



S A W P A

SANTA ANA WATERSHED PROJECT AUTHORITY

11615 Sterling Avenue, Riverside, California 92503 • (951) 354-4220

REGULAR COMMISSION MEETING TUESDAY, JULY 17, 2018 – 9:30 A.M.

AGENDA

1. **CALL TO ORDER/PLEDGE OF ALLEGIANCE** (Susan Lien Longville, 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. **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: JUNE 19, 2018**..... 7
Recommendation: Approve as posted.
 - B. **TREASURER’S REPORT – MAY 2018**..... 11
Recommendation: Approve as posted.
5. **NEW BUSINESS**
 - A. **OWOW PROGRAM UPDATE (CM#2018.68)**..... 17
Presenter: Mike Antos
Recommendation: Receive and file.
 - B. **WECAN PROGRAM | CHANGE ORDER WITH ECOTECH SERVICES, INC. (CM#2018.69)**..... 21
Presenter: Mike Antos
Recommendation: Authorize the General Manager to execute Change Order No. 3 to Task Order No. ECOT397-01 with Ecotech Services, Inc. for an amount not-to-exceed \$80,000 to add 16,000 square feet of turf removal to the scope.

- C. [TECHNICAL AND GRANT WRITING SERVICES \(CM#2018.70\)](#) 25
Presenter: Mark Norton
Recommendation:
 1) Receive and file Roundtable and OWOW outreach brochures;
 2) Authorize transfer of \$120,288.00 from labor and \$52,565.86 from benefits budgeted for a full-time staff position for FYE 2019 to technical/grant writing consultant support for the following funds (100, 370-01, 370-02, 373, 374, 384-01, 386, 387, 392); and,
 3) Execute Task Order No. DUDK373-04 with Dudek in the amount of \$38,740 to provide additional technical writing services in support of the SAWPA Planning Department and the OWOW Plan Update 2018
- D. [BRINE LINE – SKIDSTEER LOADER PURCHASE \(CM#2018.71\)](#)..... 53
Presenter: Carlos Quintero
Recommendation: Authorize the General Manager to issue a Purchase Order in the amount of \$53,686.45 to Sonsray Machinery LLC for the purchase of a Case SR210 skidsteer loader.
- E. [BRINE LINE REACH 4B UPPER RELOCATION \(CM#2018.72\)](#) 65
Presenter: Carlos Quintero
Recommendation: Authorize the General Manager to execute an agreement between SAWPA and the Riverside County Transportation Commission establishing the terms for the proposed relocation of approximately 150 linear feet of Reach 4B Upper as a result of a conflict with a Southern California Edison high voltage conduit.
- F. [GRANT OF EASEMENT TO WESTERN MUNICIPAL WATER DISTRICT \(CM#2018.73\)](#) 81
Presenter: Carlos Quintero
Recommendation: Grant a no-fee easement to Western Municipal Water District (WMWD) for use of the SAWPA parking lot for access to the Arlington Desalter and pipeline purposes.
- G. [EARTH MOVEMENT \(EARTHQUAKE\) INSURANCE \(CM#2018.74\)](#) 93
Presenter: Karen Williams
Recommendation: Authorize the General Manager to procure earthquake insurance for the SAWPA building and its contents for a FY19 total cost of \$16,930.
- H. [SANTA ANA SUCKER HABITAT PROTECTION AND BENEFICIAL USE ENHANCEMENT PROJECT – RECOMMENDATIONS FOLLOWING PUBLIC WORKS BID PROCESS \(CM#2018.75\)](#) 131
Presenter: Ian Achimore
Recommendation:
 1) Reject the bid received for the Santa Ana Sucker Habitat Protection and Beneficial Use Enhancement Project (“Project”); and,
 2) Approve staff’s plan and \$118,571 budget to construct the Project with a combination of SAWPA staff labor and equipment, leased equipment, and donated rock from San Bernardino Valley Municipal Water District (SBVMWD).
- I. [ARUNDO DONAX SURVEYING AND SITE ACCESS TASK ORDER WITH SANTA ANA WATERSHED ASSOCIATION \(CM#2018.76\)](#) 137
Presenter: Ian Achimore
Recommendation: Approve Task Order No. SAWA387-06 in the amount of \$23,000 for the Santa Ana Watershed Association to assist with attaining right of entry to parcels containing Arundo Donax and conducting follow-up field surveys.

J.	<u>ALLOCATION OF GRANT SAVINGS TO REMAINING RETAIL AGENCIES PARTICIPATING IN THE CONSERVATION-BASED WATER RATES PROJECT (CM#2018.77)</u>	165
	Presenter: Ian Achimore	
	Recommendation: Approve the following which was presented to the Project Agreement 22 Committee at their April 26 and June 28, 2018 meetings:	
	1) Distribute the Conservation-Based Water Rates Project’s grant cost savings to the three remaining participating cities: Chino, Chino Hills and Hemet; and,	
	2) Preparation and execution of amendments to the three cities’ Sub-Grantee agreements to increase the grant amount to \$452,303 per city.	
K.	<u>IT CONSULTING AND SUPPORT SERVICES FISCAL YEAR END 2018/19 AND 2019/20 (CM#2018.78)</u>	173
	Presenter: Dean Unger	
	Recommendation: Authorize the approval of Task Order No. ACS100-11 with Accent Computer Solutions for FYE 2018/19 and FYE 2019/20 in an amount not to exceed \$186,800.	
L.	<u>PROPOSITION 84 PROJECT STATUS UPDATE</u>	213
	Presenter: David Ruhl	
	Recommendation: Receive and file.	
M.	<u>SAWPA POSITION ON SB 623 OR OTHER PROPOSED WATER TAX OR PUBLIC GOODS CHARGE (CM#2018.79)</u>	227
	Presenter: Larry McKenney	
	Recommendation: Consider adopting a position on SB 623 or other proposed water tax or public goods charge on retail water bills.	
6.	<u>INFORMATIONAL REPORTS</u>	
	Recommendation: Receive for information.	
A.	<u>CASH TRANSACTIONS REPORT – MAY 2018</u>	229
	Presenter: Karen Williams	
B.	<u>INTER-FUND BORROWING – MAY 2018 (CM#2018.66)</u>	237
	Presenter: Karen Williams	
C.	<u>PERFORMANCE INDICATORS/FINANCIAL REPORTING – MAY 2018 (CM#2018.67)</u>	241
	Presenter: Karen Williams	
D.	<u>OWOW QUARTERLY STATUS REPORT: APRIL 1, 2018 – JUNE 30, 2018</u>	263
	Presenter: Mark Norton	
E.	<u>ROUNDTABLES QUARTERLY STATUS REPORT: APRIL 1, 2018 – JUNE 30, 2018</u>	267
	Presenter: Mark Norton	
F.	<u>GENERAL MANAGER REPORT</u>	279
G.	<u>SAWPA GENERAL MANAGERS MEETING NOTES</u>	289
	• July 10, 2018	
H.	<u>STATE LEGISLATIVE REPORT</u>	293
	Presenter: Rich Haller	
I.	<u>CHAIR’S COMMENTS/REPORT</u>	

J. COMMISSIONERS' COMMENTS

K. COMMISSIONERS' REQUEST FOR FUTURE AGENDA ITEMS

7. 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)

8. ADJOURNMENT

Americans with Disabilities Act: If you require any special disability related accommodations to participate in this meeting, call (951) 354-4230 or email 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, 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 Thursday, July 12, 2018, a copy of this agenda has been uploaded to the SAWPA website at www.sawpa.org and posted at the SAWPA office, 11615 Sterling Avenue, Riverside, California.

/s/

Kelly Berry, CMC

2018 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.)

January	February
1/2/18 Commission Workshop [cancelled]	2/6/18 Commission Workshop
1/16/18 Regular Commission Meeting	2/20/18 Regular Commission Meeting
March	April
3/6/18 Commission Workshop	4/3/18 Commission Workshop
3/20/18 Regular Commission Meeting	4/17/18 Regular Commission Meeting
May	June
5/1/18 Commission Workshop	6/5/18 Commission Workshop
5/8 – 5/11/18 ACWA Spring Conference, Sacramento	6/19/18 Regular Commission Meeting
5/15/18 Regular Commission Meeting	
July	August
7/3/18 Commission Workshop [cancelled]	8/7/18 Commission Workshop
7/17/18 Regular Commission Meeting	8/21/18 Regular Commission Meeting
September	October
9/4/18 Commission Workshop	10/2/18 Commission Workshop
9/18/18 Regular Commission Meeting	10/16/18 Regular Commission Meeting
November	December
11/6/18 Commission Workshop	12/4/18 Commission Workshop
11/20/18 Regular Commission Meeting	12/18/18 Regular Commission Meeting
11/27 – 11/30/18 ACWA Fall Conference, San Diego	

SAWPA COMPENSABLE MEETINGS

Commissioners and Alternate Commissioners will receive compensation for attending the meetings listed below, pursuant to the Commission Compensation, Expense Reimbursement, and Ethics Training Policy.

IMPORTANT NOTE: These meetings are subject to change. Prior to attending any meetings listed below, please confirm meeting details by viewing the website calendar using the following link:

<http://www.sawpa.org/sawpa-events/>

MONTH OF: JULY

DATE	TIME	MEETING DESCRIPTION	LOCATION
7/11/18	10:00 AM	Climate Risk/Response Pillar Mtg	CANCELLED
7/23/18	2:00 PM	OWOW Disadvantaged & Tribal Communities Pillar Mtg	SAWPA
7/26/18	8:00 AM	PA 22 Committee Mtg	SAWPA
7/26/18	11:00 AM	OWOW Steering Committee Mtg	SAWPA

MONTH OF: AUGUST

DATE	TIME	MEETING DESCRIPTION	LOCATION
8/1/18	1:00 PM	DCI: Trust the Tap Agency Outreach Mtg	SAWPA
8/7/18	8:30 AM	PA 23 Committee Mtg	SAWPA
8/8/18	10:00 AM	Climate Risk/Response Pillar Mtg	CANCELLED
8/14/18	1:00 PM	Basin Monitoring Program Task Force Mtg	SAWPA
8/15/18	9:30 AM	Lake Elsinore/Canyon Lake TMDL Mtg	SAWPA
8/15/18	1:30 PM	Regional Water Quality Monitoring Task Force Mtg	SAWPA
8/16/18	4:00 PM	LESJWA Board of Directors Mtg	CANCELLED
8/23/18	8:00 AM	PA 22 Committee Mtg	SAWPA
8/23/18	9:30 AM	OWOW Pillar Integration Mtg	SAWPA
8/27/18	2:00 PM	OWOW Disadvantaged & Tribal Communities Pillar Mtg	SAWPA

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**SAWPA COMMISSION
REGULAR MEETING MINUTES
JUNE 19, 2018**

- COMMISSIONERS PRESENT** Susan Lien Longville, Chair, San Bernardino Valley Municipal Water District
Jasmin A. Hall, Secretary-Treasurer, Inland Empire Utilities Agency
Bruce Whitaker, Alternate, Orange County Water District
Ronald W. Sullivan, Vice Chair, Eastern Municipal Water District
Brenda Dennstedt, Western Municipal Water District
- COMMISSIONERS ABSENT** Philip L. Anthony, Orange County Water District
Thomas P. Evans, Western Municipal Water District
- ALTERNATE COMMISSIONERS PRESENT; NON-VOTING** Steven Copelan, Alternate, San Bernardino Valley Municipal Water District
- STAFF PRESENT** Rich Haller, Larry McKenney, Karen Williams, Mark Norton, Dean Unger, David Ruhl, Carlos Quintero, Ian Achimore, Regina Patterson

The Regular Commission Meeting of the Santa Ana Watershed Project Authority was called to order at 9:32 a.m. by Chair Longville 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 acting Clerk of the Board.

3. PUBLIC COMMENTS

There were no public comments.

4. CONSENT CALENDAR

A. APPROVAL OF MEETING MINUTES: JUNE 5, 2018

Recommendation: Approve as posted.

Result:	Adopted (Passed)
Motion/Second:	Whitaker/Hall
Ayes:	Hall, Longville, Whitaker
Nays:	None
Abstentions:	Dennstedt, Sullivan
Absent:	None

5. NEW BUSINESS

A. 2018 NOVEMBER WATER BOND ACT INITIATIVE – REPORT AND PRESENTATION

Jerry Meral, Ph.D., Director of California Water Program Natural Heritage Institute provided a report and presentation on a 2018 November Water Bond Act Initiative that will be on the ballot this

November. Proposition 1 has two components. The storage component governed by the California Water Commission is in the process of awarding those storage grants in July. There was a wide variety of various water projects with those funds being allocated to state agencies. By the end of 2019 it is expected that those funds will be exhausted by making grants. The November Water Bond is different from Proposition 1 because there is no allocation to the California Water Commission, the monies are directly appropriated to the Department of Water Resources (DWR), the State Water Resources Control Board (SWRCB) and other state agencies, and there are no new required regulations. The state is in a good position to issue more bonds. The programs SAWPA has led are well funded and include wastewater recycling, desalting of groundwater or other contaminated groundwater, water conservation, repair of flood control reservoirs, stormwater, Santa Ana River a program for coastal conservancy to help enhance the Santa Ana River.

ACWA was consulted regarding its priorities when this measure was being developed. Those priorities were 1) safe drinking water; and 2) restoring the watersheds in the Sierra Nevadas. Chair Longville inquired about bond indebtedness. Commissioner Sullivan asked if the state will allocate the funds with grants? How would SAWPA ensure it receives its fair share? Dr. Meral said there is language in the measure that says that the SWRCB and DWR that get most of the funds, shall take into account, a reasonable fair distribution of funds throughout the state. Commissioner Whitaker said the value is about 1.7 Billion which is unusual. Chair Longville recommended the Commissioners speak with its general managers regarding this 2018 November Water Bond Act Initiative. Michael Markus asked if there any funds in the bond for IRWM? Dr. Meral responded there is \$5M to continue the coordinator positions. There is no cap included in the text of the bond. Chair Longville asked when the name and position number is expected? Dr. Meral said renumbering is on November 1, 2018. Chair Longville asked if active opposition from any group is anticipated? Dr. Meral said no opposition is expected. He provided a fact sheet listing the benefits to SAWPA from the 2018 November Water Bond Initiative. Markus stated Dr. Meral is scheduled to give a presentation to the OCWD Board in August.

This item was for informational purposes; no action was taken on Agenda Item No. 5.A.

B. STATEMENT OF INVESTMENT POLICY (CM#2018.64)

Karen Williams reported there have been no changes to the Statement of Investment Policy.

Williams provided a communication letter dated June 12, 2018 from SAWPA's audit firm Teaman, Ramirez & Smith.

MOVED, adopt Resolution No. 2018-7, approving the Statement of Investment Policy and delegating authority to the Chief Financial Officer to invest or reinvest funds consistent with the Statement of Investment Policy.

Result:	Adopted (Unanimously)
Motion/Second:	Dennstedt/Sullivan
Ayes:	Hall, Longville, Sullivan, Whitaker, Dennstedt
Nays:	None
Abstentions:	None
Absent:	None

C. SARCCUP PROJECT MANAGEMENT SERVICES – CONSULTANT SUPPORT CM#2018.65)

Ian Achimore reviewed the PowerPoint presentation included in the agenda packet on pages 65-71 regarding the proposed Task Order No. 3. Achimore provide a brief overview of the project timeline, cost, proponents and support services. Existing task order and funding status was also reviewed. He

reported the cost savings from the proposed Task Order No. 3 are \$16,000. It was noted that if there are delays due to construction or weather and it gets extended beyond five years, the SAWPA member agencies and SAWPA are recommending those cost savings be banked in a way to be used for years beyond the current five-year SARCCUP project timeline. Chair Longville said without the Prop 84 grant, does this consultant cost something in the \$55M budget that the bond is paying for? Achimore stated the grant was used for the first year of their contract but the remaining four years are being paid out of the local match portion. Woodard & Curran representative Scott Goldman was present to answer any questions.

MOVED, approve Task Order No. 3 in an amount not to exceed \$224,485 with Woodard & Curran (formerly RMC Water & Environment Inc.) for project management services to support the Santa Ana River Conservation and Conjunctive Use Program (SARCCUP).

Result:	Adopted (Unanimously)
Motion/Second:	Dennstedt/Sullivan
Ayes:	Whitaker, Hall, Longville, Sullivan, Dennstedt
Nays:	None
Abstentions:	None
Absent:	None

6. INFORMATIONAL REPORTS

The following oral/written reports/updates were received and filed.

- A. CASH TRANSACTIONS REPORT – APRIL 2018**
- B. INTER-FUND BORROWING – APRIL 2018 (CM#2018.61)**
- C. PERFORMANCE INDICATORS/FINANCIAL REPORTING – APRIL 2018 (CM#2018.62)**
- D. BUDGET VS ACTUAL VARIANCE REPORT – FYE 2018 THIRD QUARTER – ENDING MARCH 31, 2018 (CM#2018.63)**
- E. FINANCIAL REPORT FOR THE THIRD QUARTER ENDING MARCH 31, 2018**
- F. THIRD QUARTER FYE 2018 EXPENSE REPORTS**
- G. GENERAL MANAGER REPORT**

Rich Haller reported SAWPA will receive and open bids on this Thursday, June 21, 2018 at 1:30 p.m. for the Santa Ana Sucker Enhancement Project. Last week, June 13, Santa Ana Regional Water Quality Control Board staff participated in a tour of the Brine Line, which was successful. Planning for the OWOW 2019 Conference is underway. Tentatively the event will be hosted at Cal State Fullerton on Friday, March 29, 2019. Chair Longville recommended the date be stated clearly in the minutes and that any comments or conflicts be sent to Rich Haller within a week. Commissioner Sullivan requested an email sent from Rich Haller to member agency general managers for mentioning at their upcoming board meetings.

It was noted that the July 3, 2018 meeting has been cancelled; the next Commission meeting will be held July 17, 2018.

H. SAWPA GENERAL MANAGERS MEETING NOTES

June 12, 2018.

I. STATE LEGISLATIVE REPORT

Commissioner Sullivan suggested someone write an op-ed regarding the double water tax. Chair Longville agreed but recommended waiting until we have clarity of our position. Commissioner Sullivan does not want to wait until it's too late to do anything. It was recommended the item be placed on the July 17, 2018 Commission agenda. Larry McKenney reported this commission has taken a position in support of AB2050 and written letters of support to the appropriate committees.

J. CHAIR'S COMMENTS/REPORT

Chair Longville reported on the Valley District- hosted first annual Santa Ana River Science Symposium. The event was a success and will most like occur in the future at various locations along the river.

K. COMMISSIONERS' COMMENTS

Commissioner Sullivan reported on his recent trip to Europe and shared about water treatment and ground agriculture practices.

L. COMMISSIONERS' REQUEST FOR FUTURE AGENDA ITEMS

There were no additional requests for future agenda items.

7. CLOSED SESSION

There was no closed session.

8. ADJOURNMENT

There being no further business for review, Chair Longville adjourned the meeting at 10:37 a.m.

Approved at a Regular Meeting of the Santa Ana Watershed Project Authority Commission on Tuesday, July 17, 2018.

Susan Lien Longville, Chair

Attest:

Kelly Berry, CMC
Clerk of the Board

*Santa Ana Watershed
Project Authority*



Finance Department

Santa Ana Watershed Project Authority
TREASURER'S REPORT

May 2018

During the month of May 2018, the Agency's actively managed temporary idle cash earned a return of 1.69%, representing interest earnings of \$20,006. Additionally, the Agency's position in overnight funds L.A.I.F. and CaITRUST generated \$35,009 and \$3,632 in interest, resulting in \$58,647 of interest income from all sources. Please note that this data represents monthly earnings only, and does not indicate actual interest received. There were zero (0) investment positions purchased, zero (0) positions sold, one (1) position 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.

June 14, 2018

Prepared and
Submitted by:

Karen L. Williams, Chief Financial Officer

Santa Ana Watershed Project Authority
INVESTMENT PORTFOLIO - MARKED TO MARKET - UNREALIZED GAINS & LOSSES
May 31, 2018

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	\$ 500,000.00	1.790%	\$ 546,650.00	\$ 506,254.50	\$ (40,396)	3.750%	\$ 760.14
Agency	FHLMC	3137EAEC9	WMS	09-16-16	08-12-21	No Call	\$ 1,000,000.00	1.335%	\$ 990,060.00	\$ 955,028.00	\$ (35,032)	1.125%	\$ 1,133.79
Agency	FHLMC	3137EADB2	WMS	04-17-17	01-13-22	No Call	\$ 500,000.00	2.375%	\$ 512,767.00	\$ 495,019.50	\$ (17,748)	2.375%	\$ 1,008.56
Agency	FHLB	313379EE5	WMS	05-26-15	06-14-19	No Call	\$ 500,000.00	1.420%	\$ 504,015.00	\$ 496,603.00	\$ (7,412)	1.625%	\$ 603.10
Agency	FHLB	313383HU8	WMS	06-16-16	06-12-20	No Call	\$ 1,000,000.00	1.080%	\$ 1,026,088.00	\$ 985,313.00	\$ (40,775)	1.750%	\$ 917.27
Agency	FHLB	313379Q69	WMS	12-14-17	06-10-22	No Call	\$ 1,000,000.00	2.150%	\$ 998,930.00	\$ 978,336.00	\$ (20,594)	2.125%	\$ 1,826.12
Agency	FNMA	3135GOZA4	WMS	03-27-14	02-19-19	No Call	\$ 500,000.00	1.800%	\$ 501,975.00	\$ 498,857.50	\$ (3,118)	1.875%	\$ 764.38
Agency	FNMA	3135G0H55	WMS	12-28-15	12-28-20	No Call	\$ 1,000,000.00	1.830%	\$ 1,002,140.00	\$ 983,910.00	\$ (18,230)	1.875%	\$ 1,554.26
Agency	FNMA	3135G0F73	WMS	06-16-16	11-30-20	No Call	\$ 1,000,000.00	1.150%	\$ 1,015,157.00	\$ 975,743.00	\$ (39,414)	1.500%	\$ 976.72
Agency	USTN	912828A34	WMS	11-17-15	11-30-18	No Call	\$ 1,000,000.00	1.166%	\$ 1,002,500.00	\$ 995,781.00	\$ (6,719)	1.250%	\$ 990.21
Agency	USTN	912828WC	WMS	11-17-15	10-31-20	No Call	\$ 1,000,000.00	1.638%	\$ 1,005,312.50	\$ 982,734.00	\$ (22,579)	1.750%	\$ 1,391.04
Agency	USTN	912828G61	WMS	11-17-15	11-30-19	No Call	\$ 1,000,000.00	1.469%	\$ 1,001,210.94	\$ 987,344.00	\$ (13,867)	1.500%	\$ 1,247.59
Agency	USTN	912828L32	WMS	06-17-16	08-31-20	No Call	\$ 500,000.00	1.030%	\$ 507,070.31	\$ 488,105.50	\$ (18,965)	1.375%	\$ 437.53
Agency	USTN	912828L65	WMS	06-16-16	09-30-20	No Call	\$ 500,000.00	1.041%	\$ 506,992.19	\$ 487,656.00	\$ (19,336)	1.375%	\$ 441.95
Agency	USTN	912828L99	WMS	06-16-16	10-31-20	No Call	\$ 500,000.00	1.051%	\$ 506,914.06	\$ 487,051.00	\$ (19,863)	1.375%	\$ 446.10
Agency	USTN	912828S76	WMS	12-14-17	07-31-21	No Call	\$ 1,000,000.00	2.013%	\$ 969,062.50	\$ 956,172.00	\$ (12,891)	1.125%	\$ 1,709.51
CORP	Toyota Motor Credit Corp	89236TCP8	WMS	09-15-16	07-13-18	No Call	\$ 500,000.00	1.100%	\$ 504,057.50	\$ 499,526.50	\$ (4,531)	1.550%	\$ 467.15
CD	Ally Bank	02006L2F9	WMS	01-13-15	04-20-20	No Call	\$ 248,000.00	1.800%	\$ 248,000.00	\$ 248,000.00	\$ -	1.800%	\$ 379.13
CD	American Express	02587DP85	WMS	04-19-17	04-19-21	No Call	\$ 248,000.00	2.250%	\$ 248,000.00	\$ 248,000.00	\$ -	2.250%	\$ 473.92
CD	American Express BK FSB	AN4199708	WMS	05-10-17	05-10-21	No Call	\$ 248,000.00	2.200%	\$ 248,000.00	\$ 248,000.00	\$ -	2.200%	\$ 463.39
CD	National Bank of NY	634116CA3	WMS	06-18-14	06-18-18	No Call	\$ 248,000.00	1.300%	\$ 248,000.00	\$ 247,901.67	\$ (98)	1.300%	\$ 273.82
CD	Capital Bank FI Miami	139800CC8	WMS	05-27-15	05-29-18	No Call	\$ -	1.100%	\$ -	\$ -	\$ -	1.100%	\$ 216.75
CD	Capital One NA	14042RAG6	WMS	09-30-15	10-01-18	No Call	\$ 248,000.00	1.650%	\$ 248,000.00	\$ 247,607.99	\$ (392)	1.650%	\$ 347.54
CD	Capital One Bank USA NA	140420VZ0	WMS	09-30-15	10-01-18	No Call	\$ 248,000.00	1.650%	\$ 248,000.00	\$ 247,607.99	\$ (392)	1.650%	\$ 347.54
CD	Wells Fargo Bank NA	9497482W6	WMS	12-02-15	12-03-18	No Call	\$ 245,000.00	1.450%	\$ 245,000.00	\$ 243,933.44	\$ (1,067)	1.450%	\$ 301.72
CD	Goldman Sachs Bank USA	38148PUV7	WMS	12-20-17	12-20-22	No Call	\$ 248,000.00	2.500%	\$ 248,000.00	\$ 248,000.00	\$ -	2.500%	\$ 526.58
Total Actively Invested Funds							\$ 14,981,000.00		\$ 15,081,902.00	\$ 14,738,485.59	\$ (343,416)	1.690%	\$ 20,005.81
Total Local Agency Investment Fund									\$ 23,420,574.87			1.760%	\$ 35,008.95
Total CalTRUST Investment Fund									\$ 2,181,681.36			1.960%	\$ 3,631.75
Total Invested Cash							\$ 14,981,000.00		\$ 40,684,158.23			1.745%	\$ 58,646.51

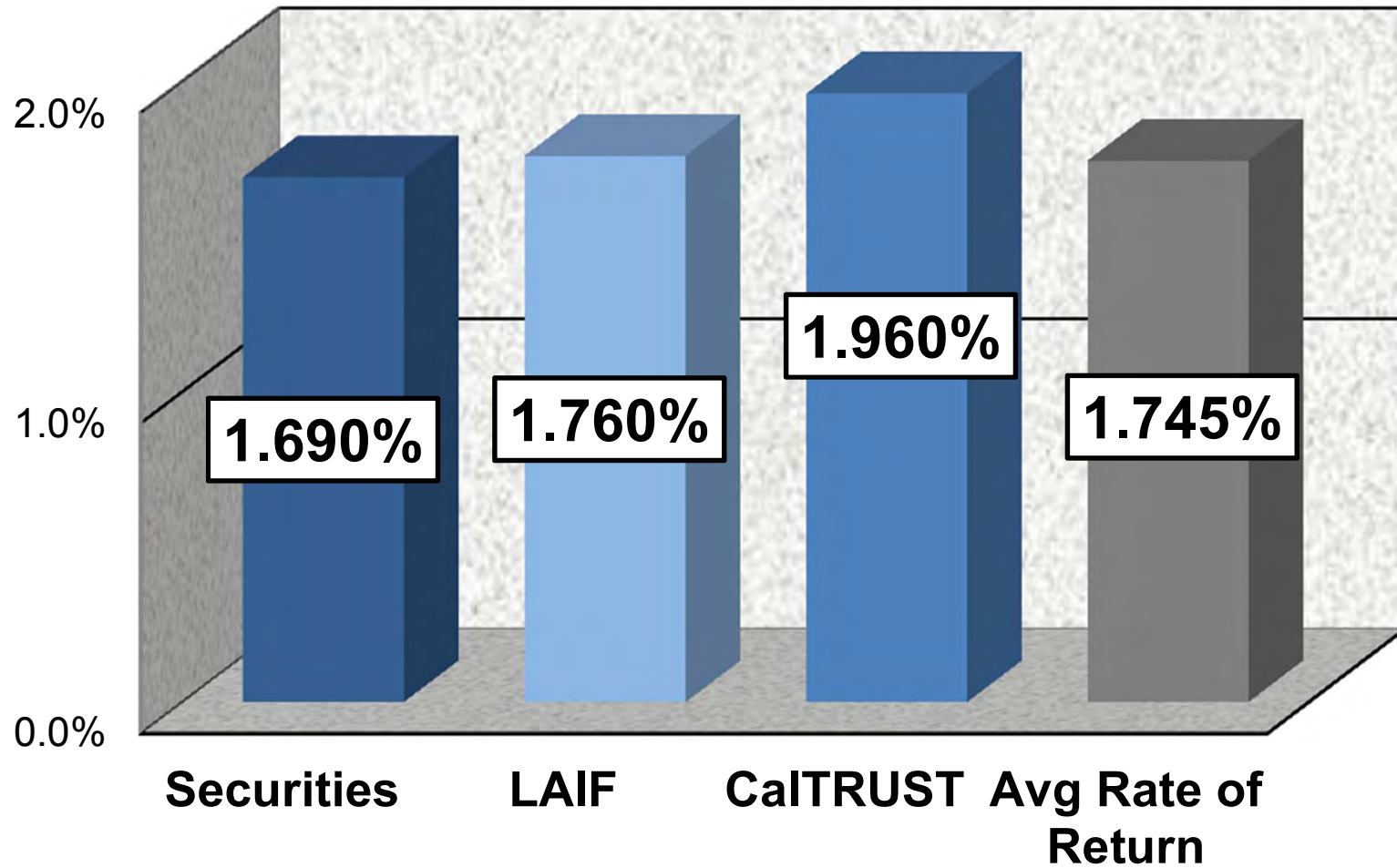
Key to Security Type:

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
AEC	= American Express Centurion

Key to Dealers:

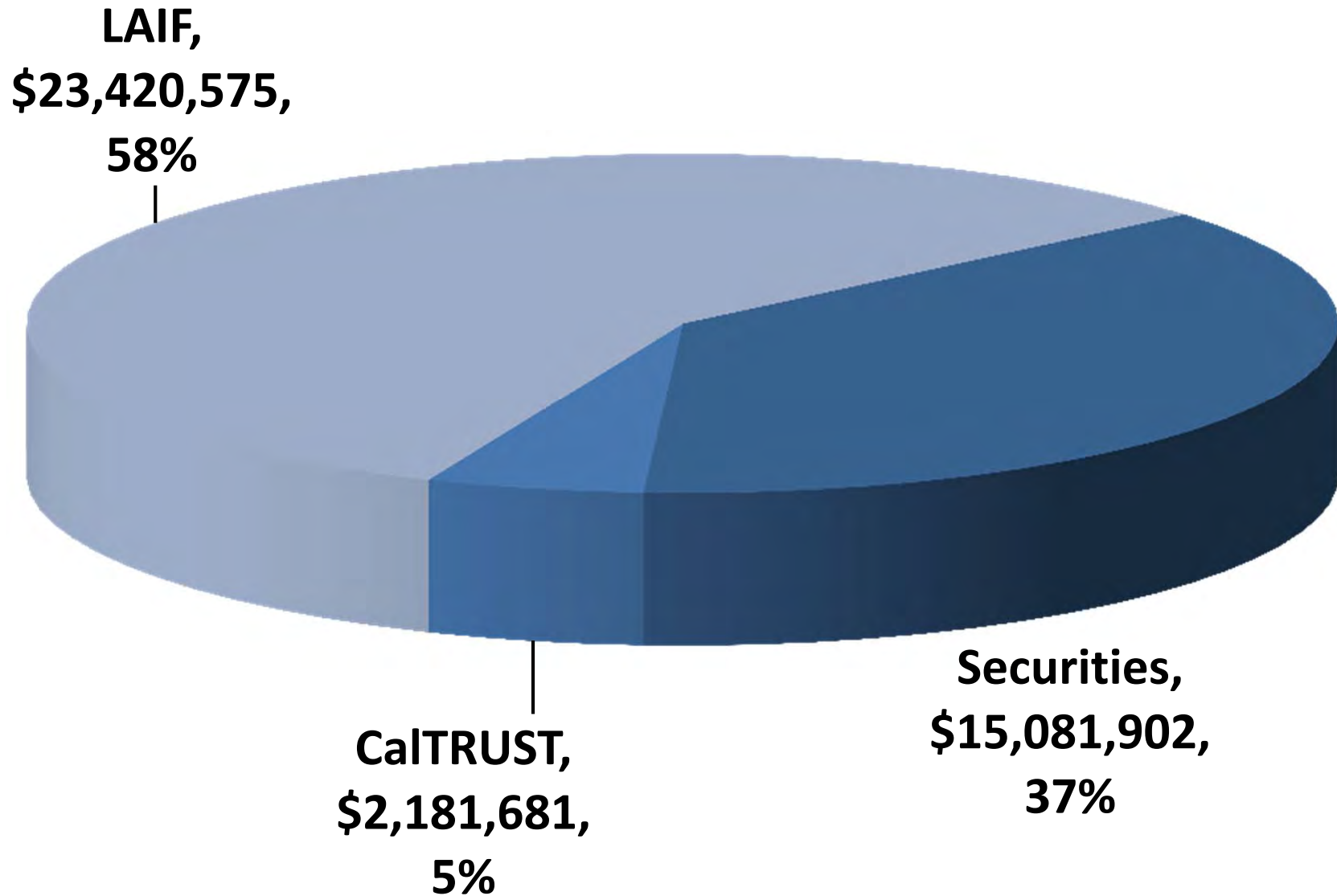
FCS	= FinaCorp Securities
MBS	= Multi-Bank Securities
MS	= Mutual Securities
RCB	= RBC Dain Rauscher
SA	= Securities America
TVI	= Time Value Investments
WMS	= Wedbush Morgan Securities

Interest Rate Analysis

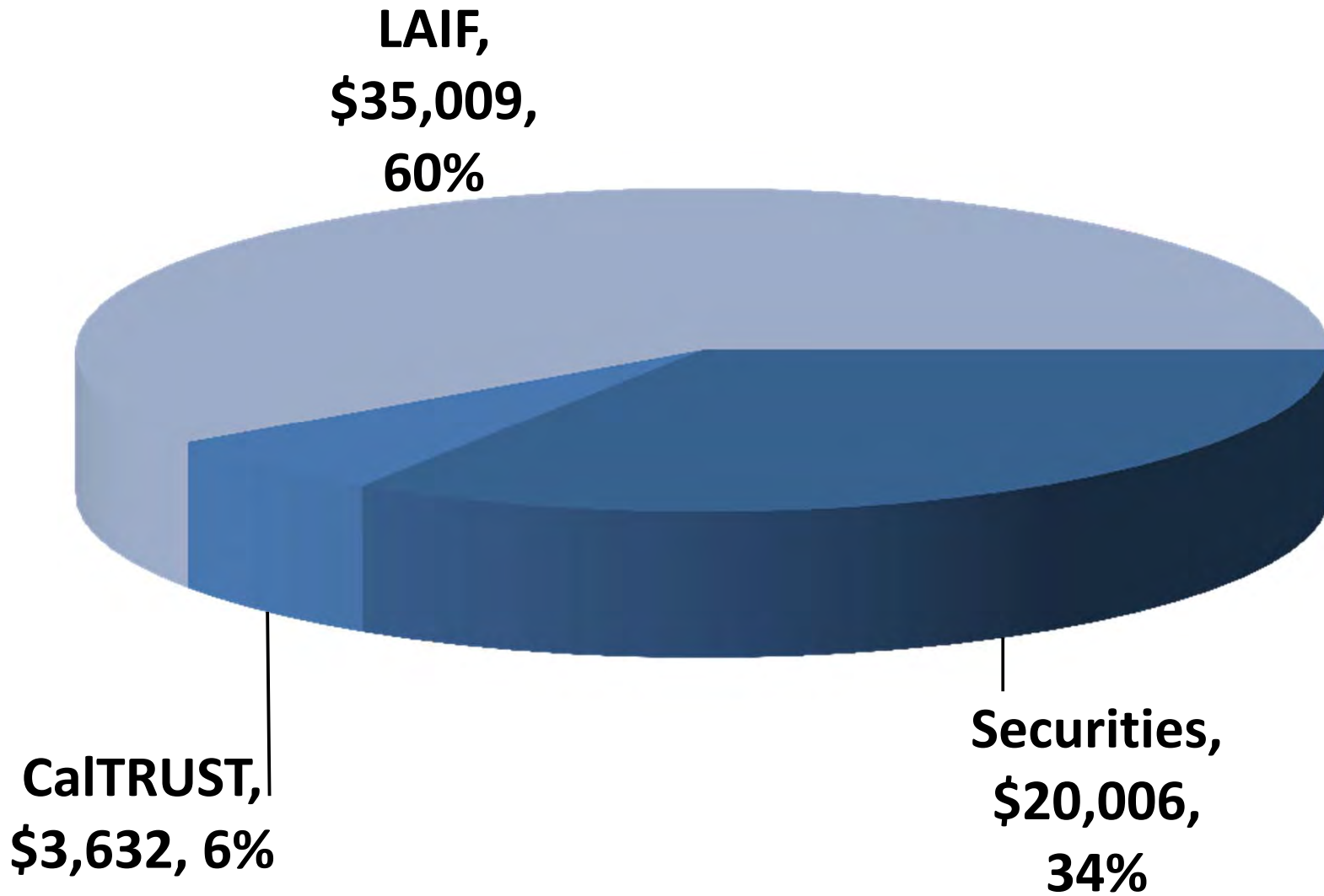


Investments

\$40,684,158



Interest \$58,647



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COMMISSION MEMORANDUM NO. 2018.68

DATE: July 17, 2018
TO: SAWPA Commission
SUBJECT: OWOW Program Update
PREPARED BY: Mike Antos, Senior Watershed Manager

RECOMMENDATION

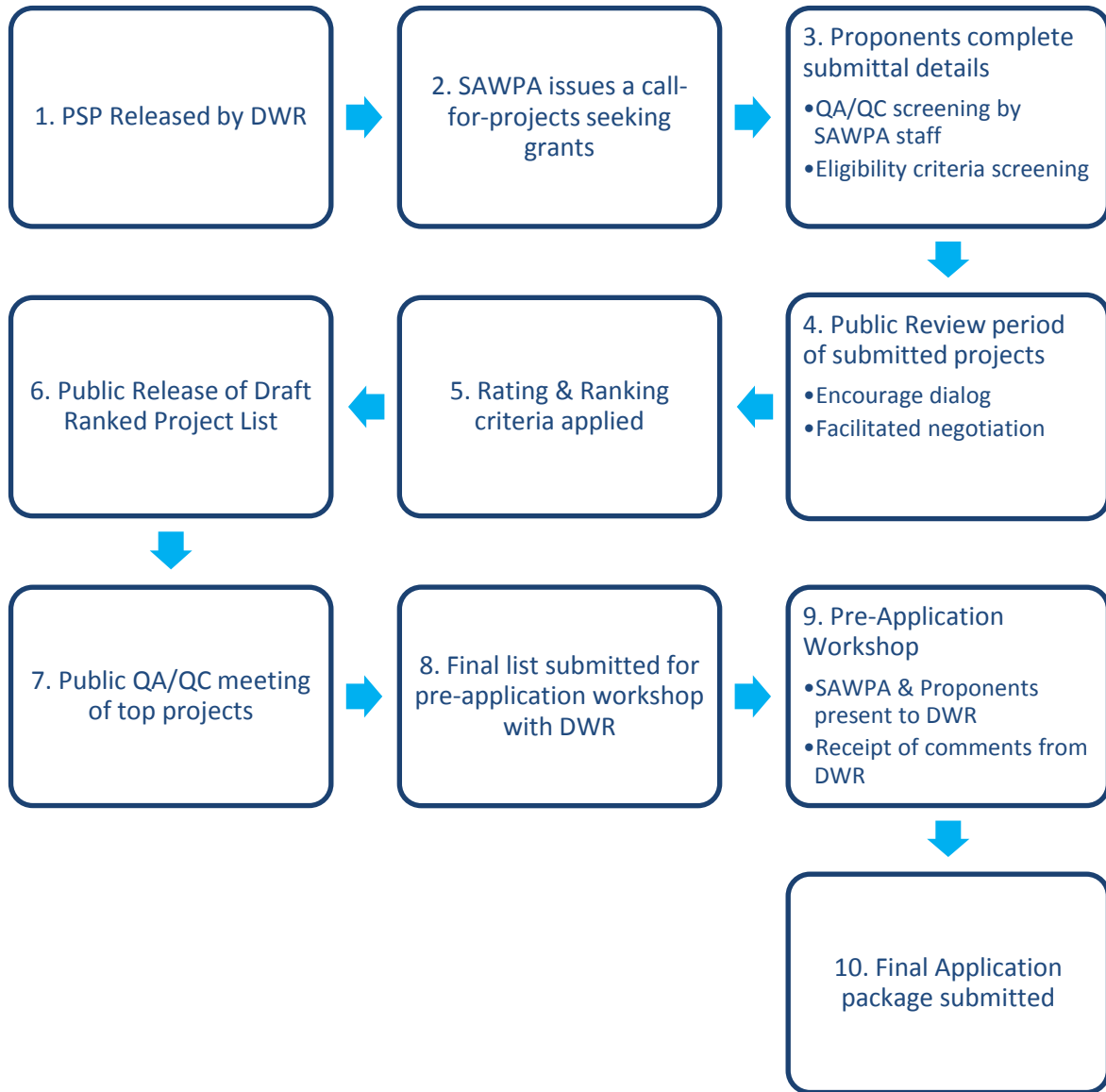
It is recommended that the SAWPA Commission receive and file this presentation about the status of the OWOW Program, inclusive of the OWOW Plan Update 2018, the Proposition 1 IRWM Implementation Grants, and the Disadvantaged Communities Involvement Program

DISCUSSION

Three efforts within the OWOW Program are making important strides towards their goals. Below is a discussion of the status in each of the three efforts.

1. The OWOW Plan Update 2018 effort, supported in-part by a planning grant from Department of Water Resources, remains on-track to be complete and ready for approvals at the end of 2018. In the past two months the ten Pillar workgroups submitted ten topical chapters, each focused on one aspect of water resources management in the watershed. The “non-pillar” chapters of the OWOW Plan have been updated by SAWPA staff and the consultant team from Dudek. In the coming two months an administrative draft of the OWOW Plan Update 2018 will be constructed by Dudek with supervision by SAWPA, and then released for a public comment period in August. Once comments are received and incorporated, a final draft will be constructed and formatted, ready for approvals by OWOW Steering Committee in November, and the SAWPA Commission in December.
2. The Proposition 1 IRWM Implementation grants remain a future item, as DWR has again extended its timeline. DWR is pursuing some different policies on Prop 1 than it did on Prop 84, and the changes are increasing the time needed to issue the Project Solicitation Package (PSP). A draft of the PSP is expected to be released in September.

To prepare the region for these grants, SAWPA staff is facilitating work by the stakeholders, the Pillar Chairs, and the OWOW Steering Committee to develop and finalize eligibility and rating & ranking criteria for projects that wish to compete for the grants. See the figure below for the sequence of actions expected to support development of a suite of projects to be proposed for grant funding. This sequence is a refinement of what worked for OWOW 2.0 Plan.



3. The Disadvantaged Communities Involvement Program is nearing the completion of most Program Element 1: Strengths & Needs Assessment engagement activities, the summer will involve data analysis and report writing, with the final report expected in the Fall. Program Element 2: Engagement/Education will be ramping up with trainings, workshops and public meetings. Ongoing is the Community Water Internship program, and underway is the Trust the Tap campaign. Program Element 3: Project Development also will be underway this summer.

CRITICAL SUCCESS FACTORS

1. Continued support from SAWPA commission of OWOW Steering Committee's decision-making authority as a means of ensuring trust, transparency, and external communications.
2. Active participation of a diverse group of stakeholders representing counties, cities, and water districts, as well as the private sector and the regulatory, environmental, and environmental justice communities who integrate the different interests in the watershed beyond political boundaries. Ensuring all perspectives are heard and valued.
3. Distribution of benefits from the implementation of all integrated water resources management activities across the watershed in a fair and equitable fashion. Recognition that upstream conditions affect downstream water quality and quantity.
4. OWOW criteria and values are transparent to watershed-wide stakeholders.
5. A strong reputation and sufficient capacity within SAWPA staff for strategic facilitation, planning, communication, leadership and community engagement.
6. Administration of the OWOW process and plan in a highly efficient and cost-effective manner.
7. Successful implementation of an integrated regional water resource plan that reflects the watershed management needs of the public and the environment.
8. Annual review the accomplishments and implementation performance of the plan with the Commission and the Steering Committee.
9. Data and information needed for decision-making is available to all.

RESOURCE IMPACTS

All activities described in this memo are part of previously approved budgets.

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COMMISSION MEMORANDUM NO. 2018.69

DATE: July 17, 2018
TO: SAWPA Commission
SUBJECT: WECAN Program Change Order with Ecotech Services, Inc.
PREPARED BY: Mike Antos, Senior Watershed Manager

RECOMMENDATION

It is recommended that the SAWPA Commission authorize the General Manager to execute Change Order No. 3 to Task Order No. ECOT397-01 with Ecotech Services, Inc. for an amount not-to-exceed \$80,000 to add 16,000 square feet of turf removal to the scope.

DISCUSSION

The Water-Energy Community Action Network Program is funded by a grant from Department of Water Resources, and local match contributions from partner agencies. Because WECAN is nearing completion, it is clear there will be grant funds not otherwise spent. The grant has unallocated resources because when DWR reviewed the initial proposal, they removed some aspects of the proposed work without also removing the total grant requested. It has become clear that sufficient grant dollars exist to support additional work in several aspects of the program.

In West Valley Water District, which is one of our four local partners for the turf removal component of the WECAN Program, many more customers registered than were originally budgeted for in the program. There is an opportunity to support an additional 16,000 square feet of turf removal in the WVWD service area, and because this work can be wholly funded by grant dollars, it will not require additional local match.

Augmenting the scope and budget of Ecotech Services, Inc. will ensure maximal use of the available grant funding, provide additional benefits to the State through water and energy savings, and support additional low-income community members in the watershed.

The Change Order attached reflects an additional 16,000 square feet of turf removal, and an additional cost of \$80,000, payable upon receipt of appropriate invoices and documentation.

The underlying agreement with Ecotech Services, Inc. is valued at \$1,941,600, and with this augmentation will be valued at \$2,021,600.

The timeline of the program remains unchanged, with all work by Ecotech Services Inc. to be completed in October 2018.

CRITICAL SUCCESS FACTORS

- Roundtable 2. Goals, scope, costs, resources, timelines, and the contract term are approved by the Commission before executing an agreement to participate in a roundtable group.

RESOURCE IMPACTS

The added scope will be entirely funded by the WECAN grant from Department of Water Resources

Attachment:

1. Change Order No. 3 to Task Order No. ECOT397-01



SANTA ANA WATERSHED PROJECT AUTHORITY
CHANGE ORDER NO. 3 to
Task Order No. ECOT397-01

CONSULTANT: EcoTech Services, Inc. **VENDOR NO.** 2097
 2143 Myrtle Avenue
 Monrovia, CA 91016

PROJECT: Water-Energy Community Action Network

COST: \$80,000.00

REQUESTED BY: Mike Antos, Sr. Watershed Manager July 17, 2018

FINANCING SOURCE: Acct. Coding: 397ADMIN-6112-01
 Acct. Description: General Consulting

COMMISSION AUTHORIZATION REQUIRED FOR THIS CHANGE: YES (X) NO ()
 Authorization: July 17, 2018; CM#2018.69

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

DESCRIPTION / JUSTIFICATION OF CHANGE: This change order is to add 16,000 additional square feet of turf removal within the West Valley Water District service area at a billable rate of \$5/square foot, following program invoicing guidelines.

CHANGE IN CONTRACT TIME: N/A

CHANGE IN TASK ORDER PRICE:	Original Task Order Amount:	\$1,300,000.00
	Change Order No. 1 Amount:	\$ 2,000.00
	Change Order No. 2 Amount:	\$ 0 (term)
	Change Order No. 3 Amount:	\$ <u>80,000.00</u>
	Amended Contract Total:	\$1,382,000.00

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

 Richard E. Haller, General Manager Date

ECOTECH SERVICES, INC.

 (Signature) Date Type/Print Name and Title

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COMMISSION MEMORANDUM NO. 2018.70

DATE: July 17, 2018
TO: SAWPA Commission
SUBJECT: Technical and Grant Writing Services
PREPARED BY: Mark Norton, Water Resources & Planning Manager

RECOMMENDATION

It is recommended that the Commission:

- 1) Receive and file 11 Roundtable and OWOW outreach brochures.
- 2) Authorize transfer of \$120,288.00 from labor and \$52,565.86 from benefits budgeted for a full-time staff position for FYE 2019 to technical/grant writing consultant support for the following funds (100, 370-01, 370-02, 373, 374, 384-01, 386, 387, 392).
- 3) Execute Task Order No. DUDK373-04 with Dudek in the amount of \$38,740 to provide additional technical writing services in support of the SAWPA Planning Department and the OWOW Plan Update 2018.

BACKGROUND

On December 19, 2017 the SAWPA Commission approved a list of six qualified consulting firms/individuals to provide Technical Writing Services and Grant Writing Services to SAWPA. These firms will be considered for consultant support services to support staff needs using funds that were included for in the FYE 2018 & 2019 budgets for this purpose, and to bring proposed consultant agreements back to the Commission for authorization and execution. In FY 2017-18, technical writing services were provided to SAWPA by two consulting firms, Dudek for the OWOW Plan Update 2018 and by Woodard & Curran for the OWOW and Roundtables outreach brochures. Grant writing services were provided to SAWPA by Blais & Associates. Additional technical and grant writing support was deemed essential for SAWPA to continue to meet its goals and objectives.

