#)

**Introduced:** 2/17/2016

**Status:** 5/6/2016-Failed Deadline pursuant to Joint Rule 61(b)(6). (Last location was PRINT on 2/17/2016)

**Location:** 5/6/2016-A. DEAD

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

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

**Current Text:** Introduced: 2/17/2016 [pdf](#) [html](#)

**Introduced:** 2/17/2016

**Status:** 5/6/2016-Failed Deadline pursuant to Joint Rule 61(b)(6). (Last location was PRINT on 2/17/2016)

**Location:** 5/6/2016-A. DEAD

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

**AB 2099** **(Stone, Mark D) Safe drinking water benefit.**

**Current Text:** Amended: 6/16/2016 [pdf](#) [html](#)

**Introduced:** 2/17/2016

**Last Amend:** 6/16/2016

**Status:** 8/12/2016-Failed Deadline pursuant to Joint Rule 61(b)(14). (Last location was APPR. on 6/16/2016)

**Location:** 8/12/2016-S. DEAD

**Summary:** Would require the State Department of Social Services to, on or before February 1, 2017, convene a workgroup to develop recommendations for delivering a water benefit to supplement the purchase of drinking water for low-income households with inadequate access to safe drinking water, as specified. The bill would also make relating findings and declarations.

**AB 2112** **(Dahle R) Safe Drinking Water Act.**

**Current Text:** Introduced: 2/17/2016 [pdf](#) [html](#)

**Introduced:** 2/17/2016

**Status:** 5/6/2016-Failed Deadline pursuant to Joint Rule 61(b)(6). (Last location was PRINT on 2/17/2016)

**Location:** 5/6/2016-A. DEAD

**Summary:** Current law provides that the State Water Resources Control Board succeeds to and is vested with all of the authority, duties, powers, purposes, functions, responsibilities, and jurisdiction of the State Department of Public Health, its predecessors, and its director for purposes of specified provisions relating to drinking water. This bill would make nonsubstantive changes to the provisions vesting the State Water Resources Control Board with specified authorities, including deleting an obsolete subdivision.

**AB 2241** **(Dahle R) State policy for water quality control.**

**Current Text:** Introduced: 2/18/2016 [pdf](#) [html](#)

**Introduced:** 2/18/2016

**Status:** 5/6/2016-Failed Deadline pursuant to Joint Rule 61(b)(6). (Last location was PRINT on 2/18/2016)

**Location:** 5/6/2016-A. DEAD

**Summary:** Under current law, the Porter-Cologne Water Quality Control Act, the state policy for water quality control is required to consist of water quality principles and guidelines for long-range resource planning, water quality objectives, and other principles and guidelines deemed essential by the State Water Resources Control Board for water quality control. This bill would make technical, nonsubstantive changes to that provision.

**AB 2304** **(Levine D) California Water Market Clearinghouse.**

**Current Text:** Amended: 5/11/2016 [pdf](#) [html](#)

**Introduced:** 2/18/2016

**Last Amend:** 5/11/2016

**Status:** 5/27/2016-Failed Deadline pursuant to Joint Rule 61(b)(8). (Last location was APPR. on 5/12/2016)

**Location:** 5/27/2016-A. DEAD

**Summary:** Would require the clearinghouse, on or before December 31, 2018, to create a centralized water market platform on its Internet Web site that provides ready access to information that has been provided about water available for transfer or exchange and information about the process for transferring or exchanging water. The bill would require the Secretary of the Natural Resources Agency to convene a Water Market Clearinghouse Task Force, composed as prescribed, and would require the task force to make recommendations to the clearinghouse, as specified.

- [AB 2335](#) (Gaines, Beth R) Suction dredge mining: permits: report.**  
**Current Text:** Amended: 3/17/2016 [pdf](#) [html](#)  
**Introduced:** 2/18/2016  
**Last Amend:** 3/17/2016  
**Status:** 4/22/2016-Failed Deadline pursuant to Joint Rule 61(b)(5). (Last location was A. W.,P. & W. on 3/28/2016)  
**Location:** 4/22/2016-A. DEAD  
**Summary:** Current law authorizes the State Water Resources Control Board or a California regional water quality control board to adopt waste discharge requirements or a waiver of waste discharge requirements that address certain water quality impacts, specify conditions or areas where the discharge of waste or other adverse impacts on beneficial uses of the waters of the state from the use of vacuum or suction dredge equipment is prohibited, or prohibit particular use of, or methods of using, vacuum or suction dredge equipment. This bill would require the state board and the department to report to the Legislature, on or before June 1, 2017, on the status of the suction dredge permitting program.
- [AB 2438](#) (Waldron R) California Environmental Quality Act: exemption: recycled water pipelines.**  
**Current Text:** Introduced: 2/19/2016 [pdf](#) [html](#)  
**Introduced:** 2/19/2016  
**Status:** 7/1/2016-Failed Deadline pursuant to Joint Rule 61(b)(13). (Last location was E.Q. on 6/29/2016)  
**Location:** 7/1/2016-S. DEAD  
**Summary:** Would, until January 1, 2020, additionally exempt from CEQA a project for the construction and installation of a new pipeline or the maintenance, repair, restoration, reconditioning, relocation, replacement, removal, or demolition of an existing pipeline, not exceeding 8 miles in length, for the distribution of recycled water within a public street, highway, or right-of-way and would require the lead agency to undertake specified activities, including the filing of a notice of exemption for the project with the Office of Planning and Research and the office of the county clerk of each county in which the project is located.
- [AB 2470](#) (Gonzalez D) Municipal water districts: water service: Indian tribes.**  
**Current Text:** Chaptered: 9/12/2016 [pdf](#) [html](#)  
**Introduced:** 2/19/2016  
**Last Amend:** 4/26/2016  
**Status:** 9/12/2016-Chaptered by Secretary of State - Chapter 301, Statutes of 2016.  
**Location:** 9/12/2016-A. CHAPTERED  
**Summary:** Current law authorizes a district to sell water under its control, without preference, to cities, other public corporations and agencies, and persons, within the district for use within the district. Current law authorizes a district to sell or otherwise dispose of water above that required by consumers within the district to any persons, public corporations or agencies, or other consumers. This bill, upon the request of an Indian tribe and the satisfaction of certain conditions, would require a district to provide service of water at substantially the same terms applicable to the customers of the district to an Indian tribe's lands that are not within a district, as prescribed, if the Indian tribe's lands meet certain requirements and the Indian tribe satisfies prescribed conditions.
- [AB 2480](#) (Bloom D) Source watersheds: financing.**  
**Current Text:** Chaptered: 9/27/2016 [pdf](#) [html](#)  
**Introduced:** 2/19/2016  
**Last Amend:** 8/15/2016  
**Status:** 9/27/2016-Chaptered by Secretary of State - Chapter 695, Statutes of 2016.  
**Location:** 9/27/2016-A. CHAPTERED  
**Summary:** Would declare it to be state policy that source watersheds are recognized and defined as integral components of California's water infrastructure. The bill would state the particular importance to maintaining the reliability, quantity, timing, and quality of California's environmental, drinking, and agricultural water supply as climate change advances of source watersheds that supply the majority of the state's drinking and irrigated agricultural water.
- [AB 2515](#) (Weber D) Water Conservation in Landscaping Act: model water-efficient landscaping ordinance.**  
**Current Text:** Chaptered: 9/24/2016 [pdf](#) [html](#)  
**Introduced:** 2/19/2016  
**Last Amend:** 5/27/2016  
**Status:** 9/24/2016-Chaptered by Secretary of State - Chapter 576, Statutes of 2016.  
**Location:** 9/24/2016-A. CHAPTERED  
**Summary:** Would require the Department of Water Resources, on or before January 1, 2020, and every three years thereafter, to either update the model water-efficient landscaping ordinance or make a finding that an update to the model water-efficient landscaping ordinance at that time is not a useful



or effective means to improve either the efficiency of landscape water use or the administration of the ordinance.

**[AB 2525](#) (Holden D) Water-efficient landscaping.**

**Current Text:** Amended: 4/18/2016 [pdf](#) [html](#)

**Introduced:** 2/19/2016

**Last Amend:** 4/18/2016

**Status:** 5/27/2016-Failed Deadline pursuant to Joint Rule 61(b)(8). (Last location was APPR. SUSPENSE FILE on 5/11/2016)

**Location:** 5/27/2016-A. DEAD

**Summary:** Would require the Department of Water Resources, upon identification of a funding source, to create the California Water Efficient Landscaping Program for the purpose of encouraging local agencies and water purveyors to use economic incentives that promote the efficient use of water, promote the benefits of consistent landscape ordinances, and support and enhance water inefficient grass replacement. This bill would create the Water Efficient Landscaping Fund and provide that moneys in the fund are available, upon appropriation by the Legislature, to the department for certain purposes.

**[AB 2583](#) (Frazier D) Sacramento-San Joaquin Delta Reform Act of 2009.**

**Current Text:** Amended: 3/17/2016 [pdf](#) [html](#)

**Introduced:** 2/19/2016

**Last Amend:** 3/17/2016

**Status:** 4/22/2016-Failed Deadline pursuant to Joint Rule 61(b)(5). (Last location was A. W.,P. & W. on 3/28/2016)

**Location:** 4/22/2016-A. DEAD

**Summary:** Would add a definition of the California Water Fix to the Sacramento-San Joaquin Delta Reform Act of 2009. This bill would eliminate certain provisions applicable to the BDCP and would revise other provisions to instead refer to a new Delta water conveyance project for the purpose of exporting water. This bill would require new Delta water conveyance infrastructure to be considered as interdependent parts of a system and to be operated in a way that maximizes benefits for each of the coequal goals. This bill contains other related provisions and other existing laws.

**[AB 2601](#) (Eggman D) Building standards: residential property: graywater.**

**Current Text:** Introduced: 2/19/2016 [pdf](#) [html](#)

**Introduced:** 2/19/2016

**Status:** 4/22/2016-Failed Deadline pursuant to Joint Rule 61(b)(5). (Last location was A. H. & C.D. on 3/10/2016)

**Location:** 4/22/2016-A. DEAD

**Summary:** Would require the Department of Housing and Community Development, on or after January 1, 2017, to adopt and submit to the California Building Standards Commission for approval amendments to the building standards adopted pursuant to specified provisions that require that all new single-family and duplex residential dwelling units include specified components to allow the separate discharge of graywater for direct irrigation and that all new single-family residential dwelling units include a segregated building drain for lavatories, showers, and bathtubs to allow for future installation of a distributed graywater system.

**[AB 2639](#) (Garcia, Eduardo D) Water quality: Porter-Cologne Water Quality Control Act.**

**Current Text:** Introduced: 2/19/2016 [pdf](#) [html](#)

**Introduced:** 2/19/2016

**Status:** 5/6/2016-Failed Deadline pursuant to Joint Rule 61(b)(6). (Last location was PRINT on 2/19/2016)

**Location:** 5/6/2016-A. DEAD

**Summary:** Under current law, the State Water Resources Control Board and the California regional water quality control boards prescribe waste discharge requirements in accordance with the federal Clean Water Act and the Porter-Cologne Water Quality Control Act (state act). The state act defines various terms for its purposes. This bill would make nonsubstantive changes to these definitions.

**[AB 2657](#) (Chu D) Water Quality, Supply, and Infrastructure Improvement Act of 2014.**

**Current Text:** Introduced: 2/19/2016 [pdf](#) [html](#)

**Introduced:** 2/19/2016

**Status:** 5/6/2016-Failed Deadline pursuant to Joint Rule 61(b)(6). (Last location was PRINT on 2/19/2016)

**Location:** 5/6/2016-A. DEAD

**Summary:** The Water Quality, Supply, and Infrastructure Improvement Act of 2014 provides that the sum of \$810,000,000 is to be available, upon appropriation by the Legislature, for expenditures on, and competitive grants and loans to, projects that are included in and implemented in an adopted integrated regional water management plan and respond to climate change and contribute to regional

water security. This bill would make a nonsubstantive change in these provisions.

**AB 2853 (Gatto D) Public records.**

**Current Text:** Chaptered: 9/9/2016 [pdf](#) [html](#)

**Introduced:** 2/19/2016

**Last Amend:** 6/16/2016

**Status:** 9/9/2016-Chaptered by Secretary of State - Chapter 275, Statutes of 2016.

**Location:** 9/9/2016-A. CHAPTERED

**Summary:** Would authorize a public agency that posts a public record on its Internet Web site to refer a member of the public that requests to inspect the public record to the public agency's Internet Web site where the public record is posted. This bill would require, if a member of the public requests a copy of the public record due to an inability to access or reproduce the public record from the Internet Web site where the public record is posted, the public agency to promptly provide a copy of the public record to the member of the public, as specified.

**AB 2909 (Levine D) Water: transfer or exchange: expedited review.**

**Current Text:** Amended: 8/1/2016 [pdf](#) [html](#)

**Introduced:** 3/9/2016

**Last Amend:** 8/1/2016

**Status:** 8/12/2016-Failed Deadline pursuant to Joint Rule 61(b)(14). (Last location was APPR. on 8/11/2016)

**Location:** 8/12/2016-S. DEAD

**Summary:** The State Water Resources Control Board administers a water rights program pursuant to which the board grants permits and licenses to appropriate water. Current law provides procedures for a permittee or licensee to temporarily change the point of diversion, place of use, or purpose of use due to a transfer or exchange of water or water rights, as specified. These temporary transfers are defined as transfers of one year or less. This bill would require the board to develop and implement an expedited 30-day review process for approval of petitions under those provisions to temporarily change the point of diversion, place of use, or purpose of use due to a transfer or exchange of water or water rights if the transfer is for a reoccurring water transfer, as defined, or an environmentally beneficial transfer, as defined.

**ABX2 14 (Gatto D) Food labeling: wastewater from oil and gas field activities.**

**Current Text:** Introduced: 8/17/2015 [pdf](#) [html](#)

**Introduced:** 8/17/2015

**Status:** 3/15/2016-Died at Desk.

**Location:** 3/15/2016-A. DEAD

**Summary:** Would, with a specified exemption, require a manufacturer who produces packaged food that contains a plant irrigated with wastewater from oil and gas field activities that contains well stimulation treatment additives and fluids or a retail facility that sells a raw agricultural commodity that was irrigated with wastewater from oil and gas field activities that contains well stimulation treatment additives and fluids to label those products in a specified manner. This bill contains other related provisions and other existing laws.

**ACA 8 (Bloom D) Local government financing: water facilities and infrastructure: voter approval.**

**Current Text:** Introduced: 2/18/2016 [pdf](#) [html](#)

**Introduced:** 2/18/2016

**Status:** 8/31/2016-Failed Deadline pursuant to Joint Rule 61(b)(17). (Last location was L. GOV. on 6/23/2016)

**Location:** 8/31/2016-A. DEAD

**Summary:** Would create an additional exception to the 1% limit for a rate imposed by a city, county, city and county, or special district to service bonded indebtedness incurred to fund the construction, reconstruction, rehabilitation, or replacement of wastewater treatment facilities and related infrastructure, potable water producing facilities and related infrastructure, nonpotable water producing facilities and related infrastructure, and stormwater treatment facilities and related infrastructure, that is approved by 55% of the voters of the city, county, city and county, or special district, as applicable, if the proposition meets specified requirements, and would authorize a city, county, city and county, or special district to levy a 55% vote ad valorem tax. This bill contains other related provisions and other existing laws.

**SB 1 (Gaines R) California Global Warming Solutions Act of 2006: market-based compliance mechanisms: exemption.**

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

**Introduced:** 12/1/2014

**Status:** 2/1/2016-Returned to Secretary of Senate pursuant to Joint Rule 56.

**Location:** 2/1/2016-S. DEAD

**Summary:** The California Global Warming Solutions Act of 2006 authorizes the State Air Resources

Board to include the use of market-based compliance mechanisms. Current state board regulations require specified entities to comply with a market-based compliance mechanism beginning January 1, 2013, and require additional specified entities to comply with that market-based compliance mechanism beginning January 1, 2015. This bill instead would exempt categories of persons or entities that did not have a compliance obligation, as defined, under a market-based compliance mechanism beginning January 1, 2013, from being subject to that market-based compliance mechanism.

**SB 5 (Vidak R) California Global Warming Solutions Act of 2006: market-based compliance mechanisms: exemption.**

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

**Introduced:** 12/1/2014

**Status:** 2/1/2016-Returned to Secretary of Senate pursuant to Joint Rule 56.

**Location:** 2/1/2016-S. DEAD

**Summary:** Under the California Global Warming Solutions Act of 2006, current State Air Resources Board regulations require specified entities to comply with a market-based compliance mechanism beginning January 1, 2013, and require additional specified entities to comply with that market-based compliance mechanism beginning January 1, 2015. This bill instead would exempt categories of persons or entities that did not have a compliance obligation, as defined, under a market-based compliance mechanism beginning January 1, 2013, from being subject to that market-based compliance mechanism through December 31, 2020.