DISCUSSION

Continued technical writing services are needed to help support the completion of the OWOW Plan Update 2018 to ensure effective formatting and completion of the plan compliant with State standards. Additional outreach brochures are also being considered to reflect the successes, benefits and results of the SAWPA Roundtables as well as OWOW Prop 84 projects. Since the funding support is still needed in FYE 2019 and since the previously approved SAWPA FYE 2018 & 2019 Budget designated a technical/grant staff position instead of consulting services, formal Commission authorization is again needed to transfer budgeted staff funds over to consultant funding for FYE 2019 funding similar to the action taken by the SAWPA Commission took back in January of 2018 for FYE 2018. This would include transfer of all funding originally designated under labor and benefits for this function to consulting services for FYE 2019.

Technical writing support services are also needed to support SAWPA in finalizing the updating and formatting the OWOW Plan Update 2018 scheduled to be adopted this year. These tasks include continuance of support to SAWPA in the OWOW Pillar and Plan editorial process; preparation of a public review draft; preparation of an audit and QA/QC the OWOW Plan 2018 Update to ensure compliance with 2016 Standards and review criteria; production of a final formatted plan with graphics (cartography to be prepared by SAWPA); and providing feedback to SAWPA and receive feedback from SAWPA at regular intervals on deliverables produced. An additional task order may be considered in the future for the OWOW Plan Update 2018 to create an improved web-based accessibility tool for the OWOW Plan Update 2018 depending on transfer authorization and future staff evaluation.

CRITICAL SUCCESS FACTORS

OWOW

Active participation of a diverse group of stakeholders representing counties, cities, and water districts, as well as the private sector and the regulatory, environmental, and environmental justice communities who integrate the different interests in the watershed beyond political boundaries. Ensuring all perspectives are heard and valued.

A strong reputation and sufficient capacity within SAWPA staff for strategic facilitation, planning, communication, leadership and community engagement.

Annual review of the accomplishments and implementation performance of the plan with the Commission and the Steering Committee.

Data and information needed for decision-making is available to all.

Roundtables

Report and use results of roundtable's work, leverage information and involvement for the benefit of SAWPA, its members, and other stakeholders.

Adequate professional staff and resources to effectively provide facilitation, management, administrative and technical support to collaborative work efforts.

RESOURCE IMPACTS

All funding for this work has been included in the FYE 2019 Budget and authorization of the transfer of funding, labor and benefits, for the full-time staff position to consulting services will complete the necessary transaction to proceed with continued support.

Attachment:

1. Roundtable and OWOW Outreach brochures (11 total)
2. Task Order No. DUDK373-04

Who is SAWPA?

SAWPA is a Watershed Agency Focused on Regional Water Issues

Formed originally in 1968 as a planning agency, the Santa Ana Watershed Project Authority (SAWPA) was created to help resolve interagency conflicts and address regional water issues in the Santa Ana River watershed. SAWPA tackles issues related to water supply reliability, water quality improvement, recycled water, wastewater treatment, groundwater management, and brine disposal.

SAWPA's Role

SAWPA Administers Multi-Agency Task Forces

SAWPA serves as an administrator for several Task Forces within the watershed through meeting facilitation, contract service administration, and Task Force Agreement coordination. Through collaborative processes, SAWPA creates value by building relationships among regulators, SAWPA members, and regulated parties that allow for economies of scale, reduced costs, or increased benefits in addressing water related issues; provides regional capacity and neutral venue for supporting multi-agency forum(s) to address the water resources challenges in the Santa Ana River Watershed; and assists in the establishment and on-going facilitation of stakeholder processes to address watershed-specific issues.

SAWPA Supports its Member Agencies and Other Organizations with Water Planning

SAWPA is a Joint Powers Authority of five member agencies that supports water resources planning: Eastern Municipal Water District, Inland Empire Utilities Agency, Orange County Water District, San Bernardino Valley Municipal Water District, and Western Municipal Water District. SAWPA seeks to create and facilitate partnerships with and between organizations pursuing shared interests and overall watershed sustainability. Our regional leadership provides a model of collaboration and cooperation utilizing integrated solutions. SAWPA's Mission is to:

- Facilitate communication
- Identify emerging opportunities
- Develop regional plans
- Secure funding
- Implement programs
- Build projects
- Operate and maintain facilities

The **Basin Monitoring Program Task Force** is one of our success stories – additional information about SAWPA programs can be found at www.sawpa.org.

SAWPA Regional Planning Efforts

Middle Santa Ana River TMDL Task Force
Emerging Constituents Program Task Force
Imported Water Recharge Workgroup
Regional Water Quality Monitoring Task Force
One Water One Watershed Program
Santa Ana Sucker Conservation Team
Lake Elsinore and Canyon Lake TMDL Task Force
Forest First
WECAN
Arundo Habitat Management
Lake Elsinore & San Jacinto Watersheds Authority

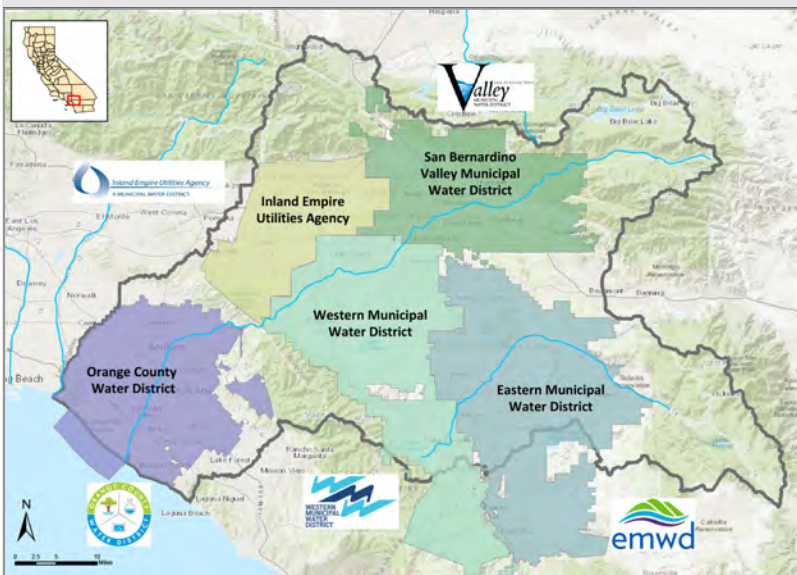


BASIN MONITORING PROGRAM TASK FORCE

The Basin Monitoring Program Task Force studies the effects of salinity and nitrogen on the long-term sustainability of groundwater supply.



SAWPA Member Agencies



What is the Task Force?

Basin Monitoring Program Task Force

The Task Force is a 20-agency collaborative effort organized by SAWPA. It was formed in 2004 to address water quality issues in the Santa Ana River Watershed. The Task Force monitors total dissolved solids and nitrate-nitrogen concentrations triennially in groundwater basins and annually in the Santa Ana River. Every 5-10 years, the Task Force conducts a wasteload allocation report for these same parameters for the Santa Ana River that provides guidance to the Regional Board in establishing discharge permits for water recycling plants along the river.

What are the goals of the Task Force?

Monitor Salinity and Nitrogen

- Monitors water quality (TDS and Nitrogen) in surface water and groundwater to determine if standards are being met
- Assesses if assimilative capacity, the ability of the groundwater basin to absorb additional pollutants without violating water quality standards, exists in groundwater basin
- Advises on the development of regional regulations and permitting approaches in response to drought impacts

The map below depicts TDS and Nitrogen objectives for groundwater quality. Santa Ana River Reaches 2, 4, and 5 are assessed annually for surface water quality. Watershed-wide groundwater and ambient water quality updates are conducted triennially.

Learn More and Contact Information

For the latest information on the Basin Monitoring Program Task Force, please visit:



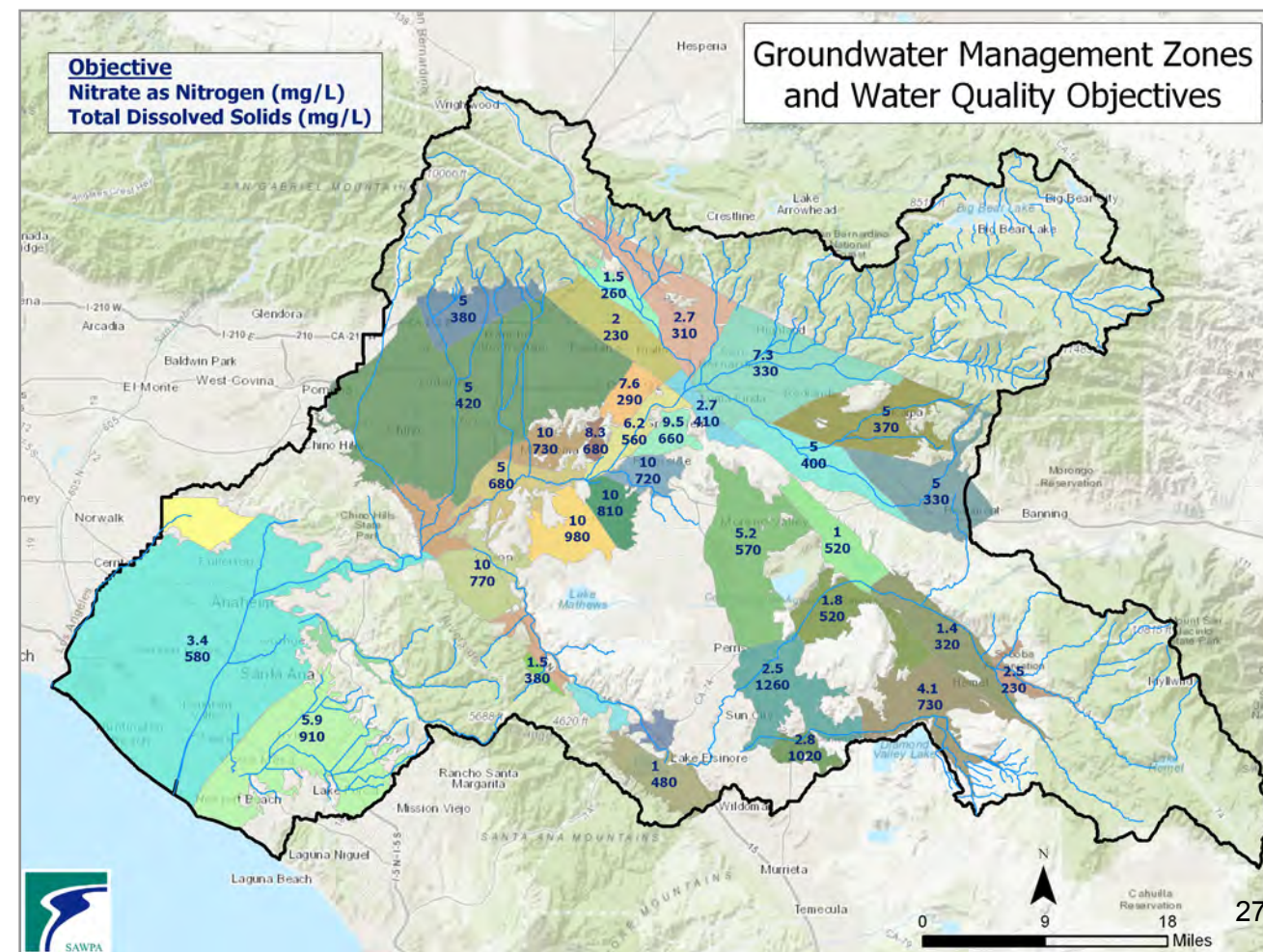
www.sawpa.org/task-forces/basin-monitoring-task-force/



www.CAWaterLibrary.net



Contact Mark Norton at mnorton@sawpa.org



12
ANNUAL REPORTS OF SANTA ANA RIVER WATER QUALITY

5
AMBIENT GROUND-WATER QUALITY UPDATES

2
WASTELOAD ALLOCATION MODEL (WLAM) UPDATES

4
BASIN PLAN AMENDMENTS

0
LITIGATION

Who is the Task Force?

Collaboration in Place of New Regulation

20 Stakeholders Working Together

The Task Force, administered by SAWPA, brings together a large collection of key watershed stakeholders – **key wastewater agencies** and the **Santa Ana Regional Water Quality Control Board** – for the shared purpose of improving water quality across the Santa Ana River Watershed.

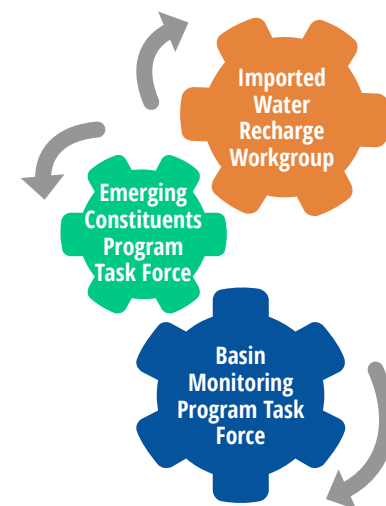
Stakeholders

- Beaumont-Cherry Valley Water District (WD)
- City of Banning
- City of Beaumont
- City of Corona
- City of Redlands
- City of Rialto
- City of Riverside
- Chino Basin Watermaster
- Colton/San Bernardino Regional Wastewater Reclamation
- Eastern Municipal WD
- Elsinore Valley Municipal WD
- Inland Empire Utilities Agency
- Irvine Ranch WD
- Temescal Valley WD
- Orange County WD
- San Bernardino Valley Municipal WD
- San Geronio Pass Water Agency
- Santa Ana Regional Water Quality Control Board
- West Riverside County Regional Wastewater Authority
- Yucaipa Valley WD
- Jurupa Community Services District

Key Tasks: Implements Watershed Water Quality Monitoring Program

These tasks provide Task Force members and regulators with the most current information on water quality in the groundwater underlying the region. This information will help guide future planning efforts in the watershed.

- Develop annual Santa Ana River **Water Quality Reports** that assess the effectiveness of wasteload allocations
- Produce triennial Ambient **Water Quality Updates** that determine assimilative capacity of a groundwater basin
- Develop and update the **Wasteload Allocation Model (WLAM)** to provide guidance on wastewater treatment plant discharge permits
- Conduct additional cooperative water quality studies, as necessary, to evaluate salt and nitrate trends



These three Task Forces work together to ensure water quality is monitored and protected. The Basin Monitoring Program focuses on surface and groundwater quality monitoring.

Successes to Date

Key Outcomes: Reduce Conflicts and Work Together



RELATIONSHIP BUILDING WITH 20 STAKEHOLDERS

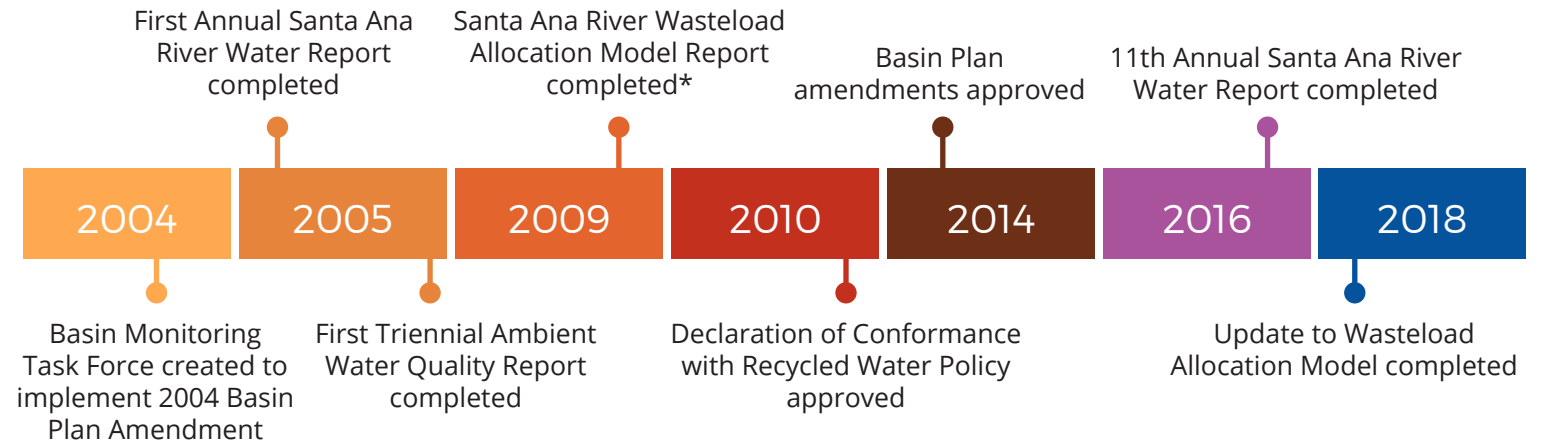
Over the last 15 years, the Task Force has been able to **reduce conflict and improve efficiencies** in water and wastewater operations through joint salinity control studies and implementation.



COST SAVINGS THROUGH COLLABORATION

Regional support in reducing regulatory compliance for 20 agencies and **avoiding up to \$100 million** in additional wastewater treatment plant desalting costs.

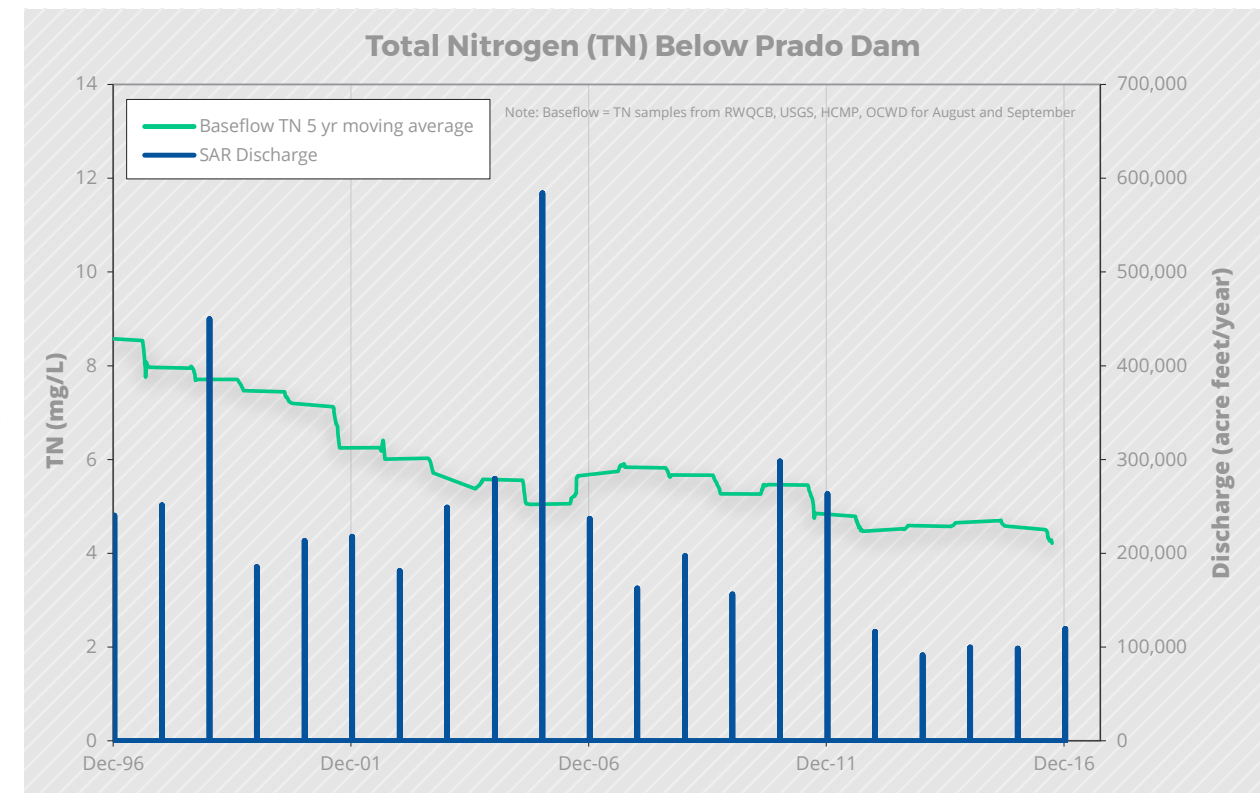
Milestones Since Inception



*Initial report for the Wasteload Allocation Model Report was completed in 2009 for scenarios 1-6. Scenario 7 required additional analysis completed in 2009 and Scenario 8 was completed in 2012.

Santa Ana River Water Quality Reports have been completed annually since 2005 and Ambient Water Quality Updates were completed in 2005, 2008, 2011, 2014, and 2017.

Over a 20 year period, the concentration of Total Nitrogen in Santa Ana River discharge has steadily declined in Reach 2 of the Santa Ana River (below Prado Dam). This is critical to protecting water quality in the Orange County Groundwater Basin.



Who is SAWPA?

SAWPA is a Watershed Agency Focused on Regional Water Issues

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SAWPA's Role

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SAWPA Supports its Member Agencies and Other Organizations with Water Planning

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- Facilitate communication
- Identify emerging opportunities
- Develop regional plans
- Secure funding
- Implement programs
- Build projects
- Operate and maintain facilities

The **Emerging Constituents Program Task Force** is one of our success stories – additional information about SAWPA programs can be found at www.sawpa.org.

SAWPA Regional Planning Efforts

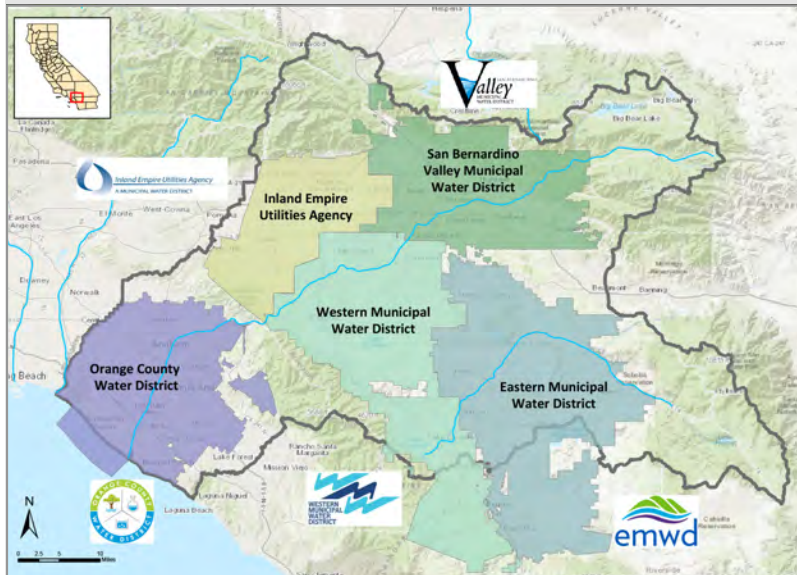
Middle Santa Ana River TMDL Task Force
Basin Monitoring Program Task Force
Imported Water Recharge Workgroup
Regional Water Quality Monitoring Task Force
One Water One Watershed Program
Santa Ana Sucker Conservation Team
Lake Elsinore and Canyon Lake TMDL Task Force
Forest First
WECAN
Arundo Habitat Management
Lake Elsinore & San Jacinto Watersheds Authority



EMERGING CONSTITUENTS PROGRAM TASK FORCE

The Emerging Constituents Program Task Force evaluates emerging constituents and builds awareness of the safety of recycled and imported water.

SAWPA Member Agencies



Learn More and Contact Information

For the latest information on the Emerging Constituents Task Force, please visit:



www.sawpa.org/task-forces/emerging-constituents-workgroup



www.CAWaterLibrary.net



Contact Mark Norton at mnorton@sawpa.org



www.facebook.com/YourSoCalTapWater/



[@SoCalTapWater](https://twitter.com/SoCalTapWater)



www.YourSoCalTapWater.org

What is the Task Force?

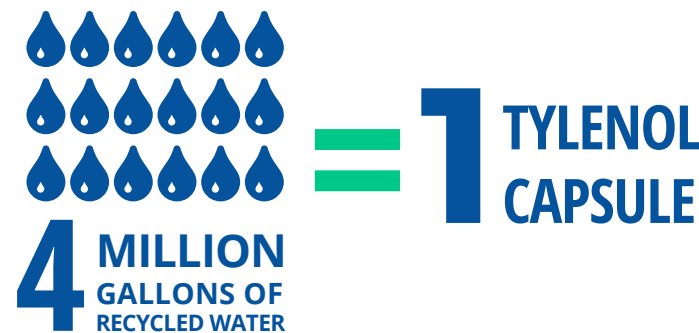
Emerging Constituents Program Task Force

The Task Force is a 21-agency collaborative effort organized by SAWPA. This voluntary program was created in 2008 to oversee and investigate emerging constituents (ECs). "Emerging Constituents" are an array of pharmaceuticals, pesticides, food additives, and other common household chemicals for which water quality standards have not yet been established. Dramatic improvements in technology enables us to detect chemicals at much lower concentrations in water supply sources. Tested sources include the Santa Ana River, imported water, and recycled water in order to ensure water safety.

What are the goals of the Task Force?

Assure Water Quality Protection Resulting From Imported Water Recharge

- Conducted regional evaluation of emerging constituents in drinking water sources
- Evaluated hundreds of Emerging Constituents to determine a short list of key EC indicators of water safety
- Created an EC characterization program; and
- Continues to educate the public about the safety of potable drinking water



Successes to Date

Key Outcomes: Cost Savings and Increased Awareness



OUTREACH BUILDS AWARENESS

The Task Force conducts an outreach program to inform and educate the public about the safety of tap water and build awareness of the health risks posed by ECs. Viewership of SAWPA's 'Your SoCal Tap Water' blog has **increased 30 fold since its launch.**



VOLUNTARY SAMPLING SAVES MONEY

Voluntary sampling is an alternative to new regulations for groundwater recharge, **saving the Task Force agencies \$100,000 per year** in reducing legal, staffing, and sampling costs. Through annual reporting, the Task Force was able to provide support and data to the State in a State list of four ECs for required monitoring.

4
ANNUAL EC SAMPLING REPORTS

1
STATE RECYCLED WATER POLICY

174%
INCREASE IN SOCIAL MEDIA VISITORS IN 2017

OVER 1,000
CHEMICAL ANALYSES PERFORMED

Who is the Task Force?

Collaboration in Place of New Regulation

21 Stakeholders Working Together

The Task Force, administered by SAWPA brings together a large collection of key watershed stakeholders – **key water recharging agencies and publicly owned treatment works** – for the shared purpose ensuring safe and clean water across the Santa Ana River Watershed.

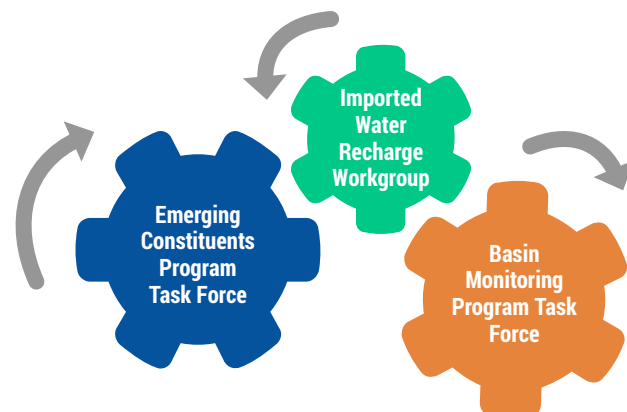
Stakeholders

- Chino Basin Watermaster
- City of Beaumont
- City of Corona
- City of Redlands
- City of Rialto
- City of Riverside
- Colton/San Bernardino Regional Tertiary Treatment and Wastewater Reclamation
- Eastern Municipal Water District
- Elsinore Valley Municipal Water District
- Inland Empire Utilities Agency
- Irvine Ranch Water District
- Jurupa Community Services District
- Temescal Valley Water District
- Metropolitan Water District of Southern California
- Orange County Water District
- San Bernardino Valley Municipal Water District
- San Geronimo Pass Water Agency
- Santa Ana Regional Water Quality Control Board
- Santa Ana Watershed Project Authority
- West Riverside County Regional Wastewater Authority
- Western Municipal Water District
- Yucaipa Valley Water District

Key Tasks

The Task Force conducted annual monitoring and evaluated EC's in two phases:

Phase 1: Investigate	Phase 2: Identify
<ul style="list-style-type: none"> • Define the purpose of an EC investigation program • Review lessons learned from existing EC monitoring programs • Identify potential regulatory issues that may arise from collecting and publishing EC data 	<ul style="list-style-type: none"> • Identify which ECs to investigate through ongoing EC characterization studies and determine how sampling should be conducted • Identify common concerns and create unified regional messaging around ECs • (Conducted by the Public Relations Committee, a subcommittee of the Task Force)



These three Task Forces work together to ensure water quality is monitored and protected. The Emerging Constituents Program Task Force focuses on ECs in water sources of recycled water supplies the Santa Ana River Watershed.

Summary of Results

15 Compounds Analyzed in 2010-2013

Compound	Category	Frequency of Detection	Reported Range	Common Dose
Acetaminophen	Analgesic	12% (3 of 26)	ND – 0.000030 mg/L	500 mg
Bisphenol A (BPA)	Plastic Coating	12% (3 of 26)	ND – 0.000045 mg/L	N/A
Caffeine	Food Additive	42% (11 of 26)	ND – 0.000407 mg/L	100 mg
Carbamazepine	Anti-Convulsant	88% (23 of 26)	ND – 0.000390 mg/L	200 mg
DEET	Insecticide	81% (21 of 26)	ND – 0.000270 mg/L	270 mg
Diuron6	Herbicide	81% (21 of 26)	ND – 0.000220 mg/L	N/A
17α Ethinyl Estradiol	Synthetic Hormone	0% (0 of 26)	Never Detected	1 mg
17β Estradiol	Natural Hormone	0% (0 of 26)	Never Detected	1 mg
Gemfibrozil	Anti-cholesterol	31% (8 of 26)	ND – 0.002000 mg/L	600 mg
Ibuprofen	Analgesic	46% (12 of 26)	ND – 0.000110 mg/L	300 mg
Naproxen	Analgesic	23% (6 of 26)	ND – 0.000140 mg/L	200 mg
Sucralose	Artificial Sweetener	100% (26 of 26)	0.000670 - 0.100000 mg/L	5,000 mg
Sulfamethoxazole	Antibiotic	69% (18 of 26)	ND – 0.002900 mg/L	800 mg
TCEP7	Flame Retardant	92% (24 of 26)	ND – 0.000930 mg/L	N/A
Triclosan	Antiseptic	58% (15 of 26)	ND – 0.001000 mg/L	1 mg

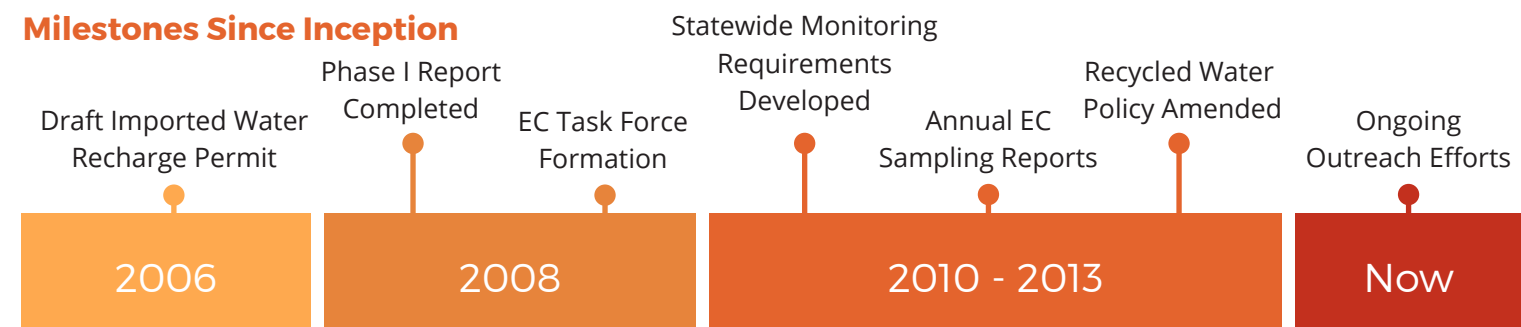
The Annual EC Sampling Reports concluded that EC concentrations detected at many sampling sites were extremely low. Detected levels were found to be so low that it would take millions of gallons of water for a trace contaminants to be equivalent to 1 common dose. A common dose is the amount of the chemical that would be ingested deliberately (for example by drinking coffee or taking a headache pill), not the dose that would occur incidentally by drinking recycled water. Samples were collected from 20 wastewater treatment plants operating in the Santa Ana River Watershed, two locations along the Santa Ana River, one location in the State Water Project aqueduct, and one location in the Colorado River Aqueduct.

Your SoCal Tap Water Outreach Campaigns



SAWPA's 'Your So Cal Tap Water' blog and other social media tools such as Facebook, Twitter and website links to blog are used to share information with the public about drinking water-related issues and safety of potable water.

Milestones Since Inception



From 2010 to 2011, the Task Force assisted the State Board's Blue Ribbon Panel in developing the statewide EC monitoring requirements. In 2013, the State's Recycled Water Policy was amended to adopt these Blue Ribbon Panel recommendations. With the completion of the 2013 EC Sampling Report, the voluntary EC characterization study for the Santa Ana River region was concluded. Efforts to monitor for emerging constituents are now guided by the requirements set forth in the State's Recycled Water Policy. Outreach efforts surrounding ECs continue through awareness campaigns.

Who is SAWPA?

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SAWPA's Role

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- Facilitate communication
- Identify emerging opportunities
- Develop regional plans
- Secure funding
- Implement programs
- Build projects
- Operate and maintain facilities

The **Middle Santa Ana River Watershed TMDL Task Force** is one of our success stories – additional information about SAWPA programs can be found at www.sawpa.org.

SAWPA Regional Planning Efforts

Emerging Constituents Program Task Force
 Basin Monitoring Program Task Force
 Imported Water Recharge Workgroup
 Regional Water Quality Monitoring Task Force
 One Water One Watershed Program
 Santa Ana Sucker Conservation Team
 Lake Elsinore and Canyon Lake TMDL Task Force
 Forest First
 WECAN
 Arundo Habitat Management
 Lake Elsinore & San Jacinto Watersheds Authority

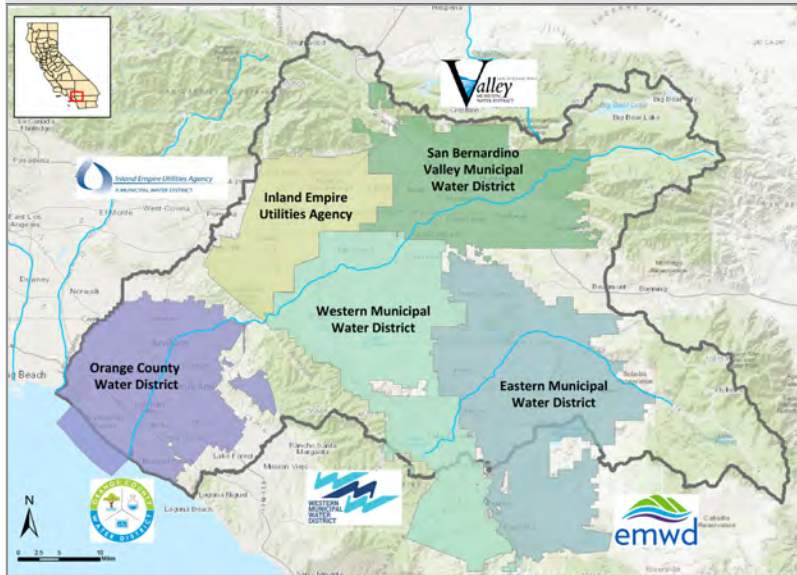


MIDDLE SANTA ANA RIVER WATERSHED TMDL TASK FORCE

The Middle Santa Ana River TMDL Task Force works on improving water quality by reducing bacterial concentrations in local waterbodies.



SAWPA Member Agencies



Learn More and Contact Information

For the latest information on the Middle Santa Ana River Watershed TMDL Task Force, please visit:



www.sawpa.org/task-forces/middle-santa-ana-river-watershed-tmdl-taskforce/



www.CAWaterLibrary.net



Contact Rick Whetsel at rwhetsel@sawpa.org

What is the Task Force?

Middle Santa Ana River (MSAR) Watershed Total Maximum Daily Load (TMDL) Task Force

The Task Force is an 18-agency collaborative effort organized by SAWPA. It was formed in January 2006 to coordinate water quality improvement activities related to bacteria in the Middle Santa Ana River Watershed. The activities were designed to manage or eliminate sources of bacterial indicators in local waterbodies.

What are the goals of the Task Force?

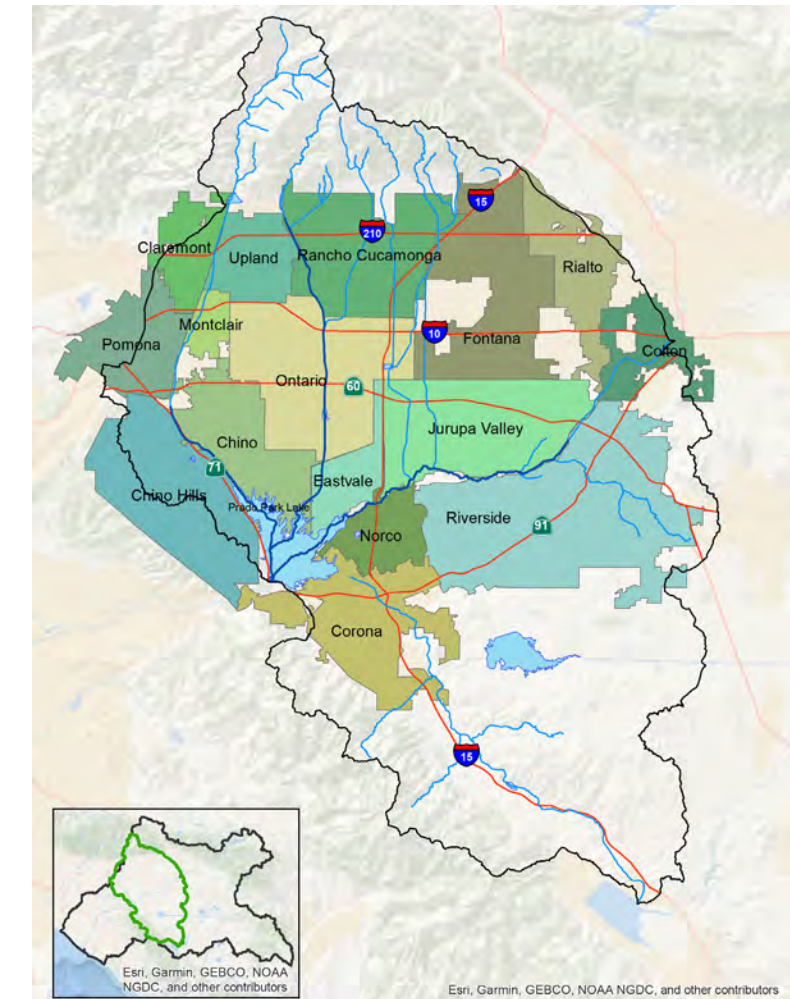
Address Water Quality Impairment

The Task Force supports on-going source investigation efforts to identify major sources of bacterial indicators and to understand how to best address them. Task Force resources are allocated on a risk-reduction priority basis in order to achieve compliance where it will provide the greatest improvement in public health.

The Task Force:

- Supports the implementation of activities included in the counties of San Bernardino's and Riverside's Comprehensive Bacteria Reduction Plans (CBRPs)
- Serves as a forum for the counties to report to the Santa Ana Regional Water Quality Control Board (RWQCB) about progress made on the CPRBs

Middle Santa Ana River Watershed



Successes to Date

Key Outcomes: Cost Savings and Water Quality Improvement



REDUCED BACTERIA LOADING TO THE SANTA ANA RIVER

More than **47% reduction in bacterial indicators** in the watershed through reduced bacteria loading to the River and its tributaries.



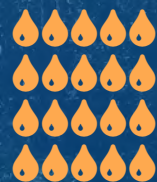
COST SAVINGS THROUGH JOINT PARTICIPATION IN ADDRESSING TMDL

Merging monitoring efforts has saved **tens of thousands of dollars** per year and innovative regional solutions have saved **2 billion in compliance costs.**

13
BEST
MANAGEMENT
PRACTICE
PROJECTS



Over
20
WATER
QUALITY
MONITORING
PROJECTS



12
YEARS
WORKING
TOGETHER
WITH
REGIONAL
BOARD



\$3.2*
MILLION
INVESTED



*This is only the funds coordinated through the Task Force and does NOT include the money invested by the cities and counties in their own jurisdictions.

Who is the Task Force?

Collaboration in Place of New Regulation

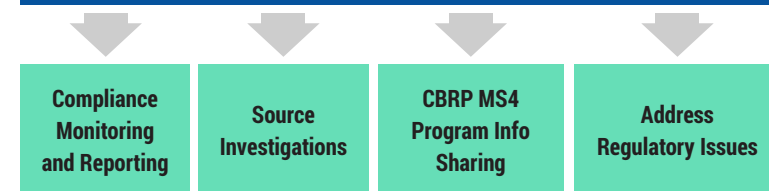
18 Stakeholders Working Together

The Task Force, administered by SAWPA brings together a large collection of key watershed stakeholders – urban stormwater discharges, agricultural/dairy operators, and the Santa Ana RWQCB – for the shared purpose of improving water quality of Middle Santa Ana River waterbodies.

Stakeholders

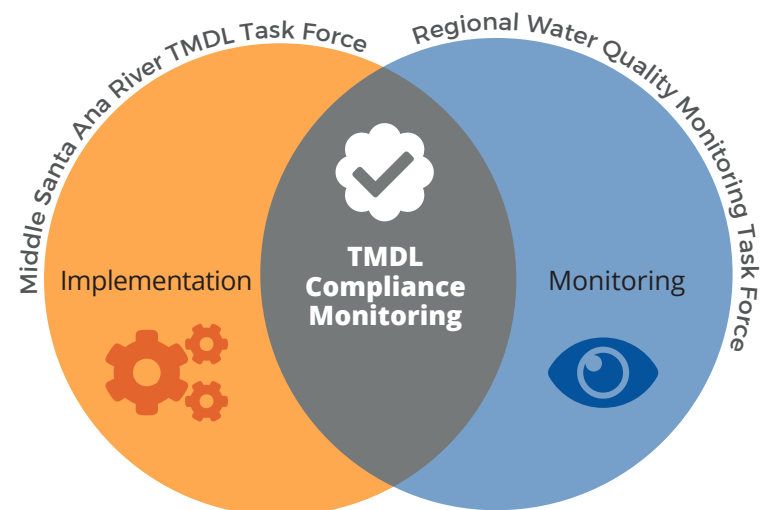
- City of Chino Hills
- City of Claremont
- City of Corona
- City of Eastvale
- City of Fontana
- City of Jurupa Valley
- City of Montclair
- City of Norco
- City of Ontario
- City of Pomona
- City of Rancho Cucamonga
- City of Rialto
- City of Riverside
- City of Upland
- County of Riverside
- San Bernardino Co. Flood Control
- Riverside County Flood Control and Water Conservation District
- Chino Basin Watermaster Agricultural Pool
- Santa Ana Regional Water Quality Control Board

MSAR TMDL Task Force Goals



Key TMDL tasks

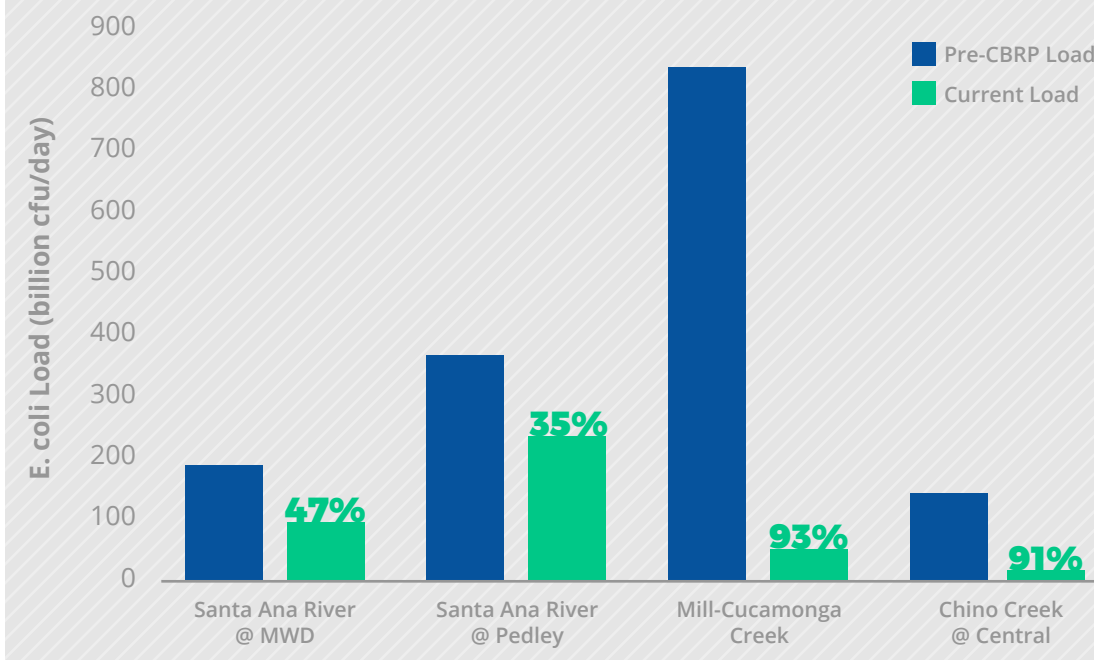
- Develop and Implement Monitoring Program
- Prepare Triennial TMDL Progress Report
- Develop and Implement Urban Source Evaluation Plan
- Riverside Co. – Revise/Update Comprehensive Bacteria Reduction Plan (CBRP) and Water Quality Management Plan (WQMP)
- San Bernardino Co. – Revise/Update CBRP and WQMP



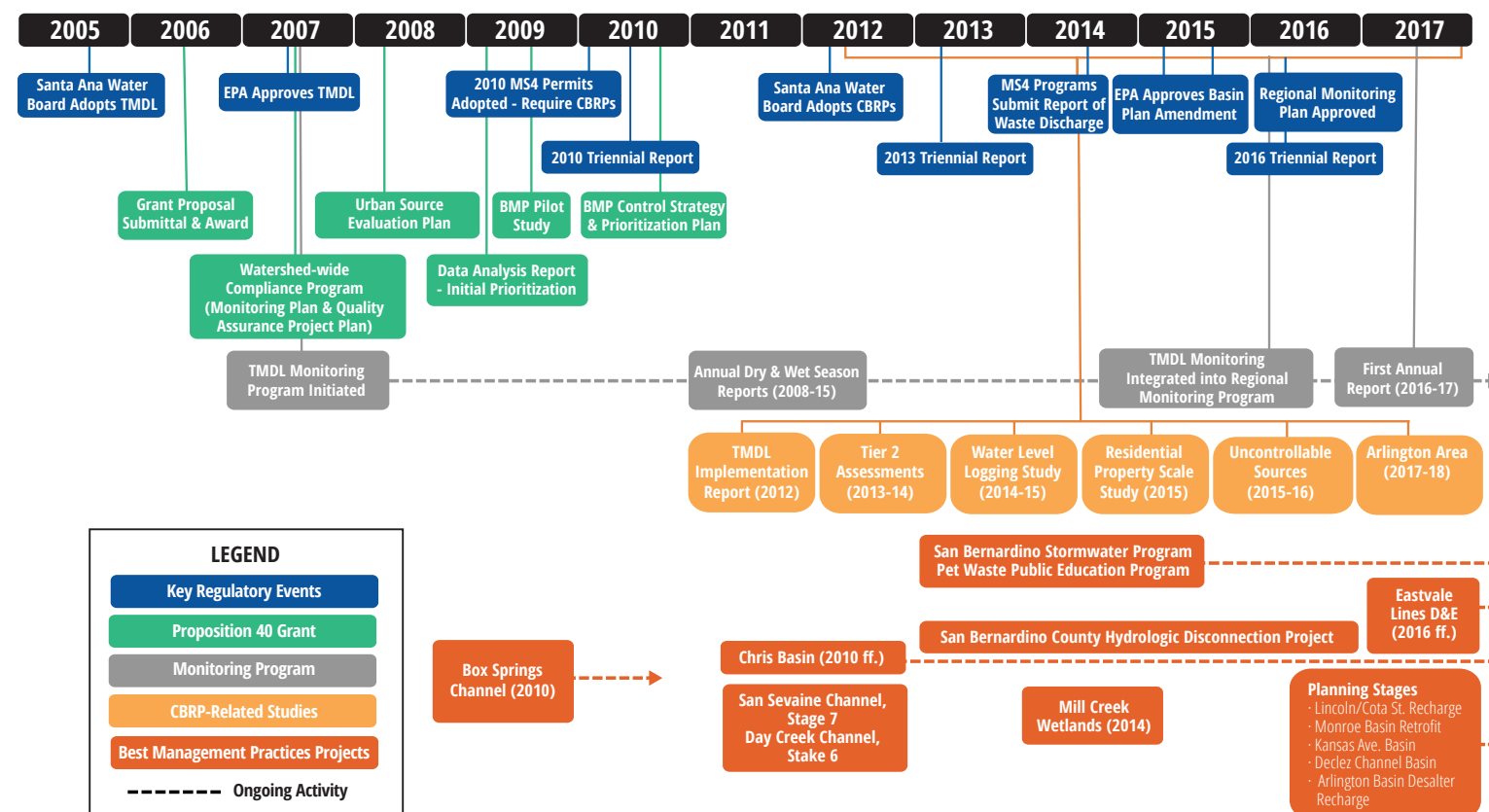
Task Force Accomplishments

Locations throughout the MSAR have seen drastic **reductions in bacteria loads**, with some no longer impaired since the implementation of the Task Force. Since the adoption of the Comprehensive Bacteria Reduction Plan (CBRPs) in 2012, monitoring locations have seen an average 66% reduction in fecal bacteria loads.

Percent reduction in Fecal Bacteria loads observed at compliance sites



Task Force Milestones



Since the formation of the Task Force in 2006, a significant number of milestones have been achieved. These milestones have been divided into the categories of Regulations, Proposition 40, Monitoring, Comprehensive Bacteria Reduction Plans, and Best Management Practice Projects.

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- Implement programs
- Build projects
- Operate and maintain facilities

The **Imported Water Recharge Workgroup** is one of our success stories – additional information about SAWPA programs can be found at www.sawpa.org.