**SB 7 (Wolk D) Housing: water meters: multiunit structures.**

**Current Text:** Chaptered: 9/25/2016 [pdf](#) [html](#)

**Introduced:** 12/1/2014

**Last Amend:** 8/19/2016

**Status:** 9/25/2016-Chaptered by Secretary of State - Chapter 623, Statutes of 2016.

**Location:** 9/25/2016-S. CHAPTERED

**Summary:** Would express the intent of the Legislature to encourage the conservation of water in multifamily residential rental buildings through means either within the landlord's or the tenant's control, and to establish that the practices involving the submetering of dwelling units for water service are just and reasonable, and include appropriate safeguards for both tenants and landlords. This bill contains other related provisions and other existing laws.

**SB 13 (Pavley D) Groundwater.**

**Current Text:** Chaptered: 9/3/2015 [pdf](#) [html](#)

**Introduced:** 12/1/2014

**Last Amend:** 7/6/2015

**Status:** 9/3/2015-Chaptered by Secretary of State - Chapter 255, Statutes of 2015.

**Location:** 9/3/2015-S. CHAPTERED

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

**SB 32 (Pavley D) California Global Warming Solutions Act of 2006: emissions limit.**

**Current Text:** Chaptered: 9/8/2016 [pdf](#) [html](#)

**Introduced:** 12/1/2014

**Last Amend:** 8/19/2016

**Status:** 9/8/2016-Chaptered by Secretary of State - Chapter 249, Statutes of 2016.

**Location:** 9/8/2016-S. CHAPTERED

**Summary:** Would require the State Air Resources Board to ensure that statewide greenhouse gas emissions are reduced to 40% below the 1990 level by 2030. This bill contains other related provisions.

**SB 88 (Committee on Budget and Fiscal Review) Water.**

**Current Text:** Chaptered: 6/24/2015 [pdf](#) [html](#)

**Introduced:** 1/9/2015

**Last Amend:** 6/17/2015

**Status:** 6/24/2015-Chaptered by Secretary of State - Chapter 27, Statutes of 2015

**Location:** 6/24/2015-S. CHAPTERED

**Summary:** Would authorize the State Water Resources Control Board to order consolidation with a receiving water system where a public water system, or a state small water system within a disadvantaged community, consistently fails to provide an adequate supply of safe drinking water. This bill would authorize the state board to order the extension of service to an area that does not have access to an adequate supply of safe drinking water so long as the extension of service is an interim



extension of service in preparation for consolidation.

**SB 113 (Galgiani D) Disaster Preparedness and Flood Prevention Bond Act of 2006.**

**Current Text:** Amended: 7/2/2015 [pdf](#) [html](#)

**Introduced:** 1/13/2015

**Last Amend:** 7/2/2015

**Status:** 2/1/2016-Returned to Secretary of Senate pursuant to Joint Rule 56.

**Location:** 2/1/2016-S. DEAD

**Summary:** Would make available, of the moneys appropriated to the Department of Water Resources by the Budget Act of 2015, \$110,000,000 for the upgrade of the levee system of Reclamation District No. 17 to provide urban level of flood protection. This bill contains other related provisions.

**SB 127 (Vidak R) Water and Wastewater Loan and Grant Program.**

**Current Text:** Amended: 1/4/2016 [pdf](#) [html](#)

**Introduced:** 1/20/2015

**Last Amend:** 1/4/2016

**Status:** 2/1/2016-Returned to Secretary of Senate pursuant to Joint Rule 56.

**Location:** 2/1/2016-S. DEAD

**Summary:** Would require the State Water Resources Control Board to establish a program to provide low-interest loans and grants to local agencies for low-interest loans and grants to eligible applicants for specified purposes relating to drinking water and wastewater treatment. This bill would create the Water and Wastewater Loan and Grant Fund and provide that the moneys in this fund are available, upon appropriation by the Legislature, to the board for expenditure for the program.

**SB 143 (Stone R) Diamond Valley Reservoir: recreational use.**

**Current Text:** Introduced: 1/27/2015 [pdf](#) [html](#)

**Introduced:** 1/27/2015

**Status:** 1/22/2016-Failed Deadline pursuant to Rule 61(b)(2). (Last location was 2 YEAR on 5/15/2015)

**Location:** 1/22/2016-S. DEAD

**Summary:** Current law, with certain exceptions, prohibits recreational use, in which there is bodily contact with water, in a reservoir in which water is stored for domestic use and establishes water standards for those exempted reservoirs. This bill would exempt from this prohibition recreational activity in which there is bodily contact with water by any participant in the Diamond Valley Reservoir if certain standards are met. This bill contains other related provisions.

**SB 154 (Huff R) California Environmental Quality Act.**

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

**Introduced:** 2/2/2015

**Status:** 1/22/2016-Failed Deadline pursuant to Rule 61(b)(2). (Last location was 2 YEAR on 5/15/2015)

**Location:** 1/22/2016-S. DEAD

**Summary:** The California Environmental Quality Act (CEQA) requires a lead agency, as defined, to prepare, or cause to be prepared by contract, and certify the completion of, an environmental impact report, as defined, on a project that may have a significant effect on the environment, or to adopt a negative declaration if it finds that the project will not have that effect. This bill would make technical, nonsubstantive changes to the definition of "environmental impact report."

**SB 166 (Gaines R) California Environmental Quality Act.**

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

**Introduced:** 2/5/2015

**Status:** 1/22/2016-Failed Deadline pursuant to Rule 61(b)(2). (Last location was 2 YEAR on 5/15/2015)

**Location:** 1/22/2016-S. DEAD

**Summary:** The California Environmental Quality Act (CEQA) requires a lead agency to prepare a mitigated negative declaration for a project that may have a significant effect on the environment if revisions in the project would avoid or mitigate that effect and there is no substantial evidence that the project, as revised, would have a significant effect on the environment. This bill would make technical, nonsubstantive changes to those provisions. This bill contains other existing laws.

**SB 173 (Nielsen R) Groundwater: de minimis extractors.**

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

**Introduced:** 2/5/2015

**Status:** 1/15/2016-Failed Deadline pursuant to Rule 61(b)(1). (Last location was 2 YEAR on 5/1/2015)

**Location:** 1/15/2016-S. DEAD

**Summary:** Current law generally excepts a de minimis extractor from the requirement that a person who extracts groundwater from a probationary basin, as prescribed, or extracts groundwater on or after July 1, 2017, in an area within a basin that is not within the management area of a groundwater sustainability agency and where the county does not assume responsibility to be the groundwater

sustainability agency has to file a report of groundwater extraction by December 15 of each year for extractions made in the preceding water year with the State Water Resources Control Board. This bill would define a de minimis extractor for the purposes of these provisions as a person who extracts, for domestic purposes, 10 acre-feet or less per year.

**SB 208 (Lara D) Integrated regional water management plans: grants: advanced payment.**

**Current Text:** Chaptered: 10/9/2015 [pdf](#) [html](#)

**Introduced:** 2/11/2015

**Last Amend:** 6/1/2015

**Status:** 10/9/2015-Chaptered by Secretary of State - Chapter 675, Statutes of 2015.

**Location:** 10/9/2015-S. CHAPTERED

**Summary:** Would require a regional water management group, within 90 days of notice that a grant has been awarded, to provide the Department of Water Resources with a list of projects to be funded by the grant funds where the project proponent is a nonprofit organization, as defined, or a disadvantaged community, as defined, or the project benefits a disadvantaged community. This bill would require the department, within 60 days of receiving the project information, to provide advanced payment of 50% of the grant award for those projects that satisfy specified criteria and would require the advanced funds to be handled, as prescribed.

**SB 226 (Pavley D) Sustainable Groundwater Management Act: groundwater adjudication.**

**Current Text:** Chaptered: 10/9/2015 [pdf](#) [html](#)

**Introduced:** 2/13/2015

**Last Amend:** 9/3/2015

**Status:** 10/9/2015-Chaptered by Secretary of State - Chapter 676, Statutes of 2015.

**Location:** 10/9/2015-S. CHAPTERED

**Summary:** Current law authorizes a court to order a reference to the State Water Resources Control Board, as referee, of any and all issues involved in a suit brought in any court of competent jurisdiction in this state for determination of rights to water. This bill would authorize the state to intervene in a comprehensive adjudication conducted as specified in AB 1390 of the 2015- 16 Regular Session. This bill contains other related provisions and other existing laws.