SAWPA Regional Planning Efforts

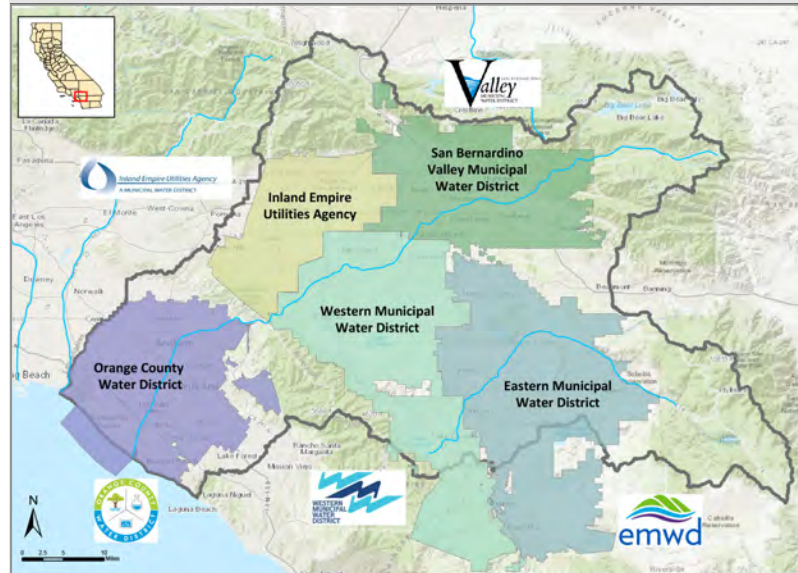
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Forest First
WECAN
Arundo Habitat Management
Lake Elsinore & San Jacinto Watersheds Authority



IMPORTED WATER RECHARGE WORKGROUP

The Imported Water Recharge Workgroup works with water supply agencies to assure groundwater quality is protected.

SAWPA Member Agencies



Learn More and Contact Information

For the latest information on the Imported Water Recharge Workgroup, please visit:



www.sawpa.org/task-forces/imported-water-recharge-workgroup/



www.CAWaterLibrary.net



Contact Mark Norton at mnorton@sawpa.org

What is the Workgroup?

Imported Water Recharge Workgroup

The Task Force is a 10-agency collaborative effort organized by SAWPA. Its purpose is to assure that groundwater quality is protected by managing Nitrogen and Total Dissolved Solids (TDS) in the Santa Ana River Basin. The Cooperative Agreement provides the data necessary to demonstrate that using imported water to recharge groundwater basins will not adversely affect water quality in the region. This is critical as the 514,000 acre-feet of water imported to the watershed provides about one-third of the region's annual water supply.

What are the goals of the Workgroup?

Assess and Protect Water Quality

- Assess salt loads and whether using imported water to recharge groundwater would exceed salinity objectives
- Report on the quality and quantity of imported water recharge every three years
- Prepare reports every six years which project changes in groundwater quality over the next 20 years
- Assess whether using imported water to recharge groundwater basins will consume or create assimilative capacity over time. Assimilative capacity is the the ability of the groundwater basin to absorb additional pollutants without violating water quality standards



The Imported Water Recharge Workgroup manages Nitrogen and TDS in the Santa Ana River Basin to protect groundwater quality.

10
TRIENNIAL
SUMMARY
REPORTS

2
AMBIENT
WATER
QUALITY
REPORTS

5
20-YEAR
MODELING
PROJECTION
REPORTS

Who is the Task Force?

Collaboration in Place of New Regulation

10 Stakeholders Working Together

The Workgroup, administered by SAWPA brings together a large collection of key watershed stakeholders – **key agencies using imported water for groundwater recharge** and the **Santa Ana Regional Water Quality Control Board** – for the shared purpose of improving water quality across the Santa Ana River Watershed.

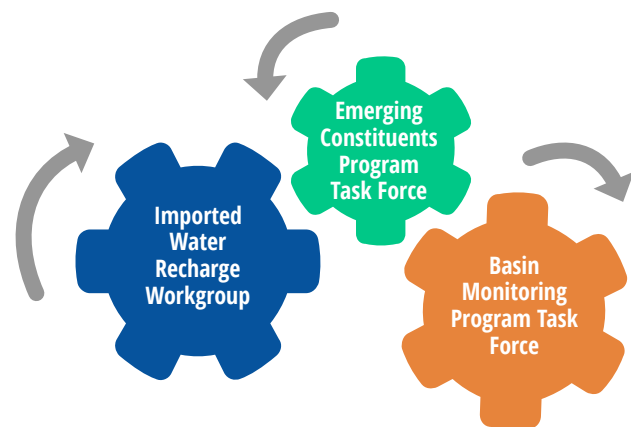
Stakeholders

- City of Corona
- City of Riverside
- City of San Bernardino Water Department
- Eastern Municipal Water District
- Elsinore Valley Municipal Water District
- Orange County Water District
- Santa Ana Regional Water Quality Control Board
- San Bernardino Valley Municipal Water District
- San Geronimo Pass Water Agency
- Western Municipal Water District

Key Tasks: Monitoring Water Quality

Under the cooperative agreement, parties have agreed to:

- Prepare a summary of the amount and quality of imported water recharged in each groundwater basin during the previous three-year period.
- Prepare a report at six-year intervals that provides a projection of ambient water quality in each groundwater basin for the subsequent 20 years.



These three Task Forces work together to ensure water quality is monitored and protected. The Imported Water Recharge Workgroup focuses on evaluating the salinity and nitrate levels of imported water that is recharged in the Santa Ana River Watershed.

Successes to Date

Key Outcomes: Streamlining Collaboration and Data Sharing



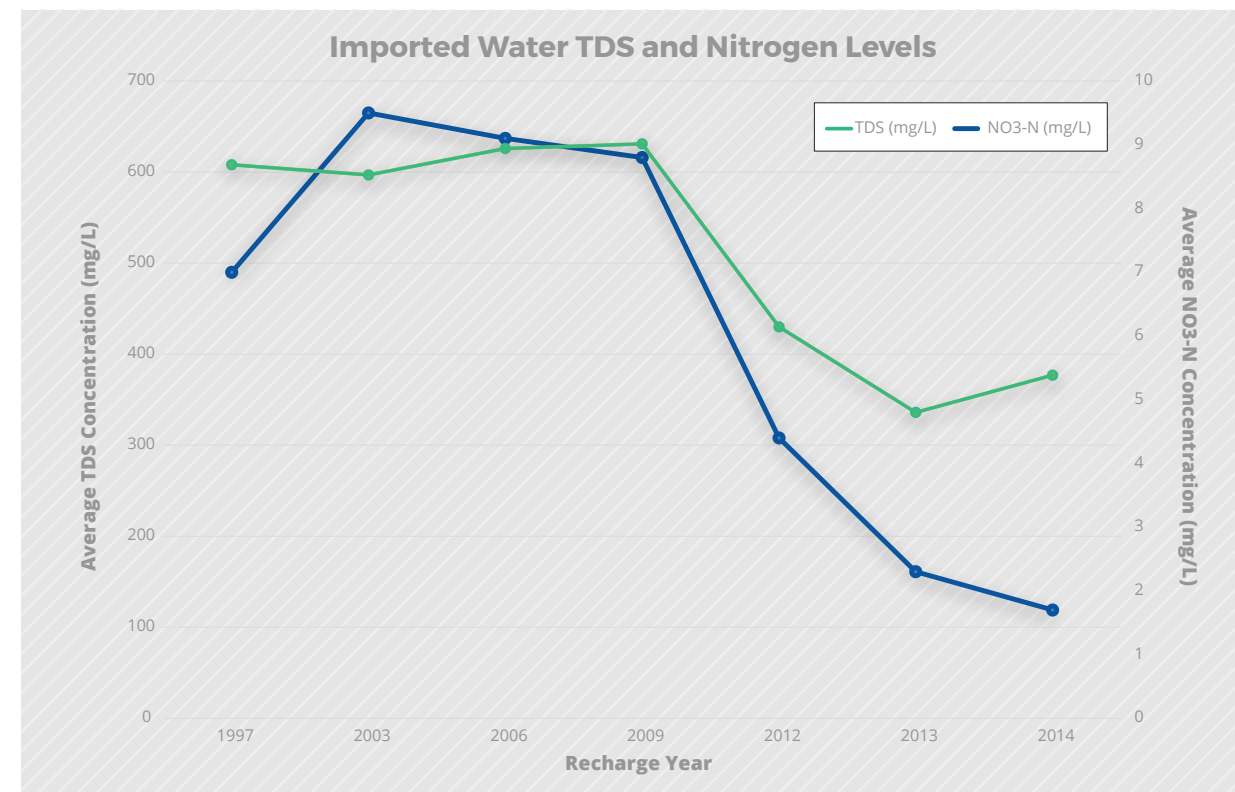
REDUCING ADDITIONAL REGULATIONS

Water quality monitoring activities performed by the Workgroup have **saved the agencies over \$100,000 each year** in reduced costs from a traditional permitting approach. The Imported Water Recharge Workgroup avoids years of adversarial litigation and millions in unnecessary legal fees.



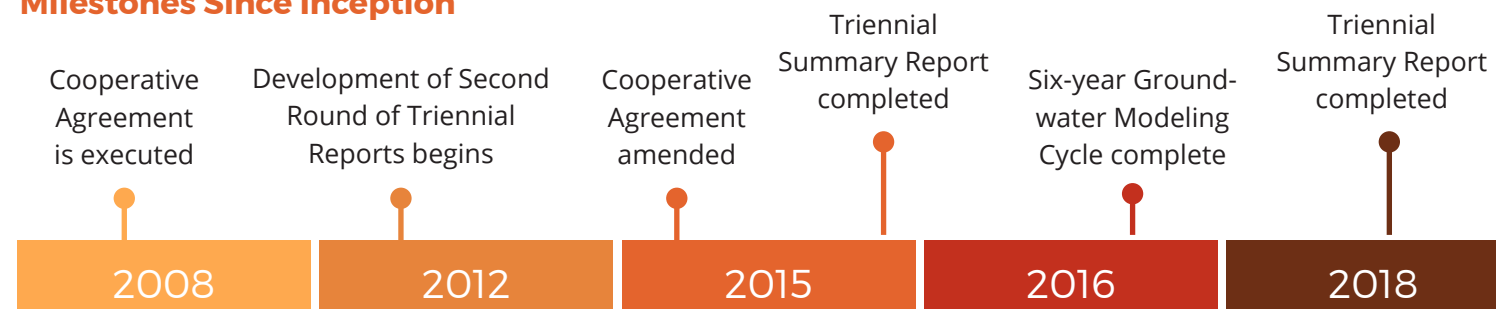
DATA SHARING

Through efforts undertaken, the Workgroup was able to **provide support and data** to the Regional Water Resources Control Board on the impacts of recharging imported water.



Levels of TDS and Nitrate in imported water (State Project Water and Colorado River Water) have declined since the Workgroup was formed in 2008.

Milestones Since Inception



Every six years, each basin completes a 20-year groundwater modeling projection report. The first round of reports for the basins were completed from 2012-2016. The second round of reports began in 2018. Data from the Imported Water Recharge Workgroup modeling projections was used to support the Basin Plan amendment approving new nitrate objectives for the Chino-South Groundwater Management Zone in 2017. The data was also used to resolve critical issues which were complicating the use of recycled water in the Riverside-A Groundwater Management Zone in 2016.

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SAWPA Regional Planning Efforts

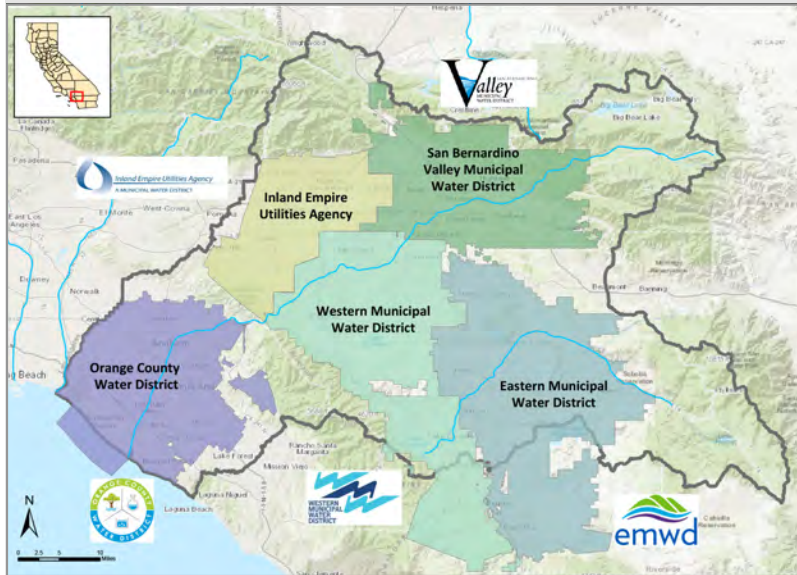
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WATER-ENERGY COMMUNITY ACTION NETWORK

The Water-Energy Community Action Network (WECAN) assists members of low-income communities in the watershed to save water and energy at home.

SAWPA Member Agencies



Learn More and Contact Information

The Water-Energy Community Action Network is one of our success stories – additional information about SAWPA programs can be found at:



<http://www.sawpa.org/wecan/>



www.CAWaterLibrary.net



Contact Mike Antos at mantos@sawpa.org



What is the Program?

WECAN

WECAN is a program supported by the California Greenhouse Gas Reduction Fund to help the people of California adapt to climate change and mitigate their carbon emissions. This effort in the Santa Ana River Watershed is mirrored by an effort by the Local Government Commission in the greater Fresno area. The WECAN program supports low-income communities as they seek water and energy savings.

Problems to be Solved

Energy and Water Use in California

19%



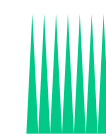
About 19% of all energy in California is used to move, treat, and heat water.

30%



In Southern California, up to 30% of all household water is wasted from inefficient outdoor watering.

#1



Turf grass is the number one crop by acre grown in the USA, yet is often purely ornamental and doesn't feed anyone.

60%



Residents can improve their water efficiency by up to 60% by installing efficient appliances and by replacing turf lawns with native or drought-tolerant landscapes.

What are the goals of the Program?

Help Low-Income Communities Adapt to Climate Change

Low-income communities are most vulnerable to climate change impacts. Though often already efficient with resources, low income communities are also least able to adapt to the changing conditions if it involves the purchase of new equipment or supplies.

In light of this, WECAN has three major objectives:

1. Water Fixture Replacement
2. Front-Yard Lawn Replacement
3. Landscape Maintenance Training

These programs are offered at no cost to participants.



Highlights of WECAN

Turf & Water-Fixture Replacement

No Cost to Residents

Expands Existing Conservation Programs

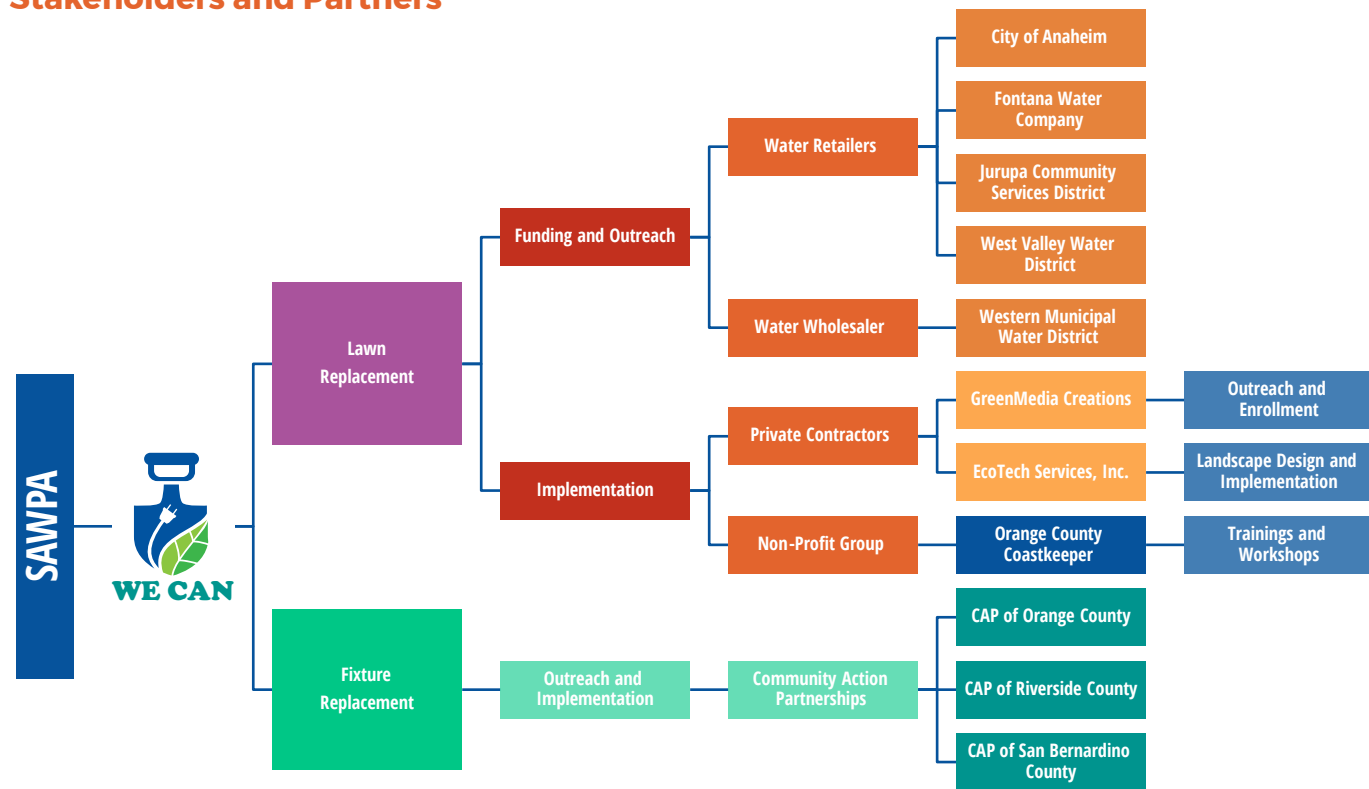
Private, Public, Community Outreach Partners

Benefit Overburdened Communities

Highlights Water-Energy Nexus

Who is in the Water-Energy Community Action Network?

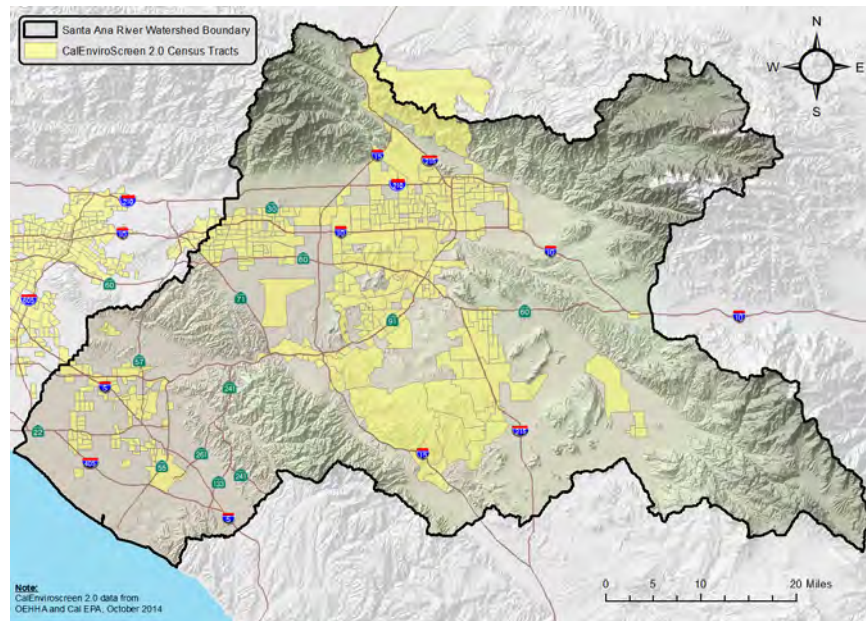
Key Stakeholders and Partners



Who Qualifies for WECAN?

CalEnviroScreen maps California communities that are most vulnerable to pollution. To qualify for the WECAN program, residents must live in a census tract identified by CalEnviroScreen 2.0 as having a score of 76% or higher. Over 23% of SAWPA's service area meets this criterion.

The lawn replacement component also requires that residents be a customer of one of the four partner water agencies (City of Anaheim, Fontana Water Company, Jurupa Community Services District, or West Valley Water District). To ensure that low-income community members directly benefit from lawn replacements, residents must own and occupy their house and must self-certify an annual household income below \$49,000.



Key Program Outcomes

Lower Water and Energy Bills

The key outcome of WECAN is assisting low-income communities reduce their water and energy use. Additional benefits include:

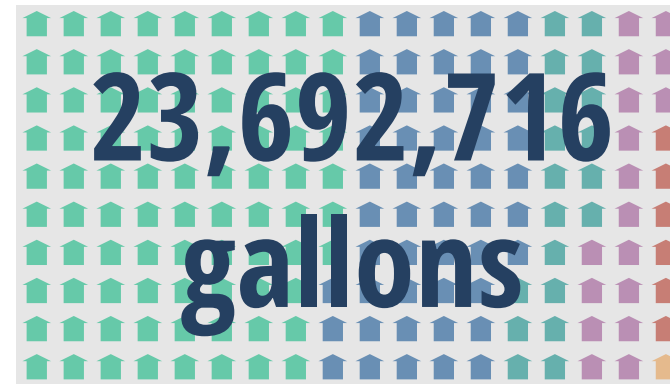
- Strengthened relationships and engagement in the Santa Ana River Watershed, and
- Enhanced community resilience.

Milestones Since Inception



Accomplishments: Water and Energy Savings

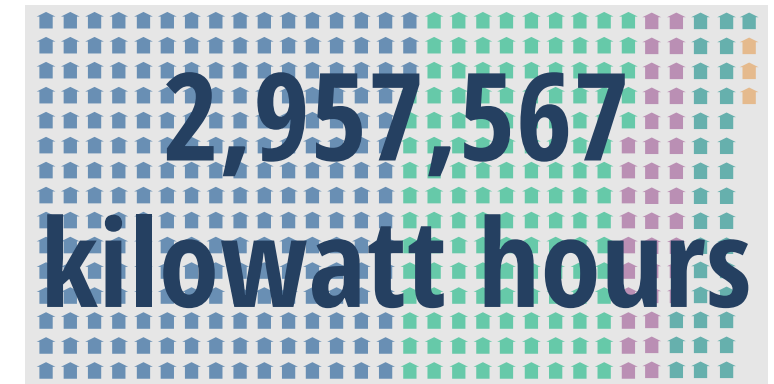
WATER Enough water is saved to provide over 180 families of 4 for an entire year!



Gallons of water saved per year per program

Turf Replacement	11,400,000	Toilets	747,520
Shower Heads	6,570,000	Water Heaters	90,392
Thermostatic Shut-off Valves	2,530,238	Water Heater Blankets	15,065
Faucet Aerators	2,299,500		

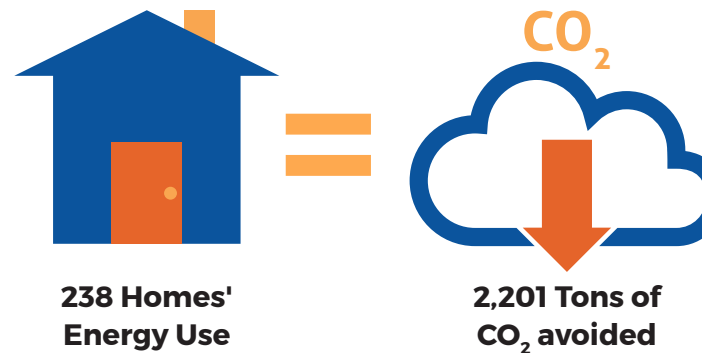
ENERGY Enough energy is saved to provide over 238 residences for an entire year!



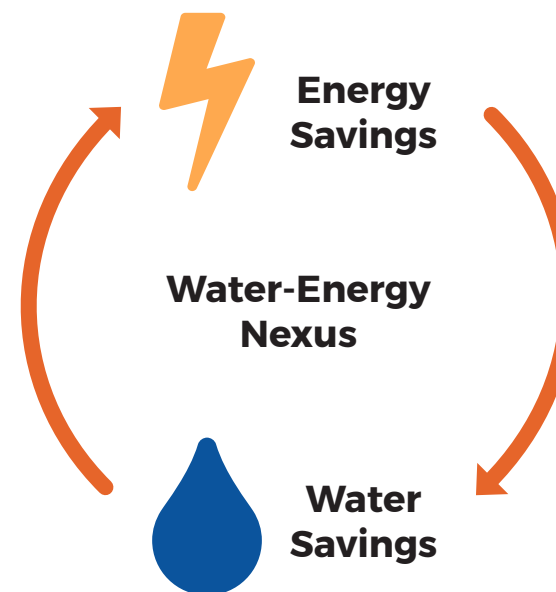
KWH saved per year per program

Shower Heads	1,538,939	Thermostatic Shut-off Valves	231,917
Water Heaters	914,163	Water Heater Blankets	14,943
Faucet Aerators	257,605		

In one year, energy savings can power 238 homes.



Savings may be greater due to the additional savings from the Water-Energy Nexus, where saving water saves energy and saving energy saves water.



During the Program

Over 2,100 water fixtures will be replaced

Fixture	Number Installed
HE Toilets	260
Low-flow Showerheads	450
Thermostatic Shower Valves	498
Faucets Aerators	450
HE Hot Water Heaters	390
Hot Water Heater Blankets	100

260,000 square feet of turf will be replaced with native, drought-tolerant landscaping by four partner water agencies.



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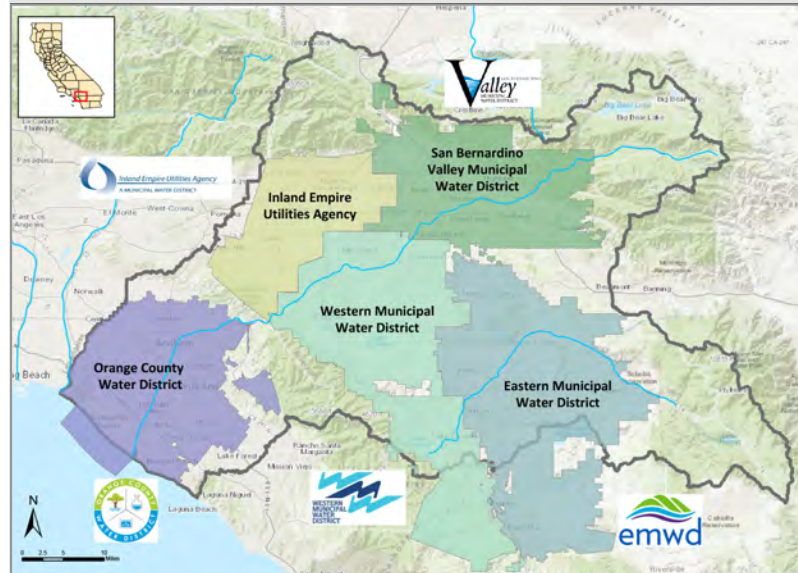
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REGIONAL WATER QUALITY MONITORING TASK FORCE

The Regional Water Quality Monitoring Task Force implements a regional surface water quality monitoring program focused on bacteria.

SAWPA Member Agencies



Learn More and Contact Information

For the latest information on the Regional Water Quality Monitoring Task Force, please visit:



www.sawpa.org/task-forces/regional-water-quality-monitoring-task-force/



www.CAWaterLibrary.net



Contact Rick Whetsel at rwhetsel@sawpa.org

What is the Task Force?

Regional Water Quality Monitoring Task Force

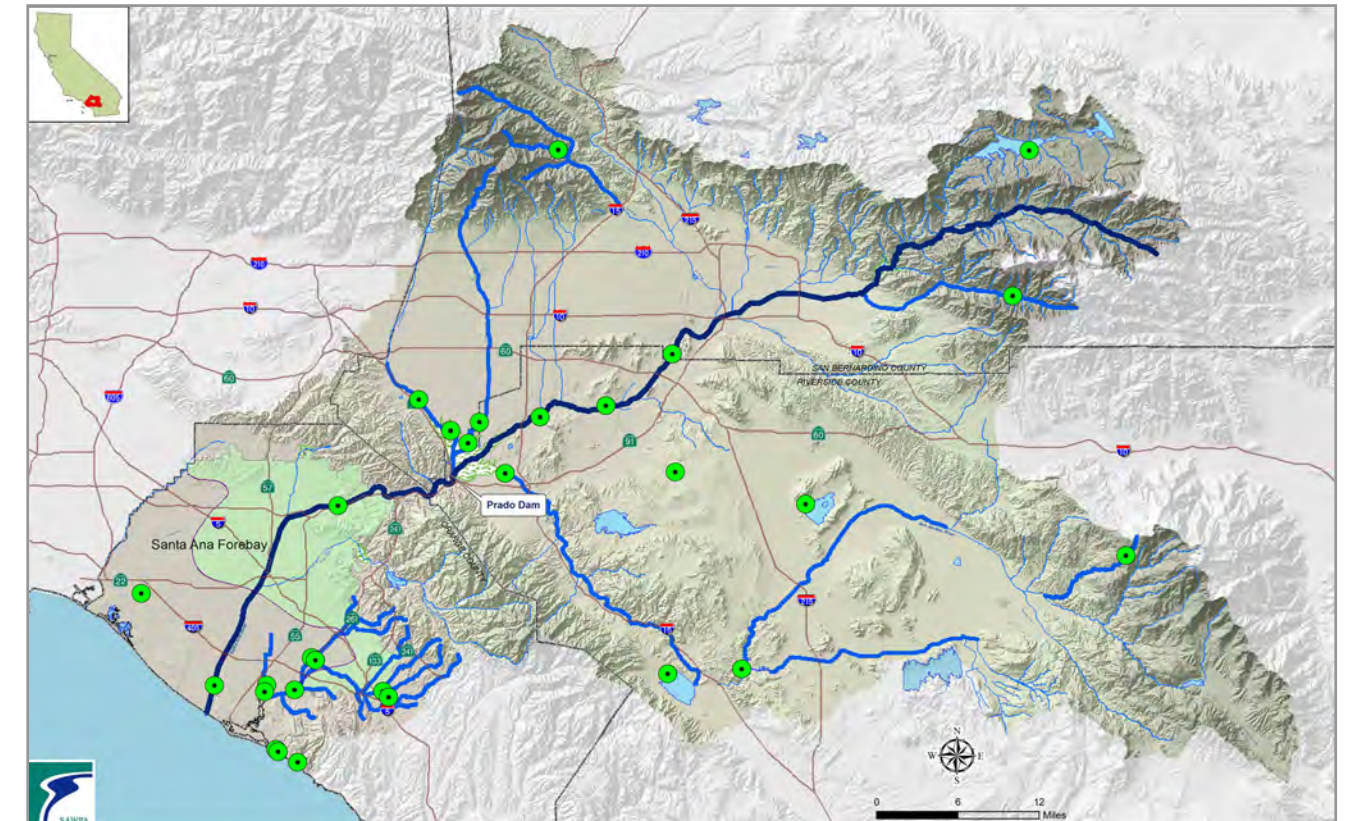
The Task Force was formed in 2016 to implement a coordinated regional water quality monitoring program in the Santa Ana River watershed. This monitoring program combines the separate bacteria monitoring programs of Riverside, San Bernardino, and Orange Counties with the existing bacteria monitoring program under the Middle Santa Ana River TMDL Task Force administered by SAWPA. The purpose is to streamline regional monitoring efforts.

What are the goals of the Task Force?

Monitor Bacteria

- Implement Santa Ana River Regional Bacteria Monitoring Program
- Fulfill the monitoring and surveillance requirements of the 2012 Santa Ana Basin Plan Amendment
- Conduct sampling to support implementation of the Middle Santa Ana River Bacterial Indicator TMDL
- Support any additional bacterial indicator monitoring that may be conducted in the watershed to support regional regulatory activities
- Assist Regional Board with future triennial reviews and future amendments of the Basin Plan
 - » 303(d) listings for Bacteria Indicators
 - » Statewide bacteria Standards

Priority Water Quality Monitoring Locations in the Santa Ana River Watershed



These sites are considered to be the top priority to establish a monitoring program that can determine whether bacteria levels are "safe" at these locations where people are most likely to engage in water contact recreation.

5
QUARTERLY
WATER
QUALITY
MONITORING
REPORTS

2
ANNUAL
MONITORING
REPORTS

31
SITES
MONITORED
ANNUALLY

344
SAMPLES
COLLECTED
ANNUALLY

1932
WATER
QUALITY
DATA POINTS
REPORTED
ANNUALLY

Who is the Task Force?

Collaboration in Place of New Regulation

Three Counties Working Together with Regional Board

The Task Force, administered by SAWPA, brings together key watershed stakeholders for the shared purpose of improving water quality across the Santa Ana River Watershed. The Regional Water Quality Monitoring Task Force was created to replace the Stormwater Quality Standards Task Force upon its conclusion.

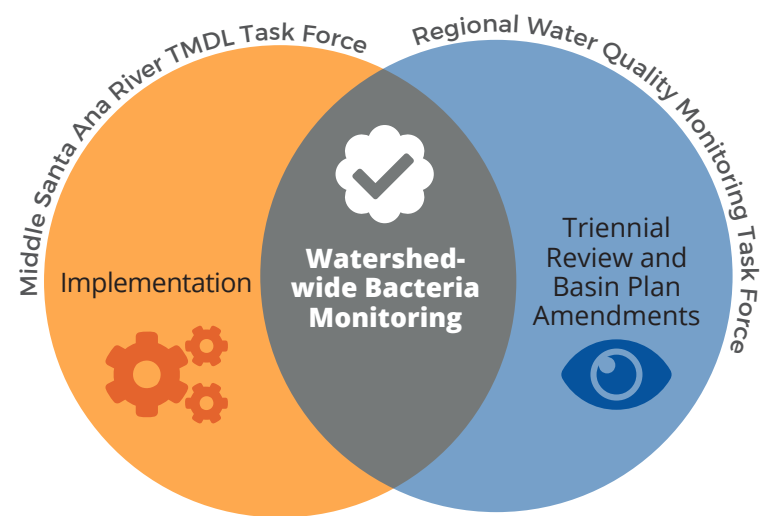
Partners

- Orange County Public Works
- Riverside County Flood Control and Water Conservation District
- San Bernardino County Flood Control District
- Santa Ana Regional Water Quality Control Board
- Middle Santa Ana River Pathogen TMDL Task Force

Key Monitoring Program Goals

The Santa Ana Regional Bacteria Monitoring Program is structured to direct water quality monitoring resources to the highest priority waterbodies. The Program:

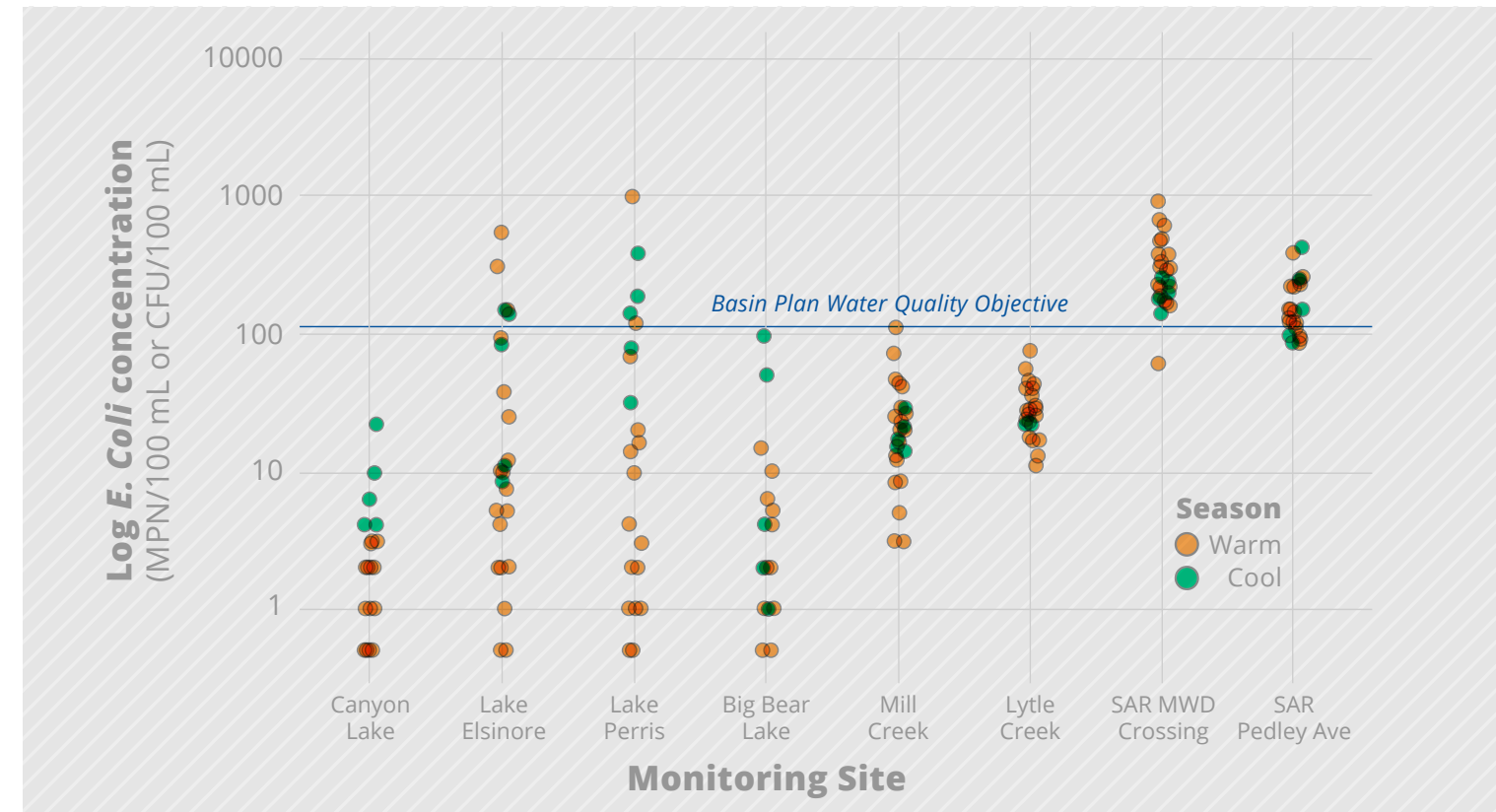
- provides data needed to determine water quality safety for recreational use
- facilitates the Total Maximum Daily Load (TMDL) implementation process and tracks progress and
- allocates public resources in a way that produces the greatest public health benefits



The Regional Water Quality Monitoring Task Force works together with the Middle Santa Ana River TMDL Task Force to implement watershed-wide bacteria monitoring.

Task Force Results

Observed E. coli at Priority 1 Monitoring Sites



This graphic summarizes the distribution of E. coli concentrations observed at Priority 1 sites during the warm/dry and cool/wet seasons. The calculated geomeans did not exceed the Basin Plan Water Quality Objectives of 126 MPN/100 ML at six of the eight sites. Only the two Santa Ana River sites, Metropolitan Water District (MWD) crossing and Pedley, did not meet the objectives.

Next Steps

- Address revisions to statewide bacteria standards
- Resolve inconsistency between Antidegradation Targets and 303(d) Impairment Assessment
- Regulatory alternatives analysis for 303(d) listed streams
- Annual Santa Ana River Regional Bacteria Monitoring Program report

Successes to Date

Key Outcomes: Cost Savings and Regional Collaboration

REGIONAL COLLABORATION FOR REGIONAL BENEFIT

Implementation of the Task Force will achieve economies of scale while **reducing redundancy and streamlining reporting** of regional monitoring efforts.

COST EFFECTIVE STRATEGY TO ALLOCATE FINITE PUBLIC RESOURCES

Merging monitoring efforts has saved **tens of thousands of dollars** per year.

Who is SAWPA?

SAWPA is a Watershed Agency Focused on Regional Water Issues

Formed originally in 1968 as a planning agency, the Santa Ana Watershed Project Authority (SAWPA) was created to help resolve interagency conflicts and address regional water issues in the Santa Ana River watershed. SAWPA tackles issues related to water supply reliability, water quality improvement, recycled water, wastewater treatment, groundwater management, and brine disposal.

SAWPA's Role

SAWPA Administers Prop 84 Grant

SAWPA serves as the program manager, grant applicant, primary grantee, and grant administrator on behalf of local project sponsors participating in the OWOW Program. SAWPA is responsible for submitting required reports and managing invoices and grant disbursements from the state. SAWPA provides final direction, review, and approval for all decisions made for the program through a governing body composed of elected officials and experts.

SAWPA Supports its Member Agencies and Other Organizations with Water Planning

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- Facilitate communication
- Identify emerging opportunities
- Develop regional plans
- Secure funding
- Implement programs
- Build projects
- Operate and maintain facilities

The **Santa Ana Watershed Vireo Monitoring Project** is one of our success stories – additional information about SAWPA programs can be found at www.sawpa.org.



SAWPA Regional Planning Efforts

Middle Santa Ana River TMDL Task Force
Emerging Constituents Program Task Force
Basin Monitoring Program Task Force
Imported Water Recharge Workgroup
Regional Water Quality Monitoring Task Force
One Water One Watershed Program
Santa Ana Sucker Conservation Team
Lake Elsinore and Canyon Lake TMDL Task Force
Forest First
WECAN
Arundo Habitat Management
Lake Elsinore & San Jacinto Watersheds Authority

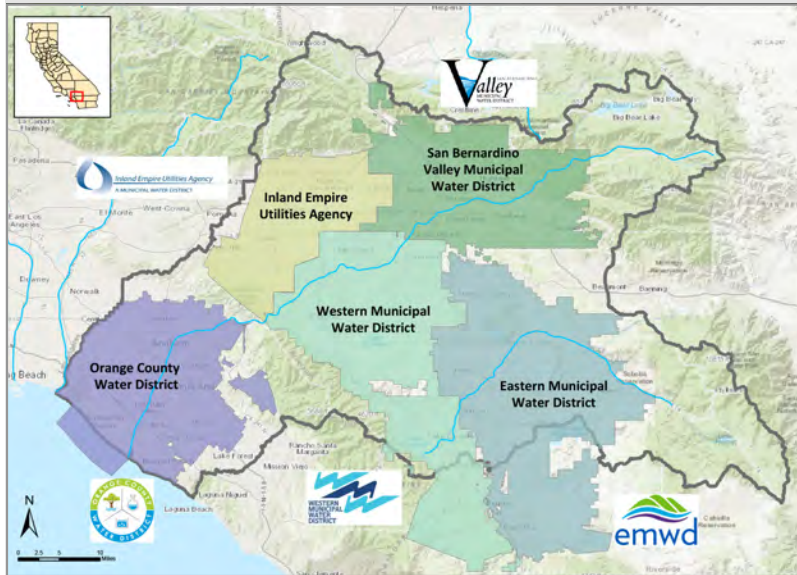


SANTA ANA RIVER WATERSHED VIREO MONITORING PROJECT

The Project supports habitat restoration and infrastructure projects in the riparian corridors of the Santa Ana River Watershed through endangered species monitoring.

Photo courtesy Dominic Shernoy

SAWPA Member Agencies



Learn More and Contact Information

For the latest information on the Santa Ana Watershed Vireo Monitoring Project, please visit:



www.sawpa.org/owow-program/prop-84-round-1/



www.CAWaterLibrary.net



Contact David Ruhl at druhl@sawpa.org

What is the Project?

Santa Ana River Watershed Vireo Monitoring Project

The Santa Ana River Watershed Vireo Monitoring Project (Vireo Project) supports habitat restoration and infrastructure projects in the riparian corridors of the Santa Ana River Watershed. The flood control system, particularly upstream of Prado Dam, provides open space and habitat to several threatened and endangered species. As such, regulations require infrastructure projects within this area to obtain specific data needed to avoid or minimize impacts to these species, specifically the Least Bell's vireo which is a State and Federally listed endangered species.



Least Bell's vireo is listed as a State and Federally endangered species.

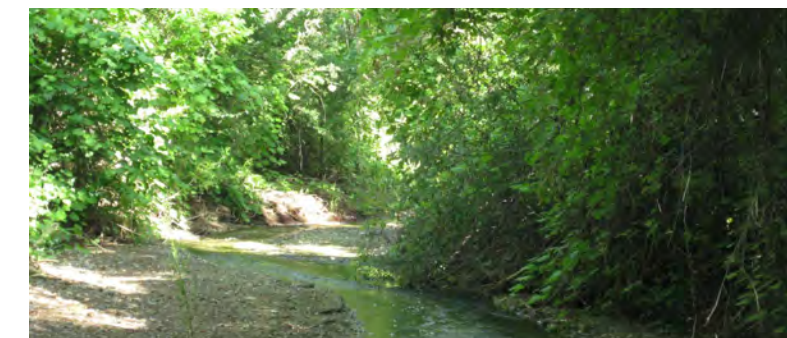
What are the goals of the Project?

Protect Vireo Through Monitoring

The Project has two components:

1. Least Bell's vireo (*Vireo bellii pusillus*; Vireo) monitoring
2. Brown-headed Cowbird (*Molothrus ater*; Cowbird) management

Major declines in Vireo population are caused by destruction of riparian habitat and nest parasitism by the Cowbird. Nest parasitism is when the Cowbird lays eggs in Vireo nests but provides no parental care. Vireo monitoring provides support for habitat restoration and infrastructure projects by providing documentation for permitting and operating facilities within the Santa Ana River Watershed riparian corridors. Cowbird trapping activities are vital for protecting Vireo nests and improving Vireo productivity throughout the watershed.



Riparian corridors along the Santa Ana River are prime habitat for Vireo populations.

Successes to Date

Key Outcomes: Increase in Vireo Territory



VIREO POPULATIONS HAVE REBOUNDED COWBIRD PARASITISM RATES DROPPED

The number of Vireo territories has seen a **45-fold increase** since the inception of the Project in 2000. This information has helped organizations and regulatory agencies with planning efforts on how to mitigate or avoid impacts to the endangered species.



MONITORING PROGRAM HELPS BOTH BIRDS AND PROJECTS THRIVE

The Project helps **support water resource management efforts** seen as beneficial to the Santa Ana River Watershed. Data and information provided through the Project help infrastructure projects obtain critical U.S. Fish and Wildlife Service and California Department of Fish and Wildlife permits.

- \$270k LOCAL FUNDING PROVIDED**
- Over 50 SITES MONITORED FOR VIREO NESTS**
- \$600k PROP 84 GRANT RECEIVED**
- 50 COWBIRD TRAPS MONITORED**
- 2 ANNUAL PROJECT PERFORMANCE REPORTS**

Who Leads the Project?

The Vireo Project is being implemented by the Santa Ana Watershed Association (SAWA), while SAWPA serves as Proposition 84-Round 1 Grant awardee and administrator for the project. SAWA is a non-profit organization dedicated to promoting a healthy Santa Ana River Watershed.



\$ Grant Administrator



Local Project Sponsor

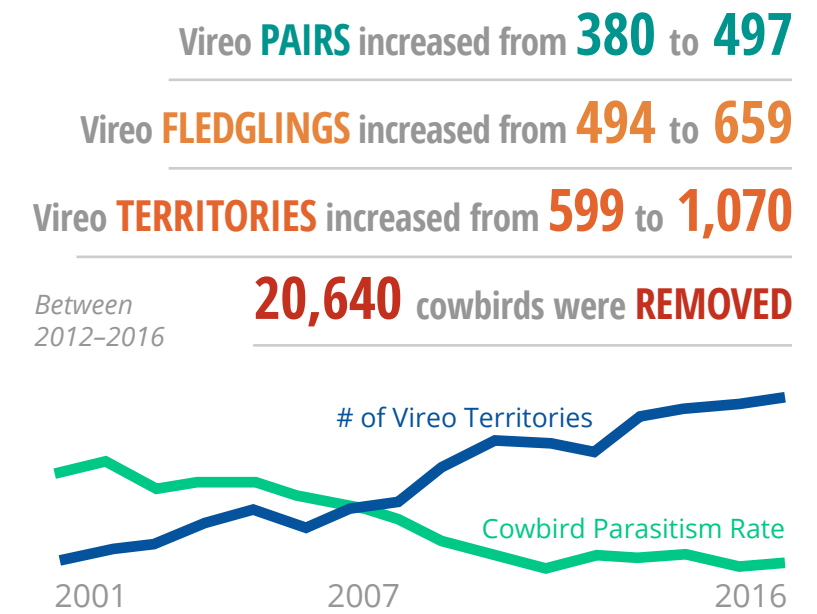
SAWPA manages grant funds and administers projects like this for all of Prop 84 projects in the region.