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

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

**Introduced:** 2/13/2015

**Status:** 1/15/2016-Failed Deadline pursuant to Rule 61(b)(1). (Last location was 2 YEAR on 5/1/2015)

**Location:** 1/15/2016-S. DEAD

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

**SB 258 (Bates R) Local government.**

**Current Text:** Introduced: 2/18/2015 [pdf](#) [html](#)

**Introduced:** 2/18/2015

**Status:** 1/22/2016-Failed Deadline pursuant to Rule 61(b)(2). (Last location was 2 YEAR on 5/15/2015)

**Location:** 1/22/2016-S. DEAD

**Summary:** Would state the intent of the Legislature to enact legislation that would protect the right of the public to participate in open deliberations of the legislative bodies of local agencies by clarifying the appropriate use of special meetings.

**SB 272 (Hertzberg D) The California Public Records Act: local agencies: inventory.**

**Current Text:** Chaptered: 10/11/2015 [pdf](#) [html](#)

**Introduced:** 2/19/2015

**Last Amend:** 9/2/2015

**Status:** 10/11/2015-Chaptered by Secretary of State - Chapter 795, Statutes of 2015.

**Location:** 10/11/2015-S. CHAPTERED

**Summary:** Would require each local agency, except a local educational agency, in implementing the California Public Records Act, to create a catalog of enterprise systems, as defined, to make the catalog publicly available upon request in the office of the person or officer designated by the agency's legislative body, and to post the catalog on the local agency's Internet Web site.

**SB 317 (De León D) The Safe Neighborhood Parks, Rivers, and Coastal Protection Bond Act of 2016.**

**Current Text:** Amended: 5/5/2015 [pdf](#) [html](#)

**Introduced:** 2/23/2015

**Last Amend:** 5/5/2015

**Status:** 2/1/2016-Died on file pursuant to Joint Rule 56.

**Location:** 2/1/2016-S. DEAD

**Summary:** Would enact the Safe Neighborhood Parks, Rivers, and Coastal Protection Bond Act of 2016, which, if adopted by the voters at the November 8, 2016, statewide general election, would authorize the issuance of bonds in the total amount of \$2,450,000,000 pursuant to the State General Obligation Bond Law to finance a safe neighborhood parks, rivers, and coastal protection program. This bill contains other related provisions.

**SB 334** **(Leyva D) Pupil health: drinking water.**

**Current Text:** Vetoed: 10/9/2015 [pdf](#) [html](#)

**Introduced:** 2/23/2015

**Last Amend:** 9/3/2015

**Status:** 10/9/2015-Vetoed by the Governor

**Location:** 10/9/2015-S. VETOED

**Summary:** Would specify that a school district shall provide access to free, fresh, and clean drinking water during meal times through the use of drinking water access points, as defined. By imposing additional duties on school districts, this bill would impose a state-mandated local program. This bill contains other related provisions and other existing laws.

**SB 350** **(De León D) Clean Energy and Pollution Reduction Act of 2015.**

**Current Text:** Chaptered: 10/7/2015 [pdf](#) [html](#)

**Introduced:** 2/24/2015

**Last Amend:** 9/11/2015

**Status:** 10/7/2015-Chaptered by Secretary of State - Chapter 547, Statutes of 2015.

**Location:** 10/7/2015-S. CHAPTERED

**Summary:** Current law establishes the California Renewables Portfolio Standards (RPS) Program, which is codified in the Public Utilities Act, with the target to increase the amount of electricity generated per year from eligible renewable energy resources to an amount that equals at least 33% of the total electricity sold to retail customers per year by December 31, 2020. This bill would require that the amount of electricity generated and sold to retail customers per year from eligible renewable energy resources be increased to 50% by December 31, 2030, as provided.

**SB 355** **(Lara D) San Gabriel and Lower Los Angeles Rivers and Mountains Conservancy.**

**Current Text:** Chaptered: 10/9/2015 [pdf](#) [html](#)

**Introduced:** 2/24/2015

**Last Amend:** 6/25/2015

**Status:** 10/9/2015-Chaptered by Secretary of State - Chapter 677, Statutes of 2015.

**Location:** 10/9/2015-S. CHAPTERED

**Summary:** Current law establishes the San Gabriel and Lower Los Angeles Rivers and Mountains Conservancy, which is responsible for the preservation and protection of specified lands within the San Gabriel and Lower Los Angeles Rivers and Mountains area, as defined. This bill would increase to 15 the number of voting members of the governing board, by adding 2 members who are residents of a city not otherwise represented on the governing board at the time of the member's appointment, one bordering the Lower Los Angeles River and the other bordering the San Gabriel River, as prescribed.

**SB 385** **(Hueso D) Primary drinking water standards: hexavalent chromium: compliance plan.**

**Current Text:** Chaptered: 9/4/2015 [pdf](#) [html](#)

**Introduced:** 2/24/2015

**Last Amend:** 6/18/2015

**Status:** 9/4/2015-Chaptered by Secretary of State. Chapter 272, Statutes of 2015.

**Location:** 9/4/2015-S. CHAPTERED

**Summary:** Would authorize, until January 1, 2020, the State Water Resources Control Board, at the request of a public water system that prepares and submits a compliance plan to the state board, to grant a period of time to achieve compliance with the primary drinking water standard for hexavalent chromium by approving the compliance plan, as prescribed. This bill contains other related provisions and other existing laws.

**SB 442** **(Hall D) Municipal water districts: revenue bonds.**

**Current Text:** Introduced: 2/25/2015 [pdf](#) [html](#)

**Introduced:** 2/25/2015

**Status:** 1/22/2016-Failed Deadline pursuant to Rule 61(b)(2). (Last location was 2 YEAR on 5/15/2015)

**Location:** 1/22/2016-S. DEAD

**Summary:** Current law, the Municipal Water District Law of 1911, provides for the formation of municipal water districts and grants to those districts specified powers, including the authority to issue revenue bonds for any purpose for which general obligation bonds may be issued. This bill would make nonsubstantive changes in those provisions.

- [SB 454](#) (Allen D) Water quality: oil and gas: exempted aquifer.**  
**Current Text:** Amended: 6/2/2015 [pdf](#) [html](#)  
**Introduced:** 2/25/2015  
**Last Amend:** 6/2/2015  
**Status:** 1/31/2016-Failed Deadline pursuant to Rule 61(b)(3). (Last location was 2 YEAR on 7/17/2015)  
**Location:** 1/31/2016-S. DEAD  
**Summary:** Would prohibit the Division of Oil, Gas, and Geothermal Resources from submitting a proposal for an aquifer exemption to the United States Environmental Protection Agency unless the division and the State Water Resources Control Board concur in writing that the aquifer meets specified conditions.
- [SB 471](#) (Pavley D) Water, energy, and reduction of greenhouse gas emissions: planning.**  
**Current Text:** Amended: 8/17/2015 [pdf](#) [html](#)  
**Introduced:** 2/26/2015  
**Last Amend:** 8/17/2015  
**Status:** 8/12/2016-Failed Deadline pursuant to Joint Rule 61(b)(14). (Last location was 2 YEAR on 8/28/2015)  
**Location:** 8/12/2016-A. DEAD  
**Summary:** Would include reduction of greenhouse gas emissions associated with water treatment among the investments that are eligible for funding from the Greenhouse Gas Reduction Fund. The bill would also make legislative findings and declarations, and a statement of legislative intent, with regard to the nexus between water and energy and water and reduction of greenhouse gas emissions. This bill contains other related provisions.
- [SB 485](#) (Hernandez D) County of Los Angeles: sanitation districts.**  
**Current Text:** Chaptered: 10/9/2015 [pdf](#) [html](#)  
**Introduced:** 2/26/2015  
**Last Amend:** 8/27/2015  
**Status:** 10/9/2015-Chaptered by Secretary of State - Chapter 678, Statutes of 2015.  
**Location:** 10/9/2015-S. CHAPTERED  
**Summary:** Would authorize specified sanitation districts in the County of Los Angeles to acquire, construct, operate, maintain, and furnish facilities for the diversion, management, and treatment of stormwater and dry weather runoff, the discharge of the water to the stormwater drainage system, and the beneficial use of the water. This bill contains other related provisions.
- [SB 487](#) (Nielsen R) Sustainable Groundwater Management Act: California Environmental Quality Act: exemptions.**  
**Current Text:** Introduced: 2/26/2015 [pdf](#) [html](#)  
**Introduced:** 2/26/2015  
**Status:** 1/15/2016-Failed Deadline pursuant to Rule 61(b)(1). (Last location was 2 YEAR on 5/1/2015)  
**Location:** 1/15/2016-S. DEAD  
**Summary:** Would exempt from the requirements of CEQA the formation of a groundwater sustainability agency, the amendment of a groundwater sustainability plan or coordinated groundwater sustainability plan, and the implementation of those plans, except to the extent that the implementation requires the construction or installation of a new facility. Because a lead agency would be required to determine the applicability of this exemption, this bill would impose a state-mandated local program. This bill contains other related provisions and other existing laws.
- [SB 551](#) (Wolk D) State water policy: water and energy efficiency.**  
**Current Text:** Amended: 7/6/2015 [pdf](#) [html](#)  
**Introduced:** 2/26/2015  
**Last Amend:** 7/6/2015  
**Status:** 8/12/2016-Failed Deadline pursuant to Joint Rule 61(b)(14). (Last location was 2 YEAR on 8/28/2015)  
**Location:** 8/12/2016-A. DEAD  
**Summary:** Would declare the policy of the state that water use and water treatment shall operate in a manner that is as energy efficient as is feasible and energy use and generation shall operate in a manner that is as water efficient as is feasible. This bill would require all relevant state agencies to consider this state policy when revising, adopting, or establishing policies, regulations, and grant criteria when pertinent to these uses of water and energy. This bill contains other existing laws.
- [SB 552](#) (Wolk D) Public water systems: disadvantaged communities: consolidation or extension of service: administrative and managerial services.**  
**Current Text:** Chaptered: 9/28/2016 [pdf](#) [html](#)  
**Introduced:** 2/26/2015  
**Last Amend:** 8/19/2016

**Status:** 9/28/2016-Chaptered by Secretary of State - Chapter 773, Statutes of 2016.

**Location:** 9/28/2016-S. CHAPTERED

**Summary:** Would authorize the State Water Resources Control Board to order consolidation where a public water system or a state small water system is serving, rather than within, a disadvantaged community, and would limit the authority of the state board to order consolidation or extension of service to provide that authority only with regard to a disadvantaged community. This bill would make a community disadvantaged for these purposes if the community is in a mobilehome park even if it is not in an unincorporated area or served by a mutual water company. This bill contains other related provisions and other existing laws.

**SB 553** (Wolk D) Water conservation.

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

**Introduced:** 2/26/2015

**Status:** 1/22/2016-Failed Deadline pursuant to Rule 61(b)(2). (Last location was 2 YEAR on 5/29/2015)

**Location:** 1/22/2016-S. DEAD

**Summary:** Would require the Department of General Services to identify each public property in the department's state property inventory where it is feasible for water consumption to be reduced and water efficiencies to be achieved through implementation of the relevant recommendations made in the model water efficient landscape ordinance and would require the department to implement the relevant recommendations where feasible, except as specified. This bill contains other existing laws.

**SB 554** (Wolk D) Delta levee maintenance.

**Current Text:** Vetoed: 9/30/2016 [pdf](#) [html](#)

**Introduced:** 2/26/2015

**Last Amend:** 8/17/2016

**Status:** 9/30/2016-Vetoed by the Governor

**Location:** 9/30/2016-S. VETOED

**Summary:** Current law establishes a delta levee maintenance program pursuant to which a local agency may request reimbursement for costs incurred in connection with the maintenance or improvement of project or nonproject levees in the Sacramento-San Joaquin Delta. This bill would extend the authorization to reimburse eligible local agencies under the program and advance funds until July 1, 2020. This bill contains other related provisions and other existing laws.

**SB 555** (Wolk D) Urban retail water suppliers: water loss management.

**Current Text:** Chaptered: 10/9/2015 [pdf](#) [html](#)

**Introduced:** 2/26/2015

**Last Amend:** 9/1/2015

**Status:** 10/9/2015-Chaptered by Secretary of State - Chapter 679, Statutes of 2015.

**Location:** 10/9/2015-S. CHAPTERED

**Summary:** Would require each urban retail water supplier, on or before October 1, 2017, and on or before October 1 of each year thereafter, to submit a completed and validated water loss audit report for the previous calendar year or previous fiscal year as prescribed by rules adopted by the Department of Water Resources on or before January 1, 2017, and updated as provided. The bill would require the department to post all validated water loss audit reports on its Internet Web site in a manner that allows for comparisons across water suppliers and to make these reports available for public viewing.

**SB 568** (Fuller R) Groundwater management.

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

**Introduced:** 2/26/2015

**Status:** 1/22/2016-Failed Deadline pursuant to Rule 61(b)(2). (Last location was 2 YEAR on 5/15/2015)

**Location:** 1/22/2016-S. DEAD

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

**SB 615** (Berryhill R) Waste discharge requirements: waivers: managed wetlands.

**Current Text:** Amended: 4/6/2015 [pdf](#) [html](#)

**Introduced:** 2/27/2015

**Last Amend:** 4/6/2015

**Status:** 1/15/2016-Failed Deadline pursuant to Rule 61(b)(1). (Last location was 2 YEAR on 5/1/2015)

**Location:** 1/15/2016-S. DEAD

**Summary:** Would require that managed wetlands be presumed to not pose a significant threat to water quality and would require, with respect to managed wetlands, the state board and regional boards to waive the above-described reporting requirements, regional board prescribed waste discharge requirements, and monitoring requirements of the waiver program, except that the state board or a regional board shall require water quality monitoring of a managed wetland not more than



once during the duration of each waiver period unless results of downstream monitoring demonstrate a violation of water quality discharge standards. The bill would limit this monitoring to contaminants that are actually applied by wetland managers to the wetland and contaminants that are known to be naturally present in the wetland environment.

**[SB 625](#) (Galgiani D) Waste management: synthetic plastic microbeads.**

**Current Text:** Amended: 4/20/2015 [pdf](#) [html](#)

**Introduced:** 2/27/2015

**Last Amend:** 4/20/2015

**Status:** 1/15/2016-Failed Deadline pursuant to Rule 61(b)(1). (Last location was 2 YEAR on 5/1/2015)

**Location:** 1/15/2016-S. DEAD

**Summary:** Would prohibit, on and after January 1, 2020, a person, as defined, from selling or offering for promotional purposes in this state a personal care product containing synthetic plastic microbeads, as specified. The bill would exempt from those prohibitions the sale or promotional offer of a product containing less than 1 part per million (ppm) by weight of synthetic plastic microbeads, as provided. This bill contains other related provisions.

**[SB 664](#) (Hertzberg D) Water: urban water management planning.**

**Current Text:** Chaptered: 10/9/2015 [pdf](#) [html](#)

**Introduced:** 2/27/2015

**Last Amend:** 6/24/2015

**Status:** 10/9/2015-Chaptered by Secretary of State - Chapter 681, Statutes of 2015.

**Location:** 10/9/2015-S. CHAPTERED

**Summary:** Would require an urban water supplier to include within its plan, beginning January 1, 2020, a seismic risk assessment and mitigation plan to assess the vulnerability of each of the various facilities of a water system and mitigate those vulnerabilities. This bill would authorize an urban water supplier to comply with this requirement by submitting a copy of the most recent adopted local hazard mitigation plan or multihazard mitigation plan under specified federal law that addresses seismic risk.

**[SB 756](#) (Stone R) California Environmental Quality Act.**

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

**Introduced:** 2/27/2015

**Status:** 1/22/2016-Failed Deadline pursuant to Rule 61(b)(2). (Last location was 2 YEAR on 5/15/2015)

**Location:** 1/22/2016-S. DEAD

**Summary:** Would state the intent of the Legislature to enact legislation to amend CEQA.

**[SB 768](#) (Wieckowski D) Water-conserving plumbing fixtures.**

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

**Introduced:** 2/27/2015

**Status:** 1/22/2016-Failed Deadline pursuant to Rule 61(b)(2). (Last location was 2 YEAR on 5/15/2015)

**Location:** 1/22/2016-S. DEAD

**Summary:** Current law requires the replacement of plumbing fixtures that are not water conserving, as defined as noncompliant plumbing fixtures, in residential and commercial real property built and available for use on or before January 1, 1994, as specified. Current law provides findings and declarations regarding these requirements, including that there is a pressing need to address water supply reliability issues caused by growing urban areas. This bill would make technical, nonsubstantive changes to these findings and declarations.