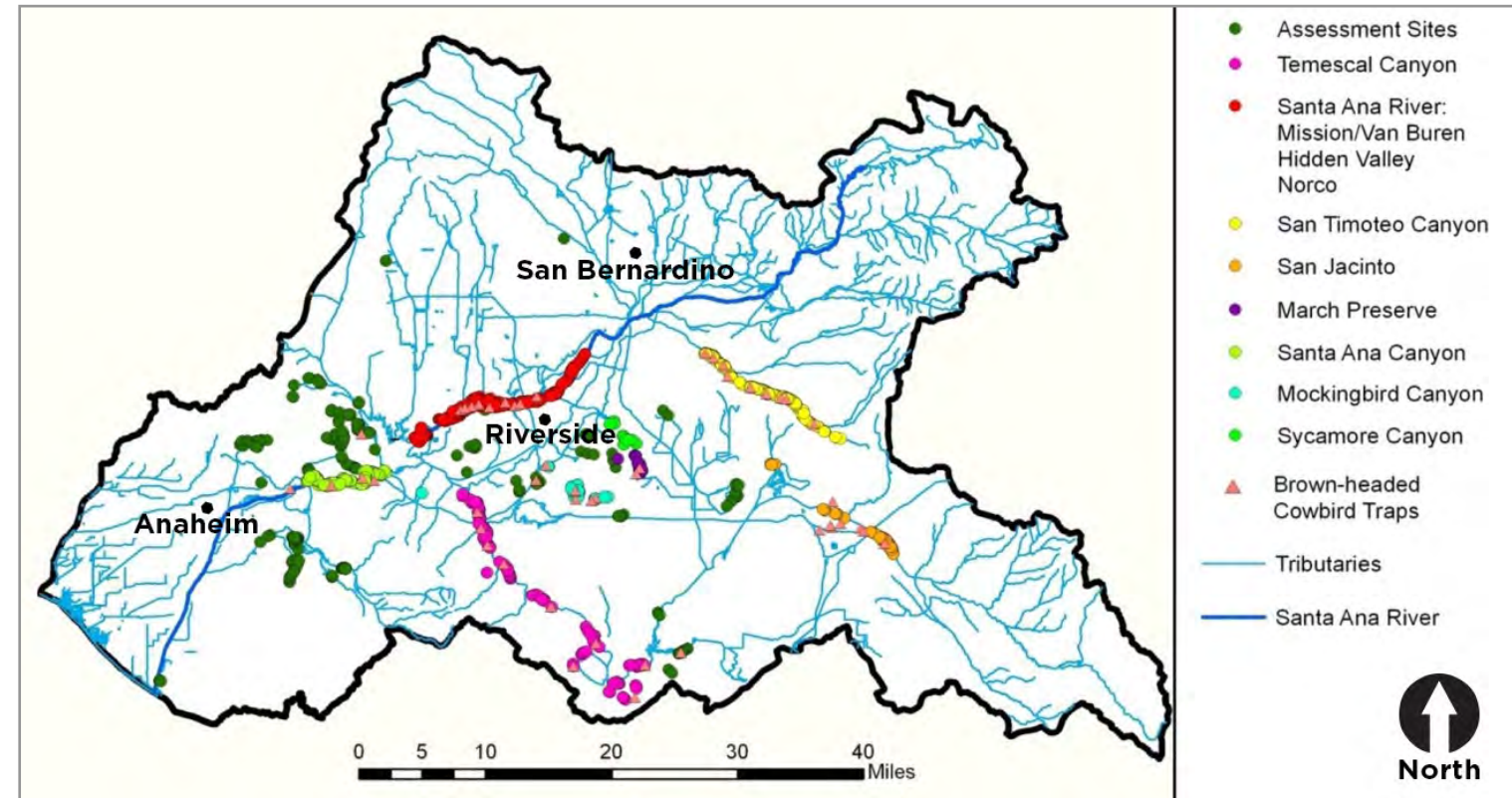
Least Bell's vireo nests are monitored as part of the Project.



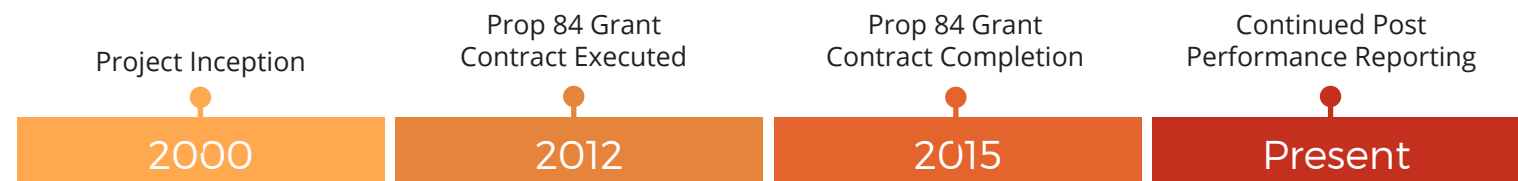
Brown-headed Cowbird traps are installed to manage the local population.



Least Bell's Vireo Survey Sites in the Santa Ana River Watershed



Milestones Since Inception



Vireo riparian habitat has been monitored in the Santa Ana River Watershed since 2000. The project received a \$600,000 grant through Round 1 of Prop 84 funding to support monitoring efforts between 2012 and 2015. Post performance monitoring continues to this day to support habitat restoration and infrastructure projects in the watershed.

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SAWPA's Role

SAWPA Manages One Water One Watershed Program

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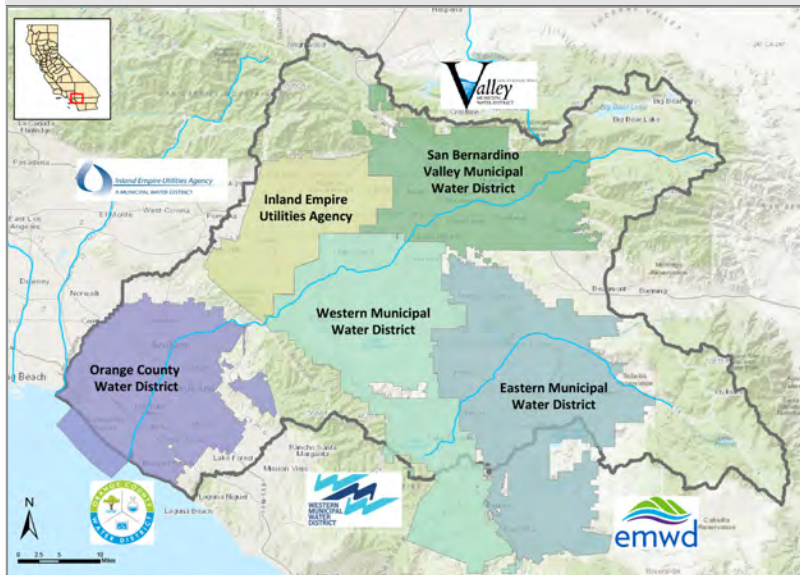
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- Emerging Constituents Program Task Force
- Basin Monitoring Program Task Force
- Imported Water Recharge Workgroup
- Regional Water Quality Monitoring Task Force
- Santa Ana Sucker Conservation Team
- Lake Elsinore and Canyon Lake TMDL Task Force
- Forest First
- WECAN
- Arundo Habitat Management
- Lake Elsinore & San Jacinto Watersheds Authority



ONE WATER ONE WATERSHED PROPOSITION 84 - IRWM ROUND 1 PROJECTS

SAWPA Member Agencies



Learn More and Contact Information

For the latest information on the One Water One Watershed Program, please visit:

 www.sawpa.org/owow-program/prop-84-round-1/

 www.CAWaterLibrary.net

 Contact Mark Norton at mnorton@sawpa.org

What is One Water One Watershed (OWOW)?

OWOW reflects a comprehensive view of the watershed and water issues encompassing all sub-regions, political jurisdictions, water agencies, and non-governmental stakeholders in the watershed. It is one in which all types of water (imported, local surface and groundwater, stormwater, and wastewater effluent) are viewed as components of a single water resource linked to land use and habitat supporting natural hydrology in the watershed.

One Water One Watershed Plan

OWOW is part of the California Department of Water Resources (DWR) Integrated Regional Water Management (IRWM) Program which promotes collaborative planning and water resources management. The OWOW IRWM Plan for the Santa Ana River watershed was written using a "bottom up" approach to ensure that key discussions of major water resource issues, concerns, problems, goals, and objectives and potential solutions originated and were fully vetted at the stakeholder level.

The OWOW Plan is led by an 11-member **Steering Committee** composed of representatives from the counties, municipal water agencies, flood control districts, private sector, and environmental and regulatory communities within the watershed. The Steering Committee is supported by watershed-wide technical experts assembled into 10 working groups, known as the **OWOW Pillars** that each focus on major water resource management strategies. The Pillars, the Steering Committee, and SAWPA work together to develop the OWOW Plans and coordinate IRWM funding efforts.

What is Prop 84 IRWM Funding?

Prop 84 IRWM authorized \$1 billion of general obligation bonds to be made available for water-related projects throughout the state.

Round 1: Reduce Imported Water Demand

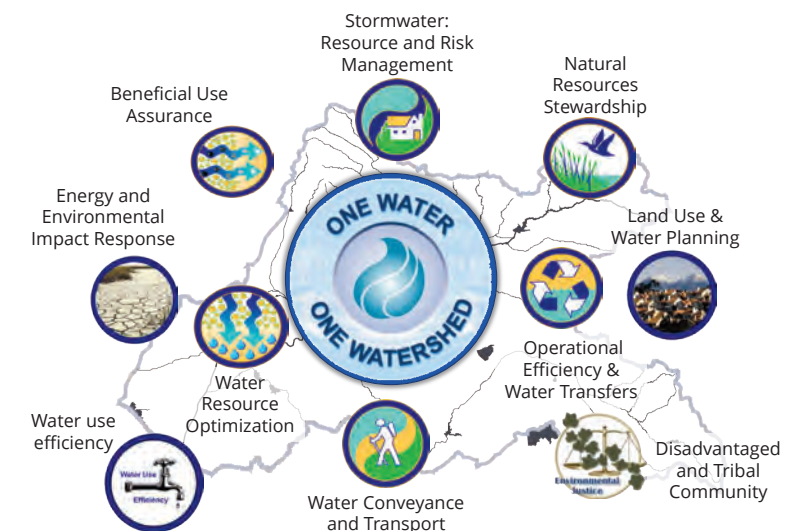
During **Round 1**, SAWPA was awarded **\$12.7 million** in grant funding for **13 projects** that offset up to **15% of imported water demand** in the region.

2 PROJECTS Enhance the use of **recycled water** and provide additional **groundwater recharge**

4 PROJECTS Improve **flood management/habitat** while improving **surface water quality**

7 PROJECTS Provide additional **salt removal** and **groundwater quality improvement**

2012 TO 2019 The grant contract runs from **June 2012 > June 2019**



OWOW supports watershed level thinking through the One Water One Watershed Plan.

How does IRWM Funding Work?

IRWM Implementation Grants

Prop 84 IRWM authorized \$1 billion to be made available for grants that protect the long-term water needs of the state. Benefits ideally funded through the OWOW Program would align with OWOW goals:

- Provide reliable water supply
- Preserve and enhance the environment
- Promote sustainable water solutions
- Ensure high quality water for all users
- Provide economically effective solutions
- Improve regional integration and coordination
- Manage rainfall as a resource
- Preserve open-space and recreational opportunities
- Maintain quality of life

Project Rating and Ranking

The scoring criteria approved by the OWOW Steering Committee aim to address the goals and objectives of the OWOW Plan and awards points based on:

- Santa Ana River watershed benefits
- Water supply benefits
- Hydrology and flood control benefits
- Enhancement of natural environment
- Pollution management
- Cost efficiency
- Benefits to disadvantaged communities

OWOW Project Selection Process

Call for Projects



Preliminary Screening



Project Review



Grant Awards



Project Highlights

Mill Creek Wetlands

City of Ontario

The Mill Creek Wetlands is a regional natural treatment facility located near Cucamonga Channel in the upper Santa Ana River watershed. The project diverts and treats an average of about 4,200 AFY of wet weather runoff and 2,700 AFY of dry weather runoff in Cucamonga Creek into a series of natural water quality treatment ponds to remove contaminants from surface water. In addition, the project incorporates 2.25 miles of hiking and equestrian trails and supports key habitat types across 32 acres of land.



Mill Creek Wetlands

Inland Empire Brine Line Rehabilitation and Enhancement

SAWPA

The Inland Empire Brine Line (Brine Line) is a unique and indispensable resource for the Inland Empire region, providing a facility for exporting salt from inland areas to the ocean. Salt export is important for protecting water quality and meeting regulatory requirements. The Brine Line provides a viable salty wastewater disposal facility for industries that generate salty wastewater during the manufacturing process, or from cooling, boiler blowdown or other processes. Salty wastewater from industry is redirected from the local wastewater treatment plant to the Brine Line, reducing the salt discharged from treatment plants into the Santa Ana River protecting plants and animals dependent on lower salt water and reducing the salt which percolates into the groundwater basins. This rehabilitation project increased the capacity of the Lower Reach IVB Brine Line by an additional 4.0 million gallons per day (mgd). The additional capacity in the brine line from the project will allow an additional 30,000 tons per year of salt removal from the watershed.



Brine line construction

OWOW Prop 84, Round 1 Projects

Project, Local Project Sponsor and Grant Award Allocation	Project Benefits
 Groundwater Replenishment System - Flow Equalization Orange County Water District (\$1,000,000)	<ul style="list-style-type: none"> • Recycling reuse increase of 12,000 AFY
 Sludge Dewatering, Odor Control and Primary Sludge Thickening Orange County Sanitation District (\$1,000,000)	<ul style="list-style-type: none"> • Recycling reuse increase of 78,400 AFY
 Santa Ana Watershed Vireo Monitoring Santa Ana Watershed Association (\$600,000)	<ul style="list-style-type: none"> • Restored 300 acres of endangered bird species habitat
 Mill Creek Wetlands City of Ontario (\$1,000,000)	<ul style="list-style-type: none"> • Stormwater capture of 6900 AFY • 32 acres of new habitat
 Cactus Basin San Bernardino County Flood Control District (\$1,000,000)	<ul style="list-style-type: none"> • Stormwater capture storage increase of 15,000 AFY • 700 acres of preservation restored
 Inland Empire Brine Line Rehabilitation and Enhancement Santa Ana Watershed Project Authority (\$1,000,000)	<ul style="list-style-type: none"> • Additional 4 million gallons of water treated per day • 30,000 tons per year of salt removal
 Arlington Desalter Interconnection Project City of Corona (\$400,000)	<ul style="list-style-type: none"> • Water use efficiency increase of 12,000 AFY
 Perris II Desalination Facility Eastern Municipal Water District (\$1,000,000)	<ul style="list-style-type: none"> • Groundwater desalination of 6,050 AFY • 21,000 tons of salt removed
 Perchlorate Wellhead Treatment System Pipelines West Valley Water District (\$1,000,000)	<ul style="list-style-type: none"> • 101 tons of salt removed
 Chino Creek Wellfield Development Western Municipal Water District (\$1,000,000)	<ul style="list-style-type: none"> • Groundwater desalination of 2,900 AFY
 Impaired Groundwater Recovery Irvine Ranch Water District (\$1,000,000)	<ul style="list-style-type: none"> • Imported water demand reduced by 6,330 AFY
 Alamitos Barrier Improvement Project Orange County Water District (\$5,000,000)	<ul style="list-style-type: none"> • 520 tons of salt removed
 Arlington Basin Water Quality Improvement Project Western Municipal Water District (\$216,000)	<ul style="list-style-type: none"> • Stormwater capture storage increase of 1,300 AFY • 16 acres of preservation restored

Who is SAWPA?

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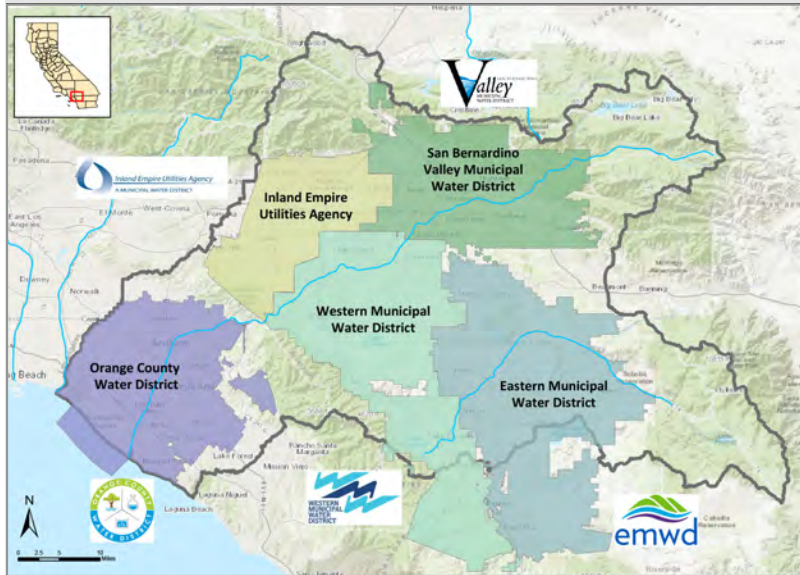
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- WECAN
- Arundo Habitat Management
- Lake Elsinore & San Jacinto Watersheds Authority



ONE WATER ONE WATERSHED PROPOSITION 84 - IRWM ROUND 2 PROJECTS

SAWPA Member Agencies



Learn More and Contact Information

For the latest information on the One Water One Watershed Program, please visit:



www.sawpa.org/prop-84-round-2-2/



www.CAWaterLibrary.net



Contact Mark Norton at mnorton@sawpa.org

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What is Prop 84 IRWM Funding?

Prop 84 IRWM authorized \$1 billion of general obligation bonds to be made available for water-related projects throughout the state. Funding was distributed through four rounds.

Round 2: Provides Integrated Multi-Beneficial, Multi-Jurisdictional Projects

During **Round 2**, SAWPA was awarded **\$16.7 million** in grant funding for **18 projects** that...

5
PROJECTS

Increase **groundwater recharge**

3
PROJECTS

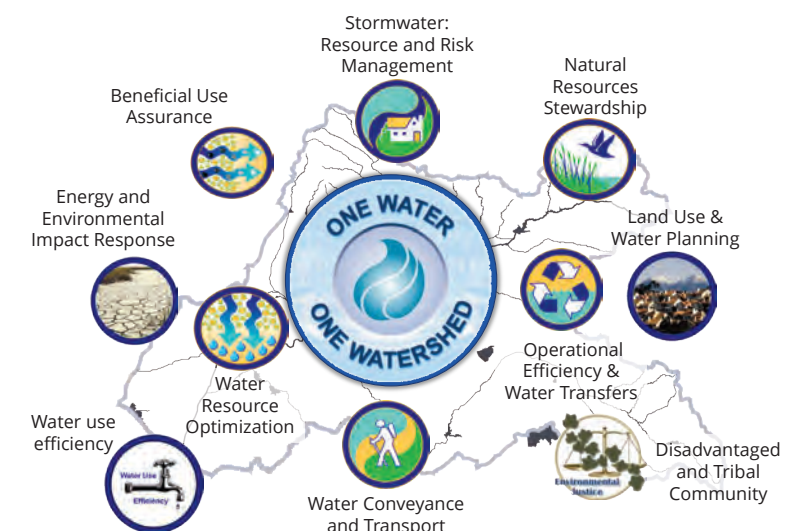
Address **sediment** and **stormwater management**

4
PROJECTS

Expand **recycled water supply** and **water use efficiency**

2014
TO
2020

The grant contract runs from **June 2014 > June 2020**



OWOW supports watershed level thinking through the One Water One Watershed Plan.

How does IRWM Funding Work?

IRWM Implementation Grants

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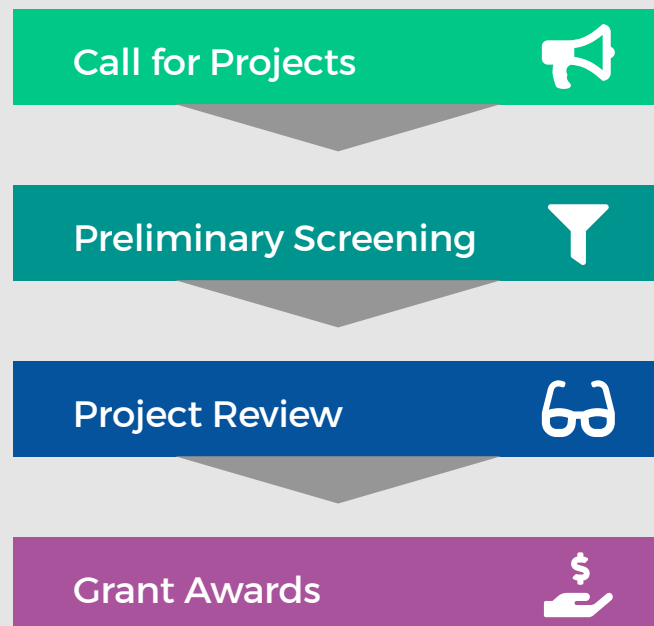
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Project Rating and Ranking

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- Enhancement of natural environment
- Pollution management
- Cost efficiency
- Benefits to disadvantaged communities

OWOW Project Selection Process



Project Highlights

Enhanced Stormwater Capture and Recharge Along the Santa Ana River

San Bernardino Valley Water District

The project builds new stormwater facilities and improves existing facilities to increase the amount of stormwater that can be captured and recharged along the Santa Ana River. Improvements include adding a debris removal system and rubber dam gate, and constructing a new sedimentation basin, canal, pipeline, and recharge basins. These improvements will collectively increase the amount of stormwater that can be captured downstream from the Seven Oaks Dam by capturing and recharging 80,000 acre-feet (AF) in a single year and 500 cubic feet per second of instantaneous flow.



Downstream of Seven Oaks Dam

Peters Canyon Channel Water Capture and Reuse Pipeline




City of Irvine

The project was implemented to reduce selenium and nitrate loadings in the San Diego Creek Watershed, a subwatershed of the lower Santa Ana River Watershed covering parts of the Cities of Irvine, Tustin, and Costa Mesa. The Peters Canyon Pipeline captures and permanently diverts discharges of selenium-laden groundwater at four locations along the Peters Canyon Channel to reduce selenium and nitrate loadings by approximately 258 pounds and 70,000 pounds per year. The project helps the impaired San Diego Creek while also providing a supplemental supply of local water supply for the region. The final designs included 17,000 feet of pipeline, three diversions structures, six street crossings, two channel crossings, and a connection to the sewer system. Final construction of the project was completed in February 2017.



Peters Canyon Channel

OWOW Prop 84, Round 2 Projects

Project, Local Project Sponsor, Grant Award Allocation	Project Benefits
 Perris Desalination Program – Brackish Water Wells 94, 95, and 96 Eastern Municipal Water District (\$1,000,000)	<ul style="list-style-type: none"> • Groundwater desalinization of 2,900 AFY • 4,060 tons of salt removed
 Quail Valley Subarea 9 Phase 1 Sewer System Project Eastern Municipal Water District (\$1,930,000)	<ul style="list-style-type: none"> • Septic tank to sewer conversion
 Forest First USDA Forest Service – San Bernardino National Forest (\$1,000,000)	<ul style="list-style-type: none"> • 1,750 acres of preservation restored
 Wineville Regional Recycled Water Pipeline and Groundwater Recharge System Upgrades Inland Empire Utilities Agency (\$1,000,000)	<ul style="list-style-type: none"> • Stormwater capture storage increase of 4,600 AFY • 46 acres of preservation restored
 Plunge Creek Water Recharge and Habitat Improvement San Bernardino Valley Water District (\$500,000)	<ul style="list-style-type: none"> • Stormwater capture storage increase of 1,250 AFY • 50 acres of preservation restored
 Prado Basin Sediment Management Demonstration Project Orange County Water District (\$750,000)	<ul style="list-style-type: none"> • Stormwater capture storage increase of 450 AFY
 Enhanced Stormwater Capture and Recharge Along the Santa Ana River San Bernardino Valley Water District (\$1,000,000)	<ul style="list-style-type: none"> • Stormwater capture storage increase of 14,600 AFY
 San Savaine Ground Water Recharge Basin Inland Empire Utilities Agency (\$750,000)	<ul style="list-style-type: none"> • Stormwater capture storage increase of 2,000 AFY • 26 acres of preservation restored
 Corona/Home Gardens Well Rehabilitation and Multi-Jurisdictional Water Transmission Line Project City of Corona (\$1,300,000)	<ul style="list-style-type: none"> • Restoration of water service
 Regional Residential Landscape Retrofit Program Inland Empire Utilities Agency (\$500,000)	<ul style="list-style-type: none"> • Water use efficiency increase of 6,000 AFY
 Canyon Lake Hybrid Treatment Process Lake Elsinore and San Jacinto Watershed Authority (\$500,000)	<ul style="list-style-type: none"> • 525 acres of preservation restored • 50% reduction in total Phosphorous concentration
 Customer Handbook to Using Water Efficiency in the Landscape Western Municipal Water District (\$120,000)	<ul style="list-style-type: none"> • Water use efficiency increase of 7,240 AFY
 Lower Day Basin Inland Empire Utilities Agency (\$750,000)	<ul style="list-style-type: none"> • Stormwater capture storage increase of 800 AFY
 Commercial/Industrial/Institutional Performance-Based Water Use Efficiency Program Municipal Water District of Orange County (\$500,000)	<ul style="list-style-type: none"> • Water use efficiency increase of 450 AFY
 Peters Canyon Channel Water Capture and Reuse Pipeline City of Irvine (\$1,000,000)	<ul style="list-style-type: none"> • Reduction of TMDL and other pollutants
 Soboba Band of Luiseño Indians Wastewater Project Soboba Band of Luiseño Indians (\$150,000)	<ul style="list-style-type: none"> • Recycling reuse increase of 800-900 AFY
 Recycled Water Project Phase I (Arlington-Central Avenue Pipeline) City of Riverside (\$1,000,000)	<ul style="list-style-type: none"> • Recycling reuse increase of 6,000 AFY
Wilson III Basin Project and Wilson Basins/Spreading Grounds City of Yucaipa (\$750,000)	<ul style="list-style-type: none"> • Stormwater capture storage increase of 1,300 AFY

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SAWPA's Role

SAWPA Manages One Water One Watershed Program

SAWPA serves as the program manager, grant applicant, primary grantee, and grant administrator on behalf of local project sponsors participating in the OWOW Program. SAWPA is responsible for submitting required reports and managing invoices and grant disbursements from the state. SAWPA provides final direction, review, and approval for all decisions made for the program through the OWOW Steering Committee and OWOW Pillars.

SAWPA Supports its Member Agencies and Other Organizations with Water Planning

SAWPA is a Joint Powers Authority of five member agencies that supports water resources planning: Eastern Municipal Water District, Inland Empire Utilities Agency, Orange County Water District, San Bernardino Valley Municipal Water District, and Western Municipal Water District. SAWPA seeks to create and facilitate partnerships with and between organizations pursuing shared interests and overall watershed sustainability. Our regional leadership provides a model of collaboration and cooperation utilizing integrated solutions. SAWPA's Mission is to:

- Facilitate communication
- Identify emerging opportunities
- Develop regional plans
- Secure funding
- Implement programs
- Build projects
- Operate and maintain facilities

The **One Water One Watershed Program** is one of our success stories – additional information about SAWPA programs can be found at www.sawpa.org.

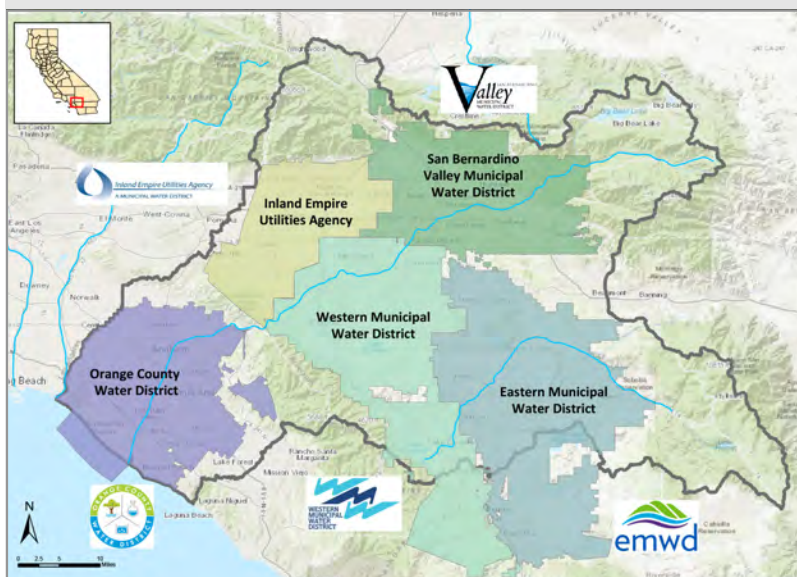
Other SAWPA Regional Planning Efforts

- Middle Santa Ana River TMDL Task Force
- Emerging Constituents Program Task Force
- Basin Monitoring Program Task Force
- Imported Water Recharge Workgroup
- Regional Water Quality Monitoring Task Force
- Santa Ana Sucker Conservation Team
- Lake Elsinore and Canyon Lake TMDL Task Force
- Forest First
- WECAN
- Arundo Habitat Management
- Lake Elsinore & San Jacinto Watersheds Authority



ONE WATER ONE WATERSHED PROPOSITION 84 - IRWM ROUND 4 PROJECTS

SAWPA Member Agencies



Learn More and Contact Information

For the latest information on the One Water One Watershed Program, please visit:

 www.sawpa.org/owow-program/prop-84-2015-round-2/

 www.CAWaterLibrary.net

 Contact Mark Norton at mnorton@sawpa.org

What is One Water One Watershed (OWOW)?

OWOW reflects a comprehensive view of the watershed and water issues encompassing all sub-regions, political jurisdictions, water agencies, and non-governmental stakeholders in the watershed. It is one in which all types of water (imported, local surface and groundwater, stormwater, and wastewater effluent) are viewed as components of a single water resource linked to land use and habitat supporting natural hydrology in the watershed.

One Water One Watershed Plan

OWOW is part of the California Department of Water Resources (DWR) Integrated Regional Water Management (IRWM) Program which promotes collaborative planning and water resources management. The OWOW IRWM Plan for the Santa Ana River watershed was written using a "bottom up" approach to ensure that key discussions of major water resource issues, concerns, problems, goals, and objectives and potential solutions originated and were fully vetted at the stakeholder level.

The OWOW Plan is led by an 11-member **Steering Committee** composed of representatives from the counties, municipal water agencies, flood control districts, private sector, and environmental and regulatory communities within the watershed. The Steering Committee is supported by watershed-wide technical experts assembled into 10 working groups, known as the **OWOW Pillars** that each focus on major water resource management strategies. The Pillars, the Steering Committee, and SAWPA work together to develop the OWOW Plans and coordinate IRWM funding efforts.

What is Prop 84 IRWM Funding?

Prop 84 IRWM authorized \$1 billion of general obligation bonds to be made available for water-related projects throughout the state. Funding was distributed through four rounds.

Round 4: Increase Water Supply

During **Round 4**, SAWPA was awarded **\$64.3 million** in grant funding for **3 projects** that focus on **increasing water supply**, particularly for **groundwater banking**.



Supports **water recycling** through separation of high saline brine from wastewater flows



Improves **flood control** and **groundwater recharge**



Creates **water banking**, improves habitat and increases **water-use efficiency**

2016 TO 2021

The grant contract runs from **November 2016 > December 2021**



OWOW supports watershed level thinking through the One Water One Watershed Plan.

How does IRWM Funding Work?

IRWM Implementation Grants

Prop 84 IRWM authorized \$1 billion to be made available for grants that protect the long-term water needs of the state. Benefits ideally funded through the OWOW Program would align with OWOW goals:

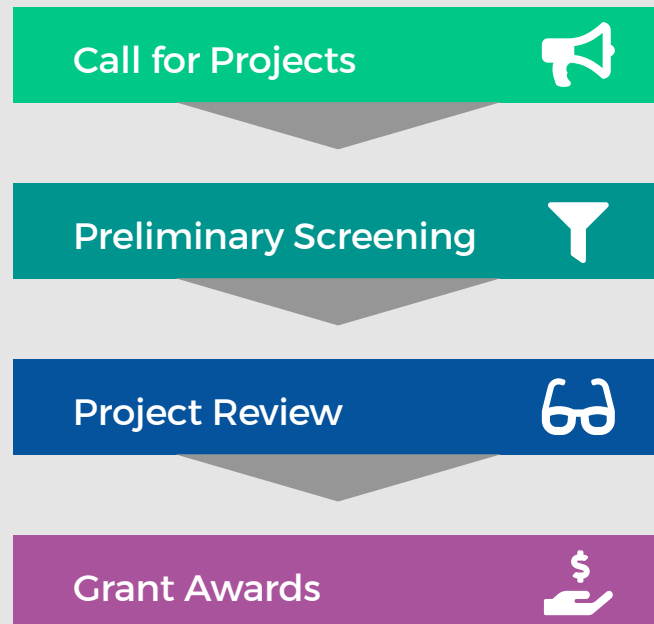
- Provide reliable water supply
- Preserve and enhance the environment
- Promote sustainable water solutions
- Ensure high quality water for all users
- Provide economically effective solutions
- Improve regional integration and coordination
- Manage rainfall as a resource
- Preserve open-space and recreational opportunities
- Maintain quality of life

Project Rating and Ranking

The scoring criteria approved by the OWOW Steering Committee aim to address the goals and objectives of the OWOW Plan and awards points based on:

- Santa Ana River watershed benefits
- Water supply benefits
- Hydrology and flood control benefits
- Enhancement of natural environment
- Pollution management
- Cost efficiency
- Benefits to disadvantaged communities

OWOW Project Selection Process



Project Highlight

Santa Ana River Conservation and Conjunctive Use Program (SARCCUP)

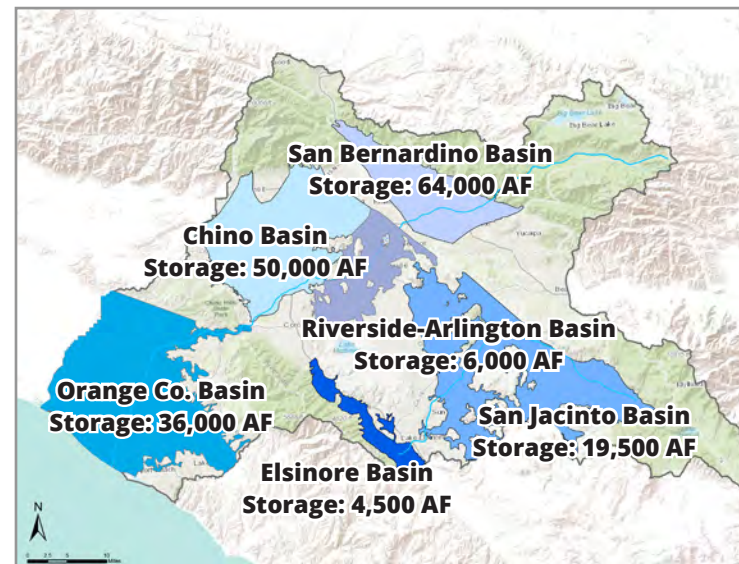
SAWPA, Orange County Water District, Inland Empire Utilities Agency, San Bernardino Valley Municipal Water District, Western Municipal Water District, and Eastern Municipal Water District

SARCCUP is an expansive collaborative program that improves the Santa Ana River watershed's water supply resiliency through additional dry-year yield and is a concerted effort between SAWPA and its five member agencies as well as the Inland Empire Waterkeeper and Orange County Coastkeeper. SARCCUP will conserve water, promote water use efficiency, and improve habitat for a native, threatened species which will help facilitate obtaining permits from the State and Federal wildlife agencies for water supply projects along the Santa Ana River. SARCCUP received a \$55M grant through Round 4 of Prop 84 grant funding and \$107M of cost share was provided by the five SAWPA member agencies.

SARCCUP Component	New Water Supply
Conservation based water rates savings	804 acre-feet per year (AFY)
Water savings from Arundo removal	12,800 AFY
Groundwater Bank & Stormwater Capture	180,000 AF

Water supply conserved and created through SARCCUP efforts.

SARCCUP Watershed Map



Groundwater banks are physically connected and share water savings.

3 Components of SARCCUP

SARCCUP Groundwater Banking

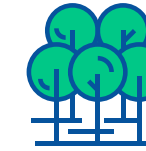


With 1,000,000 acre-feet (AF) of potential storage capacity in the Santa Ana River watershed groundwater basins, SARCCUP plans to increase dry year yield

by 180,000 AF over 10 years. Dry year yield is a recovery program where supplemental water is stored in a groundwater basin during wet years and extracted from the basin when the availability of other water sources is limited.

The program will construct recharge ponds and/or extraction wells in various banking locations to take full advantage of wet year supplies. All five agencies will share equally in the dry year yield. A Decision Support Model was built to simulate SARCCUP Operations to identify how water moves throughout the watershed and the SARCCUP facilities to plan for future phases of groundwater banking.

SARCCUP Habitat Improvement



SARCCUP will remove approximately 640 acres of invasive weed Arundo Donox in the Santa Ana River Watershed and will

construct an estimated 41 acres of riparian vegetation for the Santa Ana sucker (*Catostomus santaanae*) fish habitat along 3.5 miles of stream.



Santa Ana Sucker

SARCCUP Water Use Efficiency






SARCCUP will support five retail water agencies implement conservation-based water rates and implement

the Smartscape Program with Inland Empire Waterkeeper to provide education on sustainable landscaping and irrigation maintenance practices for an estimated water savings of 2,412 acre-feet over a three-year period.



Increase sustainable landscaping practices

OWOW Prop 84, Round 4 Projects

Project, Local Project Sponsor and Grant Award Allocation	Project Description
 <p>Newhope Sewer Replacement Project Orange County Sanitation District (OCS D) \$1,000,000</p>	<p>The project will increase OSCD's sewer flow capacity for current and future sewer flows and will redirect approximately 8 million gallons per day of sewer flows for treatment before being sent to the Groundwater Replenishment System.</p>
 <p>2015 Integrated Watershed Protection Program Riverside County Flood Control and Water Conservation District \$5,054,302</p>	<p>The 2015 Integrated Watershed Protection Program is a three part project:</p> <ul style="list-style-type: none"> • <i>Heacock Channel</i> - will prevent potential exposure of contaminated ground water to surface water and provide flood protection to Moreno Valley. • <i>Bautista Optimization Pond</i> - will expand upon the existing recharge facilities with an approximate benefit of 1,200 acre feet per year. • <i>Baumont MDP-Line 16</i> - will install a water conveyance pipeline to connect recharge ponds to areas that collect stormwater from a tributary area of approximately 500 acres.
 <p>Santa Ana River Conservation and Conjunctive Use Program SAWPA Member Agencies \$55,000,000</p>	<p>SARCCUP is a multi-agency, watershed-wide conjunctive use program creating 69,439 acre-feet per year of new, dry-year supply by banking wet-year water, improving habitat and water conservation.</p> <p>There are three main components to the SARCCUP project:</p> <ol style="list-style-type: none"> 1. Groundwater Banking 2. Habitat Improvement 3. Water Use Efficiency

Who is SAWPA?

SAWPA is a Watershed Agency Focused on Regional Water Issues

Formed originally in 1968 as a planning agency, the Santa Ana Watershed Project Authority (SAWPA) was created to help resolve interagency conflicts and address regional water issues in the Santa Ana River watershed. SAWPA tackles issues related to water supply reliability, water quality improvement, recycled water, wastewater treatment, groundwater management, and brine disposal.

SAWPA's Role

SAWPA Administers Multi-Agency Task Forces

SAWPA serves as an administrator for several Task Forces within the watershed through meeting facilitation, contract service administration, and Task Force Agreement coordination. Through collaborative processes, SAWPA creates value by building relationships among regulators, SAWPA members, and regulated parties that allow for economies of scale, reduced costs, or increased benefits in addressing water related issues; provides regional capacity and neutral venue for supporting multi-agency forum(s) to address the water resources challenges in the Santa Ana River Watershed; and assists in the establishment and on-going facilitation of stakeholder processes to address watershed-specific issues.

SAWPA Supports its Member Agencies and Other Organizations with Water Planning

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- Facilitate communication
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- Build projects
- Operate and maintain facilities

The **SAWPA Roundtables/Task Forces** are only a few of our success stories – additional information about SAWPA programs can be found at www.sawpa.org.

SAWPA Regional Planning Efforts

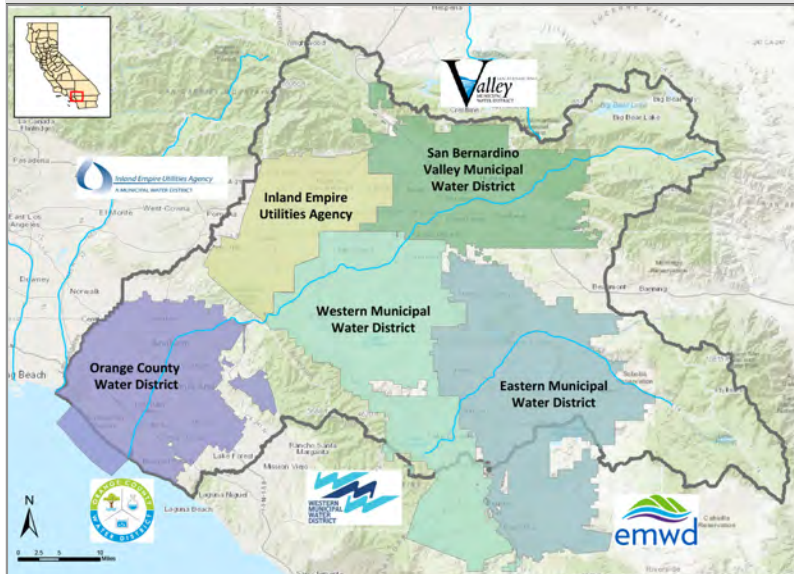
Middle Santa Ana River TMDL Task Force
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Basin Monitoring Program Task Force
Imported Water Recharge Workgroup
Regional Water Quality Monitoring Task Force
One Water One Watershed Program
Santa Ana Sucker Conservation Team
Lake Elsinore and Canyon Lake TMDL Task Force
Forest First
WECAN
Arundo Habitat Management
Lake Elsinore & San Jacinto Watersheds Authority



SAWPA ROUNDTABLES

A forum for joint management efforts to address watershed issues and regulatory challenges.

SAWPA Member Agencies



Learn More and Contact Information

For the latest information on the SAWPA Roundtables please visit:



www.sawpa.org/task-forces/



www.CAWaterLibrary.net



Contact Mark Norton at mnorton@sawpa.org

What are SAWPA Roundtables or Task Forces?

Roundtables Provide a Forum for Joint Management

The SAWPA Roundtables, also known as Task Forces, provide a forum for joint water resource management efforts to address watershed issues and regulatory compliance. The SAWPA Roundtables operate under formal and informal agreements, often with the Santa Ana Regional Water Quality Control Board as a member, and are designed to work cooperatively with the regulated community to address water quality issues. The Roundtables have a long and strong track record of partnerships with organizations with shared interests pursuing overall watershed sustainability.

What is the Purpose of the Roundtables?

Collaboration and Relationship Building

The Roundtables create value among regulators, regulated parties, and SAWPA members by facilitating stakeholder processes for collaboration, producing significant cost savings through joint efforts to address water management issues. SAWPA serves as administrator and provides both regional capacity and a neutral venue for Roundtable collaboration and watershed planning.

"SAWPA has created a **platinum template** for integrated regional planning and a cooperative stakeholder process **that can and should be copied** across the States."

— Frances Spivy-Weber, Former Vice Chair, State Water Resources Control Board

Three Major Functions of SAWPA



Collaborative Planning and Facilitation (Roundtables)



Facilities, Operation, and Management (Brine Line)



One Water One Watershed (OWOW)

SAWPA manages Workgroups, Task Forces, and Roundtables through collaboration within the region. SAWPA also runs the Inland Empire Brine line and facilitates the One Water One Watershed Program to bring together watershed community and agency members to plan for and implement projects towards a more sustainable future.



Where does SAWPA Serve?

Santa Ana River Watershed

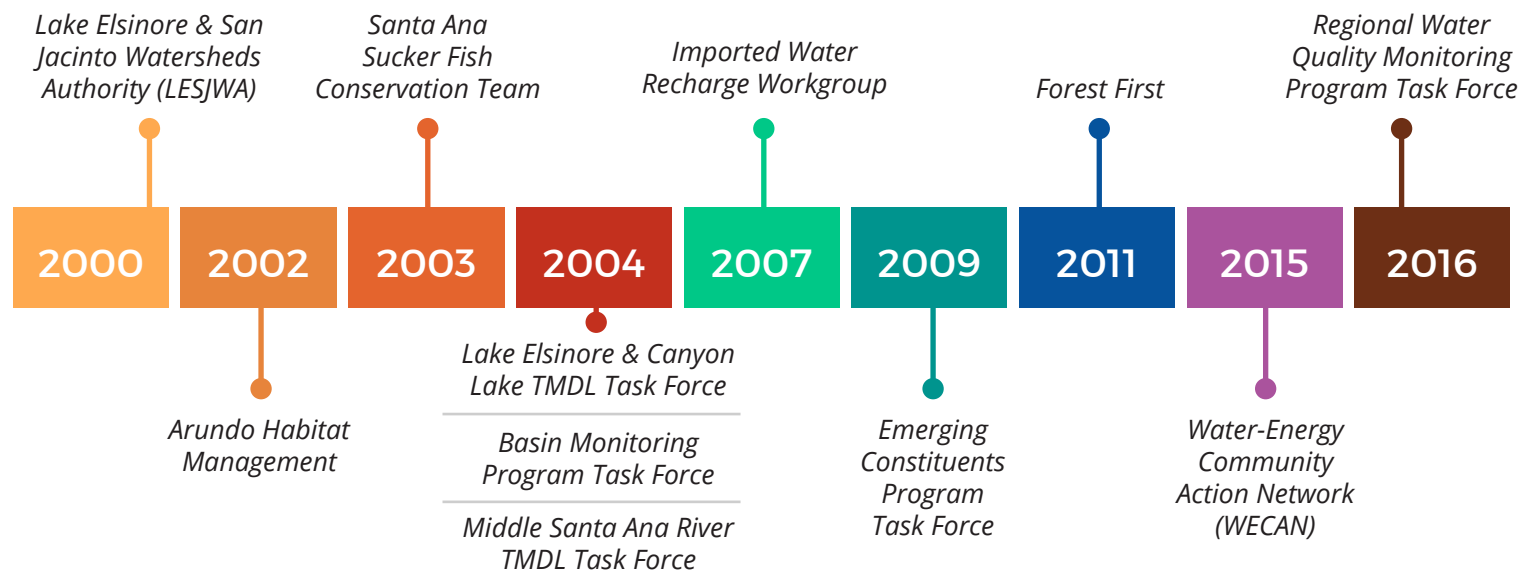
The Santa Ana River watershed, with over six million people, spans approximately 2,840 square miles and covers portions of San Bernardino, Riverside, and Orange Counties, and small portions of Los Angeles County. Since the development of the watershed's initial basin plans in the 1970s, SAWPA, its member agencies, and the Santa Ana Regional Water Control Boards, continue to collaborate on numerous water quality protection efforts.

"Today we are presented with more and more challenges. SAWPA continues to play a vital role in initiating and facilitating roundtables in which **stakeholders can develop solutions.**"

— Garry Brown, Orange County Coastkeeper and Inland Empire Waterkeeper Executive Director

History of SAWPA Roundtables

SAWPA has established 11 Roundtables/Task Forces since 2000 that are still active. In addition to serving as organizer and administrator of many multi-agency task forces, SAWPA also represents its member agencies on several regional multi-agency partnerships, including the U.S. Bureau of Reclamation's Regional Studies and the Southern California Salinity Coalition.



Arundo Habitat Management



- Provides mitigation credits and restores riparian habitat through removal of the non-native invasive vegetation such as the Arundo Donax.
- Arundo is an invasive species brought to the region for erosion control and as a forage crop for livestock but uses three times more the water than native vegetation.

Lake Elsinore & San Jacinto Watersheds Authority



- A joint powers authority that supports planning, design and implementation of project to improve water quality at Lake Elsinore, Canyon Lake and the San Jacinto River Watershed.
- Administrator of the Lake Elsinore/ Canyon Lake TMDL Task Force.

Basin Monitoring Program Task Force



- Implements an extensive water quality monitoring program in the Santa Ana River watershed.
- Studies the effects of salinity and nitrogen on the long-term sustainability of groundwater supply.

Emerging Constituents Program Task Force



- Evaluates emerging constituents of concern, such as pharmaceuticals, in the water supply.
- Builds awareness of the safety of potable drinking water.
- Implemented voluntarily as an alternative to new regulation.

Imported Water Recharge Working Group



- Models nitrogen and salt impacts to groundwater basins resulting from imported water recharge.
- Considered a statewide template for regional collaboration among regulators and the regulated community.

Regional Water Quality Monitoring Task Force



- Implements a regional surface water quality monitoring program focused on bacteria.
- Streamlines monitoring water quality efforts and reporting through collaboration.

Middle Santa Ana River TMDL Task Force



- Improves water quality by reducing bacterial concentrations in local water bodies.
- Joint monitoring efforts conducted by this task force and the Regional Water Quality Task Force have reduced costs needed to address new surface water quality regulations.

Lake Elsinore and Canyon Lake TMDL Task Force



- Addresses lake quality problems of at Lake Elsinore, Canyon Lake, and the San Jacinto River Watershed by reducing nutrient discharges (TMDL).
- Administered through a joint agreement under LESJWA that allows stakeholders to coordinate and share the cost of implementation efforts.

Santa Ana Sucker Conservation Team



- Helps address the decline of the Santa Ana Sucker, a threatened native fish species in the Santa Ana River.
- Conducts habitat surveys and implements native habitat restoration efforts for the fish.

Forest First



- Collaborative venture between the U.S. Forest Service and downstream stakeholders to develop methods to ensure forests and headwaters within the Santa Ana River Watershed are protected.
- Addresses common water issues and helps protect water quality from wildfires and debris flows to downstream recharge basins.

Water-Energy Community Action Network (WECAN)



- Regional approach to water and energy savings that support watershed sustainability and water demand reduction.
- Provides water and energy savings to disadvantaged communities through turf removal and retrofit, outreach, and in-home energy retrofits.

June 21, 2018

Mike Antos

Santa Ana Watershed Project Authority

11615 Sterling Avenue

Riverside, California 92503

Via Electronic Submittal

Subject: Remainder Tasks for the OWOW Plan Update 2018 (Revised Proposal)

Dear Mr. Antos:

Dudek is pleased to submit this proposal to you for remaining tasks exclusive of the OWOW Plan Update 2018 online presence to the Santa Ana Watershed Project Authority (SAWPA). The scope of work and budget provided conforms to the task as we understand it from our discussion.

TASK 1.1

Dudek has been working with SAWPA on the OWOW Plan Update 2018 since early January 2018 and has completed a series of items including two pillars and initial audit of OWOW Plan update requirements and editorial changes. The tasks that remain, exclusive of the task associated with develop a proposal for OWOW Plan Update 2018 online presence, which will be addressed once SAWPA and Dudek have a better understanding of the proposed final OWOW Plan 2018 Update entail the following:

- continue to support SAWPA in the OWOW Pillar and Plan editorial process;
- prepare a public review draft;
- prepare an audit and QA/QC the OWOW Plan 2018 Update to ensure compliance with 2016 Standards and review criteria;
- produce final formatted plan with graphics (cartography to be prepared by SAWPA); and
- provide feedback to SAWPA and receive feedback from SAWPA at regular intervals on deliverables produced.

COST ESTIMATE

The project fee is provided in the Cost Estimate Table on the next page.

Santa Ana Watershed Project Authority

Employee	Jane Gray	Lila Spring	Laurel Porter	Raoul B Ranoa	Todd W Anderson	Linda D Oppen Giles	Labor Hours	Labor @ Billing Rates	Total
Employee Type	Senior Project Manager/ Specialist II	Enviro Specialist/ Planner III	Technical Editor III	Senior Designer	Senior Designer	Publications Specialist II			
% Used on job	7%	4%	39%	35%	15%				
Phase	225.00	155.00	145.00	155.00	155.00				
Editorial Support	4		32	24			60	9,260	9,260.00
Public Draft Preparation	6		32	20	18		76	11,880	11,880.00
QA/QC 2016 Guidelines Compliance	4	10					14	2,450	2,450.00
Final Formatted Plan with Graphics	4		32	44	18		98	15,150	15,150.00
Total Hours	18	10	96	88	36		248	38,740	38,740.00
Total Billing	4,050	1,550	13,920	13,640	5,580			38,740	\$ 38,740.00

Should you have any questions or comments, please do not hesitate to email me at jgray@dudek.com or call me at 805.308.8531 (office) or 310.562.1704.

We thank SAWPA for the opportunity to work on the OWOW Plan 2018 Update.

Respectfully Submitted,



Jane Gray
Senior Project Manager II

COMMISSION MEMORANDUM NO. 2018.71

DATE: July 17, 2018
TO: SAWPA Commission
SUBJECT: Brine Line – Skidsteer Loader Purchase
PREPARED BY: Carlos Quintero, Operations Manager

RECOMMENDATION

It is recommended that the Commission authorize the General Manager to issue a Purchase Order in the amount of \$53,686.45 to Sonsray Machinery LLC for the purchase of a Case SR210 skidsteer loader.

DISCUSSION

In an effort to shift expenses from equipment rental for a variety of Brine Line operation activities, SAWPA would benefit from owning a skidsteer loader. A skidsteer loader can be widely used to perform minor repairs on the Brine Line, use as a forklift, and with a mower attachment allow vegetation clearing within Prado Basin and at SAWPA owned properties. The vendor, Sonsray Machinery LLC is based out of Fontana, California.

The skidsteer loader would be acquired with a standard bucket, a forklift attachment, and a mower attachment. In addition, a trailer is required to transport the skidsteer loader to and from the jobsite(s).

The cost of the trailer is estimated at \$5,189.15 (from BigTex Trailers in Beaumont, CA). A second quote was provided by Innovative Trailer Mfg in Norco, CA for \$7,818.23.

Considering the anticipated annual needs for a skidsteer loader (approximately 27 work days), the expected rental costs for a three year period would equal the cost of purchase.

A total of three quotes were requested and are summarized as follows:

Vendor	Equipment	Cost
Sonsray Machinery	Case SR210	\$53,868.45
Inland Bobcat	Bobcat S740	\$58,656.41
Quinn CAT	CAT 289D	\$83,324.25

CRITICAL SUCCESS FACTORS

5. Protect and preserve the useful life of Brine Line assets through strategic maintenance, repair, and capital improvements.
6. Conduct proactive capital and O&M planning to improve efficiency and maintain needed capacity in the long and medium terms.

RESOURCE IMPACTS

Funds for this purchase have been budgeted under Fund 240 – Brine Line Enterprise

Attachments:

1. Purchase Order for Sonsray Machinery LLC
2. Case SR210 Technical Specifications
3. PowerPoint Presentation

SAWPA
11615 Sterling Avenue
Riverside CA 92503

Purchase Order	
Purchase Order No.	PO003774
Date	7/1/2018

Buyer ID: cqintero

Vendor: 2194

Sonsray Machinery LLC 10062 Live Oak Avenue Fontana CA 92335
--

Ship To:

SAWPA 11615 Sterling Avenue Riverside CA 92503
--

Contract Number:

Shipping Method		Payment Terms		Confirm With			Page
							1
L/N	Item Number	Description	Req. Date	U/M	Ordered	Unit Price	Ext. Price
Project Number	Cost Category ID	Billing Note					
Shipping Method	Reference Number		FOB				
1	ASSET CLEARING		7/1/2018	Each	53,686.44	\$1.00	\$53,686.44
	240-00-13100-00		None				
	Case Skid Steer mowing attachment						

Requestor	Date
Dept. Head	Date
Finance	Date
General Manager/CFO	Date

Subtotal	\$53,686.44
Trade Discount	\$0.00
Freight	\$0.00
Miscellaneous	\$0.00
Tax	\$0.00
Order Total	\$53,686.44

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ENGINE

Model	FPT F5H FL463 A*F001
Emissions Certification	Tier 4 Final
Type	Diesel 4-stroke, Turbo, D.I.
Cylinders	4
Bore/Stroke	3.9 x 4.3 in (99 x 110 mm)
Displacement	207 in ³ (3.4 L)
Fuel injection	Direct, high pressure common rail – HPCR
Fuel	#2 Diesel
Fuel filter:	
Pre-filter	Beta (30) = 200/spin-on
Main filter	Beta (4) = 20/spin-on
Air intake	Turbocharged w/ waste gate and external cooled EGR
Exhaust aftertreatment	Particulate Matter Catalyst – PM Catalyst
Cooling	Liquid
Engine speeds	RPM
High idle – no load	2500 +/- 25
Rated – full load	2500
Low idle	1150 +/- 25
Horsepower @ 2500 RPM – SAE J1349:	
Gross	74 hp (55 kW)
Net	68 hp (51 kW)
Peak torque @ 1400 RPM	232 lb-ft (314 N·m)
Radiator:	
Core type	All aluminum
Core size area	2.77 ft ² (0.257 m ²)
Rows of tubes x columns	43 x 3
Cap pressure	16 +/- 2 psi (1.10 +/- 0.14 bar)
Fan:	
Diameter	20.4 in (518 mm)
Ratio	0.96:1 standard, 1.1:1 high-flow
Water pump:	
Style	Centrifugal
Flow	29 gpm (110 L/min)
Engine lubrication pump	Rotor pump w/ deep sump pan, plate cooler and pressurized under-piston nozzles
Pump operating angle ratings:	
Side to side	45°
Bucket up	35°
Bucket Down	45°

LIFT GEOMETRY

Radial Lift

DRIVETRAIN

Drive pump controls	Direct mechanical
Pump to engine ratio	1:1
Displacement	2.81 in ³ (46 cm ³)
Flow @ rated engine RPM:	
@ 97% efficiency	29.4 gpm (111 L/min)
Charge pressure	360 psi (24.5 bar)
System relief pressure	5,220 psi (360 bar)

Drive pump controls	Electro-hydraulic
Pump to engine ratio	1:1
Displacement	2.75 in ³ (45 cm ³)
Flow @ rated engine RPM:	
@ 97% efficiency	28.8 gpm (109 L/min)
Charge pressure	362 psi (24.5 bar)
System relief pressure	5,220 psi (360 bar)

Drive motors:	
Max. displacement	28.7 in ³ (470 cm ³)
Displacement – optional:	
High speed	17.2 in ³ (282 cm ³)
Motor RPM @ high idle and 97% efficiency:	
Standard 1-speed	241
Optional 2-speed	355
Motor torque @ max. displacement and relief pressure, calculated @ 5,220 psi (360 bar):	1,987 lb-ft (2 694 N·m)

Travel speed:	
Low range	7.1 mph (11.4 kph)
High range – optional	10.5 mph (16.9 kph)

Final drive	Single-reduction chain drive
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Drive chain:	
Size	ASA #100
Tensile strength	30,000 lb (133.4 kN)

Axles:	
Torque @ max. displacement and relief pressure	5,957 lb-ft (8 077 N·m)
Diameter	2.44 in (61.9 mm)
Length	15.7 in (399.0 mm)

Parking brake:	
Type	Spring-applied, hydraulic release multiple disc.
Engagement	Depress on/off brake button on handle or instrument panel, raise seat bar, get off seat or stop engine.

ELECTRICAL

Alternator	120 amp
Starter	4.29 hp (3.2 kW)

Battery	12-volt low-maintenance 1,000 cold-cranking amps @ 0° F (-18° C°)
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OPERATOR ENVIRONMENT

ROPS/FOPS Level 1 canopy w/ side screens;
Keyed start ignition; Tilt ROPS/FOPS; Rear
window w/ emergency escape; Suspension Seat,
vinyl w/ 2 in (51 mm) retractable 3 point lap seat
belt; Hand and foot throttle; Alarm package –

back-up and horn; Headliner; Dome Light; Top
window; Cup holder; 12V Power plug socket;
Foot rest; Seat pocket; Padded seat bar w/
integral armrests; Loader control lockout
system; Electric parking brake control; Operator's
compartment floor cleanout; Proportional
auxiliary hydraulic control – on joystick; Advanced
Instrument Cluster w/ digital hour meter,
tachometer, fuel level LCD bar graph w/ alarm,
diagnostic features and security lockout.

Warning lights with alarms:
Engine coolant temperature; Engine oil pressure;
Engine malfunction; Hydraulic charge pressure;
Hydraulic filter restriction; Hydraulic oil
temperature; Critical system stop, Engine
system, Hydraulic system, Electrical and
diagnostic system.

Warning alarms:
Battery voltage – plus display; Oil service.

Indicator light:
Engine preheat; Parking brake;
Seat bar reminder.

OPERATING WEIGHT

Unit equipped w/ open cab; 165 lb operator; 72 in Dirt & Foundry bucket; full of fuel; 12 x 16.5 tires:	6,970 lb (3 160 kg)
Shipping weight	6,670 lb (3 025 kg)

Add-on weights:	
Side cab glass	47 lb (21.3 kg)
Polycarbonate cab door	74 lb (33.6 kg)
Glass cab door w/ wiper	134 lb (60.8 kg)
Suspension seat	22 lb (10.0 kg)
Additional counterweight	140 lb (63.8 kg)

HYDRAULICS

Implement pump type	Gear
Displacement:	
Standard aux.	2.23 in ³ (36.6 cm ³)
High-flow aux.	0.84 in ³ (13.8 cm ³)

Standard flow @ rated engine RPM: @ 100% efficiency	24.2 gpm (91.5 L/min)
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Optional high-flow @ rated engine RPM: @ 100% efficiency	33.2 gpm (125.7 L/min)
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Loader control valve:	
Type	3 spool/open center/series - series
Relief pressure	3,050 psi (210 bar)

Port relief pressures:	
Loader raise	3,263 psi (225 bar)
Bucket curl	3,770 psi (260 bar)
Bucket dump	1,160 psi (80 bar)

Hydraulic lines:	
Tubing	37° JIC Flare
Loop hoses	SAE 100 R19

Hydraulic oil cooler:	
Number of fins	10 per inch (3.94 per cm)
Number of tube rows x columns	9 x 1
Area	137.5 in ² (890 cm ²)

Hydraulic filter	Beta (4) = 75/spin-on
------------------	-----------------------

HYDRAULICS CONT.

Lift cylinders:	
Bore diameter	2.50 in (63.5 mm)
Rod diameter	1.75 in (44.5 mm)
Stroke	31.69 in (804.9 mm)
Closed length	45.59 in (1 158.0 mm)
Bucket cylinders:	
Bore diameter	2.75 in (69.9 mm)
Rod diameter	1.38 in (34.9 mm)
Stroke	16.14 in (410.0 mm)
Closed length	24.02 in (610.0 mm)

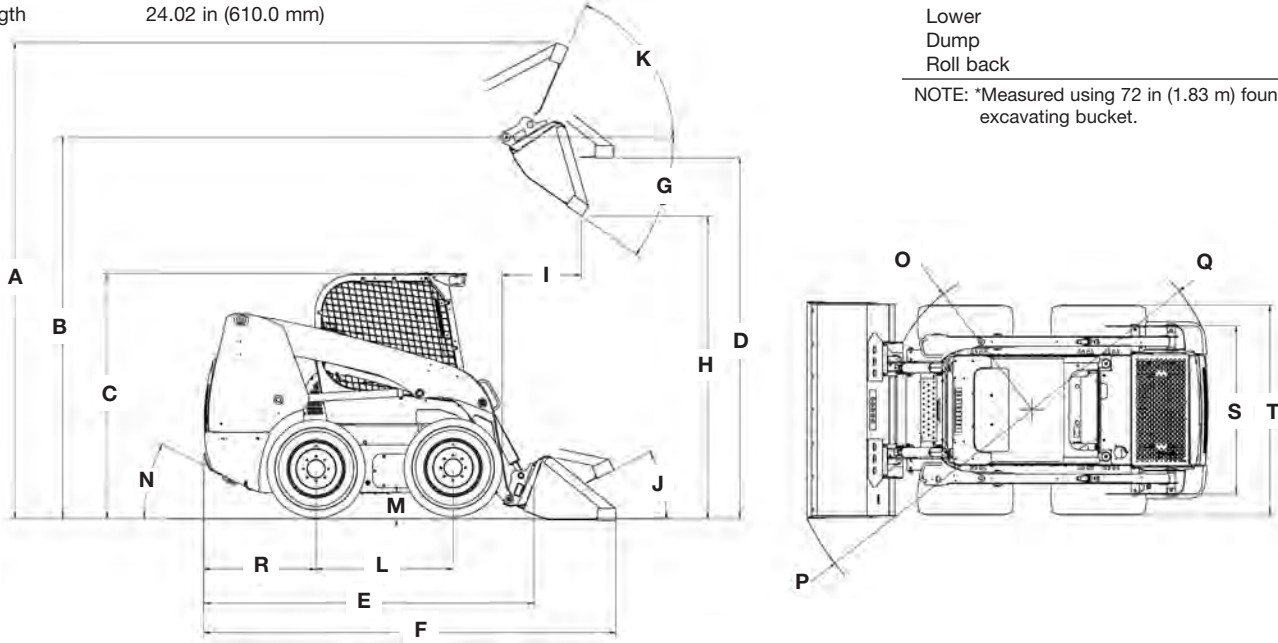
SERVICE CAPACITIES

Fuel tank	19.5 gal (73.8 L)
Engine oil w/ filter	10.0 qt (9.4 L)
Hydraulic system:	
Reservoir	7.0 gal (26.5 L)
Total	8.5 gal (32.2 L)
Chain tanks – per side	6.9 gal (26.0 L)

PERFORMANCE SPECS

Rated operating capacity – ROC*:	
50% of tipping load	2,100 lb (953 kg)
w/ additional counterweight	2,200 lb (998 kg)
Tipping load*	4,200 lb (1 905 kg)
Breakout forces @ 3,150 psi (217 bar)*:	
Bucket cylinders	7,270 lb (32.3 kN)
Lift cylinders – tip limit	4,570 lb (20.3 kN)
Cycle times:	
Raise	3.6 sec
Lower	1.8 sec
Dump	2.2 sec
Roll back	1.7 sec

NOTE: *Measured using 72 in (1.83 m) foundry/ excavating bucket.



Line drawings are for illustrative purpose only and may not be exact representation of unit.

DIMENSIONS

A. Overall operating height:	
with foundry/excavating bucket	154.3 in (3.92 m)
with low profile bucket	158.3 in (4.05 m)
with low profile extended bucket	163.2 in (4.15 m)
Height to:	
B. Bucket hinge pin	123.0 in (3.12 m)
C. Top of ROPS	78.7 in (2.00 m)
D. Bottom of level bucket, fully raised	116.1 in (2.95 m)
Overall length:	
E. without attachment with coupler	105.1 in (2.67 m)
F. with foundry/excavating bucket on ground	129.6 in (3.29 m)
with low profile bucket	133.7 in (3.40 m)
with low profile extended bucket	138.8 in (3.53 m)
G. Maximum dump angle	39.6°
H. Dump height:	
with foundry/excavating bucket	98.2 in (2.50 m) @ 39.6°
with low profile bucket	95.6 in (2.43 m) @ 39.6°
I. Dump reach at maximum height with low profile bucket	23.4 in (0.60 m) @ 39.6°
Maximum attachment rollback:	
J. Bucket on ground	31.0°
K. Bucket at full height	98.6°
L. Wheelbase	44.4 in (1.13 m)
M. Ground clearance – bottom of belly pan	8.0 in (0.20 m)
N. Angle of departure	25.0°
Clearance circle:	
O. without bucket	50.7 in (1.29 m)
P. with 72 in (1.83 m) foundry/excavating bucket in carry position	79.9 in (2.03 m)
with 72 in (1.83 m) low profile bucket on ground	83.1 in (2.11 m)
with 72 in (1.83 m) extended low profile on ground	87.7 in (2.23 m)
Q. Clearance circle rear	62.9 in (1.60 m)
R. Rear axle to bumper	36.4 in (0.92 m)
S. Tread over gauge with spec lines	56.9 in (1.45 m)
T. Over the tire width spec tires	70.0 in (1.78 m)

TIRE SELECTION

Type	Size	Thread Gauge	Over Tires Width	Each Tire Weight*
Heavy-Duty	10 L x 16.5	—	64.0 in (1.63 m)	87 lb (39.5 kg)
Premium	10 L x 16.5	—	64.0 in (1.63 m)	96 lb (44.0 kg)
Premium-Lined	10 L x 16.5	—	64.0 in (1.63 m)	63 lb (28.5 kg)
Severe-Duty	10 L x 16.5	—	64.0 in (1.63 m)	115 lb (52.5 kg)
Non-Pneumatic – Solid	10 L x 16.5	—	64.0 in (1.63 m)	229 lb (104.0 kg)
Heavy-Duty	12 L x 16.5	56.9 in (1.45 m)	70.0 in (1.78 m)	110 lb (50.0 kg)
Premium	12 L x 16.5	56.9 in (1.45 m)	70.0 in (1.78 m)	120 lb (54.5 kg)
Premium-Lined	12 L x 16.5	56.9 in (1.45 m)	70.0 in (1.78 m)	120 lb (54.5 kg)
Severe-Duty	12 L x 16.5	56.9 in (1.45 m)	70.0 in (1.78 m)	134 lb (61.0 kg)
Mining	12 L x 16.5	56.9 in (1.45 m)	70.0 in (1.78 m)	380 lb (127.0 kg)
Non-Pneumatic – Solid	12 L x 16.5	56.9 in (1.45 m)	70.0 in (1.78 m)	280 lb (127.0 kg)
Flotation	33 L x 15.5 x 16.5	—	76.0 in (1.93 m)	143 lb (65.0 kg)

NOTE: *Tire weight does not include the wheel weight.

OPTIONAL BUCKETS

Type	Width	Weight	Heaped Capacity
Dirt & Foundry	66 in (1.68 m)	385 lb (175 kg)	14.8 ft ³ (0.42 m ³)
	72 in (1.83 m)	420 lb (190 kg)	16.2 ft ³ (0.46 m ³)
	78 in (1.98 m)	440 lb (200 kg)	17.7 ft ³ (0.50 m ³)
Low Profile	66 in (1.68 m)	440 lb (200 kg)	13.4 ft ³ (0.38 m ³)
	72 in (1.83 m)	480 lb (218 kg)	14.8 ft ³ (0.42 m ³)
Low Profile Extended	66 in (1.68 m)	470 lb (214 kg)	15.9 ft ³ (0.45 m ³)
	72 in (1.83 m)	510 lb (232 kg)	17.7 ft ³ (0.50 m ³)
	78 in (1.98 m)	540 lb (245 kg)	19.1 ft ³ (0.54 m ³)
	84 in (2.13 m)	575 lb (262 kg)	20.5 ft ³ (0.58 m ³)
Light Material	72 in (1.83 m)	475 lb (216 kg)	23.3 ft ³ (0.66 m ³)
	84 in (2.13 m)	540 lb (245 kg)	27.5 ft ³ (0.78 m ³)
Manure & Slurry	72 in (1.83 m)	480 lb (218 kg)	19.1 ft ³ (0.54 m ³)
	84 in (2.13 m)	545 lb (248 kg)	22.6 ft ³ (0.64 m ³)
Heavy-Duty	66 in (1.68 m)	450 lb (205 kg)	13.1 ft ³ (0.37 m ³)
	72 in (1.83 m)	510 lb (230 kg)	14.1 ft ³ (0.40 m ³)
	78 in (1.98 m)	530 lb (240 kg)	15.5 ft ³ (0.44 m ³)
	84 in (2.13 m)	550 lb (250 kg)	17.0 ft ³ (0.48 m ³)
Heavy-Duty with spillguard	66 in (1.68 m)	520 lb (235 kg)	16.6 ft ³ (0.47 m ³)
	72 in (1.83 m)	585 lb (265 kg)	18.4 ft ³ (0.52 m ³)
	78 in (1.98 m)	605 lb (275 kg)	19.8 ft ³ (0.56 m ³)
	84 in (2.13 m)	640 lb (290 kg)	21.5 ft ³ (0.61 m ³)

STANDARD EQUIPMENT

OPERATOR ENVIRONMENT

See page 1

ENGINE

FPT F5H FL463 A*F001
207 CID (3.4 L) Turbo
Tier 4 Final Certified
Particulate Matter Catalyst
High Pressure Common Rail (HPCR)
fuel injection
Horsepower:
Gross: 74 hp (55 kW)
Net: 68 hp (51 kW)
Peak torque 232 lb-ft (314 N-m)
120 amp alternator
Dual element air cleaner
Organic Acid Technology (OAT)
Anti-freeze solution to -34° F
Fuel tank - 19.5 gal (U.S.)
Over and under radiator and oil cooler
3-stack after cooler/radiator/oil
cooler configuration
Glow plugs

OPTIONAL EQUIPMENT

OPERATOR ENVIRONMENT

Enclosed cab:
Fully sealed and pressurized – FSP
Glass door with wiper and washer
Sliding side windows – removable
Ventilation system with integrated heater
Heater and air conditioner
AM/FM radio with 2 speakers
Keyless start ignition
Electro-hydraulic controls:
For drive/steering, loader functions
Switchable between H and ISO patterns
Adjustable sensitivity of controls
Mechanical hand controls
Hand and foot controls:
Hand controls the loader drive function
and foot controls the bucket and boom
Non suspension seat
Deluxe cloth, air suspension seat, with heater
and lumbar support
Open cab interior trim package
Demolition cab door with polycarbonate
FOPS level 2
Heavy duty rear door

Integral engine oil cooler
Fuel filter with water trap
1,000 CCA 12V battery
Master electrical disconnect

DRIVETRAIN

2-speed hydrostatic four wheel drive
ASA #100HS drive chain
SAHR disc parking brake

HYDRAULICS

Auxiliary hydraulics:
@ 3,050 psi (210 bar) – 24.2 gpm
(91.5 L/min)
6 micron oil filtration system
3-spool loader control valve
Auxiliary hydraulic disconnects, ISO
flat-face – connect-under-pressure
with case drain
Hydraulic circuit pedal lock
Auxiliary function lockout override
Loader lift lockout override
Heavy-duty hydraulic oil cooler
Loader arm float position
Loader function lockout system
Hydraulic one-way self-leveling
Ride control

HYDRAULICS

High-flow auxiliary hydraulics – combined:
@ 3,050 psi (210 bar) – 33.2 gpm
(125.7 L/min)
Second auxiliary hydraulics

LOADER

Auxiliary front electric control
Hydraulic attachment coupler

DRIVETRAIN

1-speed hydrostatic four wheel drive

LOADER

Manual attachment coupler
Radial lift geometry
Loader lift arm support strut
SAE operating load: 2,100 lbs
Tipping load: 4,200 lbs

TIRES

12 X 16.5 Heavy duty

OTHER STANDARD FEATURES

Halogen lights - 2 front, 2 side, 2 rear flood
Heavy duty front lights
Pre-wired for rotating beacon
Lockable service access hood
Single-point daily servicing
Rear tail lights
Remote oil drain
Remote oil and fuel filters
Block heater
Debris ingress sealing
Mounting points for add-on counterweights

OTHER

Language decals
Factory-installed tires – see page 3
Buckets – see page 3
Bolt-on bucket cutting edges
Bolt-on heavy-duty bucket spill guard
Special paint
Offsite service arrangement
Telematics

FACTORY SUPPLIED ATTACHMENTS

Interior mirror
Add-on counterweights
Road lights
Rotating beacon
Four-corner LED strobe
Bolt-on heavy-duty bucket teeth
48 in (1.22 m) pallet forks

SERVICE PARTS

3 inch (76.2 mm) retractable seat belt

CaseCE.com

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IMPORTANT: CASE Construction Equipment Inc. reserves the right to change these specifications without notice and without incurring any obligation relating to such change. Availability of some models and equipment builds vary according to the country in which the equipment is used. The illustrations and text may include optional equipment and accessories and may not include all standard equipment. Your CASE dealer/distributor will be able to give you details of the products and their specifications available in your area.



CASE Construction Equipment is biodiesel-friendly. NOTE: All engines meet current EPA emissions regulations. All specifications are stated in accordance with SAE Standards or Recommended Practices, where applicable.



Always read the Operator's Manual before operating any equipment. Inspect equipment before using it, and be sure it is operating properly. Follow the product safety signs and use any safety features provided.

Form No. CCE201608SR210T4
Replaces Form No. CCE201603SR210T4

SR210

Skidsteer Loader Purchase

Item 5.D.
July 17, 2018

Skidsteer Loader

Recommendation to SAWPA Commission

- Authorize the General Manager to issue a Purchase Order in the amount of \$53,686.45 to Sonsray Machinery LLC for the purchase of a Case SR210 skidsteer loader.



Skidsteer Loader

- Allows for minor grading
- Serves as a forklift, with attachment
- Serves as a mower, with attachment (work at Prado Basin and SAWPA properties)
- Assists in minor Brine Line repairs
- Trailer required for transportation

Skidsteer Loader

- Three quotes obtained for the skidsteer:

Vendor	Equipment Model	Price
Sonsray Machinery	Case SR210	\$53,868.45
Inland Bobcat	Bobcat S740	\$58,656.41
Quinn CAT	CAT 289D	\$83,324.25

SAWPA – RCTC Agreement

Recommendation to SAWPA Commission

- Authorize the General Manager to issue a Purchase Order in the amount of \$53,686.45 to Sonsray Machinery LLC for the purchase of a Case SR210 skidsteer loader.

A rectangular area with a blue gradient background, transitioning from a lighter blue at the top to a darker blue at the bottom. The word "Questions?" is centered in white, sans-serif font.

Questions?

COMMISSION MEMORANDUM NO. 2018.72

DATE: July 17, 2018
TO: SAWPA Commission
SUBJECT: Brine Line Reach 4B Upper Relocation
PREPARED BY: Carlos Quintero, Operations Manager

RECOMMENDATION

It is recommended that the Commission authorize the General Manager to execute an agreement between SAWPA and the Riverside County Transportation Commission establishing the terms for the proposed relocation of approximately 150 linear feet of Reach 4B Upper as a result of a conflict with a Southern California Edison high voltage conduit.

DISCUSSION

As part of the Riverside County Transportation Commission (RCTC) 91 Freeway Improvement project, a high voltage conduit owned by Southern California Edison (SCE) had to be relocated and placed adjacent to the Brine Line with an approximate horizontal separation of 1-foot.

Given that SCE had few viable alternatives for relocation of the conduit, it was agreed that SAWPA would relocate approximately 150 linear feet of the Brine Line to allow adequate separation (~ 3 feet). It was also agreed that the RCTC would reimburse SAWPA for any costs incurred as part of this relocation. SAWPA's cost estimate is \$68,400 and work will be performed by the SAWPA Operations department.

The project will be implemented in the cooler parts of the year, since a short shutdown of the Arlington Desalter will be required to allow for the necessary connections.

The section of the Brine Line proposed for relocation is 20-inch diameter high density polyethylene (HDPE) pipe and it's located within Caltrans Right-of-Way.

CRITICAL SUCCESS FACTORS

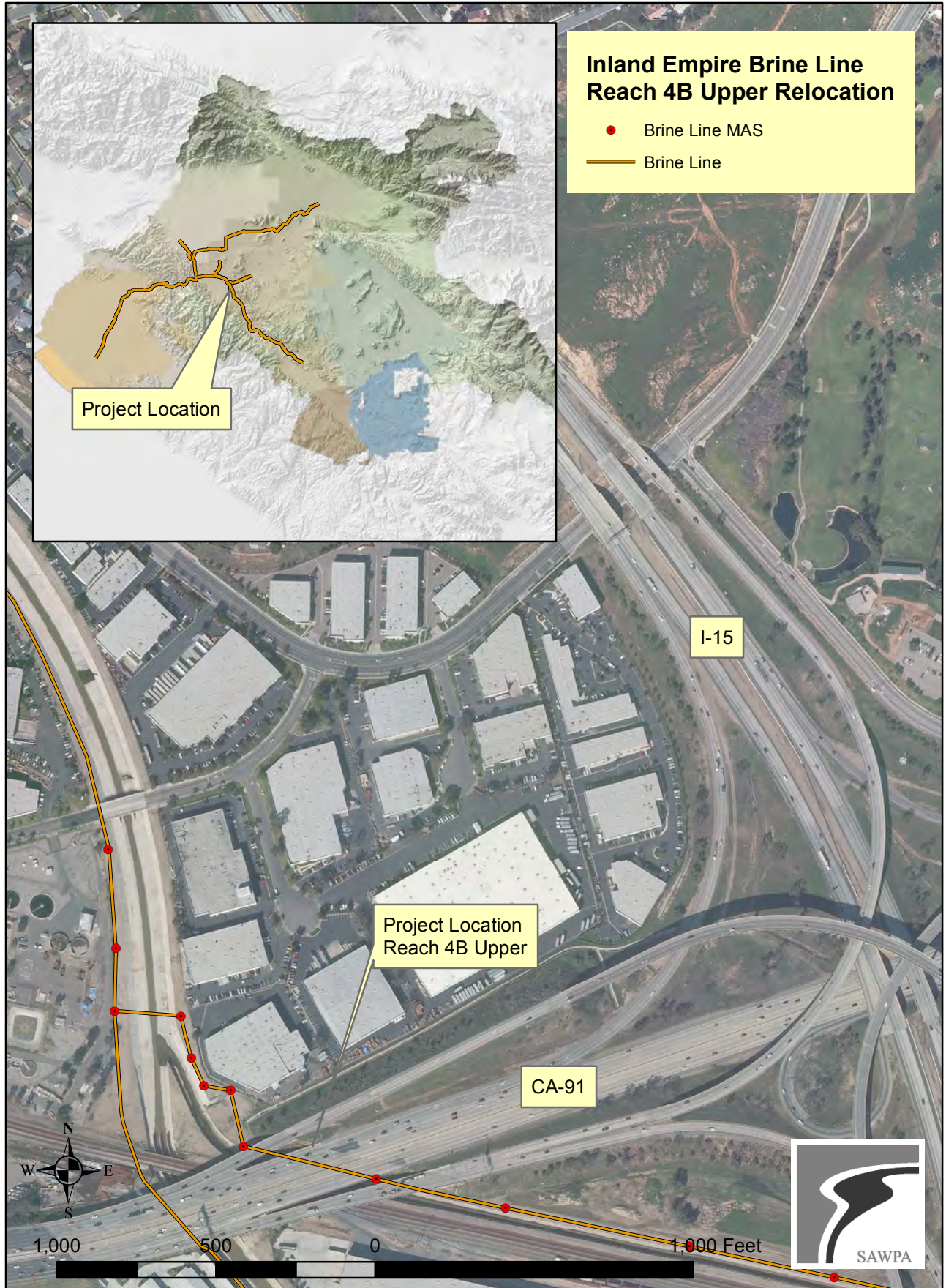
5. Protect and preserve the useful life of Brine Line assets through strategic maintenance, repair, and capital improvements.

RESOURCE IMPACTS

Funds for the proposed relocation will be reimbursed by the Riverside County Transportation Commission.

Attachments:

1. Project Area Map
2. Agreement between SAWPA and the Riverside County Transportation Commission
3. PowerPoint presentation



**RIVERSIDE COUNTY TRANSPORTATION COMMISSION
BRINE LINE RELOCATION AGREEMENT
WITH SANTA ANA WATERSHED PROJECT AUTHORITY
(91 CORRIDOR IMPROVEMENT PROJECT)**

This Brine Line Relocation Agreement ("Agreement") is entered into as of this ____ day of _____ 2018 ("Effective Date"), by and between the Riverside County Transportation Commission ("Commission") and the Santa Ana Watershed Project Authority ("SAWPA"). The Commission and SAWPA are sometimes referred to herein individually, as "Party", and collectively, as the "Parties".

RECITALS

WHEREAS, the Commission has been undertaking the State Route 91 Corridor Improvement Project ("Project"), which involves, among other things, the relocation of utilities in conflict with the Project.

WHEREAS, the Project included relocation of Southern California Edison ("SCE") overhead distribution lines with aerial and underground components pursuant to Commission Notice to Owner Number 23036, with the SCE work completed in accordance with Conceptual Plan No. 1264 ("SCE 1264 Alignment").

WHEREAS, the SCE 1264 Alignment has placed the relocated SCE facility ("Relocated SCE Facility") with a horizontal separation of less than one foot for approximately 150 linear feet along a portion of the SAWPA brine line.

WHEREAS, the Parties agree that the SCE 1264 Alignment was the best alternative available to the Commission, and SAWPA agreed to accept this alignment, provided that the Commission agreed to fund relocation of the impacted portion of the brine line to increase the horizontal separation from the Relocated SCE Facility by an additional distance of at least one (1) foot.

WHEREAS, SAWPA has provided evidence of its right to maintain the brine line in its current location.

WHEREAS, SAWPA shall complete the brine line relocation work as specified herein, at the Commission's cost.

NOW, THEREFORE, in consideration of the terms and conditions contained herein, along with other good and valuable consideration, the sufficiency of which is hereby acknowledged, the Parties hereby agree as follows.

TERMS

1. Term. This Agreement shall commence on the date first set forth above, and shall remain in effect until completion of the Work, and final payment therefor by the Commission.

2. Brine Line Relocation Work. SAWPA has reviewed the SCE 1264 Alignment, the Relocated SCE Facility and all applicable plans, drawings and other materials, and has prepared design and cost estimates for the SAWPA brine line relocation work. SAWPA shall relocate that 150 linear foot portion of the brine line within one (1) foot of the Relocated SCE Facility as more specifically described on Exhibit A (the "Work"). SAWPA shall conduct the Work in a good and workmanlike manner and in compliance with all applicable federal, state, and local laws, rules and regulations. SAWPA shall obtain any permits or other approvals required for completion of the Work. The Relocated SCE Facility shall be protected in place during the conduct of the Work. SAWPA shall complete the Work in such a manner so as not to interfere with or otherwise disturb or damage the Relocated SCE Facility.

3. Timing of Brine Line Relocation Work. SAWPA intends to commence the Work within 120 days of the Effective Date. SAWPA anticipates that the Work shall be completed within 180 days of the commencement date. Neither Party shall be responsible to the other for damages resulting from delays in the performance of obligations hereunder resulting from action of the elements, fire, flood, "Acts of God", strikes, lockouts, permit delays or any other such causes beyond said Party's reasonable control.

4. Performance of Work.

A. SAWPA agrees to perform the Work with its own forces or to cause the Work to be performed by SAWPA's contractor, employed by written contract on a continuing basis to perform work of this type, and to provide and furnish all necessary labor, materials, tools, and equipment required therefore, and to prosecute said work diligently to completion.

B. If applicable, use of out-of-state personnel (or personnel requiring lodging and meal "per diem" expenses) shall not be allowed without prior written authorization by the Commission's representative. Requests for such permission must be contained in SAWPA's estimate of actual and necessary relocation costs. SAWPA shall include an explanation why local employee or contract labor is not considered adequate for the relocation work proposed. Per Diem expenses shall not exceed the per diem expense amounts allowed under the California Department of Transportation's Department of Personnel Administration travel expense guidelines.

5. Payment for Work.

A. The Commission shall pay all undisputed actual and necessary cost of the Work, up to Sixty Eight Thousand, Four Hundred Dollars (\$68,400), within thirty (30) days after approval by the Commission of SAWPA's itemized invoice, signed by a responsible official of SAWPA's organization and prepared on SAWPA's letterhead, compiled on the basis of the actual and necessary costs and expenses incurred and charged or allocated to the Work.

B. SAWPA's invoices shall include all costs incurred for (i) SAWPA staff time, (ii) equipment and materials, (iii) subcontracted HDPE services, and (v) administrative overhead costs. Any indirect or overhead costs charged to the Commission for the Work shall comply with federal requirements.

C. It is understood and agreed that the Commission will not pay any voluntary upgrades to the SAWPA brine line, beyond the scope set forth in Exhibit "A".

D. Not more frequently than once a month, but at least quarterly, SAWPA shall prepare and submit progress bills for costs incurred not to exceed SAWPA's recorded costs as of the billing date less estimated credits applicable to completed work, and shall submit a final bill to the Commission within thirty (30) days after completion of the Work.

E. Payment not to exceed one hundred twenty-five percent (125%) of the estimated amount of total SAWPA's cost as shown in paragraph (A) above may be made under the terms of this Agreement after receipt and approval by the Commission of documentation supporting the cost increase. Payment, the aggregate sum of which exceeds one hundred twenty-five percent (125%) of the estimated amount of the Commission's liability described in paragraph (A) above, may be made after receipt and approval by the Commission of documentation supporting the cost increase and after an amendment to this Agreement has been executed by the parties to this Agreement.

F. Notwithstanding any other provision of this Agreement, SAWPA shall notify the Commission in advance of any costs anticipated to exceed the sum set forth in paragraph (A) above, and shall obtain Commission's prior written approval of such cost increase.

G. Detailed records from which the billing is compiled shall be retained by the SAWPA for a period of three (3) years from the date of the final payment and will be available for audit by the Commission, State and/or Federal auditors. SAWPA agrees to comply with Contract Cost Principles and Procedures as set forth in 48 CFR, Chapter 1, Part 31, et seq., 23 CFR, Chapter 1, Part 645. If a subsequent Commission, state and/or federal audit determines payments to be unallowable, SAWPA agrees to reimburse the Commission within thirty (30) days after receipt of the Commission billing of the disallowed payments. If a dispute arises over the need for, or the amount of, reimbursement, the Parties shall meet and confer in good faith to attempt to resolve such dispute. The obligations under this paragraph shall survive expiration or termination of this Agreement.

5. Indemnification. To the extent permitted by applicable law, SAWPA agrees to defend, indemnify and hold harmless the Commission, and its directors, officers, agents and employees, from every kind or character of damages, fines, penalties, losses, liabilities, expenses, demands or claims, including any and all costs and fees arising out of litigation or settlement of any claims (collectively, "Losses"), arising from or relating to the acts or omissions of SAWPA, its agents, employees, contractors or consultants in connection with this Agreement or the Work. This indemnification obligation shall survive expiration or termination of this Agreement.

6. Insurance. SAWPA represents and warrants that it is sufficiently insured to conduct the Work, and shall assure that all of its agents or contractors conducting the Work maintain general liability and property damage insurance in commercially reasonable amounts, as determined by SAWPA, which insurance shall be maintained at all times during the term of this Agreement. The Commission shall be added as an additional insured to such policies.

7. Prevailing Wage. SAWPA acknowledges that any Work performed its contractors is a public work under the definition of Labor Code section 1720(a) and is therefore subject to prevailing wage requirements. SAWPA shall comply with all applicable prevailing wage requirements.

8. Buy America.

A. It is understood that said highway is a Federal aid highway and accordingly, 23 CFR, Chapter 1, Part 645 is hereby incorporated into this Agreement by reference; provided, however, that the provisions of any agreements entered into between the Commission and SAWPA pursuant to State law for apportioning the obligations and costs to be borne by each, or

the use of accounting procedures prescribed by the applicable Federal or State regulatory body and approved by the Federal Highway Administration, shall govern in lieu of the requirements of said 23 CFR 645.

B. In addition, the provisions of 23 CFR 635.410, Buy America (BA), are also incorporated into this agreement. The BA requirements are further specified in MAP 21, section 1518; 23 CFR 635.410 requires that all manufacturing processes have occurred in the United States for steel and iron products (including the application of coatings) installed on a project receiving funding from the FHWA.

C. SAWPA understands and acknowledges that the Work is subject to the requirements of the Buy America law (23 U.S.C., Section 313) and applicable regulations, including 23 CFR 635.410 and FHWA guidance. SAWPA hereby certifies that in the performance of this Agreement, for products where Buy America requirements apply, it shall use only such products for which it has received a certification from its supplier, or provider of construction services that procures the product certifying Buy America compliance. This does not include products for which waivers have been granted under 23 CFR 635.410 or other applicable provisions or excluded material cited in the Department's guidelines for the implementation of Buy America requirements for utility relocations issued on December 3, 2013.

9. Right to Terminate. If the Commission's project which precipitated this Agreement is canceled or modified so as to eliminate the necessity of Work, the Commission shall notify SAWPA in writing and the Commission reserves the right to terminate this Agreement by amendment. The amendment shall provide mutually acceptable terms and conditions for terminating the Agreement.

10. Entire Agreement. This Agreement contains the entire agreement between the Commission and SAWPA with respect to the Work.

11. Time of Essence. Time is of the essence for each and every provision of this Agreement.

12. Notice. All notices permitted or required under this Agreement shall be given to the respective parties at the following address, or at such other address as the respective Parties may provide in writing for this purpose:

SAWPA:
Santa Ana Watershed Project Authority
11615 Sterling Avenue
Riverside, CA 92503
Attn: Richard Haller

COMMISSION:
Riverside County Transportation Commission
4080 Lemon Street, 3rd Floor
Riverside, CA 92501
Attn: David Thomas

Such notice shall be deemed made when personally delivered or when mailed, forty-eight (48) hours after deposit in the U.S. Mail, first class postage prepaid and addressed to the actual party at its applicable address. Actual notice shall be deemed adequate notice on the date actual notice occurred, regardless of the method of service.

13. Governing Law and Venue. This Agreement shall be construed, enforced, governed by, interpreted, and performed pursuant to the laws of the State of California. The parties hereby agree that venue for any action brought to enforce the terms of this Agreement shall be in a court of competent jurisdiction in the County of Riverside, California.

14. Amendment; Modification. No supplement, modification, or amendment of this Agreement shall be binding unless executed in writing and signed by the Parties.

15. Waiver. No waiver of any default shall constitute a waiver of any other default or breach, whether of the same or other covenant or condition. No waiver, benefit, privilege, or service voluntarily given or performed by a Party shall give the other Party any contractual rights by custom, estoppel, or otherwise.

16. Cooperation. Each party shall proceed in all due diligence with any act required to be carried out hereunder. The Parties shall each execute and deliver any and all documents and perform any acts that are reasonably necessary to effectuate the provisions of this Agreement.

17. Severability. If any provision of this Agreement is finally determined by a court to be invalid or unenforceable as written, the provision shall, if possible, be enforced to the extent reasonable under the circumstances and otherwise shall be deemed deleted from this Agreement. The other provisions of this Agreement shall remain in full force and effect so long as the material purposes of the Agreement and understandings of the parties are not impaired.

18. Authority to Enter Agreement. The Parties represent that they each have the requisite power and authority to conduct their business and to execute, deliver, and perform the requirements of, this Agreement. Each Party warrants that the individuals who have signed this Agreement have the legal power, right, and authority to enter into this Agreement and bind each respective party.