**[SB 814](#) (Hill D) Drought: excessive water use: urban retail water suppliers.**

**Current Text:** Chaptered: 8/30/2016 [pdf](#) [html](#)

**Introduced:** 1/4/2016

**Last Amend:** 6/21/2016

**Status:** 8/29/2016-Chaptered by Secretary of State - Chapter 230, Statutes of 2016.

**Location:** 8/29/2016-S. CHAPTERED

**Summary:** Would declare that during prescribed periods excessive water use by a residential customer in a single-family residence or by a customer in a multiunit housing complex, as specified, is prohibited. This bill, during prescribed periods, would require each urban retail water supplier to establish a method to identify and discourage excessive water use. This bill would authorize as a method to identify and discourage excessive water use the establishment of a rate structure that includes block tiers, water budgets, or rate surcharges over and above base rates for excessive water use by residential customers.

**[SB 885](#) (Wolk D) Contracts: design professionals: indemnity.**

**Current Text:** Amended: 6/16/2016 [pdf](#) [html](#)

**Introduced:** 1/19/2016

**Last Amend:** 6/16/2016

**Status:** 7/1/2016-Failed Deadline pursuant to Joint Rule 61(b)(13). (Last location was JUD. on 6/16/2016)

**Location:** 7/1/2016-A. DEAD

**Summary:** Would specify, with certain exceptions, for contracts and amendments to them entered into on or after January 1, 2017, that a design professional, as defined, only has the duty to defend himself or herself from claims or lawsuits that arise out of, or pertain or relate to, negligence, recklessness, or willful misconduct of the design professional. The bill would prohibit these provisions from being construed to affect any duty of a design professional to defend any claims brought against him or her on an ongoing basis during their pendency or the design professional's obligation to reimburse reasonable defense costs incurred by other persons or entities, limited to the design professional's degree of fault, as determined by a court, arbitration, or negotiated settlement.

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

**Current Text:** Chaptered: 9/21/2016 [pdf](#) [html](#)

**Introduced:** 2/4/2016

**Last Amend:** 8/15/2016

**Status:** 9/21/2016-Chaptered by Secretary of State - Chapter 426, Statutes of 2016.

**Location:** 9/21/2016-S. CHAPTERED

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

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

**Current Text:** Amended: 8/1/2016 [pdf](#) [html](#)

**Introduced:** 2/10/2016

**Last Amend:** 8/1/2016

**Status:** 8/12/2016-Failed Deadline pursuant to Joint Rule 61(b)(14). (Last location was APPR. on 8/11/2016)

**Location:** 8/12/2016-A. DEAD

**Summary:** Would, on or before January 1, 2019, require the Department of Water Resources to update well standards for water wells, monitoring wells, and cathodic protection wells based on existing knowledge and to submit these standards to the State Water Resources Control Board. This bill contains other related provisions and other existing laws.

**SB 1096** **(Berryhill R) Waste discharge requirements.**

**Current Text:** Introduced: 2/17/2016 [pdf](#) [html](#)

**Introduced:** 2/17/2016

**Status:** 5/6/2016-Failed Deadline pursuant to Joint Rule 61(b)(6). (Last location was RLS. on 2/25/2016)

**Location:** 5/6/2016-S. DEAD

**Summary:** Current law, the Porter-Cologne Water Quality Control Act, requires each California regional water quality control board, after any necessary hearing, to prescribe waste discharge requirements to implement relevant water quality control plans, and authorizes the State Water Resources Control Board, after any necessary hearing, to prescribe waste discharge requirements, as specified. This bill would make technical, nonsubstantive changes to these provisions.

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

**Current Text:** Chaptered: 9/25/2016 [pdf](#) [html](#)

**Introduced:** 2/17/2016

**Last Amend:** 8/11/2016

**Status:** 9/25/2016-Chaptered by Secretary of State - Chapter 631, Statutes of 2016.

**Location:** 9/25/2016-S. CHAPTERED

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

**SB 1173** **(Hertzberg D) Water-conserving plumbing fixtures: CalConserve Water Use Efficiency Revolving Fund.**

**Current Text:** Amended: 3/30/2016 [pdf](#) [html](#)

**Introduced:** 2/18/2016

**Last Amend:** 3/30/2016

**Status:** 4/22/2016-Failed Deadline pursuant to Joint Rule 61(b)(5). (Last location was S. T. & H. on 3/30/2016)

**Location:** 4/22/2016-S. DEAD

**Summary:** Existing law includes specified requirements to replace plumbing fixtures that are not water conserving, defined as "noncompliant plumbing fixtures," to residential and commercial real property built and available for use on or before January 1, 1994, as specified. Existing law defines "commercial real property," "multifamily residential real property," and "water-conserving plumbing fixture" for purposes of these provisions. This bill would apply these requirements, as specified, to commercial real property regardless of when it was built. This bill contains other related provisions and other existing laws.

**SB 1233 (McGuire D) Joint powers authorities: Water Bill Savings Act.**

**Current Text:** Amended: 8/2/2016 [pdf](#) [html](#)

**Introduced:** 2/18/2016

**Last Amend:** 8/2/2016

**Status:** 8/12/2016-Failed Deadline pursuant to Joint Rule 61(b)(14). (Last location was APPR. SUSPENSE FILE on 8/10/2016)

**Location:** 8/12/2016-A. DEAD

**Summary:** Would enact the Water Bill Savings Act, which would authorize a joint powers authority to provide funding for a customer of a local agency or its publicly owned utility to acquire, install, or repair a water efficiency improvement on the customer's property served by the local agency or its publicly owned utility. The bill would require the customer to repay the authority through an efficiency charge on the customer's water bill to be established and collected by the local agency or its publicly owned utility on behalf of the authority pursuant to a servicing agreement.

**SB 1262 (Pavley D) Water supply planning.**

**Current Text:** Chaptered: 9/24/2016 [pdf](#) [html](#)

**Introduced:** 2/18/2016

**Last Amend:** 6/15/2016

**Status:** 9/24/2016-Chaptered by Secretary of State - Chapter 594, Statutes of 2016.

**Location:** 9/24/2016-S. CHAPTERED

**Summary:** The Sustainable Groundwater Management Act authorizes the State Water Resources Control Board to designate a basin as a probationary basin if the state board makes a certain determination and to develop an interim plan for the probationary basin. This bill would require a city or county that determines a project is subject to the California Environmental Quality Act to identify any water system whose service area includes the project site and any water system adjacent to the project site. This bill would provide that hauled water is not a source of water for the purposes of a water supply assessment, as specified.

**SB 1263 (Wieckowski D) Public water system: permits.**

**Current Text:** Chaptered: 9/29/2016 [pdf](#) [html](#)

**Introduced:** 2/18/2016

**Last Amend:** 8/19/2016

**Status:** 9/29/2016-Chaptered by Secretary of State - Chapter 843, Statutes of 2016.

**Location:** 9/29/2016-S. CHAPTERED

**Summary:** Would require a person submitting an application for a permit for a proposed new public water system to first submit a preliminary technical report to the State Water Resources Control Board at least 6 months before initiating construction of any water-related improvement, as defined. Because a misstatement in the report could be a crime under the provision described above, this bill would impose a state-mandated local program by expanding the scope of a crime.

**SB 1298 (Hertzberg D) Local government: fees and charges.**

**Current Text:** Amended: 8/11/2016 [pdf](#) [html](#)

**Introduced:** 2/19/2016

**Last Amend:** 8/11/2016

**Status:** 8/31/2016-Failed Deadline pursuant to Joint Rule 61(b)(17). (Last location was INACTIVE FILE on 8/31/2016)

**Location:** 8/31/2016-A. DEAD

**Summary:** Articles XIII C and XIII D of the California Constitution generally require that assessments, fees, and charges be submitted to property owners for approval or rejection after the provision of written notice and the holding of a public hearing. Current law, the Proposition 218 Omnibus Implementation Act, prescribes specific procedures and parameters for local jurisdictions to comply with Articles XIII C and XIII D of the California Constitution and defines terms for these purposes. This bill would define the term "sewer" for these purposes.