19. Counterparts. This Agreement may be signed in counterparts, each of which shall constitute an original.

[Signatures on following page]

**SIGNATURE PAGE
TO
RIVERSIDE COUNTY TRANSPORTATION COMMISSION
BRINE LINE RELOCATION AGREEMENT
WITH SANTA ANA WATERSHED PROJECT AUTHORITY
(91 CORRIDOR IMPROVEMENT PROJECT)**

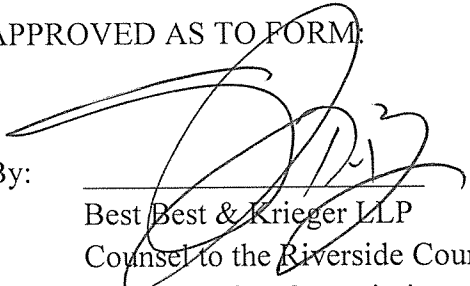
**RIVERSIDE COUNTY
TRANSPORTATION COMMISSION**

**SANTA ANA WATERSHED PROJECT
AUTHORITY**

By: _____
Anne Mayer, Executive Director

By: _____
Its: _____

APPROVED AS TO FORM:

By: 
Best Best & Krieger LLP
Counsel to the Riverside County
Transportation Commission

APPROVED AS TO FORM

By: _____
Its: _____

EXHIBIT "A"
PLANS FOR THE WORK

[attached behind this page]

INLAND EMPIRE BRINE LINE REACH 4B UPPER RELOCATION

**Santa Ana Watershed
Project Authority**
11615 STERLING AVENUE
RIVERSIDE, CA 92503
951-354-4220



SHEET INDEX

SHEET NO. DESCRIPTION
GENERAL

T-1 TITLE SHEET
G-1 GENERAL NOTES

CIVIL
C-1 PLAN VIEW
C-2 PIPE CONNECTION DETAILS



APRIL 2018

NTS

APPROVED BY:

DAVID RINAL, P.E.
ENGINEERING MANAGER

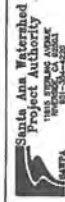
DATE

PROJECT NO. 15-00000
SHEET NO. 1-1



INLAND EMPIRE BRINE LINE
REACH IV-B UPPER RELOCATION

TITLE PAGE

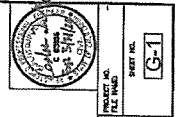


UNDERGROUND SERVICE ALERT
CALL TOLL FREE
800-4-A-SHIELD
227-3600

DATE: 04/18/18
DRAWN BY: [blank]
CHECKED BY: [blank]
DATE: 04/18/18

GENERAL NOTES

1. LOCATIONS OF UNDERGROUND UTILITIES SHOWN IN THE DRAWINGS WERE OBTAINED FROM AVAILABLE RECORDS. UNLESS THE OWNER OR CONSULTING ENGINEER ASSIGNS ANY RESPONSIBILITY FOR UTILITIES NOT SHOWN, OR NOT IN THE LOCATION SHOWN, THE CONTRACTOR SHALL VERIFY THE LOCATION AND DEPTH OF ALL UTILITIES AND SHALL TAKE ALL PRECAUTIONARY MEASURES NECESSARY TO PREVENT DAMAGE TO UTILITIES AND TO PROTECT THE PUBLIC FROM DAMAGE TO UTILITIES. CONTRACTOR SHALL PORTABLE ALL EXISTING UTILITIES WITHIN A FIVE FOOT BOUND OF THE LIMITS OF PROPOSED ACCESS STRUCTURES.
2. THE CONTRACTOR SHALL CONTACT "UNDERGROUND SERVICES ALERT" (USA) AT 1-800-227-2600 FOR FIELD LOCATION OF UTILITIES AT LEAST 48 HOURS PRIOR TO THE START OF WORK.
3. THE CONTRACTOR SHALL VERIFY ALL EXISTING ITEMS WITHIN OR ADJACENT TO THE LIMITS OF WORK. THE CONTRACTOR SHALL TAKE ALL NECESSARY PRECAUTIONS TO PROTECT EXISTING IMPROVEMENTS WHICH ARE TO REMAIN IN PLACE FROM DAMAGE. ALL IMPROVEMENTS DAMAGED BY CONTRACTOR'S OPERATIONS SHALL BE RECONSTRUCTED OR REPAIRED TO THE OWNER'S SATISFACTION AT THE CONTRACTOR'S EXPENSE WITHOUT ADDITIONAL COMPENSATION.
4. THE CONTRACTOR SHALL ASSUME SOLE AND COMPLETE RESPONSIBILITY FOR JOB SITE CONDUITS DURING THE COURSE OF CONSTRUCTION OF THIS PROJECT, INCLUDING SAFETY OF ALL PERSONS AND PROPERTY. THESE REQUIREMENTS SHALL APPLY TO ALL WORK AND SHALL NOT BE LIMITED TO PERSONS WORKING WITHIN THE PROJECT. CONTRACTOR SHALL OBTAIN AND MAINTAIN ALL NECESSARY PERMITS AND SHALL BE RESPONSIBLE FOR THE PERFORMANCE OF WORK ON THIS PROJECT, EXCEPTING FOR LIABILITY ARISING FROM THE SOLE NEGLIGENCE OF THE OWNER OR THE CONSULTING ENGINEER.
5. LOCATIONS OF ALL EXISTING UTILITIES INDICATED ON DRAWINGS ARE APPROXIMATE. THE CONTRACTOR SHALL DETERMINE WATER, GAS, ELECTRIC, TELEPHONE AND CABLE SERVICES AND EXISTING SOFT AND STONE BENCH LINES PRIOR TO INSTALLING THE NEW STRUCTURES.
6. PROFILE PROFILE ELEVATIONS ARE EXPRESSED IN FEET ABOVE MEAN SEA LEVEL (MSL). HORIZONTAL DISTANCES ARE IN US FEET.
7. THE CONTRACTOR IS ADVISED THAT THE WORK ON THIS PROJECT MAY INVOLVE WORKING IN A CONFINED AIR SPACE. CONTRACTOR SHALL OBTAIN AND PAY FOR ALL PERMITS REQUIRED FOR CONSTRUCTION WITHIN THE CITY OF CORONA OR THE RIVERSIDE COUNTY FLOOD CONTROL AND WATER CONSERVATION DISTRICT.
8. NOT ALL PIPE FITTINGS OR APPURTENANCES ARE CALLED OUT OR SHOWN BUT ARE REQUIRED TO BE PROVIDED BY THE CONTRACTOR TO PROVIDE A COMPLETE PIPING SYSTEM.
9. DIMENSIONED DISTANCES SHALL COVER OVER SCALED DISTANCES.
10. UTILIZE DIELECTRIC COUPLINGS AND SIMILAR INSULATION BETWEEN DISSIMILAR METALS, INCLUDING BETWEEN STEEL, STAINLESS STEEL, DUCTILE IRON AND COPPER.
11. CONTRACTOR SHALL MAINTAIN SAFE AND CONTINUOUS ACCESS TO ALL BUSINESSES, RESIDENCES, AND PUBLIC FACILITIES WITH REFERENCE TO THE WATCH MANUAL ALONG THE PRELINE ALIGNMENT.
12. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ANY DEMONSTRATION AND/OR BRUSH MARKS WHICH WILL BE DESTROYED OR DESTROYED BY CONSTRUCTION. SUCH POINTS SHALL BE IDENTIFIED AND REPLACED WITH APPROPRIATE MONUMENTATION BY A LICENSED AND SURVEYOR OR A REGISTERED CIVIL ENGINEER AUTHORIZED TO PRACTICE LAND SURVEYING. MONUMENTATION AS REQUIRED BY THE LAND SURVEYOR'S ACT, THE COUNTY OF RIVERSIDE AND THE CITY OF LAKE ELSAHO.
13. THE CONTRACTOR SHALL VERIFY LOCATIONS OF ALL PROPERTY LINES, RIGHT OF WAY LINES, AND EASEMENTS PRIOR TO THE START OF WORK. THE CONTRACTOR SHALL LIMIT WORK TO WITHIN THE PERMANENT AND CONSTRUCTION EASEMENTS.
14. ANY DEVIATIONS FROM THE CONTRACT DOCUMENTS MUST BE ACCEPTED BY THE OWNER OR ENGINEER, IN WRITING, PRIOR TO THE WORK BEING DONE. ANY DEVIATIONS PERFORMED WITHOUT WRITTEN ACCEPTANCE WILL NOT BE PAID FOR AND MAY BE REQUIRED TO BE REDONE AT THE CONTRACTOR'S EXPENSE.
15. UNLESS NOTED OTHERWISE, ALL WORK SHOWN IN THESE DOCUMENTS IS NEW AND TO BE PERFORMED UNDER THIS CONTRACT. PIPES SHALL SLOPE UNDERMINALLY BETWEEN INVERT ELEVATIONS NOTED AND SHALL BE CONNECTED TO PROVIDE A COMPLETE SMOOTH FLOW PATH.
16. CONNECTIONS BETWEEN DIFFERENT CLASSES OF PIPE SHALL BE MADE WITH A CONNECTION RATED FOR THE HIGHER PRESSURE CLASS.
17. RESTORATION OF ROADWAY, THE CONTRACTOR SHALL REPAIR OR REPLACE ALL EXISTING IMPROVEMENTS WITHIN THE RIGHT OF WAY WHICH ARE NOT DESIGNATED FOR PERMANENT REMOVAL (TRAFFIC SIGNS, STRIPES, PAVEMENT MARKERS, PAVEMENT IMPROVEMENTS, ETC.) AS A RESULT OF CONSTRUCTION OPERATIONS. REPAIRS AND REPLACEMENTS SHALL BE AT LEAST EQUAL TO EXISTING IMPROVEMENTS.
18. CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR MAINTAINING, PROTECTING AND BRACING EXISTING UTILITY POLES AND ARCHES THAT ARE IN CLOSE PROXIMITY TO THE PRELINE TRENCH. CONTRACTOR SHALL CONTACT UTILITY POLE OWNER AND COORDINATE ANY SPECIAL SERVICES REQUIRED BY THE UTILITY POLE OWNER DUE TO THE CONTRACTOR'S TRENCHING.
19. ALL CONCRETE REMOVALS SHALL BE TO THE NEAREST CONSTRUCTION, CONTROL OR EXPANSION JOINT.
20. ALL CONCRETE REMOVALS SHALL BE TO THE NEAREST CONSTRUCTION, CONTROL OR EXPANSION JOINT.
21. ALL CONCRETE REMOVALS SHALL BE TO THE NEAREST CONSTRUCTION, CONTROL OR EXPANSION JOINT.
22. ALL REINFORCING BARS AND CRITICAL UTILITY CROSSINGS POINTS SHALL BE EXPOSED AND ACCURATELY LOCATED AT THE START OF CONSTRUCTION. THE CONTRACTOR SHALL BE NOTIFIED OF ANY DISCREPANCIES PRIOR TO ORDERING MATERIALS OR THE START OF CONSTRUCTION.
23. DURING THE PERIOD OF CONSTRUCTION THE CONTRACTOR SHALL FURNISH, ERECT AND MAINTAIN WARNING SIGNALS, SIGNAL BARRIAGES, AND OTHER SAFETY MEASURES AS DIRECTED BY APPROVED TRAFFIC CONTROL PLANS, WITH REFERENCE TO THE WATCH MANUAL.
24. THE CONTRACTOR SHALL NOT OPEN MORE TRENCHES THAN CAN BE PROPERLY COMPLETED IN A DAY'S OPERATION. ANY TRENCH OPENED SHALL BE PROTECTED BY APPROVED SAFETY MEASURES AND MUST BE FENCED WITH A 6-FOOT CHAIN LINK FENCE AND PROPERLY LIGHTED, OR BRIDGED BY A CUT OR CANTON, AS APPROPRIATE, APPROVED TRAFFIC PLATE WITH REFERENCE TO THE WATCH MANUAL.
25. A CAL/OSHA PERMIT IS REQUIRED FOR TRENCHES OVER 4-FOOT IN DEPTH.
26. TRAFFIC SIGNAL BARRIAGES SHALL BE PROVIDED BY THE AGENCY HAVING JURISDICTION. HOWEVER, THE CONTRACTOR IS REQUIRED TO OVE 48-HOUR NOTICE PRIOR TO THE COMMENCEMENT OF WORK. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF ALL EXISTING UTILITIES AND ALL OTHER STRUCTURES TO BE PROTECTED FROM COLLISION AND ALL OTHER STRUCTURES TO BE PROTECTED FROM COLLISION AND ALL OTHER STRUCTURES TO BE PROTECTED FROM COLLISION.
27. ALL WORK SHALL BE PROTECTED FROM COLLISION AND ALL OTHER STRUCTURES TO BE PROTECTED FROM COLLISION AND ALL OTHER STRUCTURES TO BE PROTECTED FROM COLLISION.
28. PUBLIC STREETS SHALL BE KEPT CLEAN AND FREE FROM DIRT AND/OR DEBRIS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL COSTS INCURRED IN STREET CLEANING NECESSARY BY HIS OPERATION.
29. NOTICE IS REQUIRED FOR INSPECTION AND FIELD TESTS 24-HOURS IN ADVANCE OF THE OPERATION.
30. NO CHANGES SHALL BE MADE TO THIS PLAN WITHOUT THE REVIEW AND WRITTEN APPROVAL OF THE OWNER OR ENGINEER.
31. ALL MATERIALS, PRODUCTS, OR OTHER ITEMS INSTALLED ON THIS PROJECT SHALL BE MANUFACTURED IN THE UNITED STATES OF AMERICA UNLESS PRIOR APPROVAL IS OBTAINED.
32. ALL STANDING IS REFERENCED TO THE CENTERLINE OF THE PIPE.
33. ALL TRENCH BACKFILLS SHALL BE TESTED AND CERTIFIED BY A SOILS ENGINEER (CONTRACTOR RETAINER, SAME APPROVED) PRIOR TO ACCEPTANCE AND APPROVAL. ACCEPTANCE AND APPROVAL MUST BE OBTAINED PRIOR TO THE CONSTRUCTION OF THE TRENCH. SAME APPROVED SHALL BE PRESENT FOR ALL TESTING. BACKFILL SHALL BE COMPACTED PER SPEC SECTION 0220.
34. THE CONTRACTOR SHALL REPLACE ALL CONDUITS DISTURBED BY THE CONTRACTOR'S OPERATIONS. NEW CONDUITS SHALL BE PULLED WITH THE APPROPRIATE SPARES FROM PULL BOX TO PULL BOX. NEW INTERCONNECT CABLE SHALL BE PULLED FROM SHALL MAINTAIN FULL LIABILITY UNTIL SIGNALS ARE IN APPROVED WORKING ORDER.
35. ALL UTILITY SERVICES SHALL REMAIN IN SERVICE TO EACH OF THE ADJACENT PROPERTIES UNLESS WRITTEN APPROVAL OF SAME IS OBTAINED PRIOR TO ANY WORK BEING STARTED.
36. ALL WORK INCLUDING FLASHING OF NO. 30 GALVANIZED OR BLACKENED METAL SHALL BE DONE IN CONFORMANCE WITH THE APPROVABLE PROVISIONS OF THE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION, 2004 EDITION UNLESS NOTED BY THE PROJECT DOCUMENTS.
37. ALL NEW PAVEMENT TYPES SHALL MATCH EXISTING ASPHALT TYPES I.E. RUBBER TO RUBBER, AR 4000 TO AR 4000.
38. ALL PROBERTY OWNERS & RESIDENTS IN THE PROJECT AREA SHALL BE GIVEN ONE (1) WEEKS NOTICE PRIOR TO THE START OF CONSTRUCTION.
39. ALL "AC EASEMENTS" (AREAS OF 3'4" OR LESS FROM TRENCH CUT TO THE TOP OF CUTTER OR CURB FACE) SHALL BE REMOVED AND REPAIRED WITH THE TRENCH.
40. ALL PAVING SHALL BE AT LANE LINE OR 4 FEET FROM THE LANE LINE. NO PAVING SHALL END IN THE WHEEL PAIR OF ANY TRAVEL LANE.
41. CONTRACTOR SHALL STAKE OUT STRUCTURE LOCATIONS IN ACCORDANCE WITH SPEC SECTION 01050.
42. ALL BARRIERS AND ENCLOSURES SHALL BE IN ACCORDANCE WITH THE ENCROACHMENT PERMITS AND AS DETAILED IN THE CONTRACT DOCUMENTS. ALL BARRIERS SHALL BE IN ACCORDANCE WITH THE ENCROACHMENT PERMITS AND AS DETAILED IN THE CONTRACT DOCUMENTS.
43. CONTRACTORS SHALL BE RESPONSIBLE FOR THE PROTECTION OF ALL EXISTING UTILITIES AND ALL OTHER STRUCTURES TO BE PROTECTED FROM COLLISION AND ALL OTHER STRUCTURES TO BE PROTECTED FROM COLLISION.
44. CONTRACTORS SHALL BE RESPONSIBLE FOR DEVELOPING AND IMPLEMENTING A SPILL PREVENTION AND RESPONSE PLAN AT NO ADDITIONAL COST TO THE OWNER.
45. THE TERMS "CONTRACTOR" AND "SMPA" SHALL BE USED INTERCHANGEABLY SINCE SMPA IS SELF-PERFORMING THIS WORK.
46. CONTRACTOR SHALL FOLLOW BMP'S TO PREVENT ANY SEDIMENT FROM REACHING THE FLOOD CONTROL CHANNEL.

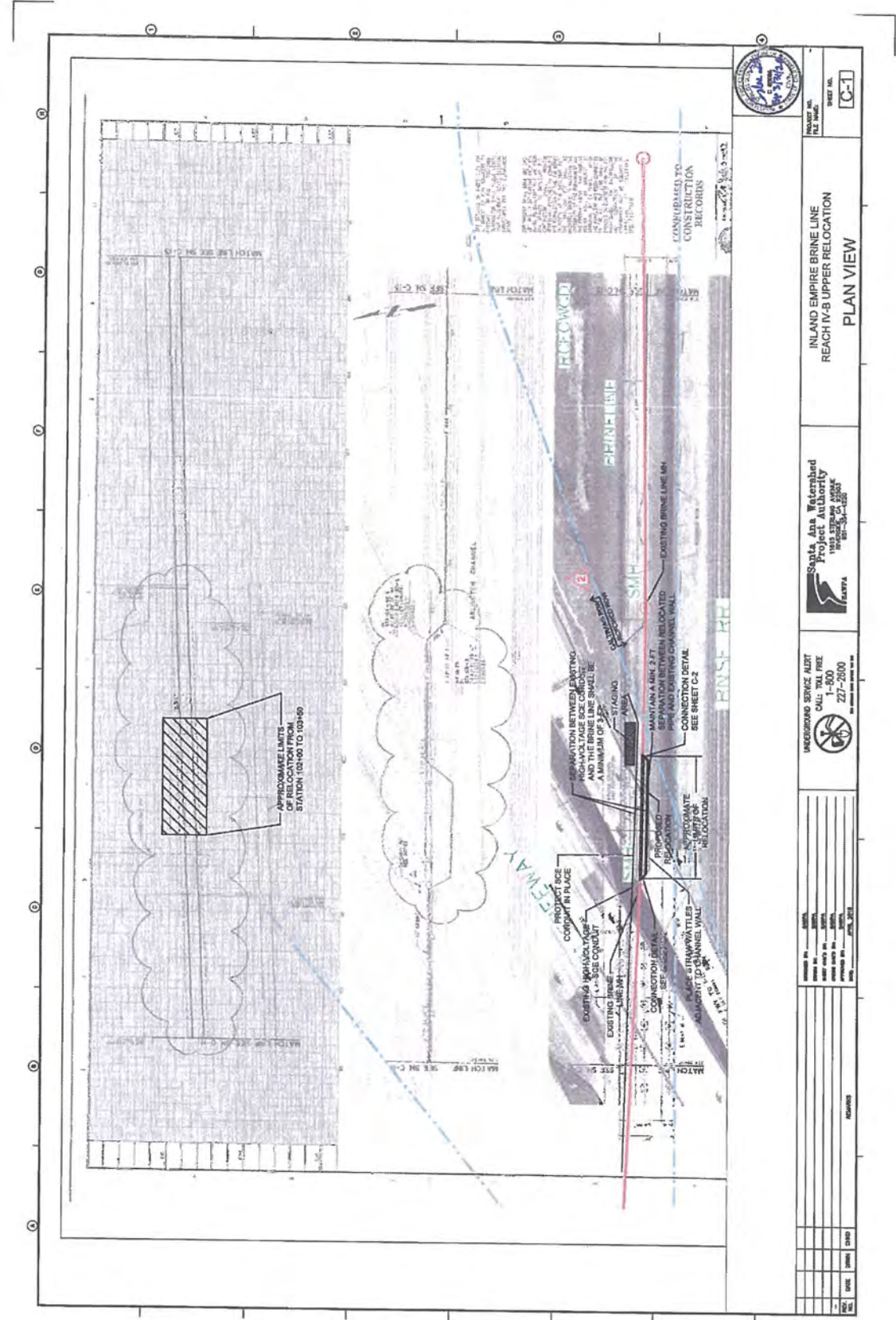


PROJECT NO. INLAND EMPIRE BRINE LINE REACH IV-B UPPER RELOCATION
SHEET NO. G-1

South Ana Watershed Project Authority
1635 WEST 9TH AVENUE
CORONA, CA 92626
TEL: 951-531-1235 FAX: 951-531-1235

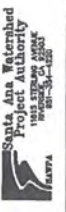
UNDERGROUND SERVICE ALERT
CALL TOLL FREE 1-800-227-2600
OR VISIT WWW.CALL811.COM

NO.	DATE	BY	CHKD	APPD



PROJECT NO. 103-100
SHEET NO. C-1

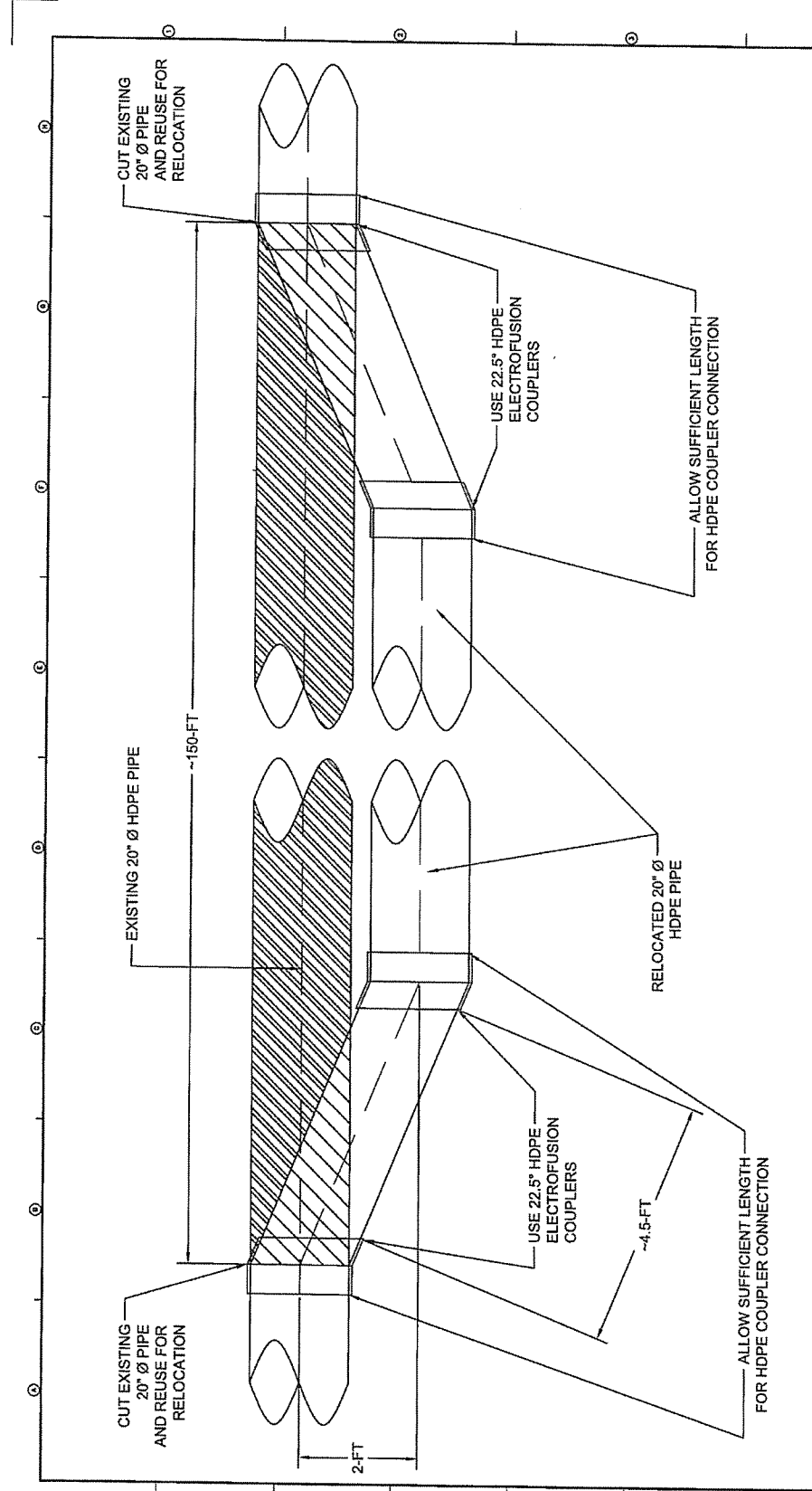
**INLAND EMPIRE BRINE LINE
REACH IV-B UPPER RELOCATION
PLAN VIEW**


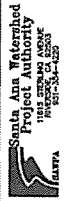



UNDERGROUND SERVICE ADJUT
CALL ALL FIRE
227-2000

NO.	DATE	BY	REVISION

NO.	DATE	BY	REVISION



		PROJECT NO. SHEET NO. C-2
INLAND EMPIRE BRINE LINE REACH IV-B UPPER RELOCATION PIPE CONNECTION DETAILS		
 Santa Ana Watershed Project Authority 1155 STEVENSON AVENUE SANTA ANA, CA 92701-3320		
BACKGROUND SERVICE ALERT CALL TOLL FREE 1-800-227-2600 		
DESIGNED BY: _____ CHECKED BY: _____ DRAWN BY: _____ DATE: _____	REVISIONS NO. DATE REVISION _____ _____ _____	DATE: _____ SCALE: _____

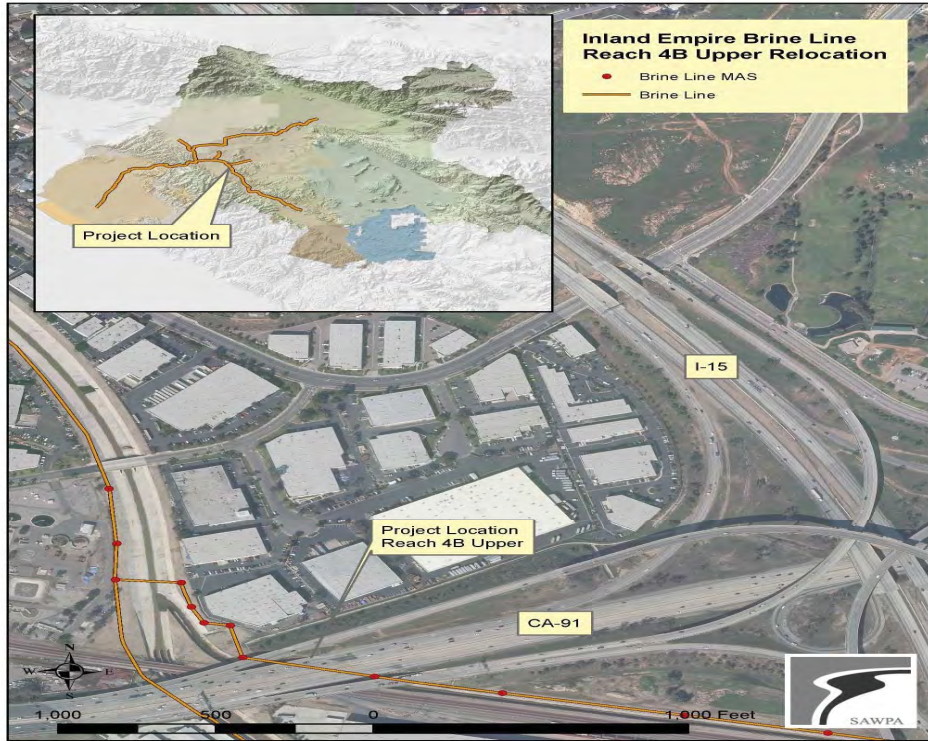
Reach 4B Upper Relocation Agreement with RCTC

Item 5.E.
July 17, 2018

SAWPA – RCTC Agreement

Recommendation to SAWPA Commission

- Authorize the General Manager to execute an agreement between SAWPA and the Riverside County Transportation Commission establishing the terms for the proposed relocation of approximately 150 linear feet of Reach 4B Upper as a result of a conflict with a Southern California Edison high voltage conduit.



SAWPA – RCTC Agreement

Recommendation to SAWPA Commission

- Authorize the General Manager to execute an agreement between SAWPA and the Riverside County Transportation Commission establishing the terms for the proposed relocation of approximately 150 linear feet of Reach 4B Upper as a result of a conflict with a Southern California Edison high voltage conduit.

Questions?

COMMISSION MEMORANDUM NO. 2018.73

DATE: July 17, 2018
TO: SAWPA Commission
SUBJECT: Grant of Easement to Western Municipal Water District
PREPARED BY: Carlos Quintero, Operations Manager

RECOMMENDATION

It is recommended that the SAWPA Commission grant a no-fee easement to Western Municipal Water District (WMWD) for use of the SAWPA parking lot for access to the Arlington Desalter and pipeline purposes.

DISCUSSION

An easement was granted to Western Municipal Water District in 2006 for use of the SAWPA building parking lot for the installation of utilities and ingress/egress to the Arlington Desalter, this easement was quitclaimed by the Western Municipal Water District Board per document 2017-0341317 recorded on August 17, 2017.

The SAWPA Commission issued an easement to Western Municipal Water District on September 5, 2017; this easement was never accepted by the WMWD Board and was not recorded at the Riverside County Recorders' Office.

A revised easement is required since there was an inaccuracy in the Parcel Map used to determine the SAWPA property boundary. SAWPA owns the portion of the property between the north side of the building and the billboard just to the northwest of the property (See attachment 1 for project area map).

The La Sierra Pipeline project requires use of a portion of the SAWPA parking lot and adjacent property not included in the original Grant of Easement.

The revised easement will maintain the same rights as the original easement. The grand of easement requires acceptance by the WMWD Board of Directors and that it be recorded at the Recorders' Office.

CRITICAL SUCCESS FACTORS

N/A

RESOURCE IMPACTS

Staff time is covered under Fund 100 – General Fund.

Attachments:

1. Project Location Map
2. Grant of Easement
3. Exhibits "A" and "B"
4. PowerPoint Presentation

Attachment 1. Project Location Map

CA-91

Property owned by SAWPA

WMWD Sterling Pump Station

Arlington Desalter

SAWPA Office

WMWD La Sierra Pipeline



RECORDING REQUESTED BY

Santa Ana Watershed Project Authority

AND WHEN RECORDED MAIL THIS DEED TO
Name Santa Ana Watershed Project Authority

Street 11615 Sterling Avenue
Address Riverside, California 92503

(Government Code 6103) No Tax Due (Grantee is a public agency)
I.D. 110 Assessor Parcel No. 48 APN 132-020-042

GRANT OF EASEMENT

FOR A VALUABLE CONSIDERATION, Santa Ana Watershed Project Authority, Grantor, hereby grants to WESTERN MUNICIPAL WATER DISTRICT OF RIVERSIDE COUNTY, Grantee, its successors and assigns, an easement and right-of-way in, over, upon, under and across the lands hereinafter described to construct, reconstruct, install, replace, remove, repair, alter, operate, maintain, inspect and utilize a pipeline or pipelines for all purposes, together with any easement roads and appurtenances within the right-of-way including, but not limited to, cables for communication purposes, and for ingress and egress throughout the entire easement and right-of-way in connection with the exercise of any foregoing rights. The property subject to this easement is located in the County of Riverside, State of California, described as follows:

See attached Legal Description and Plat, Exhibits "A" and "B".

Grantee shall have the right to access said easement and the right to construct and utilize the access road within said easement, and to use gates in all fences which cross said easement, and to trim, cut down, or clear away any trees and brush, after written notification to Grantor, whenever in Grantee's judgement is necessary for the convenient and safe exercise of the rights hereby granted. No additional fences or gates can be constructed across said easement unless approved in writing by Grantor. Grantee shall also have the right to mark the location of said easement in a manner which will not interfere with Grantor's reasonable and lawful use of said easement.

Grantee shall maintain its pipeline or pipelines in safe condition. The operation and maintenance of such pipeline or pipelines shall be at Grantee's sole cost and expense.

Grantee shall be responsible for any damage to Grantor's property or that of third parties resulting from any exercise of the rights herein granted during construction, operation, or removal of Grantee's pipeline or pipelines. Grantee shall promptly repair and restore to its original condition any of Grantor's property, including, but not limited to, roads, pipelines, and fences that may be altered, damaged or destroyed in connection with the exercise of the Easement or use of the Easement herein granted.

Grantor expressly reserves for itself, its successors and its assigns, the right to use the easement or to grant other easements or licenses at the same location so long as such use does not unreasonably interfere with the rights herein granted.

This Grant of Easement is made on the express condition that Grantor is to be free from all liability by reason of injury or death to persons or injury to property from whatever cause arising out of Grantee's, its contractors', agents', officers', members', employees', invitees', or licensees' exercise of rights granted pursuant to this Easement or use of the Easement Area or personal property of Grantee thereto or

thereon, including any liability for injury or death to the person or property of Grantee, its contractors, agents, officers, members, employees, invitees, or licensees or to any property under the control or custody of Grantee. Grantee hereby covenants and agrees to defend and indemnify Grantor, its directors, officers, employees, agents, invitees and guests and save them harmless from any and all liability, loss, costs, or obligations on account of, or arising out of, any such injury or losses caused or claimed to be caused by the exercise of the Easement or use of the Easement Area by Grantee, however occurring, other than those caused solely by the active negligence or willful acts or omissions of Grantor.

In using this easement, Grantee shall not unreasonably interfere with the use by and operation and activities of Grantor on its property, and Grantee shall use such reasonable access routes and follow such reasonable procedures Grantor may provide in order to cause the least damage and inconvenience to Grantor.

This instrument shall be binding upon and inure to the benefit of the successors and assigns of Grantor.

In WITNESS WHEREOF, Grantor has executed this instrument this ____ day of _____, 2018.

GRANTOR:
Santa Ana Watershed Project Authority

Richard E. Haller
General Manager

Enclosure: Exhibits "A" & "B"

EXHIBIT "A"

UTILITY ACCESS EASEMENT

Being a portion Parcel 1 of Parcel Map No. 27909 as shown by map on file in Parcel Map Book 184, at Pages 9 and 10, thereof, and a portion of 1 of Parcel Map No. 23652, on file in Book 173, at Pages 23 and 24, both Records of Riverside County, California, lying in the Rancho El Sobrante De San Jacinto, in the City of Riverside, California, said portion being described as follows:

COMMENCING at the northeasterly corner of Parcel 1 of PM No. 27909;

Thence South 21°50'49" East along the northeasterly line of said Parcel 1, a distance of 20.72 feet to the **TRUE POINT OF BEGINNING**;

Thence South 74°51'43" West, a distance of 29.26 feet;

Thence North 75°37'20" West, a distance of 54.77 feet;

Thence South 77°22'40" West, a distance of 63.71 feet;

Thence South 62°24'14" West, a distance of 51.12 feet;

Thence North 22°57'52" West, a distance of 36.68 feet;

Thence South 65°27'23" West, a distance of 10.41 feet to a point on a common line between Parcels 1 and 4 of said Parcel Map No. 23652;

Thence South 69°21'34" West, a distance of 31.95 feet;

Thence South 66°16'53" West, a distance of 60.17 feet to a point on the westerly line of that certain parcel described in Exhibit "B" in Instrument No. 211536, recorded July 28, 1988, of official records;

Thence South 01°17'30"E along said westerly line, a distance of 4.49 feet to the most westerly corner of Parcel 4 of said Parcel Map No. 23652, said point being on the northerly right of way of Sterling Avenue, lying on a curve concave westerly with a radius of 60.00 feet, the radial line to said point bears North 06°43'24" East;

Thence southeasterly, southerly and southwesterly along said right of way line and along said curve, to the right, through a central angle of 137°21'54", an arc distance of 143.85 feet, the radial line to said point bears South 35°54'43" East;

Thence North 65°49'59" East, a distance of 19.39 feet;

Thence North 47°58'11" East, a distance of 79.26 feet;

Thence South 22°00'23" East, a distance of 139.57 feet to a point on the southeasterly line of said Parcel 1 of said Parcel Map No. 27909;

Thence North 67°59'37" East along said southeasterly line, a distance of 211.73 feet to the most southeasterly corner, thereof;

Thence North 21°50'49" West along the northeasterly line of said Parcel 1, a distance of 150.19 feet to the **TRUE POINT OF BEGINNING**.

EXCEPTING THEREFROM that portion of said Parcel 1 of said Map No. 27909 described as follows:

COMMENCING at said northeasterly corner of Parcel 1;

Thence South 21°50'49" East along said northeasterly line of Parcel 1, a distance of 27.46 feet;

Thence South 68°09'11" West, a distance of 58.17 feet to the **TRUE POINT OF BEGINNING**;

Thence South 80°04'24" West, a distance of 68.79 feet;

Thence South 64°00'33" West, a distance of 44.74 feet;

Thence South 47°58'11" West, a distance of 18.16 feet;

Thence South 22°00'23" East, a distance of 83.68 feet to the beginning of a tangent curve, concave to the northeasterly, having a radius of 25.00 feet;

Thence southeasterly, easterly and northeasterly along said curve, to the left, through a central angle of 90°00'00", an arc distance of 39.27 feet;

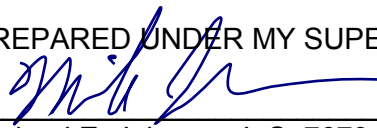
Thence North 67°59'37" East, a distance of 103.96 feet;

Thence North 22°00'23" West, a distance of 103.61 feet to the **TRUE POINT OF BEGINNING**.

Containing 30951 square feet (0.71 AC.), more or less.

SEE PLAT ATTACHED HERETO AS EXHIBIT "B"

PREPARED UNDER MY SUPERVISION


Michael E. Johnson, L.S. 7673

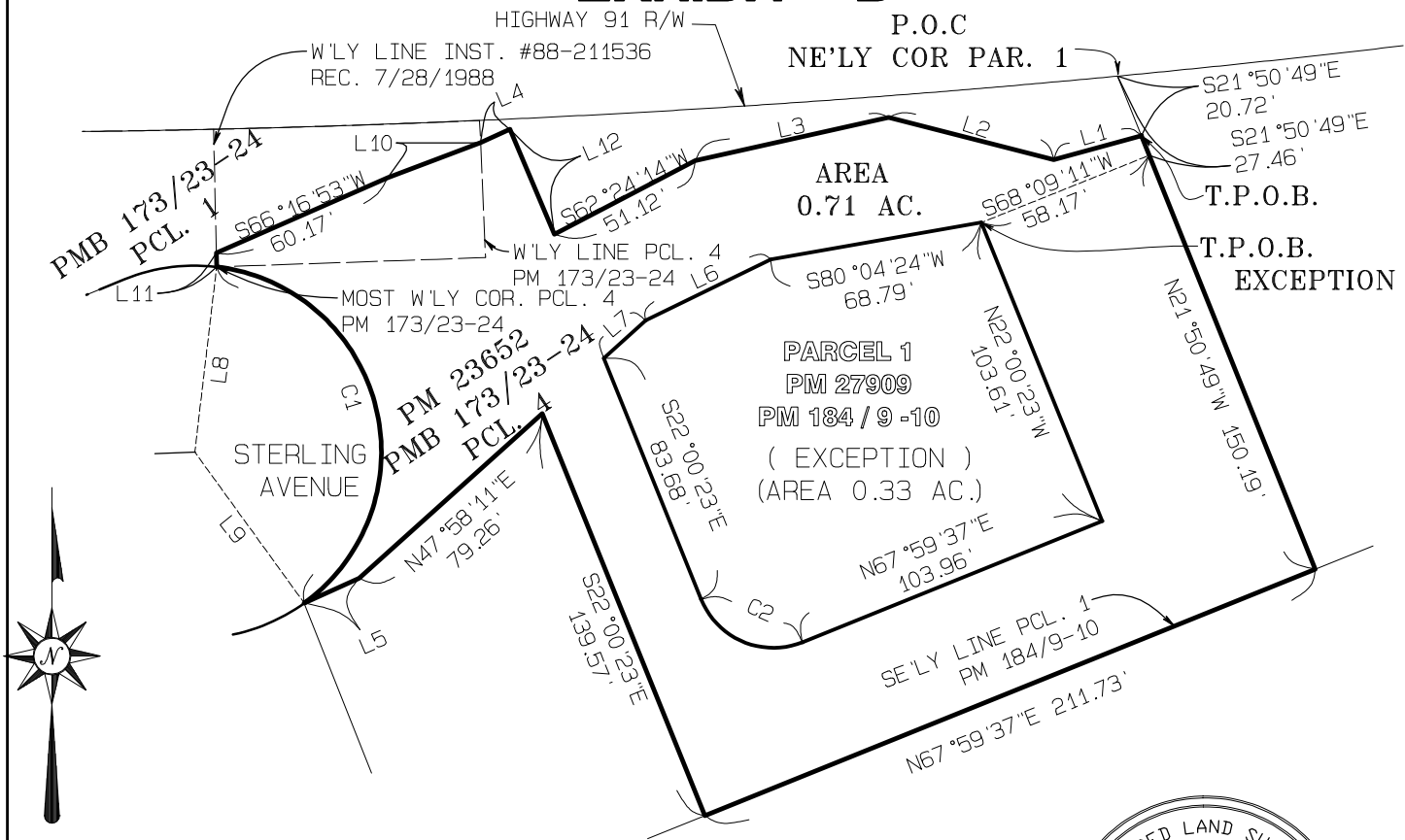
6/12/2018

Date

Prepared By: JCR Checked By: MSH

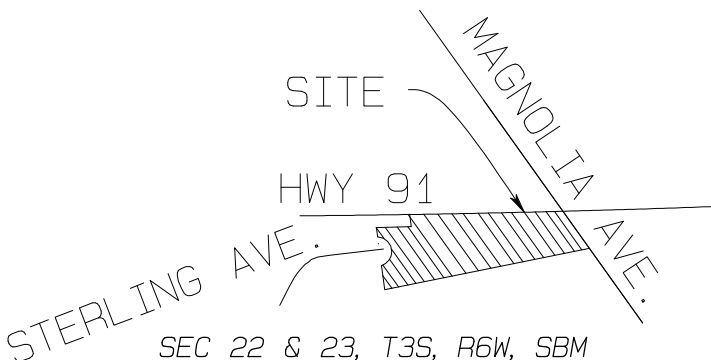


EXHIBIT "B"



LINE	LENGTH	RADIUS	DELTA	TANGENT
C1	143.85'	60.00'	137°21'54"	153.75'
C2	39.27'	25.00'	90°00'00"	25.00'

LINE	BEARING	DISTANCE
L1	S74°51'43"W	29.26'
L2	N75°37'20"W	54.77'
L3	S77°22'40"W	63.71'
L4	S65°27'23"W	10.41'
L5	N65°49'59"E	19.39'
L6	S64°00'33"W	44.74'
L7	S47°58'11"W	18.16'
L8	S06°43'24"W (R)	
L9	N35°54'43"W (R)	
L10	S69°21'34"W	31.95'
L11	S01°17'30"E	4.49'
L12	N22°57'52"W	36.68'



ALBERT A.

WEBB

WESTERN MUNICIPAL WATER DISTRICT

ASSOCIATES

File :G:\2005\05-0326\Legals_Plats\UTILITY_PLAT_2.pro

DATE 6/06/2018

THIS PLAT IS SOLELY AN AID IN LOCATING THE PARCEL(S) DESCRIBED IN THE ATTACHED DOCUMENT. IT IS NOT A PART OF THE WRITTEN DESCRIPTION THEREIN.

SHEET 1 OF 1

W.O. 05-326

SCALE: 1" = 60'

DRWN BY JCR DATE 6-06-18
CHKD BY _____ DATE _____

SUBJECT: PIPELINE & ACCESS EASEMENT

87

ALBERT A. WEBB ASSOCIATES
 3788 McCRAY STREET
 RIVERSIDE, CA 92506
 (951) 686-1070
 Wednesday, June 06, 2018 6:14:34 PM

PROJECT: G:\2005\05-0326\Legals_Plats\UTILITY_PLAT_2.pro

WMWD PIPELINE & ACCESS EASMENT_NEW

Pt#	Description	Bearing	Distance	Northing	Easting

	Curve Data				
258				2272023.0564	6187607.2240
	S74°51'43"W		29.26 ft		
260				2272015.4153	6187578.9794
	N75°37'20"W		54.77 ft		
261				2272029.0155	6187525.9248
	S77°22'40"W		63.71 ft		
262				2272015.0934	6187463.7545
	S62°24'14"W		51.12 ft		
263				2271991.4128	6187418.4502
	N22°57'52"W		36.68 ft		
283				2272025.1858	6187404.1392
	S65°27'23"W		10.41 ft		
284				2272020.8617	6187394.6697
	S69°21'34"W		31.95 ft		
272				2272009.5992	6187364.7706
	S66°16'53"W		60.17 ft		
285				2271985.3961	6187309.6830
	S01°17'30"E		4.49 ft		
222				2271980.9072	6187309.7843
Chord Brg.	S14°35'39"E	Chord Dist.		111.79 ft	
	RAD. BRG.	S06°43'24"W			
R=	60.00ft	D=	137°21'54" Right	L=	143.85ft T=
					153.75ft
	RAD. BRG.	S35°54'43"E			
217				2271872.7241	6187337.9521
	N65°49'59"E		19.39 ft		
264				2271880.6623	6187355.6427
	N47°58'11"E		79.26 ft		
265				2271933.7287	6187414.5163
	S22°00'23"E		139.57 ft		
266				2271804.3275	6187466.8146
	N67°59'37"E		211.73 ft		
223				2271883.6649	6187663.1184
	N21°50'49"W		150.19 ft		
258				2272023.0684	6187607.2284

Closing latitude = 0.01199
 Closing departure = 0.00434
 Closing bearing = S19°53'22"W
 Closing distance = 0.01275
 Total traverse length = 1054.49 (1086.55)
 Total error of closure = 1/82703
 Error of closure in latitude = 1/87949
 Error of closure in departure = 1/243097

Area = 45376.03 sq ft.
 Area = 1.04 AC..

ALBERT A. WEBB ASSOCIATES
 3788 McCRAY STREET
 RIVERSIDE, CA 92506
 (951) 686-1070
 Wednesday, June 06, 2018 6:13:34 PM

PROJECT: G:\2005\05-0326\Legals_Plats\UTILITY_PLAT_2.pro

 EXCEPTION TO WMWD PIPELINE & ACCESS EASMENT_NEW

Pt#	Description	Bearing	Distance	Northing	Easting

Curve Data					

250				2271873.9485	6187465.6279
Chord Brg.	S67°00'23"E	Chord Dist.	35.36 ft		
	RAD. BRG.	N67°59'37"E			
R=	25.00ft	D=	90°00'00" Left	L=	39.27ft
	RAD. BRG.	S22°00'23"E		T=	25.00ft
252				2271860.1359	6187498.1785
	N67°59'37"E	103.96 ft			
254				2271899.0908	6187594.5642
	N22°00'23"W	103.61 ft			
255				2271995.1520	6187555.7405
	S80°04'24"W	68.79 ft			
256				2271983.2934	6187487.9803
	S64°00'33"W	44.74 ft			
257				2271963.6871	6187447.7651
	S47°58'11"W	18.16 ft			
253				2271951.5286	6187434.2760
	S22°00'23"E	83.68 ft			
250				2271873.9453	6187465.6318

Closing latitude = -0.00321
 Closing departure = 0.00388
 Closing bearing = N50°27'35"W
 Closing distance = 0.00504
 Total traverse length = 458.30 (462.22)
 Total error of closure = 1/90992
 Error of closure in latitude = 1/142931
 Error of closure in departure = 1/117992

Area = 14425.28 sq ft.
 Area = 0.33 AC..

WMWD Easement SAWPA Parking Lot

Item 5.F.

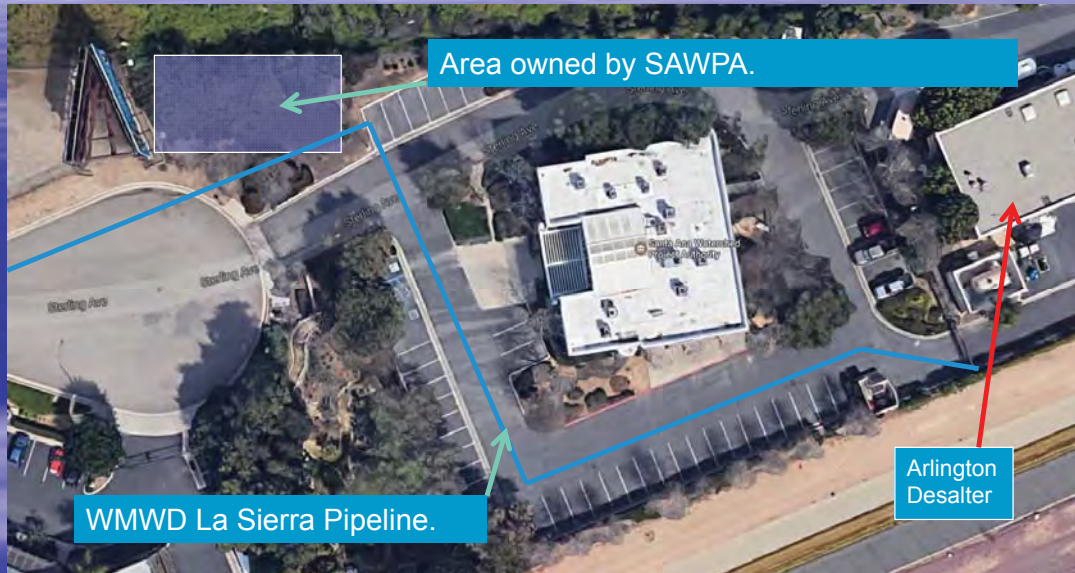
July 17, 2018

WMWD Easement

Recommendation to SAWPA Commission

- Grant a no-fee easement to Western Municipal Water District for use of the SAWPA parking lot for access to the Arlington Desalter and pipeline purposes.

WMWD Easement



WMWD Easement

Recommendation to SAWPA Commission

- Grant a no-fee easement to Western Municipal Water District for use of the SAWPA parking lot for access to the Arlington Desalter and pipeline purposes.

A rectangular area with a blue gradient background, transitioning from a lighter blue at the top to a darker blue at the bottom. The word "Questions?" is centered in white, sans-serif font.

Questions?

COMMISSION MEMORANDUM NO. 2018.74

DATE: July 17, 2018
TO: SAWPA Commission
SUBJECT: Earth Movement (Earthquake) Insurance
PREPARED BY: Karen Williams, Chief Financial Officer

RECOMMENDATION

It is recommended that the Commission review authorize the General Manager to procure earthquake insurance for the SAWPA building and its contents for a FY19 total cost of \$16,930.

DISCUSSION

Southern California is projected to have a major earthquake in the near future. If the Agency's office building were to be damaged in an earthquake, the loss would not be covered by existing commercial insurance. SAWPA staff asked our Insurance Broker, Alliant Insurance Services, Inc. to obtain proposals for earthquake coverage. SAWPA received one proposal from Aegis Security Insurance Company. The policy will insure the building and personal property for \$3,708,486 with a 5% deductible for a premium of \$16,930.00.

SAWPA's building was constructed in 1991 with glass exterior panels. These panels are likely to crack/shatter in an earthquake. Considerable cost would be incurred to restore the building to a serviceable condition after a major earthquake in close proximity. SAWPA has not had earthquake insurance in the past. It is proposed to obtain earthquake insurance now. The 5% deductible would be funded from the building reserve account.

RESOURCE IMPACTS

Amount included in the budget for Insurance for FYE 2019 is \$181,249.00. The \$16,930.00 premium will be within the budgeted amount for FYE 2019.

Attachments:

1. SAWPA Difference in Conditions – Earth Movement Insurance Proposal
2. Difference in Conditions Coverage

The background of the top half of the page is a photograph of a modern glass building facade. The glass reflects the sky and surrounding environment. A person is visible walking on a balcony or walkway within the building. The overall color palette is dominated by blues and greys.

Santa Ana Watershed Project Authority

2018 – 2019

Difference in Conditions -Earth Movement Insurance Proposal

Presented on 06/19/2018 by:

Seth Cole
Senior Vice President

Alliant Insurance Services, Inc.
1301 Dove Street, Suite 200
Newport Beach, CA 92660
O 949 756 0271
F 000 000 0000

CA License No. 0C36861

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Company Profile

With a history dating back to 1925, Alliant Insurance Services is one of the nation's leading distributors of diversified insurance products and services. Operating through a national network of offices, Alliant offers a comprehensive portfolio of services to clients, including:

- Risk Solutions
- Employee Benefits
 - Strategy
 - Employee Engagement
 - Procurement
 - Analytics
 - Wellness
 - Compliance
 - Benefits Administration
 - Global Workforce
- Industry Solutions
 - Construction
 - Energy and Marine
 - Healthcare
 - Law Firms
 - Public Entity
 - Real Estate
 - Tribal Nations
 - And many other industries
- Co-Brokered Solutions
 - Automotive Specialty
 - Energy Alliance Program
 - Hospital All Risk Property Program
 - Law Firms
 - Parking/Valet
 - Public Entity Property Insurance Program
 - Restaurants/Lodging
 - Tribal Nations
 - Waste Haulers/Recycling
- Business Services
 - Risk Control Consulting
 - Human Resources Consulting
 - Property Valuation

The knowledge that Alliant has gained in its more than eight decades of working with many of the top insurance companies in the world allows us to provide our clients with the guidance and high-quality performance they deserve. Our solution-focused commitment to meeting the unique needs of our clients assures the delivery of the most innovative insurance products, services, and thinking in the industry.

Alliant ranks among the 15 largest insurance brokerage firms in the United States.

Your Service Team

Seth Cole

Senior Vice President

scole@alliant.com

Phone: 415.403.1419

Cell: 925.628.6216

Marilyn Schley, AU, CISR

Account Manager-Lead, Team Lead

mschley@alliant.com

Phone: 415.403.1432

Fax: 415.874.4813

Named Insured / Additional Named Insureds

Named Insured(s)

SANTA ANA WATERSHED PROJECT AUTHORITY

Additional Named Insured(s)

NAMED INSURED DISCLOSURE

- The first named insured is granted certain rights and responsibilities that do not apply to other policy named insureds and is designated to act on behalf of all insureds for making policy changes, receiving correspondence, distributing claim proceeds, and making premium payments.
- **Are ALL entities listed as named insureds?** Coverage is **not** automatically afforded to all entities unless specifically named. Confirm with your producer and service team that all entities to be protected are on the correct policy. Not all entities may be listed on all policies based on coverage line.
- Additional named insured is (1) A person or organization, other than the first named insured, identified as an insured in the policy declarations or an addendum to the policy declarations. (2) A person or organization added to a policy after the policy is written with the status of named insured. This entity would have the same rights and responsibilities as an entity named as an insured in the policy declarations (other than those rights and responsibilities reserved to the first named insured).
- Applies to Professional Liability, Pollution Liability, Directors & Officers Liability, Employment Practices Liability, Fiduciary Liability policies (this list not all inclusive). Check your Policy language for applicability. These policies provide protection to the Named Insured for claims made against it alleging a covered wrongful act. Coverage is not afforded to any other entities (unless specifically added by endorsement or if qualified as a "Subsidiary" pursuant to the policy wording) affiliated by common individual insured ownership or to which indemnification is otherwise contractually owed. If coverage is desired for affiliated entities or for contractual indemnities owed, please contact your Alliant Service Team with a full list of entities for which coverage is requested. With each request, include complete financials and ownership information for submission to the carrier. It should be noted, that the underwriter's acceptance of any proposed amendments to the policy, including expansion of the scope of "Insureds" under the policy could result in a potential diminution of the applicable limits of liability and/or an additional premium charge.

Schedule of Locations

AS PER SCHEDULE ON FILE WITH THE COMPANY:

Line of Coverage

Difference in Conditions – Earth Movement Coverage

INSURANCE COMPANY:	Aegis Security Insurance Company
A.M. BEST RATING:	A VII
STATE COVERED STATUS:	CA - Admitted
POLICY/COVERAGE TERM:	TBD
Coverage Form:	Difference in Conditions – Earth Movement Only
Total Insured Value:	\$ 3,072,486 Real Property \$ <u>636,000</u> Personal Property \$ 3,708,486 Total Insurable Value
Property Insured:	Real & Personal Property,
Limits:	\$3,708,486
Deductible:	Earthquake Shock 5% of values per unit of insurance, subject to \$50,000 minimum per occurrence as respects Earth Movement. All Other Perils: \$25,000 Terrorism: 5%
Additional Coverage:	Building Ordinance/ICC/Demo
Coinsurance	-NIL-
Special Conditions	<ul style="list-style-type: none"> • Warrant All Risk Parallel Policy • Insured Warrants No Pre-Existing Earthquake Damage

Difference in Conditions – Earth Movement Coverage – Continued

Notable Exclusions (including but not limited to)	<ul style="list-style-type: none"> • Flood • Earthquake Sprinkler Leakage • Biological or Chemical Materials • War and Civil War • Radioactive Contamination • Nuclear Incident • Electronic Data Processing and Computer Systems • Pollution • Asbestos • Microorganism
Premium::	\$16,430.00 Annual Premium <u>\$ 500.00</u> Company Fees (Non-refundable) \$16,930.00
Minimum Earned Premium:	\$2,911 – 25% Minimum Earned
Terrorism Option:	\$16,430 (not included above)
Quote Valid Until:	July 18, 2018
Policy Auditable:	N/A
Binding Conditions:	<ul style="list-style-type: none"> • No Pre-Existing Earthquake Damage Warranty Letter on Insured's letterhead • Written request to bind coverage • Signed Alliant Bind Request • Signed Company Terrorism Disclosure Forms

Name Insureds are covered for all operations. Additional Insureds are only covered with respect to their interest in your operations. See each individual policy for details.

See Disclaimer Page for Important Notices and Acknowledgement

Line of Coverage

Difference in Conditions – Earth Movement Coverage – Continued

Premium Summary

Coverage	Carrier	Annual Premium	Annual Premium w/Terrorism Coverage
Difference in Conditions – Earth Movement	Aegis Specialty Insurance	\$ 16,430.00	\$ 16,430.00
Company Fees		\$ 500.00	\$ 500.00
Terrorism Coverage		N/A	\$ 16,430.00
Total Annual Premium		\$ 16,930.00	\$ 33,360.00

Payment Terms

- Premium is due within 20 days of policy inception

Disclosures

This proposal of insurance is provided as a matter of convenience and information only. All information included in this proposal, including but not limited to personal and real property values, locations, operations, products, data, automobile schedules, financial data and loss experience, is based on facts and representations supplied to Alliant Insurance Services, Inc. by you. This proposal does not reflect any independent study or investigation by Alliant Insurance Services, Inc. or its agents and employees.

Please be advised that this proposal is also expressly conditioned on there being no material change in the risk between the date of this proposal and the inception date of the proposed policy (including the occurrence of any claim or notice of circumstances that may give rise to a claim under any policy which the policy being proposed is a renewal or replacement). In the event of such change of risk, the insurer may, at its sole discretion, modify, or withdraw this proposal, whether or not this offer has already been accepted.

This proposal is not confirmation of insurance and does not add to, extend, amend, change, or alter any coverage in any actual policy of insurance you may have. All existing policy terms, conditions, exclusions, and limitations apply. For specific information regarding your insurance coverage, please refer to the policy itself. Alliant Insurance Services, Inc. will not be liable for any claims arising from or related to information included in or omitted from this proposal of insurance.

Alliant embraces a policy of transparency with respect to its compensation from insurance transactions. Details on our compensation policy, including the types of income that Alliant may earn on a placement, are available on our website at www.alliant.com. For a copy of our policy or for any inquiries regarding compensation issues pertaining to your account you may also contact us at: Alliant Insurance Services, Inc., Attention: General Counsel, 701 B Street, 6th Floor, San Diego, CA 92101.

Analyzing insurers' over-all performance and financial strength is a task that requires specialized skills and in-depth technical understanding of all aspects of insurance company finances and operations. Insurance brokerages such as Alliant Insurance typically rely upon rating agencies for this type of market analysis. Both A.M. Best and Standard and Poor's have been industry leaders in this area for many decades, utilizing a combination of quantitative and qualitative analysis of the information available in formulating their ratings.

A.M. Best has an extensive database of nearly 6,000 Life/Health, Property Casualty and International companies. You can visit them at www.ambest.com. For additional information regarding insurer financial strength ratings visit Standard and Poor's website at www.standardandpoors.com.

Our goal is to procure insurance for you with underwriters possessing the financial strength to perform. Alliant does not, however, guarantee the solvency of any underwriters with which insurance or reinsurance is placed and maintains no responsibility for any loss or damage arising from the financial failure or insolvency of any insurer. We encourage you to review the publicly available information collected to enable you to make an informed decision to accept or reject a particular underwriter. To learn more about companies doing business in your state, visit the Department of Insurance website for that state.

NY Regulation 194

Alliant Insurance Services, Inc. is an insurance producer licensed by the State of New York. Insurance producers are authorized by their license to confer with insurance purchasers about the benefits, terms and conditions of insurance contracts; to offer advice concerning the substantive benefits of particular insurance contracts; to sell insurance; and to obtain insurance for purchasers. The role of the producer in any particular transaction typically involves one or more of these activities.

Compensation will be paid to the producer, based on the insurance contract the producer sells. Depending on the insurer(s) and insurance contract(s) the purchaser selects, compensation will be paid by the insurer(s) selling the insurance contract or by another third party. Such compensation may vary depending on a number of factors, including the insurance contract(s) and the insurer(s) the purchaser selects. In some cases, other factors such as the volume of business a producer provides to an insurer or the profitability of insurance contracts a producer provides to an insurer also may affect compensation.

The insurance purchaser may obtain information about compensation expected to be received by the producer based in whole or in part on the sale of insurance to the purchaser, and (if applicable) compensation expected to be received based in whole or in part on any alternative quotes presented to the purchaser by the producer, by requesting such information from the producer.

Other Disclosures / Disclaimers

FATCA:

The Foreign Account Tax Compliance Act (FATCA) requires the notification of certain financial accounts to the United States Internal Revenue Service. Alliant does not provide tax advice so please contact your tax consultant for your obligation regarding FATCA.

Claims Reporting:

Your policy will come with specific claim reporting requirements. Please make sure you understand these obligations. Contact your Alliant Service Team with any questions.

Claims Made Policy:

(Applicable to any coverage that is identified as claims made)

This claims-made policy contains a requirement stating that this policy applies only to any claim first made against the Insured and reported to the insurer during the policy period or applicable extended reporting period. Claims must be submitted to the insurer during the policy period, or applicable extended reporting period, as required pursuant to the Claims/Loss Notification Clause within the policy in order for coverage to apply. Late reporting or failure to report pursuant to the policy's requirements could result in a disclaimer of coverage by the insurer.

Other Disclosures / Disclaimers = Continued

Claims Made Policy (D&O/EPL)

(Applicable to any coverage that is identified as claims made)

This claims-made policy contains a requirement stating that this policy applies only to any claim first made against the Insured and reported to the insurer during the policy period or applicable extended reporting period. Claims must be submitted to the insurer during the policy period, or applicable extended reporting period, as required pursuant to the Claims/Loss Notification Clause within the policy in order for coverage to apply. Late reporting or failure to report pursuant to the policy's requirements could result in a disclaimer of coverage by the insurer.

Any Employment Practices Liability (EPL) or Directors & Officers (D&O) with EPL coverage must give notice to the insurer of any charges / complaints brought by any state / federal agency (i.e. EEOC and similar proceedings) involving an employee. To preserve your rights under the policy, it is important that timely notice be given to the insurer, whether or not a right to sue letter has been issued.

NRRA:

(Applicable if the insurance company is non-admitted)

The Non-Admitted and Reinsurance Reform Act (NRRA) went into effect on July 21, 2011. Accordingly, surplus lines tax rates and regulations are subject to change which could result in an increase or decrease of the total surplus lines taxes and/or fees owed on this placement. If a change is required, we will promptly notify you. Any additional taxes and/or fees must be promptly remitted to Alliant Insurance Services, Inc.

Changes and Developments

It is important that we be advised of any changes in your operations, which may have a bearing on the validity and/or adequacy of your insurance. The types of changes that concern us include, but are not limited to, those listed below:

- Changes in any operations such as expansion to another states, new products, or new applications of existing products.
- Travel to any state not previously disclosed.
- Mergers and/or acquisition of new companies and any change in business ownership, including percentages.
- Any newly assumed contractual liability, granting of indemnities or hold harmless agreements.
- Any changes in existing premises including vacancy, whether temporary or permanent, alterations, demolition, etc. Also, any new premises either purchased, constructed or occupied
- Circumstances which may require an increased liability insurance limit.
- Any changes in fire or theft protection such as the installation of or disconnection of sprinkler systems, burglar alarms, etc. This includes any alterations to the system.
- Immediate notification of any changes to a scheduled of equipment, property, vehicles, electronic data processing, etc.
- Property of yours that is in transit, unless previously discussed and/or currently insured.

Other Disclosures / Disclaimers = Continued

Certificates / Evidence of Insurance

- A certificate is issued as a matter of information only and confers no rights upon the certificate holder. The certificate does not affirmatively or negatively amend, extend or alter the coverage afforded by a policy. Nor does it constitute a contract between the issuing insurer(s), authorized representative, producer or certificate holder.
-
- You may have signed contracts, leases or other agreements requiring you to provide this evidence. In those agreements, you may assume obligations and/or liability for others (Indemnification, Hold Harmless) and some of the obligations that are not covered by insurance. We recommend that you and your legal counsel review these documents.

In addition to providing a certificate of insurance, you may be required to name your client or customer on your policy as an additional insured. This is only possible with permission of the insurance company, added by endorsement and, in some cases, an additional premium.

By naming the certificate holder as additional insured, there are consequences to your risks and insurance policy including:

- Your policy limits are now shared with other entities; their claims involvement may reduce or exhaust your aggregate limit.
- Your policy may provide higher limits than required by contract; your full limits can be exposed to the additional insured.
- There may be conflicts in defense when your insurer has to defend both you and the additional insured.

Shown above are the disclosures / disclaimers that are attached to all Property & Casualty insurance proposals. Please acknowledge receipt and review.

Signature

Date

Title

Printed / Typed Name

Optional Coverages

The following represents a list of insurance coverages that are not included in this proposal, but are optional and may be available with further underwriting information.

Note some of these coverages may be included with limitations or insured elsewhere. This is a partial listing as you may have additional risks not contemplated here or are unique to your organization.

- Crime / Fidelity Insurance
- Directors & Officers Liability
- Earthquake Insurance
- Employed Lawyers
- Employment Practices Liability
- Event Cancellation
- Fiduciary Liability
- Fireworks Liability
- Flood Insurance
- Foreign Insurance
- Garage Keepers Liability
- Kidnap & Ransom
- Law Enforcement Liability
- Media and Publishers Liability
- Medical Malpractice Liability
- Network Security / Privacy Liability and Internet Media Liability
- Pollution Liability
- Owned/Non-Owned Aircraft
- Owned Watercraft
- Special Events Liability
- Student Accident
- Volunteer Accidental Death & Dismemberment (AD&D)
- Workers' Compensation
- Workplace Violence

Glossary of Insurance Terms

Below are a couple of links to assist you in understanding the insurance terms you may find within your insurance coverages:

<http://insurancecommunityuniversity.com/UniversityResources/InsuranceGlossaryFREE.aspx>

<http://www.ambest.com/resource/glossary.html>

<http://www.irmi.com/online/insurance-glossary/default.aspx>

Binding Requirements Recap

Below is a recap by Line of Coverage. **ALL** coverage(s) require the following:

Coverage Line and Description of Subjectivity(ies)	Effective Date
<p>Difference in Conditions – Earth Movement</p> <ul style="list-style-type: none"> • No Pre-Existing Earthquake Damage Warranty Letter on Insured's letterhead • Written request to bind coverage • Signed Alliant Bind Request • Signed Company Terrorism Disclosure Forms 	

In order to complete the underwriting process, we require that you send us any additional information requested above. We are not required to bind coverage prior to our receipt and underwriting acceptance of the above information. However, if we do bind coverage prior to such acceptance, the terms and conditions as indicated above may be amended until such receipt and acceptance. Any agreement to bind coverage in connection with this proposal must be in writing from an authorized employee of the Insurer

Request to Bind Coverage

SANTA ANA WATERSHED PROJECT AUTHORITY

We have reviewed the proposal and agree to the terms and conditions of the coverages presented. We are requesting coverage to be bound as outlined by coverage line below:

Coverage Line	Bind Coverage for:
Difference in Conditions – Earth Movement	<input type="checkbox"/>

Insured/Signature of Authorized Insurance Representative

Date

This proposal does not constitute a binder of insurance. Binding is subject to final carrier approval. *The actual terms and conditions of the policy will prevail.*

DIFFERENCE IN CONDITIONS COVERAGE

Various Provisions in this policy restrict coverage. Read the entire policy carefully to determine rights, duties and what is and is not covered.

Throughout this policy the words “you” and “your” refer to the Named Insured shown in the Declarations. The words “we”, “us” and “our” refer to the Company providing this insurance.

Other words and phrases that appear in quotation marks have special meaning. Refer to Section I., **Definitions**.

A. COVERAGE

In return for your payment of the required premium, we will pay for all risks of direct physical loss or damage to Covered Property at the locations described in the Declarations caused by or resulting from a Covered Cause of Loss. A Covered Cause of Loss means risks of direct physical loss unless the loss is excluded in Sections **C., Property Excluded** or **D., Causes of Loss Excluded**, or excluded or limited in the Declarations or by endorsement.

1. Covered Property

- a. **Building**, meaning the building or structure at the locations described in the Declarations, including:
 - (1) Completed additions;
 - (2) Fixtures, including outdoor fixtures;
 - (3) Permanently installed:
 - (a) Machinery; and
 - (b) Equipment;
 - (4) Personal property owned by you that is used to maintain or service the building or structure or its premises, including:
 - (a) Fire-extinguishing equipment;
 - (b) Outdoor furniture;
 - (c) Floor coverings; and
 - (d) Appliances used for refrigerating, ventilating, cooking, dishwashing or laundering;
 - (5) If not covered by other insurance:
 - (a) Additions under construction, alterations and repairs to buildings or structures at the locations described in the Declarations. An addition does not include new construction of any separate building or structure;
 - (b) Materials, equipment, supplies and temporary structures, on or within 100 feet of the described location, used for making additions, alterations or repairs to the building or structure.
- b. **Contents**, meaning furniture, fixtures, machinery and equipment being property belonging to you, or such properties of others in your care, custody or control and for which you are liable in the event of a direct physical loss.
- c. **“Stock”**, meaning merchandise held in storage or for sale, raw materials and in-process or finished goods, including supplies used in their packing or shipping, including such properties of others in your care, custody or control and for which you are liable in the event of a direct physical loss.
- d. **Tenant’s Improvements and Betterments**, meaning fixtures, alterations, installations or additions:
 - (1) Made a part of the building you occupy but do not own; and
 - (2) You acquired or made at your expense but cannot legally remove.

2. Additional Coverages

a. Debris Removal

- (1) Subject to Paragraph **(3)** below, we will pay your expense to remove debris of Covered Property caused by or resulting from a Covered Cause of Loss that occurs during the policy period. The expenses will be paid only if they are reported to us in writing within 180 days of the date of direct physical loss or damage.
- (2) Debris Removal does not apply to costs to remove debris caused by an excluded cause of loss.
- (3) Subject to the exceptions in Paragraph **(4)**, the following provisions apply:
 - (a) The most we will pay for the total of direct physical loss or damage plus debris removal expense is the Limit of Insurance applicable to the Covered Property that has sustained loss or damage.
 - (b) Subject to **(a)** above, the amount we will pay for debris removal expense is limited to 25% of the sum of the deductible plus the amount that we pay for direct physical loss or damage to the Covered Property that has sustained loss or damage.
- (4) We will not be liable under this policy for:
 - (a) Any greater proportion of such expense than the amount of insurance hereunder bears to the total amount of all insurance, whether all such insurance contains this clause or not.
 - (b) Loss occasioned by the enforcement of any state or municipal law or ordinance which necessitates the demolition of any portion of the building which has not suffered loss by any Covered Cause of Loss unless such liability is otherwise specifically insured by this policy.

b. Limited Coverage for "Fungus", Wet Rot, Dry Rot and Bacteria

- (1) The coverage described in **A.2.b.(2)** only applies when the "fungus", wet or dry rot or bacteria is the result of a Covered Cause of Loss that occurs during the policy period and only if all reasonable means were used to save and preserve the property from further damage at the time of and after that occurrence.
- (2) The amount of \$5,000 is the most we will pay for loss or damage by "fungus", wet or dry rot or bacteria. As used in this Limited Coverage, the term loss or damage means:
 - (a) Direct physical loss or damage to Covered Property caused by "fungus", wet or dry rot or bacteria, including the cost of removal of the "fungus", wet or dry rot or bacteria;
 - (b) The cost to tear out and replace any part of the building or other property as needed to gain access to the "fungus", wet or dry rot or bacteria; and
 - (c) The cost of testing performed after removal, repair, replacement or restoration of the damaged property is completed, provided there is a reason to believe that "fungus", wet or dry rot or bacteria are present.
- (3) The coverage described under **b.(2)** of this Limited Coverage is limited to \$5,000. Regardless of the number of claims, this limit is the most we will pay for the total of all loss or damage arising out of all loss caused by Covered Causes of Loss which take place during the policy period. With respect to a particular occurrence of loss which results in "fungus", wet or dry rot or bacteria, we will not pay more than a total of \$5,000 even if the "fungus", wet or dry rot or bacteria continues to be present or active, or recurs, in a later policy period.
- (4) The coverage provided under this Limited Coverage does not increase the applicable Limits of Insurance on any Covered Property. If a particular occurrence results in loss or damage by "fungus", wet or dry rot or bacteria, and other loss or damage, we will not pay more, for the total of all loss or damage, than the applicable Limits of Insurance on the affected Covered Property.

If there is covered loss or damage to Covered Property, not caused by "fungus", wet or dry rot or bacteria, loss payment will not be limited by the terms of this Limited Coverage, except to the extent

that "fungus", wet or dry rot or bacteria causes an increase in the loss. Any such increase in the loss will be subject to the terms of this Limited Coverage.

Increase in loss or damage as used in this Limited Coverage means any loss, damage, cost or expense resulting from the presence, treatment, removal or disposal of "fungus", wet or dry rot or bacteria as excluded in this policy.

c. Limited Coverage for Land Stabilization and Building Foundations

- (1) We will pay your expenses, including engineering costs, to replace, stabilize or restore the land that supports the damaged Building when necessary in order to repair the Building which has suffered structural damage. The structural damage to the Building must be directly caused by an "earthquake shock" or "flood". This Limited Coverage is only provided if a limit for "earthquake shock" or "flood" is shown in the Declarations.

The Limited Coverage under this subsection **c.(1)** does not apply to expenses to stabilize or restore the land unless the stabilization or restoration is required in order to repair damage to the damaged Building located directly upon that land that is the result of a loss otherwise covered under the terms of this policy. This Limited Coverage does not apply to costs to stabilize or restore land if the land damage is caused by an excluded cause of loss.

We do not provide any other coverage for land, land damage or landscaping.

- (2) We will pay your expenses to repair or replace Building foundations when required in order to repair the Building which has suffered structural damage. The structural damage to the Building must be directly caused by an "earthquake shock" or "flood". This Limited Coverage is only provided if a limit for "earthquake shock" or "flood" is shown in the Declarations.

The Limited Coverage under this subsection **c.(2)** does not apply to expenses to repair or replace Building foundations unless the repair or replacement is required in order to repair damage to the damaged Building located directly upon those foundations, that is the result of a loss otherwise covered under the terms of this policy. This Limited Coverage does not apply to expenses to repair or replace Building foundations if the damage to the Building is caused by an excluded cause of loss.

As used in this Limited Coverage, Building foundations means the foundations of buildings, machinery or boilers if their foundations are below:

- (a) The lowest basement floor; or
 (b) The surface of the ground, if there is no basement;

The amount of \$5,000 is the most we will pay for land stabilization and Building foundations under this Limited Coverage. Regardless of the number of claims, this limit is the most we will pay for the total of all loss or damage arising out of all losses caused by "earthquake shock" or "flood" which take place during the policy period.

Structural damage to the Building must exceed the deductible in order for this Limited Coverage to apply.

- (3) The expenses for land stabilization and/or Building foundations will be paid only if they are reported to us in writing within 180 days of the date of direct physical loss or damage.

Payments made for coverage under this Limited Coverage for Land Stabilization and Building Foundations are within the Limits of Insurance and will not serve to increase our Limits of Insurance shown in the Declarations.

B. DEDUCTIBLE CLAUSE

All claims for loss or damage arising out of a single "loss occurrence" will be adjusted as one claim, and we will then be liable for the excess of the percentage(s) or amount(s) shown in the Declarations, but in no event to exceed the applicable Limits of Insurance. If two or more causes of loss covered by this policy contribute to a single "loss occurrence", the total deductible will not exceed the largest deductible applicable.

1. Per Unit of Insurance

If the deductible percentage shown in the Declarations is applied Per Unit of Insurance, the deductible is calculated separately for, and applies separately to each Unit of Insurance that sustains loss or damage from a "loss occurrence". The total values at risk Per Unit is the total stated value for each separate unit of insurance as shown on the Declarations or the latest Schedule of Values and Locations. Each of the following is considered a separate Unit of Insurance:

- a. Each separate Building;
- b. All Contents of each separate Building;
- c. Property in the open, including Covered Property which is not a permanent part of a Building in item **a.** above, at each location covered;
- d. Time Element exposures (the sum of Business Income, Extra Expense, Rental Value, Maintenance Fees and any other time element coverages as specifically covered by this policy) applicable at each location covered;
- e. All other coverage forms with respect to each location (separately), whether or not such location has more than one unit as defined in **a.**, **b.**, **c.** and **d.** above.

EXAMPLE – APPLICATION OF PER UNIT OF INSURANCE DEDUCTIBLE

One location with one Building:

Building #1 - The total stated value of the Building is \$800,000, Contents is \$700,000 and Business Income is \$200,000

The total loss at Building #1 = \$100,000 in Building damage, \$600,000 in Contents damage and \$150,000 for Business Income loss.

Deductible = 10%

Step 1: Building deductible = \$800,000 x 10% = \$80,000

Step 2: Contents deductible = \$700,000 x 10% = \$70,000

Step 3: Business Income deductible = \$200,000 x 10% = \$20,000

Step 4: \$100,000 - \$80,000 = \$20,000

Step 5: \$600,000 - \$70,000 = \$530,000

Step 6: \$150,000 - \$20,000 = \$130,000

The most we will pay is \$680,000. That portion of the total loss not covered due to the application of the deductibles is \$170,000.

2. Per Location

If the deductible percentage shown in the Declarations is applied Per Location, the deductible is calculated separately for, and applies separately to, each location that sustains loss or damage from a "loss occurrence". The total values at risk per location is the total stated value of all Covered Property and Time Element exposures (the sum of Business Income, Extra Expense, Rental Value, Maintenance Fees and any other time element coverages as specifically covered by this policy) covered at each location as shown on the Declarations or the latest Schedule of Locations and Values, regardless of whether such Covered Property incurred loss or damage.

EXAMPLE – APPLICATION OF PER LOCATION DEDUCTIBLE

Two locations with two Buildings at location #1 and one building at location #2:

Location #1, Building #1 - The total stated value of the Building, Contents and Business Income is \$1,920,000. The Total Loss for Building, Contents and Business Income at Building #1 = \$1,000,000

Location #1, Building #2 - The total stated value of the Building, Contents and Business Income is \$140,000.
The total loss for Building, Contents and Business Income at Building #2 = \$30,000

Location #2, Building #1 – The total stated value of the Building, Contents and Business Income is \$900,000. The total loss for Building, Contents and Business Income at Location #2 = \$200,000

Deductible = 10%

Step 1: Total loss at Location #1 = \$1,000,000 + \$30,000 = \$1,030,000

Step 2: Total loss at Location #2 = \$200,000

Deductible applied to Location #1 = $(\$1,920,000 + \$140,000) \times 10\% = \$206,000$

Deductible applied to Location #2 = $\$900,000 \times 10\% = \$90,000$

The most we will pay is \$934,000. That portion of the total loss not covered due to the application of the deductible is \$296,000.

3. Per Policy

If the deductible percentage shown in the Declarations is applied Per Policy, the deductible is calculated as a percentage of the total stated value of all Covered Property and Time Element exposures (the sum of Business Income, Extra Expense, Rental Value, Maintenance Fees and any other time element coverages as specifically covered by this policy) covered by this policy at all locations described in the Declarations or the latest Schedule of Values and Locations, regardless of whether such Covered Property incurred loss or damage.

EXAMPLE – APPLICATION OF PER POLICY DEDUCTIBLE

Two locations with one Building at each location:

Location #1 - The total stated value of the Building, Contents and Business Income is \$2,000,000.

The total loss for Building, Contents and Business Income at Location #1 = \$1,600,000

Location #2 – The total stated value of the Building, Contents and Business Income is \$400,000.

The total loss for Building, Contents and Business Income at Building #2 = \$0

Deductible = 10%

Step 1: $\$2,000,000 + \$400,000 = \$2,400,000$ (total Policy values)

Deductible applied to the policy = $\$2,400,000 \times 10\% = \$240,000$

The most we will pay is \$1,360,000. That portion of the total loss not covered due to the application of the deductible is \$240,000.

4. Per Building

If the deductible percentage shown in the Declarations is applied Per Building, the deductible is calculated separately for, and applies separately to, each building that sustains loss or damage from a “loss occurrence”. The total values at risk Per Building is the sum of all stated values for Covered Property at each separate building as shown in the Declarations or latest Schedule of Locations and Values, regardless of whether there was loss or damage to some or all of the Covered Property. The total values at risk Per Building also include Time Element losses (the sum of Business Income, Extra Expense, Rental Value, Maintenance Fees and any other time element coverages as specifically covered by this policy) arising in whole or in part from loss or damage to each separate Building.

EXAMPLE – APPLICATION OF PER BUILDING DEDUCTIBLE

One location with two Buildings:

Building #1 - The total stated value of the Building, Contents and Business Income is \$1,200,000.

The total loss for Building, Contents and Business Income at Building #1 = \$800,000

Building #2 – The total stated value of the Building, Contents and Business Income is \$600,000.

The total loss for Building, Contents and Business Income at Building #2 = \$200,000

Deductible = 10%

Step 1: Total stated values at Building #1 = \$1,200,000

Step 2: Deductible applied to Building #1 = \$1,200,000 x 10% = \$120,000

Step 3: Total stated values at Building #2 = \$600,000

Step 4: Deductible applied to Building #2 = \$600,000 x 10% = \$60,000 Step 5: \$800,000 - \$120,000 = \$680,000

Step 5: \$200,000 - \$60,000 = \$140,000

The most we will pay is \$820,000. That portion of the total loss not covered due to the application of the deductible is \$180,000.

The total loss shown in the example above is the adjusted loss after deduction for all applicable calculations have been taken.

The total loss shown in the examples **1, 2, 3** and **4** above is the adjusted loss after deduction for all applicable calculations have been taken.

C. PROPERTY EXCLUDED

We will not pay for loss or damage to the following property unless a sublimit for that property is shown in the Declarations or in an endorsement to this policy:

1. Accounts, bills, deeds, evidences of debt, currency, money, notes, securities, stamps, original drawings and specifications, letters of credit, passports, tickets (including lottery tickets), valuable papers or records. We will not pay for the cost or expense to research, replace or restore the information on valuable papers and records, including those which exist on electronic or magnetic media;
2. Animals, growing plants, trees or shrubs (except when held for sale, or when used for decorative purposes inside buildings), growing crops or lawns;
3. Antiques, objects of art, sculpture, property of artistic, historical or scientific significance whether or not constituting part of the covered buildings; or any item scheduled under a Fine Arts or other scheduled property floater;
4. Bridges, tunnels, dams, trestles, culverts, swales, roadways, walks, patios or other paved surfaces;
5. Contraband, or property in the course of illegal transportation or trade;
6. Contractors' equipment;
7. Electronic data processing equipment including computers, electronic accounting machines, all supporting machinery, magnetic tapes, discs, cards, any storage device and all software including procedures, programs or source material of any kind unless specifically endorsed to this policy;
8. Electronic data, meaning information, facts or computer programs stored as or on, created or used on, or transmitted to or from computer software (including systems and applications software), on hard or floppy disks, CD-ROMs, tapes, drives, cells, data processing devices or any other repositories of computer software which are used with electronically controlled equipment. The term computer programs, referred to in the foregoing description of electronic data, means a set of related electronic instructions which direct the operations and functions of a computer or device connected to it, which enable the computer or device

to receive, process, store, retrieve or send data. This paragraph 8., does not apply to your "stock" of prepackaged software;

9. Exported or imported property that is covered under any ocean marine cargo insurance policy or any similar policy covering exports and imports;
10. Fences, radio or television antennas (including satellite dishes) and their lead-in wiring, masts or towers, signs (other than signs attached to buildings);
11. Foundations of buildings, machinery or boilers if their foundations are below:
 - a. The lowest basement floor; or
 - b. The surface of the ground, if there is no basement;

Even if the building sustains covered direct physical damage that results in enforcement of an ordinance or law requiring demolition and construction or repair of damaged or undamaged foundations, these foundations are excluded from coverage under this policy except to the extent provided under **A.2.c. Limited Coverage for Land Stabilization and Building Foundations**;
12. Grain, hay, straw or other crops;
13. Jewelry, watches, pearls, precious and semi-precious stones, gold, silver, platinum, other precious metals or alloys, bullion, furs, and articles trimmed with fur;
14. Land or land value (including land on which the property is located), or air or water, howsoever and wherever located, or any interest or right therein, including underground or surface water, water rights and mineral rights. We will not pay for the cost of excavations, grading, backfilling or filling except to the extent provided under **A.2.c. Limited Coverage for Land Stabilization and Building Foundations**;
15. Mining equipment;
16. Motor vehicles licensed for highway use, motorcycles, motor scooters and other similar vehicles licensed for highway use, watercraft, aircraft;
17. Pilings, piers, bulkheads, wharves or docks;
18. Pools, spas, jacuzzis, or fountains;
19. Property in the course of construction, including materials and supplies thereof;
20. Property sold by you under conditional sales, trust agreements, installment payments or other deferred payment plans after delivery to customers;
21. Property in transit, including but not limited to shipments in the mail;
22. Power transmission and/or distribution lines not on the insured's premises;
23. Railroad rolling stock, including locomotives, or roadbeds;
24. Retaining walls that are not attached to the building described in this coverage form;
25. Underground pipes, flues or drains, including, but not limited to water, electrical, communications and sanitary systems, except to the extent provided under **A.2.c. Limited Coverage for Land Stabilization and Building Foundations**.
26. Underground Tanks

D. CAUSES OF LOSS EXCLUDED

We will not pay for loss, damage, cost or expense directly or indirectly caused by or resulting from, any of the following excluded causes of loss. Such loss, damage, cost or expense is excluded regardless of any other cause or event that contributes concurrently or in sequence to the loss.

1. The following causes of loss are excluded whether or not insurance for such causes of loss is being maintained by you at the time of the loss and whether or not such loss or damage is directly or indirectly caused by or contributed to by a cause of loss covered under this policy:

- a. Aircraft or vehicles, including loss or damage by objects falling from aircraft as well as loss or damage caused by or resulting from vehicles owned by you or operated in the course of your business;
- b. Any causes of loss covered under policies maintained by you as required by item **F.7. All Risk Coverage Warranty**, of this form;
- c. Explosion, including, but not limited to, the explosion of gases or fuel within the furnace of any fired vessel or within the flues or passages through which the gases of combustion pass. Explosion also includes:
 - (1) The rupture, bursting, or operation of pressure relief devices; and
 - (2) The rupture or bursting due to expansion or swelling of the contents of any building, caused by or resulting from water;
- d. Falling objects, including loss or damage to personal property in the open and to the interior of a building or property inside a building;
- e. Fire and/or lightning;
- f. Riot or civil commotion, including, but not limited to:
 - (1) Acts of striking employees while occupying the described location; and/or
 - (2) Looting occurring at the time and place of a riot or civil commotion;
- g. Sinkhole collapse, including but not limited to loss or damage caused by the sudden sinking or collapse of land into underground empty spaces created by the action of water on soil and/or bedrock, or the sinking or collapse of land into man-made underground cavities;
- h. Smoke, including, but not limited to, gas, vapor and smoke from agricultural smudging or industrial operations;
- i. Sprinkler leakage, meaning leakage or discharge of any substance from an "automatic sprinkler system", including collapse of a tank that is part of the system;
- j. Vandalism and malicious mischief, meaning willful and malicious damage to, or destruction of, Covered Property;
- k. Water damage, including, but not limited to:
 - (1) Discharge or leakage of water or steam as the direct result of the breaking apart or cracking of plumbing, heating, air conditioning or other systems or appliances, that are located on the described premises and contains water or steam;
 - (2) Discharge or leakage from a sump or related equipment and parts, including the overflow due to sump pump failure or excessive volume of water;
 - (3) Discharge or leakage from roof drains, gutters, downspouts or similar fixtures or equipment;
 - (4) The cost to repair any defect that caused the loss or damage;
 - (5) Loss or damage caused by or resulting from the continuous or repeated seepage or leakage of water, or the presence or condensation of humidity, moisture or vapor;
 - (6) Loss or damage caused by or resulting from freezing and/or thawing; and
 - (7) Water which overflows or backs up through sewers, sewer sumps or drains, surface waters, water below the surface of the ground including water that exerts pressure on or flows, seeps, or leaks through sidewalks, driveways, foundations, walls, basement or other floors, or through doors, windows or any other openings in such sidewalks, driveways, foundations, basements, walls, floors, or paved surfaces;
- l. Weather Conditions, including, but not limited to:
 - (1) Windstorm or hail;

- (2) Frost or cold weather;
 - (3) Ice, rain, snow or sleet, whether driven by wind or not; and
 - (4) Loss or damage to the interior or exterior of any building, or the property inside or outside the building, caused by rain, snow, sand or dust, whether driven by wind or not;
 - (5) Weight of snow, hail, ice or sleet, including loss or damage to personal property outside of buildings;
2. The following causes of loss:
- a. "Earthquake shock" inducing a fire. This means we will not pay for loss or damage occasioned by an "earthquake shock"-induced fire;
 - b. "Earthquake shock" inducing an explosion. This means we will not pay for loss or damage caused by an "earthquake shock"-induced explosion;
 - c. "Earthquake shock" inducing a volcanic eruption. This means we will not pay for loss or damage caused by an "earthquake shock"-induced volcanic eruption;
 - d. "Earthquake shock" inducing a tsunami, "earthquake shock" inducing a tidal wave. This means we will not pay for loss or damage caused by either an "earthquake shock"-induced tsunami and/or an "earthquake shock"-induced tidal wave;
 - e. "Earthquake shock" inducing a "flood". This means we will not pay for loss or damage caused by an "earthquake shock"-induced "flood", except when "flood" coverage is purchased and made a part of this policy;
 - f. "Earthquake shock" inducing sprinkler leakage. This means we will not pay for loss or damage caused by "earthquake shock"-induced sprinkler leakage, except when covered by an Earthquake Sprinkler Leakage Endorsement attached to and made a part of this policy;
- 3.
- a. Acts or decisions, including the failure to act or decide, of any person, organization or governmental body;
 - b. Faulty, inadequate or defective:
 - (1) Planning, zoning, development, surveying, siting;
 - (2) Design, specifications, workmanship, repair, construction, renovation, remodeling, grading, compaction;
 - (3) Materials used in repair, construction, renovation, or remodeling; or
 - (4) Maintenance; of part or all of any property on or off the locations covered;
4. Any fraudulent scheme, trick, device or false pretense perpetrated upon you or upon any person(s) to whom the property may be entrusted;
- 5.
- a. Asbestos, dioxin, or polychlorinated biphenyls removal, encapsulation, covering, or any manner of control or abatement from any goods, products, "stock", contents or building. We will not pay for loss or damage caused by or resulting from:
 - b. Demolition, increased cost of construction, repair, debris removal or loss of use necessitated by the enforcement of any law or ordinance regulating asbestos, dioxins, or polychlorinated biphenyls;
 - c. Any governmental direction or request declaring that asbestos materials, dioxins, or polychlorinated biphenyls present in or part of or utilized on any undamaged portion of your property can no longer be used for the purpose for which it was intended or installed and must be removed or modified; or
 - d. The presence of asbestos, dioxins, or polychlorinated biphenyls in any building as defined in **A.1.a** of this policy;

6. Dampness of atmosphere, dryness of atmosphere, extremes or changes of temperature or barometric pressure, shrinkage, evaporation, loss of weight, rust or corrosion;
7. Delay, loss of market, loss of use, interruption of business, consequential loss of any nature; except when specifically covered;
8. Denial of service; including but not limited to authorized or unauthorized direction of a high volume of messages or inquiries to web sites or e-mail destinations, effectively denying, interrupting or limiting legitimate access, including but not limited to spamming or phishing;
9. Earth movement, including but not limited to:
 - a. Loss caused by landslide and/or avalanche, and any earth sinking, rising or shifting related to such an event;
 - b. Mine subsidence, meaning subsidence of a man-made mine, whether or not mining activity has ceased;
 - c. Earth sinking, rising or shifting including soil conditions which cause settling, cracking, or other disarrangement of foundations or other parts of real property. Soil conditions include contraction, expansion, freezing, thawing, erosion, improperly compacted, graded and/or maintained soil and/or the action of water under the ground surface;
 - d. Collapse of volcanic edifice;
 - e. Man-made shaking or vibrations;
 - f. Mudslide or mudflow;

However, earth movement does not include "earthquake shock" as defined in this policy;

10. Electrical injury or disturbance to electrical appliances, fixtures or wiring caused by electrical currents artificially generated, except with respect to ensuing loss caused by or resulting from a Covered Cause of Loss;
11. Enforcement of any ordinance or law regulating the construction, use, repair or demolition of any real property insured hereunder. This exclusion applies whether the loss results from an ordinance or law that is enforced even if the property has not been damaged; or the loss results from the increased costs incurred to comply with an ordinance or law in the course of construction, repair, renovation, remodeling or demolition of property, or removal of its debris, following a physical loss to that property;
12. Errors in design, errors in processing, faulty workmanship or faulty materials, including any ensuing collapse;
13. Explosion or rupture or bursting of pressure vessels or pipes, or steam boilers, or steam engines, or steam turbines, or flywheels; any of which is owned, leased or operated by you;
14. Failure of power, communication, water or other utility service supplied to the described location, however caused. Failure of any utility service includes lack of sufficient capacity and reduction in supply. Communication services include but are not limited to service relating to Internet access or access to any electronic, cellular or satellite network;
15.
 - a. The failure, malfunction or inadequacy of:
 - (1) Any of the following, whether belonging to you or to others:
 - (a) Computer hardware, including microprocessors;
 - (b) Computer application software;
 - (c) Computer operating systems and related software;
 - (d) Computer networks;
 - (e) Microprocessors (computer chips) not part of any computer system; or

- (f) Any other computerized or electronic equipment or components; or
 - (2) Any other products, and any services, data or functions that directly or indirectly use or rely upon, in any manner, any of the items listed in Paragraph a.(1)(a) above.
 - b. Any advice, consultation, design, evaluation, inspection, installation, maintenance, repair, replacement or supervision provided or done by you or for you to determine, rectify or test for, any potential or actual problems described in Paragraph a. (1) and a. (2) above;
- We will not pay for repair, replacement or modification of any items in Paragraphs **a. (1)** and **a. (2)** above to correct any deficiencies or change any features;
16. Freezing and/or thawing of plumbing or heating systems;
 17. "Fungus", wet rot, dry rot and bacteria

This exclusion applies regardless of whether "fungus", wet rot or dry rot or bacteria arises from any other cause of loss, including but not limited to, a loss involving water, water damage or discharge, which may otherwise be covered by this policy, except to the extent provided under **A.2.b. Limited Coverage for "Fungus", Wet Rot, Dry Rot and Bacteria**;
 18. Geomagnetic storms, solar flares, solar eruptions or bursts including plasma bubbles or ejections, magnetic field or magnetosphere fluctuations or disruptions, comets, asteroids, meteorites, or any falling spacecraft, part or fragment thereof;
 19. Hostile or warlike action in time of peace or war, including:
 - a. Action in hindering, combating or defending against an actual, impending or expected attack by:
 - (1) Any government or sovereign power (de jure or de facto), or by any authority maintaining or using military, naval or air forces; or
 - (2) Military, naval or air forces; or
 - (3) By any agent of any government, power, authority or forces;
 - b. Use of any weapon employing atomic fission or radioactive force whether in time of peace or war;
 - c. Insurrection, rebellion, revolution, civil war, usurped power or martial law or action taken by governmental authority in hindering, combating or defending against any such occurrence, seizure or destruction under quarantine or customs regulation, confiscation by order of any government or public authority, or risks of contraband or illegal transportation or trade;
 20. Infidelity or any dishonest or criminal act by you, any of your partners, members, officers, managers, employees (including leased employees), directors, trustees, authorized representatives or anyone to whom you entrust the property for any purpose:
 - a. Acting alone or in collusion with others; or
 - b. Whether or not occurring during the hours of employment;
 21. Leakage of contents, breakage of glass or similar fragile materials, marring, scratching, exposure to light, contamination, change in flavor or color or texture or finish;
 22. Mechanical breakdown, including rupture or bursting caused by centrifugal force;
 23. Nuclear reaction or nuclear radiation or radioactive contamination, all whether controlled or uncontrolled;
 24. Pilferage, burglary, larceny, looting, robbery, theft, or attempted theft;
 25. "Pollutants", including loss or damage caused by or resulting from the discharge, dispersal, seepage, migration, release or escape of "pollutants", including but not limited to any cost or expense to:
 - a. Extract "pollutants" from land, air or water; or
 - b. Remove, restore or replace polluted land, air or water; or

- c. Investigate any loss, injury, or damage, or for any cost, fine, or penalty or for any expense or claim or suit related to either **a.** or **b.** above;
26. Settling, shrinkage, subsidence or expansion of foundations, walls, floors, or ceilings;
 27. Seizure or destruction of property by order of governmental authority;
 28. "Terrorism", including loss, damage, cost or expense caused by, resulting from or in connection with:
 - a. Any act of "terrorism";
 - b. The use or threatened use of biological, chemical, radiological or nuclear substances for the apparent purpose of or with the result of harming or intimidating a civilian population, whether in time of peace or war, and regardless of who commits the acts; or
 - c. Any action taken to control, counter, prevent, respond to, mitigate or suppress either a. or b. above;

This does not apply to "Certified Acts of Terrorism" if such coverage is purchased and made part of this policy;
 29. Tsunami, waves, wave wash, wave action, tides, tidal waves, tidal water, storm surge, or their spray, all whether driven by wind or not;
 30. Unexplained disappearance of property or loss or shortage of property disclosed on taking inventory;
 31. Volcanic eruption, explosion or effusion, including any related shaking or trembling of the earth and/or ensuing "volcanic action";
 32. Water, other liquids, gas, powder or molten material that leaks or flows from plumbing, heating, air conditioning, fire protective systems, or other equipment;
 33. Wear and tear, depreciation, inherent vice, latent defect, gradual deterioration, decay, smog, nesting or infestation, vermin, rodents, termites or other insects including larvae or pupae thereof;
 34. Your neglect to use all reasonable means to save and preserve property from further damage at and after the time of loss.

E. CANCELLATION POLICY CONDITION

1. The first Named Insured shown in the Declarations may cancel this policy by mailing or delivering to us advance written notice of cancellation.
2. We may cancel this policy by mailing or delivering to the first Named Insured written notice of cancellation at least 10 days before the effective date of cancellation.
3. We will mail or deliver our notice to the first Named Insured's last mailing address known to us.
4. Notice of cancellation will state the effective date of cancellation. The policy period will end on that date.
5. If this policy is canceled, we will send the first Named Insured any premium refund due. If we cancel, the refund will be pro rata. If the first Named Insured cancels, the refund may be less than pro rata. The cancellation will be effective even if we have not made or offered a refund.
6. If notice is mailed, proof of mailing will be sufficient proof of notice.

F. OTHER POLICY CONDITIONS

1. Changes ~

This policy contains all agreements between you and us concerning the insurance afforded. The first Named Insured shown in the Declarations is authorized to make changes in the terms of this policy with our consent. This policy's terms can be amended or waived only by endorsement issued by us and made a part of this policy. Notice to any agent or broker or knowledge possessed by any agent or broker or by any other person will not constitute a waiver or a change in any part of this policy or stop us from asserting any right(s) under the terms of this policy.

2. Examination Of Your Books and Records

We may examine and audit your books and records as they relate to this policy at any time during the policy period and up to three years afterward.

3. Inspections And Surveys

a. We have the right to:

- (1) Make inspections and surveys at any time;
- (2) Give you reports on the conditions we find;
- (3) Recommend changes; and
- (4) Make appraisals and valuations.

b. We are not obligated to make any inspections, surveys, reports, appraisals, valuations or recommendations and any such actions we do undertake relate only to insurability and the premiums to be charged. Valuations and appraisals do not constitute a recommendation regarding the adequacy of Limits of Insurance under this policy. We do not make safety inspections. We do not undertake to perform the duty of any person or organization to provide for the health or safety of workers or the public. And we do not warrant that conditions:

- (1) Are safe or healthful;
- (2) Comply with laws, regulations, codes or standards.

c. Paragraphs a. and b. of this condition apply not only to us, but also to any rating, advisory, rate service or any organization which makes insurance inspections, surveys, reports or recommendations.

4. Minimum Retained Premium

In the event of cancellation of this policy at your request, the policy Minimum Retained Premium will be the percentage of the policy premium shown in the Declarations at a maximum of 25%. Your failure to make a timely payment of premium will be considered a request by you for us to cancel. If we cancel for non-payment of premium, the minimum retained premium or minimum earned premium, whichever is greater, will be immediately due and payable.

5. Premiums

The first Named Insured shown in the Declarations:

- a. Is responsible for the payment of all premiums; and
- b. Will be the payee for any return premiums we pay.

6. Transfer Of Your Rights And Duties Under This Policy

Your rights and duties under this policy may not be transferred without our written consent except in the case of death of an individual Named Insured.

If you die, your rights and duties will be transferred to your legal representative but only while acting within the scope of duties as your legal representative. Until your legal representative is appointed, anyone having proper temporary custody of your property will have your rights and duties but only with respect to that property.

7. All Risk Coverage Warranty

You warrant that the property insured is covered and at all times during the policy period will continue to be covered, by standard all risk insurance for the term of this policy, equivalent to Insurance Services Office, Inc. forms CP 0010 and CP 1030 or their equivalent(s) as approved by the insurance department of the state where the predominant exposure is located. All losses under this policy will be adjusted as though such coverage was in effect at the time of loss. It is agreed that your failure to comply with this warranty shall constitute a violation of a material warranty and make this policy voidable by us.

G. LOSS CONDITIONS

1. **Abandonment**

There can be no abandonment of any property to us.

2. **Appraisal**

If we and you disagree on the values of the property or the amount of loss, either may make written demand for an appraisal of the loss. In this event, each party will select a competent and impartial appraiser. The two appraisers will select an umpire. If they cannot agree, either may request that selection be made by a judge of a court having jurisdiction. The appraisers will state separately the value of the property and amount of loss. If they fail to agree, they will submit their differences to the umpire. A decision agreed to by any two will be binding. Each party will:

- a. Pay its chosen appraiser; and
- b. Bear the other expenses of the appraisal and umpire equally.

If there is an appraisal, we will still retain our right to deny the claim.

3. **Brands And Labels**

In the event of loss of or damage to labels, capsules or wrappers, the loss will be adjusted on the basis of an amount sufficient to pay the cost of new labels, capsules or wrappers.

If branded or labeled merchandise covered by this policy is damaged and we elect to take all or any part of such merchandise at the value established by the terms of this policy, you may, at your own expense, stamp "salvage" on the merchandise or its containers, or may remove or obliterate the brands or labels, if such stamp, removal or obliteration will not physically damage the merchandise; but you must re-label the merchandise or containers in compliance with the requirements of law.

4. **Duties In The Event Of Loss Or Damage**

- a. You must see that the following are done in the event of loss or damage to Covered Property:

- (1) Notify the police if a law may have been broken.
- (2) Give us prompt notice of the loss or damage. Include a description of the property involved.
- (3) As soon as possible, give us a description of how, when and where the loss or damage occurred.
- (4) Take all reasonable steps to protect the Covered Property from further damage, and keep a record of your expenses necessary to protect the Covered Property, for consideration in the settlement of the claim. This will not increase the Limits of Insurance. However, we will not pay for any subsequent loss or damage resulting from a cause of loss that is not a Covered Cause of Loss. Also, if feasible, set the damaged property aside and in the best possible order for examination. No insured will, except at that insured's own cost, voluntarily make a payment, assume any obligation, or incur any expense without our written consent.
- (5) At our request, give us complete inventories of the damaged and undamaged property. Include quantities, costs, values and amount of loss claimed.
- (6) As often as may be reasonably required, permit us to inspect the property proving the loss or damage and examine your books and records. Also permit us to take samples of damaged and undamaged property for inspection, testing and analysis, and permit us to make copies from your books and records.
- (7) Send us a signed, sworn proof of loss containing the information we request to investigate the claim. You must do this within 60 days after our request.
- (8) Cooperate with us in the investigation or settlement of the claim.

- b. We may examine any insured under oath, while not in the presence of any other insured and at such times as may be reasonably required, about any matter relating to this insurance or the claim, including an insured's books and records. In the event of an examination, an insured's answers must be signed.

5. **Excess Insurance**

Permission is granted to you to have excess insurance over the Limits of Insurance set forth in this policy without prejudice to this policy, and the existence of such insurance, if any, will not reduce any liability under this policy.

6. Loss Clause

Following an "earthquake shock" or "flood" loss, we have the option but not the duty of reinstating the Limits of Insurance shown in the Declarations for "earthquake shock" and "flood", for an additional premium.

7. Loss Payment

a. In the event of loss or damage covered by this policy, at our option, we will either:

- (1) Pay the value of lost or damaged property;
- (2) Pay the cost of repairing or replacing the lost or damaged property, subject to **b.** below;
- (3) Take all or any part of the property at an agreed or appraised value; or
- (4) Repair, rebuild or replace the property with other property of like kind and quality, subject to **b.** below.