- [SB 1317](#) (Wolk D) Groundwater extraction permit.**  
**Current Text:** Amended: 6/20/2016 [pdf](#) [html](#)  
**Introduced:** 2/19/2016  
**Last Amend:** 6/20/2016  
**Status:** 7/1/2016-Failed Deadline pursuant to Joint Rule 61(b)(13). (Last location was L. GOV. on 6/20/2016)  
**Location:** 7/1/2016-A. DEAD  
**Summary:** Would prohibit a groundwater extraction facility in a high- or medium-priority basin from being developed without a valid groundwater extraction permit, with certain exceptions. The bill would not require a city or county overlying a medium- or high-priority basin to have a process for the issuance of a groundwater extraction permit for the development of a groundwater extraction facility on or after January 31, 2022, or once the department has evaluated a groundwater sustainability plan for the basin the city or county overlies and determined the plan to be adequate and likely to achieve the sustainability goal for the basin, whichever comes first.
- [SB 1318](#) (Wolk D) Local government: drinking water infrastructure or services: wastewater infrastructure or services.**  
**Current Text:** Amended: 6/1/2016 [pdf](#) [html](#)  
**Introduced:** 2/19/2016  
**Last Amend:** 6/1/2016  
**Status:** 7/1/2016-Failed Deadline pursuant to Joint Rule 61(b)(13). (Last location was L. GOV. on 6/9/2016)  
**Location:** 7/1/2016-A. DEAD  
**Summary:** The Cortese-Knox-Hertzberg Local Government Reorganization Act of 2000 governs the procedures for the formation and change of organization of cities and special districts. This bill would additionally authorize a local agency formation commission to initiate a proposal by resolution of application for the annexation of a disadvantaged unincorporated community, as specified. This bill contains other related provisions and other current laws.
- [SB 1328](#) (Lara D) Water delivery projects: reduction of greenhouse gas emissions: funding.**  
**Current Text:** Vetoed: 9/24/2016 [pdf](#) [html](#)  
**Introduced:** 2/19/2016  
**Last Amend:** 8/18/2016  
**Status:** 9/24/2016-Vetoed by the Governor  
**Location:** 9/24/2016-S. VETOED  
**Summary:** Would authorize the State Water Resources Control Board to expend moneys from the Greenhouse Gas Reduction Fund, upon appropriation by the Legislature, to provide grants to public agencies, nonprofit organizations, public utilities, and mutual water companies to implement stormwater and dry weather runoff collection and treatment, wastewater, water recycling, and drinking water projects that are intended to reduce greenhouse gas emissions by decreasing the demand for fossil fuels needed to pump, transport, and deliver water to serve water consumers, as prescribed. This bill contains other existing laws.
- [SB 1415](#) (Bates R) California Environmental Quality Act: local water projects: scoping meetings.**  
**Current Text:** Amended: 4/18/2016 [pdf](#) [html](#)  
**Introduced:** 2/19/2016  
**Last Amend:** 4/18/2016  
**Status:** 5/27/2016-Failed Deadline pursuant to Joint Rule 61(b)(8). (Last location was APPR. on 4/21/2016)  
**Location:** 5/27/2016-S. DEAD  
**Summary:** Would require a lead agency to call at least one scoping meeting to receive public comments for local projects for stormwater or dry weather runoff capture and reuse, water recycling, or wastewater treatment to improve water quality. Because a local lead agency would be required to conduct at least one scoping meeting, this bill would impose a state-mandated local program. This bill contains other related provisions and other existing laws.
- [SB 1456](#) (Galgiani D) Safe Drinking Water State Revolving Fund Law of 1997: water systems: financing.**  
**Current Text:** Chaptered: 9/22/2016 [pdf](#) [html](#)  
**Introduced:** 2/19/2016  
**Last Amend:** 8/18/2016  
**Status:** 9/22/2016-Chaptered by Secretary of State - Chapter 488, Statutes of 2016.  
**Location:** 9/22/2016-S. CHAPTERED  
**Summary:** Current law, for community public water systems and not-for-profit noncommunity public water systems, allows planning and preliminary engineering studies, project design, and construction costs incurred by those public water systems to be funded by loans and other repayable financing. This bill would authorize the above-described costs to be funded by loans or other repayable financing,

grants, principal forgiveness, or a combination of grants and loans or other financial assistance, regardless of whether the community water system or not-for-profit noncommunity water system is owned by a public agency or private not-for-profit water company.

# **GENERAL MANAGERS MEETING NOTES**

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TUESDAY, OCTOBER 11, 2016

## **PARTICIPANTS PRESENT**

Paul Jones  
Joe Grindstaff  
Michael Markus  
John Rossi  
Mark Norton  
Rich Haller  
Sara Villa

## **REPRESENTING**

Eastern Municipal Water District  
Inland Empire Utilities Agency  
Orange County Water District  
Western Municipal Water District  
Santa Ana Watershed Project Authority  
Santa Ana Watershed Project Authority  
Santa Ana Watershed Project Authority

## **PARTICIPANTS ABSENT**

Doug Headrick  
Celeste Cantú

San Bernardino Valley Municipal Water District  
Santa Ana Watershed Project Authority

## **CALL TO ORDER**

John Rossi called the meeting to order at 8:02 a.m. at SAWPA, 11615 Sterling Avenue, Riverside, California.

## **OWOW UPDATE**

Mark Norton advised the General Managers that SAWPA submitted a Prop 1 Planning Grant on September 23rd for \$250,000 for the One Water One Watershed (OWOW) Plan Update. The OWOW Plan update is anticipated to begin in January 2017. Mr. Norton emphasize that the Prop 1 Integrated Regional Water Management (IRWM) Planning Grants are primarily geared for developing new IRWM Plans for IRWM regions that do not have an IRWM plan, so the chance of a successful award to SAWPA is slim. It was questioned what the cost and scope of work would be for conducting the OWOW Plan Update. Norton said that the main focus is to comply with the legislation that requires each IRWM region to incorporate Stormwater Resource Plans, climate change and more details on water quality constituents. There is no specific cost estimate since the planning grant is uncertain, though it is anticipated to be a two-year process.

The OWOW Steering Committee (Committee) meeting is scheduled for October 20th. The Committee will be briefed on the scope of work for the Prop 1 IRWM Disadvantaged Communities Involvement grant program, the Prop 1 IRWM Planning grant, and the work conducted by SAWPA regarding the OWOW strategic assessment goals/objectives, and critical success factors. Larry McKenney will brief the Committee about Orange County Water District's recent decision to prepare material necessary to be recognized as a separate regional water management group under DWR's Region Acceptance process. Michael Markus suggested having one of his own staff members present to the Committee rather than SAWPA staff.

## **UPDATES/DISCUSSION ITEMS**

Brine Line Update. Rich Haller provided updates on the following:

- Reach V Repair – WEKA, Inc. is preparing to dewater and run cameras through Reaches 1-10 and do a pressure test. They have also applied for Encroachment Permits through the City of Corona and the County. The City of Corona imposed additional requirements in relation to flag-men stationed at intersections. The scheduled completion date is January 2017. SAWPA is continuing to seek another CIPP installer for Phase 2. Mr. Haller advised the General Managers that SAWPA attended the City of Corona's Council meeting and provided them with an update and how a hotline number was created for citizens to call and leave a message with any questions or concerns.
- Nichols Road Brine Line Relocation – SAWPA Commission authorized a Notice of Completion in September. Mr. Haller noted that this item will be removed from any future Agendas.

- Pretreatment Program Update:
  - Ordinance, Local Limits Update (Draft Ordinance No. 8 Local Limits Resolution) – SAWPA continues to work with OCSD in finalizing Ordinance No. 8 and the Local Limits. It was requested that a provision be included on Total Organic Carbon that would exceed 5mg/l at GWRS, though there is some confusion because it doesn't apply. A meeting is scheduled in November to discuss the TOC.
- Collection Station MOU – SAWPA continues to work on the Collection Station MOU and SOP's. Comments were received from OCSD and are being incorporated.
- OCSD Audit of SAWPA (EEC) – SAWPA received EEC's Internal Audit Report results. SAWPA is working with OCSD in identifying the response to the write-ups.
- Lease and Loan Capacity Pools Agreement – SAWPA has received comments from all the member agencies on the Lease and Loan Capacity Pool Draft Agreement; everything is moving along.
- OCSD Rock Removal Design RFP – Michael Baker International has been selected to do the design work on the removal of the rock and is currently preparing plans and specs.
- Brine Line Sheet Pile Protection by RCFC&WCD – SAWPA will present Jason E. Uhley and Warren D. "Dusty" Williams of RCFC&WCD with a certificate of appreciation at the October 18 Commission Meeting.

### **STRATEGIC ASSESSMENT**

Mr. Norton provided the General Managers with the OWOW Business Line Process, Activities and Tasks (PATs) spreadsheet and provided a brief background of the Strategic Assessment that was presented by Paul Brown with the number of hours that are being budgeted for each specific OWOW PATs. Mr. Norton advised that based on the Commission's direction; the PATs have been revised to reflect synergies, dependencies and efficiencies and some were reduced and/or eliminated. Discussion ensued regarding the concerns with PA 23 accumulated hours in a four-year period and having a shortfall if RMC is being paid to do program management work. Mr. Norton stated that a breakdown was provided at the PA 23 Committee showing how many hours are anticipated each year. Paul Jones recommended streamlining the PA 23 management structure and reducing planning managers meetings. It was suggested not having a PA 23 Committee. Joe Grindstaff stated that a government structure is needed. Mr. Jones suggested looking over the scope of the budget. Mr. Rossi suggested that the General Managers provide comments in writing before it goes to Commission on November 15. It was decided that comments be submitted to Mark Norton and Celeste Cantú by October 21st. Mr. Markus suggested re-scheduling the General Managers meeting to an earlier date.

### **SCHEDULE NEXT GM MEETING**

November 3, 2016, at 10:00 a.m. at IEUA.

The meeting adjourned at 8:51 a.m.

**COMMISSION REVIEW:** October 18, 2016



Orange County's Groundwater Replenishment System (GWRS) surpassed a major water production milestone when it hit the 200-billion-gallon mark. Since its startup in January 2008, this project ensures water reliability for Orange County, providing enough water for 850,000 people annually.

A joint project of the Orange County Water District (OCWD) and the Orange County Sanitation District (OCSD), the GWRS initially produced 70 million gallons of water a day (MGD) and was expanded last year to produce an additional 30 MGD. This made the world's largest project of its kind even bigger and the districts are not stopping here. Plans for a final expansion of the GWRS are underway.

For more information, please reference the attached OCWD press release.



*OCSD is a public agency that provides wastewater collection, treatment, and recycling for approximately 2.5 million people in central and northwest Orange County. OCSD is a special district that is governed by a 25 member Board of Directors comprised of 20 cities, four special districts, and one representative from the Orange County Board of Supervisors. OCSD operates a large regional sewer system and two treatment facilities that collect, treat and recycle wastewater from residential, commercial and industrial sources.*

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10844 Ellis Avenue  
Fountain Valley, CA 92708



Orange County Sanitation District



**FOR IMMEDIATE RELEASE**

September 19, 2016

Contact: **Gina Ayala**, OCWD | 714.378-3323 (Office) | [gayala@ocwd.com](mailto:gayala@ocwd.com)

Contact: **Jennifer Cabral**, OCSD | 714.593.7581 (Office) | [jcabral@ocsd.com](mailto:jcabral@ocsd.com)

**GROUNDWATER REPLENISHMENT SYSTEM PRODUCES 200 BILLION GALLONS OF WATER AS CALIFORNIA ENDURES FIFTH YEAR OF DROUGHT**

**FOUNTAIN VALLEY, Calif.** (September 19, 2016) — As California faces a fifth year of record-breaking drought, the world’s largest water reuse project of its kind, the Groundwater Replenishment System (GWRS), surpassed a major water production milestone when it hit the 200-billion-gallon mark. Implemented in January 2008, this project has brought water reliability to Orange County providing enough water for 850,000 people annually.

A joint project of the Orange County Water District (OCWD) and the Orange County Sanitation District (OCSD), the GWRS had an initial production capacity of 70 million gallons of water a day (MGD) and was expanded last year to produce an additional 30 MGD. This made the world’s largest project of its kind even bigger and the districts are not stopping here. Plans for a final expansion of the GWRS are underway and pending board approval.

“Planning for the GWRS began in the mid-1990s,” said OCWD President Cathy Green. “We were really ahead of the game on this one and the region has realized the projects benefits as California continues to endure cyclical and prolonged droughts and water supply challenges. The GWRS offers a local solution to increase water supply and currently accounts for one-third of the water that OCWD puts into the groundwater basin it manages that provides water for 2.4 million people. This project is a major part of our water supply portfolio and we will continue to evaluate all viable possibilities for alternative supplies,” she added.

**-MORE-**

“OCSD’s partnership with the water district is quite remarkable—it’s an example of public agencies working together for the benefit of the constituents we serve,” said OCSD Board Chair John Nielsen. “Through this partnership we are progressively moving closer to OCSD’s goal of 100 percent recycling. Demonstrating our commitment to maximizing every drop of reclaimable water, we just completed a joint \$2 million engineering feasibility study that supports the final expansion of the GWRS. Ultimate capacity for the expansion is projected at 130 MGD after infrastructure is built to increase wastewater flows from OCSD to the GWRS,” he added.

Since the project’s inception, more than 32,000 people have visited the GWRS to learn how water reuse can be part of the solution to water reliability and how projects like this can be implemented in their community as well. There is no one-size-fits-all approach to capturing – or “reclaiming” – previously used water and treating it for another use. There are many different scientifically proven processes and options in use by communities today to diversify their local water supply portfolios and meet needs. Consumers can be assured that water reuse involves extensive cleaning, rigorous monitoring and testing, is good for the environment, and is scientifically proven to be safe.

The GWRS takes treated wastewater and purifies it through a three-step process consisting of microfiltration, reverse osmosis and ultraviolet light with hydrogen peroxide. The end result is 100 million gallons a day of ultra-pure water that meets or exceeds state and federal drinking water standards. A portion of this water is injected into a seawater barrier with the remainder being pumped to OCWD’s recharge basins where it percolates into the Orange County Groundwater Basin and becomes a primary source of drinking water.

“The GWRS is a model example of how to reuse a valuable resource to diversify local water supplies and secure long term water resilience,” said State Water Board Chair Felicia Marcus. “I hope to see more projects like this implemented throughout California because the potential is tremendous. Water reuse projects are an essential component of a more sustainable water management strategy,” she added.

**-MORE-**

A comprehensive water management plan for California will include GWRS-like projects and much more. Water and regulatory agencies, legislators and others must work together to implement a diverse water portfolio.

"Our climate is rapidly changing, our population is growing and more extreme weather looms on the horizon. Now is not the time to shirk from responsibility," said Governor Brown earlier this year at a meeting of the Association of California Water Agencies. "Storage or conveyance alone will not solve all of our problems. Recycling, groundwater management and conservation, individually, won't get us there either. It will take all of the above. We must think differently and act boldly -- and that's exactly what California is doing."

California looks forward to seeing many projects and programs implemented to combat drought and the water supply challenges the state faces, and Orange County is eager to lead the way by increasing local water reliability. Prior to the startup of the GWRS, groundwater pumping was restricted to 62 percent of total water demands. Today, while other California communities are grappling with significant shortages due to the drought, the GWRS has helped increase groundwater pumping in the Orange County Groundwater Basin to 75 percent. The GWRS is Orange County's shining example of innovation, sound planning and tremendous leadership. To learn more about this water reliability project, please visit <http://www.ocwd.com/gwrs/>.

#### **About OCWD**

*The District is committed to enhancing Orange County's groundwater quality and reliability in an environmentally friendly and economical manner. The following cities utilize the groundwater basin managed by OCWD and receive approximately 75 percent of their water supply from it: Anaheim, Buena Park, Costa Mesa, Cypress, Fountain Valley, Fullerton, Garden Grove, Huntington Beach, Irvine, La Palma, Los Alamitos, Newport Beach, Orange, Placentia, Santa Ana, Seal Beach, Stanton, Tustin, Villa Park, Westminster and Yorba Linda. For more information about the Orange County Water District and its Board of Directors, call (714) 378-3200 or visit [www.ocwd.com](http://www.ocwd.com).*

#### **About OCSD**

*OCSD is a public agency that provides wastewater collection, treatment, and recycling for*

**-MORE-**



*approximately 2.5 million people in central and northwest Orange County. OCSD is a special district that is governed by a 25-member Board of Directors comprised of 20 cities, four special districts, and one representative from the Orange County Board of Supervisors. OCSD has two operating facilities that treat wastewater from residential, commercial and industrial sources. For more information about the Orange County Sanitation District call (714) 962-2411 or visit [www.ocsd.com](http://www.ocsd.com). Follow us at @OCSEwers.*

**###**