We will determine the value of lost or damaged property, or the cost of its repair or replacement, in accordance with the applicable terms of the Valuation Condition in this policy or any applicable provision which amends or supersedes the Valuation Condition.

b. The cost to repair, rebuild or replace does not include the increased cost attributable to enforcement of any ordinance or law regulating the construction, use or repair of any property.

c. We will give notice of our intentions within 30 days after we receive the sworn proof of loss.

d. We will not pay you more than your financial interest in the Covered Property.

e. We may adjust losses with the owners of lost or damaged property if other than you. If we pay the owners, such payments will satisfy your claims against us for the owners' property. We will not pay the owners more than their financial interest in the Covered Property.

f. We may elect to defend you against suits arising from claims of owners of property. We will do this at our expense.

g. We will pay for covered loss or damage within 30 days after we receive the sworn proof of loss, if you have complied with all of the terms of this Coverage Part and:

- (1) We have reached agreement with you on the amount of loss; or
- (2) An appraisal award has been made.

h. A party wall is a wall that separates and is common to adjoining buildings that are owned by different parties. In settling covered losses involving a party wall, we will pay a proportion of the loss to the party wall based on your interest in the wall in proportion to the interest of the owner of the adjoining building. However, if you elect to repair or replace your building and the owner of the adjoining building elects not to repair or replace that building, we will pay you the full value of the loss to the party wall, subject to all applicable policy provisions including Limits of Insurance, the Valuation Conditions and all other provisions of this Loss Payment Condition. Our payment under the provisions of this paragraph does not alter any right of subrogation we may have against any entity, including the owner or insurer of the adjoining building, and does not alter the terms of the Transfer Of Rights Of Recovery Against Others To Us Condition in this policy.

8. Other Insurance

- a. You may have other insurance subject to the same plan, terms, conditions and provisions as the insurance under this policy. If you do, we will pay our share of the covered loss or damage. Our share is the proportion that the applicable Limits of Insurance under this policy bears to the Limits of Insurance of all insurance covering on the same basis.
- b. If there is other insurance covering the same loss or damage, other than that described in **a.** above, we will pay only for the amount of covered loss or damage in excess of the amount due from that other insurance, whether you can collect on it or not. But we will not pay more than the applicable Limits of Insurance.

9. Pair, Set Or Parts

- a. Pair or Set

In case of loss or damage to any part of a pair or set we may:

- (1) Repair or replace any part to restore the pair or set to its value before the loss; or
- (2) Pay the difference between the value of the pair or set before and after the loss.

- b. Parts

In case of loss or damage to any part of Covered Property consisting of several parts when complete, we will only pay for the value of the lost or damaged part.

10. Records and Inventory

You will keep accurate books, records and accounts in the following manner: A detailed and itemized inventory record of all property covered hereunder will be maintained and physical inventory will be taken periodically at intervals not more than 12 months apart.

11. Recovered Property

If either you or we recover any property after loss settlement, that party must give the other prompt notice. At your option, the property will be returned to you. You must then return to us the amount we paid to you for the property. We will pay recovery expenses and the expenses to repair the recovered property, subject to the Limits of Insurance.

12. Single Loss Clause

Each loss by "earthquake shock" occasioned by any one disaster, loss; or series of disasters, or losses, arising out of any one event will constitute a single loss hereunder, provided, if more than one "earthquake shock" arising out of any one event occurs within any period of 168 hours during the policy period, such "earthquake shocks" will be deemed to be a single "earthquake shock" within the meaning hereof. We will not be liable for any loss caused by any "earthquake shock" occurring before the effective date and time of this policy, nor for any loss occurring after the expiration date and time of this policy.

Each loss by "flood" occasioned by any one disaster, loss or series of disasters, or losses, arising out of any one event, that occurs within any period of 72 hours during the policy period will constitute a single loss hereunder.

13. Stated Values

If at the time of loss, the values shown on the Declarations or the latest Schedule of Locations and Values are not individually stated for each building or contents at each location:

- a. The value for each building will be developed by multiplying the total reported building value by the proportion that the square footage of the individual building bears to the total square footage of all buildings contemplated in the total reported building value.
- b. The value of Contents at each location will be developed by multiplying the total reported Contents value by the proportion that the square footage of all buildings at the individual location bears to the total square footage of all buildings at all locations contemplated in the total reported Contents value.

The square footage of each separate building will be estimated or ascertained after a "loss occurrence" as necessary. For the purpose of this Loss Condition, each Coverage marked in the Declarations is deemed to be a separate Coverage.

In the event that the submission, application or Statement of Values does not provide a total stated value of one or more separate Coverage(s) by Location, but rather contains a total stated value for the separate Coverage(s) for all Locations on the policy, then the pro-rata factor for that coverage will be calculated as the square footage of the damaged building divided by the total square footage for all buildings covered under this policy.

Example:

The following example illustrates how a stated value is calculated under the conditions above. The amounts in the example shown may not be applicable to your policy. They are being used only to provide you with an example. Further, this example is not intended to be limited to determining the stated values of only individual buildings and contents, but rather is intended to be applicable to each separate Coverage marked in the Declarations.

In this example, there are three buildings at one location, with total building values for the location of \$7,500,000 and total contents value for the location of \$3,000,000.

	Square Footage (1)	Total Square Footage location (1)	Pro Rata Factor (2)	Location Total Building Value (1)	Building Stated Value (3)	Location Total Contents Value (1)	Contents Stated Value (4)
Building 1	10,000	50,000	0.2	\$7,500,000	\$1,500,000	\$3,000,000	\$600,000
Building 2	25,000	50,000	0.5	\$7,500,000	\$3,750,000	\$3,000,000	\$1,500,000
Building 3	15,000	50,000	0.3	\$7,500,000	\$2,250,000	\$3,000,000	\$900,000

- (1) As reported on the application or submission.
- (2) The Pro-rata Factor is calculated by dividing the Square Footage of each building by the Total Square Footage Location.
- (3) The Building Stated Value is calculated by multiplying the Pro-rata Factor times the Location Total Building Value.
- (4) The Contents Stated Value is calculated by multiplying the Pro-rata Factor times the Location Total Contents Value.

14. Valuation

We will determine the value of Covered Property in the event of loss or damage as follows:

- a. At Replacement Cost (without deduction for depreciation);
- b. Replacement cost does not apply to:
 - (1) Personal property of others;
 - (2) Contents of a residence;
 - (3) Works of art, antiques or rare articles, including etchings, pictures, statuary, marbles, bronzes, porcelains and bric-a-brac;
 - (4) "Stock", unless the Including "stock" option is shown in the Declarations;
 - (5) Manuscripts; or
 - (6) Any item covered under the Valuable Papers and Records Endorsement, when attached to and made a part of this policy.

The items listed under **b.** above will be valued at actual cash value as of the time of loss or damage.

Under the terms of this Valuation Provision, Tenants' Improvements and Betterments are not considered to be the personal property of others.

- c. You may make a claim for loss or damage covered by this insurance on an actual cash value basis instead of on a replacement cost basis. In the event you elect to have loss or damage settled on an actual cash value basis, you may still make a claim for the replacement cost valuation if you notify us of your intent to do so within 180 days after the loss or damage.
- d. We will not pay on a replacement cost basis for any loss or damage:
 - (1) Until the lost or damaged property is actually repaired or replaced; and
 - (2) Unless the repairs or replacement are made as soon as reasonably possible after the loss or damage.

With respect to tenants' improvements and betterments, the following also apply:

- (3) If the conditions in **d.(1)** and **d.(2)** above are not met, the value of tenants' improvements and betterments will be determined as a proportion of your original cost. We will determine the proportionate value as follows:
 - (a) Multiply the original cost by the number of days from the loss or damage to the expiration of the lease; and
 - (b) Divide the amount determined in **(a)** above by the number of days from the installation of improvements to the expiration of the lease.

If your lease contains a renewal option, the expiration of the renewal option period will replace the expiration of the lease in this procedure.
- (4) We will not pay for loss or damage to tenants' improvements and betterments if others pay for repairs or replacement.
- e. We will not pay more for loss or damage on a replacement cost basis than the least of **(1)**, **(2)** or **(3)**, subject to **f.** below:
 - (1) The Limit of Insurance applicable to the lost or damaged property;
 - (2) The cost to replace the lost or damaged property with other property:
 - (a) Of comparable material and quality; and
 - (b) Used for the same purpose; or
 - (3) The amount actually spent that is necessary to repair or replace the lost or damaged property.

If a building is rebuilt at a new location, the cost described in **e.(2)** above is limited to the cost which would have been incurred if the building had been rebuilt at the original location.

- f. The cost of repair or replacement does not include the increased cost attributable to enforcement of any ordinance or law regulating the construction, use or repair of any property.

H. ADDITIONAL CONDITIONS

1. Claims Against Third Parties

In the event of any loss of or damage to the property covered hereunder you will immediately make claim in writing against the carrier(s), bailee(s) or others involved.

2. Concealment, Misrepresentation Or Fraud

This policy is void in any case of fraud by you as it relates to this Coverage at any time. It is also void if you or any other insured, at any time, intentionally conceals or misrepresents a material fact concerning:

- a. This policy;
- b. The Covered Property;

- c. Your interest in the Covered Property; or
- d. A claim under this policy.

3. **Legal Action Against Us**

No one may bring a legal action against us under this policy unless:

- a. There has been full compliance with all of the terms of this policy; and
- b. The action is brought within 12 months after the date on which the direct physical loss or damage occurred.

However, if by the laws of the state within which this policy is issued such limitation is invalid, then any such claims will be void unless such action, suit or proceeding be commenced within the shortest limit of time permitted by the laws of such state.

4. **No Benefit To Bailee**

No person or organization, other than you, having custody of Covered Property will benefit from this insurance.

5. **Policy Period, Coverage Territory**

Under this policy:

- a. We cover loss or damage commencing:
 - (1) During the policy period shown in the Declarations; and
 - (2) Within the coverage territory.
- b. The coverage territory is the "state" in which the location(s) described in the Declarations is located.

6. **Transfer Of Rights Of Recovery Against Others To Us**

If any person or organization to or for whom we make payment under this policy has rights to recover damages from another, those rights are transferred to us to the extent of our payment. That person or organization must do everything necessary to secure our rights and must do nothing after loss to impair them. But you may waive your rights against another party in writing:

- a. Prior to a loss to your Covered Property.
- b. After a loss to your Covered Property only if, at time of loss, that party is one of the following:
 - (1) Someone insured by this insurance;
 - (2) A business firm:
 - (a) Owned or controlled by you; or
 - (b) That owns or controls you.

This will not restrict your insurance.

I. **DEFINITIONS**

The following definitions are hereby added to this policy.

1. "Automatic Sprinkler System" means:
 - a. Any automatic fire-protective or extinguishing system, including connected:
 - (1) Sprinklers and discharge nozzles;
 - (2) Ducts, pipes, valves and fittings;
 - (3) Tanks, their component parts and supports; and
 - (4) Pumps and private fire protection mains.

- b. When supplied from an automatic fire-protective system:
 - (1) Non-automatic fire-protective systems; and
 - (2) Hydrants, standpipes and outlets.
- 2. "Certified Act of Terrorism" means an act that is certified by the Secretary of the Treasury, in concurrence with the Secretary of State and the Attorney General of the United States, to be an act of terrorism pursuant to the federal Terrorism Risk Insurance Act.
- 3. "Earthquake Shock" is defined as – earth movement meaning natural faulting of land masses, but not including subsidence, landslide, rock slide, earth rising, earth sinking, earth shifting or settling unless as a direct result of such earth movement. All such sudden movements occurring within the space of a single hour shall be considered a single "shock." All shocks occurring within a single 168 hour period during the policy shall be considered a single "earthquake shock."
- 4. "Flood" means a general condition, whether temporary or permanent, of partial or complete inundation of normally dry land areas with water, mud, slurry or other liquid, arising from any of the following:
 - a. The overflow or breaking of natural or artificial boundaries or confines of inland or tidal waters;
 - b. The unusual and rapid accumulation or runoff of surface waters from any source or by their spray;
 - c. Waters changing course;
 - d. Waters rising;
 - e. The release or overtopping of water held by a dam, levee, dike, canal or conduit or by any water or flood control device or system, regardless of location, or from breach or failure, by any cause, of any of the foregoing;

However, "flood" does not include inundation arising from tidal wave or tsunami.

- 5. "Fungus" means any type or form of fungus, including mold or mildew, and any mycotoxins, spores, scents or by-products produced or released by fungi.
- 6. "Loss occurrence" means any one loss or disaster; or series of losses, or disasters arising out of one event.
- 7. "Pollutants" means any solid, liquid, gaseous or thermal irritant or contaminant, including smoke, vapor, soot, fumes, acids, alkalis, chemicals and waste. Waste includes materials to be recycled, reconditioned or reclaimed; or any solid, liquid, gaseous or thermal irritant or contaminant which is discharged, dispersed, seeps, migrates, releases or escapes from any products, materials or supplies used in or incidental to the business of any insured.
- 8. "State" means one of the 50 United States of America and the District of Columbia.
- 9. "Stock" means merchandise held in storage or for sale, raw materials and in-process or finished goods, including supplies used in their packing or shipping.
- 10. "Terrorism" means an activity that involves a violent act or the use of force, including the threat of any such activity or the preparation for any such activity, that is committed for political, religious, ideological, economic, social, or cultural purposes, by any person or group(s) of persons, whether acting alone or on behalf of or in concert with or in connection with any organization(s), government(s), or other political entity(ies), and:
 - a. Has been labeled, identified or described as a terrorist act by the executive branch of the United States government; or
 - b. Causes either:
 - (1) Damage to property;
 - (2) Injury to person(s);
 - (3) Disruptions of financial, governmental, transportation, communication, computer or utility services;

- c. Appears to be intended to:
- (1) Disrupt any segment of an economy;
 - (2) Intimidate, harm, coerce or punish a civilian population;
 - (3) Put the public, or any section of the public, in fear;
 - (4) Influence the policy of a government by intimidation, coercion or punishment; or
 - (5) Affect the conduct of a government by destruction, assassination, kidnapping or hostage- taking.
11. "Volcanic action" means the direct loss or damage resulting from the eruption, explosion or effusion of a volcano when the loss or damage is caused by airborne volcanic blast or airborne shock waves, ash, dust or particulate matter, or lava flow. Volcanic action includes the cost to remove ash, dust or particulate matter that does not cause direct physical loss or damage to the Covered Property.

COMMISSION MEMORANDUM NO. 2018.75

DATE: July 17, 2018

TO: SAWPA Commission

SUBJECT: Santa Ana Sucker Habitat Protection and Beneficial Use Enhancement Project – Recommendations Following Public Works Bid Process

PREPARED BY: Ian Achimore, Senior Watershed Manager

RECOMMENDATION

It is recommended that the Commission

- 1) Reject the bid received for the Santa Ana Sucker Habitat Protection and Beneficial Use Enhancement Project (Project).
- 2) Approve staff's plan and \$118,571 budget to construct the Project with a combination of SAWPA staff labor and equipment, leased equipment and donated rock from San Bernardino Valley Municipal Water District.

DISCUSSION

Following the Commission's approval of the Project's Notice Inviting Bids on May 15, 2018, SAWPA issued the bid documents to plan rooms, news outlets and contractors. The mandatory pre-bid conference was held on May 31 and bids were opened on June 21. Although three contractors attended the pre-bid conference (AToM Engineering Construction Inc., Humphrey Constructors and Rock Structures Construction Company) only AToM provided a bid. Their bid of \$198,398 was 67% over the engineering estimate of \$118,571. The bid documents includes items such as the widening of an existing access road, removal of riparian vegetation to create equipment access, the hauling of rock and boulder from a rock yard to the project site, and placement of rock and large boulders in the Santa Ana River to create a partially sub-merged rock groin that will create beneficial habitat for Santa Ana Suckers.

After receiving the bid, staff did an analysis of the scope and AToM's proposed costs and found the Project could not be implemented by negotiating with the contractor to remove certain parts of the scope, in order to decrease the costs in-line with the engineer's estimate, as all tasks are necessary to construct the Project. The SAWPA Operations Department analyzed the scope of work, bid documents and visited the site and found that they could do the Project in-line with the engineer's cost estimate. By doing the Project in-house, the Project would take two to three weeks to implement using two to three Operations Department staff as well as support from the design engineer Scheevel Engineering. In the event of a Brine Line emergency resulting in Operations staff being called away, Scheevel could provide support to operate heavy equipment and help construct the rock groin. To implement the Project, SAWPA would also need to contract with a rock hauler to move the rock from San Bernardino Valley Municipal Water District's rock yard near the City of Highland to the Project site near the Van Buren Boulevard Bridge crossing in the Santa Ana River. Valley District, as part of its cost share of Scheevel Engineering's habitat structure design report, has pledged to donate rock, cobble and boulder material for the habitat structure. Staff has also coordinated with Orange County Water District, who is a partner on the Project, to perform the biological monitoring which is needed as there are some native plant and animal species in the River.

Construction would take place on or after September 17, 2018 in order to ensure federally protected migratory birds are not in the Project area. The Operations Department staff has experience working in River environments placing rip rap rock to protect utility structures while avoiding sensitive species. The in-River construction footprint is relatively small at approximately 0.1 acres and the existing dirt access road that leads to the River channel is 0.4 acres.

BACKGROUND

On behalf of the Santa Ana Sucker Conservation Team (Team), a SAWPA Roundtable, staff is tasked with implementing the Project which would create beneficial habitat for the Santa Ana sucker. The Santa Ana sucker is a threatened aquatic species listed under the federal Endangered Species Act. The Project design includes a partially sub-merged rock groin structure that would be anchored to the river bank and extended approximately 15 feet into the low-flow channel of the river. The Project would create useful habitat in Santa Ana River near the Van Buren Boulevard Bridge crossing and will provide useful information for agencies like the San Bernardino Valley Municipal Water District (SBVMWD) who are leading the construction of habitat projects per the Upper Santa Ana River Habitat Conservation Plan.

Field monitoring performed by Scheevel Engineering throughout the summer of 2017 determined that the River's water depth changes frequently. As the structure would be slightly above grade at the riverbank and taper to the invert of the channel bottom, it could provide habitat benefit for aquatic species in a range of water depths. It is also designed to perform in flows that range from 30 to 2,500 cubic feet per second (cfs). Over the past seventeen years the flows in the Santa Ana River near the potential Project location have exceeded 2,500 cfs eleven times over the last seventeen years so it is expected that the structure would survive some high flow events.

CRITICAL SUCCESS FACTORS

Report and use results of Roundtable's work, leverage information and involvement for the benefit of SAWPA, its members, and other stakeholders.

RESOURCE IMPACTS

Funding for the design and construction of the Project is provided by contributions from the Team members and SBVMWD, two Supplemental Environmental Project funding contracts with the Regional Water Quality Control Board and a grant with the U.S. Fish and Wildlife Service. Team members include project partner OCWD and the City of Riverside. OCWD's board has also committed to providing funding to the Project as part of past deductions to SAWPA's legislative advocate during fiscal years 2013-14 and 2014-15.

Attachment:

1. PowerPoint Presentation for July 17, 2018 Commission Meeting

Santa Ana Sucker Habitat Protection and Beneficial Use Enhancement Project



July 17, 2018

Recommendations Following
Public Works Bid Process

Ian Achimore
Senior Watershed Manager



Project Location & Major Activities

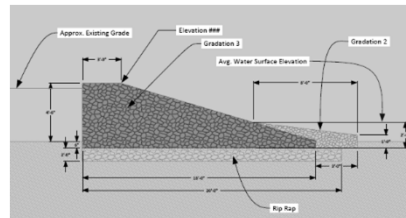


Construction Activities

- 15 foot groin
- Four large boulders
- Access road widening

Public Works Bid Process

- Commission approved Notice Inviting Bids on May 15
 - Issued Notice to Plan rooms, news outlets and several contractors
- Pre-Bid Conference May 31
- Opened Bids June 21
- Three attended conference, one provided bid
 - **AToM (bid received)**
 - Humphrey Constructors
 - Rock Structures



Analysis of Bid

Engineer's Estimate	AToM Base Bid	Delta (%)	Delta (\$)
\$118,571	\$198,398	+67%	+79,827

- Cannot implement Project by removing scope and lowering AToM's costs
- Operations Department done analysis and can implement Project in-line with Engineer's Estimate
- Rent equipment and contract with a rock hauler to move rock to River
- Project partner OCWD to provide biological monitoring

Recommended Budget and Next Steps

- Budget in-line with Engineer's Estimate - \$118,571
- Construction to take place on or after September 17, 2018 and last for 2-3 weeks
- Operations Department experience placing rock and working in-River environments
 - Need two operators to move rock and mobilize/demobilize site
- Scheevel Engineering can provide operations assistance if Brine Line emergency occurs



Recommendations

- 1) Reject the bid received for the Santa Ana Sucker Habitat Protection and Beneficial Use Enhancement Project (Project).
- 2) Approve staff's plan and \$118,571 budget to construct the Project with a combination of SAWPA labor and equipment, leased equipment and donated rock from San Bernardino Valley Municipal Water District.

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COMMISSION MEMORANDUM NO. 2018.76

DATE: July 17, 2018
TO: SAWPA Commission
SUBJECT: Arundo Donax Surveying and Site Access Task Order with Santa Ana Watershed Association
PREPARED BY: Ian Achimore, Senior Watershed Manager

RECOMMENDATION

It is recommended that the Commission approve Task Order No. SAWA387-06 in the amount of \$23,000 for the Santa Ana Watershed Association to assist with attaining right of entry to parcels containing Arundo Donax and conducting follow-up field surveys.

DISCUSSION

To date, SAWPA has implemented Arundo Donax invasive weed removal projects that cover approximately 6,000 acres in the Santa Ana River Watershed saving an estimated 43,000 acre feet of water per year. Various field and aerial surveys conducted by SAWPA and other public agencies have verified that there is re-growth in old invasive weed project sites as well as new areas. A 2015 aerial flight conducted by the U.S. Army Corps of Engineers detected 343 acres of Arundo Donax in the watershed, which is 0.01% of the total watershed area.¹ Based on the 2000 report *Distribution of Arundo donax in Coastal Watersheds of Southern California*, staff estimates that 0.9% (1,600 acres) of the watershed was covered with Arundo at the time of the report.

As Arundo Donax seedlings can wash down streams during rain events, staff has worked with the Santa Ana Watershed Association (SAWA) on measuring Arundo Donax using aerial imagery in several upper watershed sites. SAWA has experience in removing Arundo Donax and managing native re-vegetation projects beginning in 2000 when they were a project partner on SAWPA’s Southern California Integrated Watershed Program (SCIWP).

Over the past month, staff negotiated a new task order with SAWA for these mapped sites. The headwater sites are located within Riverside and San Bernardino Counties and are listed in Table A below. Note that these sites are not completely covered by Arundo as evident by the aerial imagery. Their size, which totals to 297.1 acres, includes the total work area to be surveyed.

Table A: Headwater Project Sites

Project Site	Location	Acres
Cajon Canyon Creek	Downstream of Keenbrook Road in Unincorporated San Bernardino County	3.82
Coopers Creek	Downstream of Velie Avenue in the City of Beaumont to the confluence with San Timoteo Creek	115

¹ It should be noted that the 2015 aerial flight only mapped the Santa Ana River and major tributaries such as Cajon Creek and Temescal Creek.

Mill Creek (Along Garnet Street)	East of Garnet Street along Mill Creek in Unincorporated San Bernardino County	2
Palm Canyon	0.3 Miles downstream of Forest Road 2N49 in Unincorporated San Bernardino County to 0.3 Miles upstream of North Magnolia Avenue in the City of San Bernardino	12.7
Waterman Canyon and East Twin Creek Confluence	Upstream of East 40 th Street in the City of San Bernardino and Unincorporated San Bernardino County	167.4
Total		297.1

Staff believes a sole source is warranted with SAWA as this is not a traditional invasive weed control program where site access has been granted by overlying property owners at the onset of the Project. These traditional programs usually take place in the watershed's lower elevation riparian habitats and include a small amount of overlying property owners that are often public agencies. Sole sourcing on this complex Project with SAWA is beneficial because the scope includes the multi-phased approach of outreach to parcel owners and surveying.

Staff has drafted a right of entry agreement and will send it out to parcel owners, but as some of the parcel owners are private individuals and not public agencies, it will likely take staff time and SAWA's assistance to coordinate with them. Staff will provide landowners with materials that demonstrate the benefits of Arundo Donax control and the native vegetation that would be replanted after the removal is conducted.

Once access is granted and surveying is completed, staff will draft another task order for the removal of the mapped Arundo Donax. Through SAWA's surveys, the specific location of Arundo Donax will be mapped and any physical obstacles to access will be documented. The specific locations of Arundo Donax are needed in order to acquire an accurate quote for the price of removal.

BACKGROUND

Proposition 13 (2000 Water Bond) funds created the SAWPA managed Southern California Integrated Watershed Program (SCIWP) and provided SAWPA \$4,000,000 to purchase 100 units in the Santa Ana River Mitigation Bank. The Santa Ana River Mitigation Bank was created in 1996 by an agreement with the local bank sponsor, the Riverside County Regional Park and Open Space District, and the U.S. Army Corps of Engineers which serves as the lead-regulatory agency for the bank. The proceeds of the sale of these 100 SAWPA units were to fund projects that prevent Arundo re-infestation in areas where the weed has been removed.

As part of that 100 unit purchase, the SAWPA Commission approved Resolution No. 427 in 2004 that stipulates that the proceeds of the sale of these units would be used to remove Arundo and other non-native invasive plants, as well as related habitat efforts in the Santa Ana River Watershed. Resolution No. 427 states that any project related expenditures from the account shall be approved by the SAWPA Commission to ensure consistency with the purpose of the intent of the SCIWP.

CRITICAL SUCCESS FACTORS

Roundtable Critical Success Factor: Goals, scope, costs, resources, timelines, and the contract term are approved by the Commission before executing an agreement to participate in a roundtable group.

RESOURCE IMPACTS

This effort is funded solely through the proceeds of the sale of mitigation credits from the mitigation bank that was established as part of SCIWP.

Attachments:

1. PowerPoint Presentation for Commission Meeting
2. General Services Agreement (GSA) with the Santa Ana Watershed Association
3. Task Order SAWA387-06 with the Santa Ana Watershed Association
4. Resolution No. 427

Arundo Donax

Surveying and Site Access Task Order



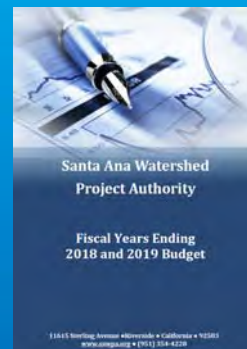
July 17, 2018

Ian Achimore
Senior Watershed Manager



Arundo Roundtable

- Arundo Management & Habitat Restoration Fund in SAWPA Budget
- Prop 13 Water Bond funded mitigation bank unit purchases
- Bank credit sales fund SAWPA Arundo control projects per Resolution No. 427



SAWA Task Order Focuses on Headwaters

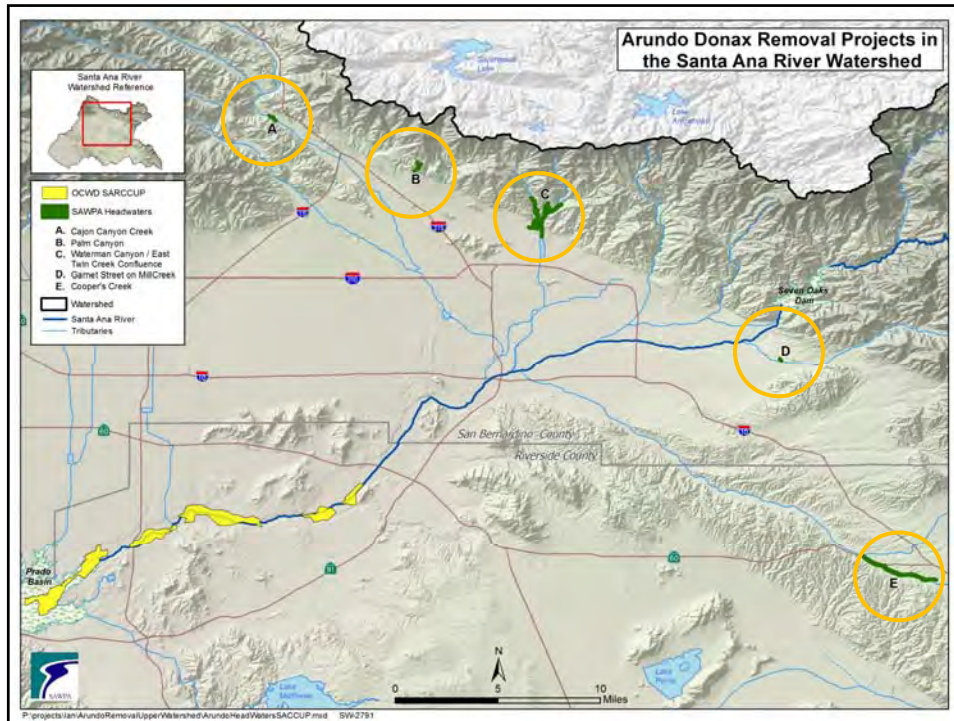
- Arundo seedlings can wash down waterways during rain events
- Starting at top of watershed and working down is economical
- Right-of-Entry agreements in upper watershed difficult to acquire but worth investment



SAWA Task Order Budget and Scope

- Not to exceed \$23,000
- Help acquire access by coordinating with landowners for 300 acres
- Survey sites once access is approved by landowners – verify the amount of Arundo and any obstructions to removal
- Next steps: After access and surveys, prepare for removal by another task order





Recommendation



It is recommended that the Commission approve Task Order No. SAWA387-06 in the amount of \$23,000 for the Santa Ana Watershed Association to assist with attaining right of entry to parcels containing Arundo Donax and conducting follow-up field surveys.



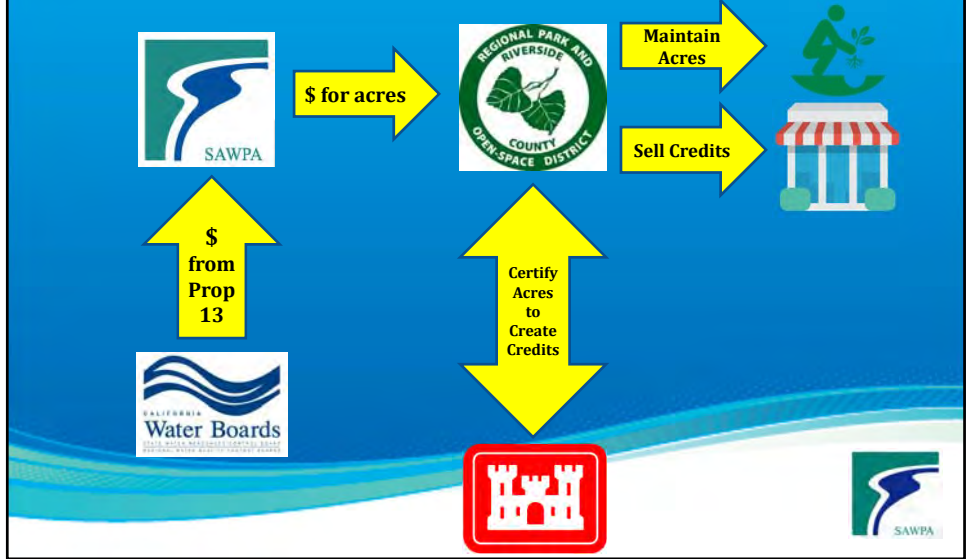
Further Background if Needed



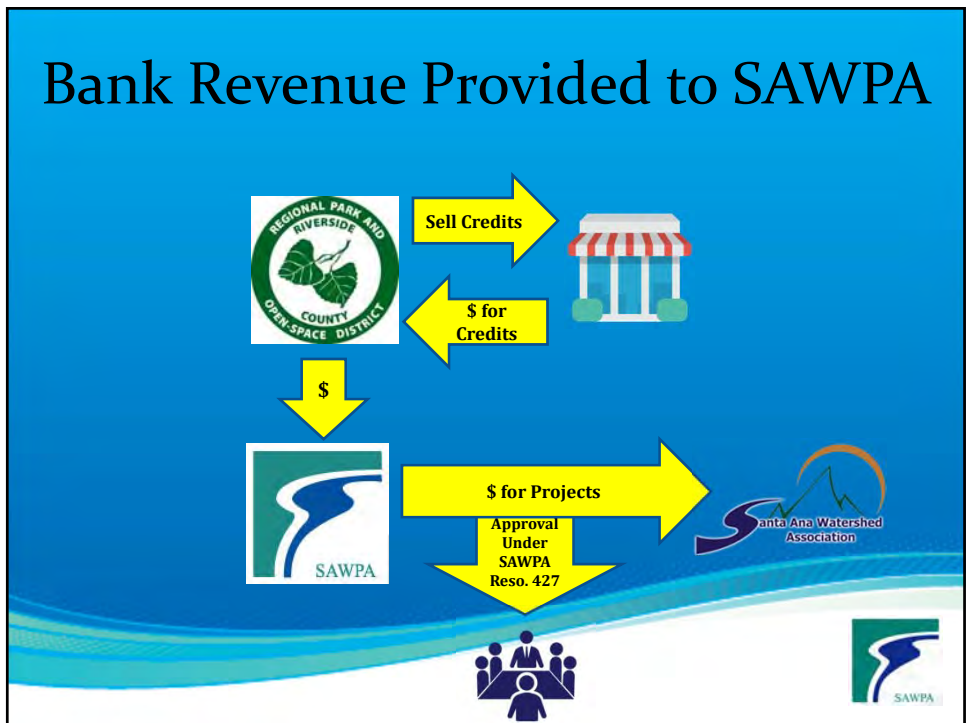
- Operated by Riverside County Parks
- Created in 1996 with Army Corps of Engineers
- SAWPA purchased 100 units in 2002 as part of Proposition 13 (2000 Water Bond)



SAWPA's Funding Initially Provided to Bank



Bank Revenue Provided to SAWPA





SANTA ANA WATERSHED PROJECT AUTHORITY
AGREEMENT FOR SERVICES BY INDEPENDENT CONSULTANT

This Agreement is made this 17th day of July, 2018 by and between the Santa Ana Watershed Project Authority ("SAWPA") located at 11615 Sterling Avenue, Riverside, CA, 92503 and Santa Ana Watershed Association ("Consultant") whose address is 1835 Chicago Avenue, Suite C, Riverside, CA 92507.

RECITALS

This Agreement is entered into on the basis of the following facts, understandings, and intentions of the parties to this Agreement:

- SAWPA desires to engage the professional services of Consultant to perform such professional consulting services as may be assigned, from time to time, by SAWPA in writing;
- Consultant agrees to provide such services pursuant to, and in accordance with, the terms and conditions of this Agreement and has represented and warrants to SAWPA that Consultant possesses the necessary skills, qualifications, personnel, and equipment to provide such services; and
- The services to be performed by Consultant shall be specifically described in one or more written Task Orders issued by SAWPA to Consultant pursuant to this Agreement.

AGREEMENT

Now, therefore, in consideration of the foregoing Recitals and mutual covenants contained herein, SAWPA and Consultant agree to the following:

ARTICLE I

TERM OF AGREEMENT

1.01 This agreement shall become effective on the date first above written and shall continue until **December 31, 2021** unless extended or sooner terminated as provided for herein.

ARTICLE II

SERVICES TO BE PERFORMED

2.01 Consultant agrees to provide such professional consulting services as may be assigned, from time to time, in writing by the Commission and the General Manager of SAWPA. Each assignment shall be made in the form of a written Task Order. Each such Task Order shall include, but shall not be limited to, a description of the nature and scope of the services to be performed by Consultant, the amount of compensation to be paid, and the expected time of completion.

2.02 Consultant may at Consultant's sole cost and expense, employ such competent and qualified independent professional associates, subcontractors, and consultants as Consultant deems necessary to perform each assignment; provided that Consultant shall not subcontract any work to be performed without the prior written consent of SAWPA.

ARTICLE III

COMPENSATION

3.01 In consideration for the services to be performed by Consultant, SAWPA agrees to pay Consultant as provided for in each Task Order.

3.02 Each Task Order shall specify a total not-to-exceed sum of money and shall be based upon the regular hourly rates customarily charged by Consultant to its clients.

3.03 Consultant shall not be compensated for any services rendered nor reimbursed for any expenses incurred in excess of those authorized in any Task Order unless approved in advance by the Commission and General Manager of SAWPA, in writing.

3.04 Unless otherwise provided for in any Task Order issued pursuant to this Agreement, payment of compensation earned shall be made in monthly installments after receipt from Consultant of a timely, detailed, corrected, written invoice by SAWPA's Project Manager, describing, without limitation, the services performed, when such services were performed, the time spent performing such services, the hourly rate charged therefore, and the identity of individuals performing such services for the benefit of SAWPA. Such invoices shall also include a detailed itemization of expenses incurred. Upon approval by an authorized SAWPA employee, SAWPA will pay within 30 days after receipt of a valid invoice from Consultant.

ARTICLE IV

CONSULTANT OBLIGATIONS

4.01 Consultant agrees to perform all assigned services in accordance with the terms and conditions of this Agreement including those specified in each Task Order. In performing the services required by this Agreement and any related Task Order Consultant shall comply with all local, state and federal laws, rules and regulations. Consultant shall also obtain and pay for any permits required for the services it performs under this Agreement and any related Task Order.

4.02 Except as otherwise provided for in each Task Order, Consultant will supply all personnel and equipment required to perform the assigned services.

4.03 Consultant shall be solely responsible for the health and safety of its employees, agents and subcontractors in performing the services assigned by SAWPA. Consultant hereby covenants and agrees to:

4.03a Obtain a Commercial General Liability and an Automobile Liability insurance policy, including contractual coverage, with limits for bodily injury and property damage in an amount of not less than \$2,000,000.00 per occurrence for each such policy. Such policy shall name SAWPA, its officers, employees, agents and volunteers, as an additional insured, with any right to subrogation waived as to SAWPA, its officers, employees, agents and volunteers. If Commercial General Liability Insurance or other form with an aggregate limit is used, either the general aggregate limit shall apply separately to the work assigned by SAWPA under this Agreement or the general aggregate limit shall be at least twice the required occurrence limit. The coverage shall be at least as broad as Insurance Services Office Commercial General Liability Coverage (occurrence Form CG 00 01) and Insurance Services Office Form CA 00 01 covering Automobile Liability, Code 1 (any auto). The Commercial Liability Insurance shall include operations, products and completed operations, as applicable;

4.03b Obtain a policy of Professional Liability (errors and omissions) insurance appropriate to the Consultant's profession in a minimum amount of \$2,000,000.00 per claim or occurrence to cover any negligent acts or omissions or willful misconduct committed by Consultant, its employees, agents and subcontractors in the performance of any services for SAWPA. Architects' and engineers' coverage shall include contractual liability;

4.03c Obtain a policy of Employer's Liability insurance in a minimum amount of \$1,000,000.00 per accident for bodily injury and property damage.

4.03d Provide worker's compensation insurance or a California Department of Insurance-approved self-insurance program in an amount and form required by the State of California and the Employer's Liability Insurance that meets all applicable Labor Code requirements, covering all persons or entities providing services on behalf of the Consultant and all risks to such persons or entities;

4.03e Consultant shall require any subcontractor that Consultant uses for work performed for SAWPA under this Agreement or related Task Order to obtain the insurance coverages specified above.

4.03f Consultant hereby agrees to waive subrogation which any insurer of Consultant may seek to require from Consultant by virtue of the payment of any loss. Consultant shall obtain an endorsement that may be necessary to give effect to this waiver of subrogation. In addition, the Workers Compensation policy shall be endorsed with a waiver of subrogation in favor of SAWPA for all work performed by Consultant, and its employees, agents and subcontractors.

All such insurance policy or policies shall be issued by a responsible insurance company with a minimum A. M. Best Rating of "A-" Financial Category "X", and authorized and admitted to do business in, and regulated by, the State of California. If the insurance company is not admitted in the State of California, it must be on the List of Eligible Surplus Line Insurers (LESLI), shall have a minimum A.M. Best Rating of "A", Financial Category "X", and shall be domiciled in the United States, unless otherwise approved by SAWPA in writing. Each such policy of insurance shall expressly provide that it shall be primary and noncontributory with any policies carried by SAWPA and, to the extent obtainable, such coverage shall be payable notwithstanding any act of negligence of SAWPA that might otherwise result in forfeiture of coverage. Evidence of all insurance coverage shall be provided to SAWPA prior to issuance of the first Task Order. Such policies shall provide that they shall not be canceled or amended without 30 day prior written notice to SAWPA. Consultant acknowledges and agrees that such insurance is in addition to Consultant's obligation to fully indemnify and hold SAWPA free and harmless from and against any and all claims arising out of an injury or damage to property or persons caused by the negligence, recklessness, or willful misconduct of Consultant in performing services assigned by SAWPA.

4.04 Consultant hereby covenants and agrees that SAWPA, its officers, employees, and agents shall not be liable for any claims, liabilities, penalties, fines or any damage to property, whether real or personal, nor for any personal injury or death caused by, or resulting from, or claimed to have been caused by or resulting from, any negligence, recklessness, or willful misconduct of Consultant. Consultant shall hold harmless, defend and indemnify SAWPA and its officers, employees, agents and volunteers from and against any and all liability, loss, damage, fines, penalties, expense and costs, including, without limitation, attorneys' fees and litigation expenses and costs, of every nature arising out of or related to Consultant's negligence, recklessness, or willful misconduct related to or arising from the performance of the work required under this Agreement and any related Task Order or Consultant's failure to comply with any of its obligations contained in this Agreement and any related Task Order, except as to such loss or damage which was caused by the active negligence or willful misconduct of SAWPA.

4.05 In the event that SAWPA requests that specific employees or agents of Consultant supervise or otherwise perform the services specified in each Task Order, Consultant shall ensure that such individual(s) shall be appointed and assigned the responsibility of performing the services.

4.06 In the event Consultant is required to prepare plans, drawings, specifications and/or estimates, the same shall be furnished with a registered professional engineer's number and shall conform to local, state and federal laws, rules and regulations. Consultant shall obtain all necessary permits and approvals in connection with this Agreement, any Task Order or Change Order. However, in the event SAWPA is required to obtain such an approval or permit from another governmental entity, Consultant shall provide all necessary supporting documents to be filed with such entity, and shall facilitate the acquisition of such approval or permit.

ARTICLE V

SAWPA OBLIGATIONS

5.01 SAWPA shall:

5.01a Furnish all existing studies, reports and other available data pertinent to each Task Order that are in SAWPA's possession;

5.01b Designate a person to act as liaison between Consultant and the General Manager and Commission of SAWPA.

ARTICLE VI

ADDITIONAL SERVICES, CHANGES AND DELETIONS

6.01 During the term of this Agreement, the Commission of SAWPA may, from time to time and without affecting the validity of this Agreement or any Task Order issued pursuant thereto, order changes, deletions, and additional services by the issuance of written Change Orders authorized and approved by the Commission of SAWPA.

6.02 In the event Consultant performs additional or different services than those described in any Task Order or authorized Change Order without the prior written approval of the Commission of SAWPA, Consultant shall not be compensated for such services.

6.03 Consultant shall promptly advise SAWPA as soon as reasonably practicable upon gaining knowledge of a condition, event, or accumulation of events, which may affect the scope and/or cost of services to be provided pursuant to this Agreement. All proposed changes, modifications, deletions, and/or requests for additional services shall be reduced to writing for review and approval or rejection by the Commission of SAWPA.

6.04 In the event that SAWPA orders services deleted or reduced, compensation shall be deleted or reduced by a comparable amount as determined by SAWPA and Consultant shall only be compensated for services actually performed. In the event additional services are properly authorized, payment for the same shall be made as provided in Article III above.

ARTICLE VII

CONSTRUCTION PROJECTS: CONSULTANT CHANGE ORDERS

7.01 In the event SAWPA authorizes Consultant to perform construction management services for SAWPA, Consultant may determine, in the course of providing such services, that a Change Order should be issued to the construction contractor, or Consultant may receive a request for a Change Order from the construction contractor. Consultant shall, upon receipt of any requested Change Order or upon gaining knowledge of any condition, event, or accumulation of events, which may necessitate issuing a Change Order to the construction contractor, promptly consult with the liaison, General Manager and Commission of SAWPA. No Change Order shall be issued or executed without the prior approval of the Commission of SAWPA.

ARTICLE VIII

TERMINATION OF AGREEMENT

8.01 In the event the time specified for completion of an assigned task in a Task Order exceeds the term of this Agreement, the term of this Agreement shall be automatically extended for such additional time as is necessary to complete such Task Order and thereupon this Agreement shall automatically terminate without further notice.

8.02 Notwithstanding any other provision of this Agreement, SAWPA, at its sole option, may terminate this Agreement at any time by giving 10 day written notice to Consultant, whether or not a Task Order has been issued to Consultant.

8.03 In the event of termination, the payment of monies due Consultant for work performed prior to the effective date of such termination shall be paid after receipt of an invoice as provided in this Agreement.

ARTICLE IX

CONSULTANT STATUS

9.01 Consultant shall perform the services assigned by SAWPA in Consultant's own way as an independent contractor, in pursuit of Consultant's independent calling and not as an employee of SAWPA. Consultant shall be under the control of SAWPA only as to the result to be accomplished and the personnel assigned to perform services. However, Consultant shall regularly confer with SAWPA's liaison, General Manager, and Commission as provided for in this Agreement.

9.02 Consultant hereby specifically represents and warrants to SAWPA that the services to be rendered pursuant to this Agreement shall be performed in accordance with the standards customarily applicable to an experienced and competent professional consulting organization rendering the same or similar services. Furthermore, Consultant represents and warrants that the individual signing this Agreement on behalf of Consultant has the full authority to bind Consultant to this Agreement.

ARTICLE X

AUDIT AND OWNERSHIP OF DOCUMENTS

10.01 All draft and final reports, plans, drawings, specifications, data, notes, and all other documents of any kind or nature prepared or developed by Consultant in connection with the performance of services assigned to it by SAWPA are the sole property of SAWPA, and Consultant shall promptly deliver all such materials to SAWPA. Consultant may retain copies of the original documents, at its option and expense. Use of such documents by SAWPA for project(s) not the subject of this Agreement shall be at SAWPA's sole risk without legal liability or exposure to Consultant. SAWPA agrees to not release any software "code" without prior written approval from the Consultant.

10.02 Consultant shall retain and maintain, for a period not less than four years following termination of this Agreement, all time records, accounting records, and vouchers and all other records with respect to all matters concerning services performed, compensation paid and expenses reimbursed. At any time during normal business hours and as often as SAWPA may deem necessary, Consultant shall make available to SAWPA's agents for examination of all such records and will permit SAWPA's agents to audit, examine and reproduce such records.

ARTICLE XI

MISCELLANEOUS PROVISIONS

11.01 This Agreement supersedes all previous agreements, either oral or written, between the parties hereto with respect to the rendering of services by Consultant for SAWPA and contains all of the covenants and agreements between the parties with respect to the rendering of such services in any manner whatsoever. Any modification of this Agreement will be effective only if it is in writing signed by both parties.

11.02 Consultant shall not assign or otherwise transfer any rights or interest in this Agreement without the prior written consent of SAWPA. Unless specifically stated to the contrary in any written consent to an assignment, no assignment will release or discharge the assignor from any duty or responsibility under this Agreement.

11.03 In the event Consultant is an individual person and dies prior to completion of this Agreement or any Task Order issued hereunder, any monies earned that may be due Consultant from SAWPA as of the date of death will be paid to Consultant's estate.

11.04 Time is of the essence in the performance of services required hereunder. Extensions of time within which to perform services may be granted by SAWPA if requested by Consultant and agreed to in writing by SAWPA. All such requests must be documented and substantiated and will only be granted as the result of unforeseeable and unavoidable delays not caused by the lack of foresight on the part of Consultant.

11.05 Consultant shall comply with all local, state and federal laws, rules and regulations including those regarding nondiscrimination and the payment of prevailing wages.

11.06 SAWPA expects that Consultant will devote its full energies, interest, abilities and productive time to the performance of its duties and obligations under this Agreement, and shall not engage in any other consulting activity that would interfere with the performance of Consultant's duties under this Agreement or create any conflicts of interest. If required by law, Consultant shall file a Conflict of Interest Statement with SAWPA.



SANTA ANA WATERSHED PROJECT AUTHORITY
TASK ORDER NO. SAWA387-06

CONSULTANT: Santa Ana Watershed Association **VENDOR NO.** 1420
 1835 Chicago Avenue, Suite C
 Riverside, CA 92507

PROJECT NAME: Arundo Donax Surveying in the Santa Ana River Basin Headwaters

COST: \$23,000.00

REQUESTED BY: Ian Achimore, Senior Watershed Manager July 17, 2018

FINANCE: _____
 Karen Williams, CFO Date

FINANCING SOURCE: Acct. Coding: 387ARUND-60121
 Acct. Description: Habitat Restoration

COMMISSION AUTHORIZATION REQUIRED: YES (X) NO ()
 Authorization: July 17, 2018; CM#2018.76

This Task Order is issued upon approval and acceptance by the Santa Ana Watershed Project Authority (SAWPA) and Santa Ana Watershed Association (Consultant) pursuant to the Agreement for Services between SAWPA and Consultant, entered into on July 17, 2018, expiring December 31, 2021.

I. SCOPE OF WORK / TASKS TO BE PERFORMED

Consultant shall help acquire access and survey and locate the noxious weed Arundo Donax in the Santa Ana River Basin's headwaters in the following project sites (see Exhibit A for location maps):

Project Site Name	Location	Project Site Size (Acres)
Cajon Canyon Creek	Downstream of Keenbrook Road in Unincorporated San Bernardino County	3.82
Coopers Creek	Downstream of Velie Avenue in the City of Beaumont to the confluence with San Timoteo Creek	115
Mill Creek (Along Garnet Street)	East of Garnet Street along Mill Creek in Unincorporated San Bernardino County	2
Palm Canyon	0.3 Miles downstream of Forest Road 2N49 in Unincorporated San Bernardino County to 0.3 Miles upstream of North Magnolia Avenue in the City of San Bernardino	12.7

Waterman Canyon and East Twin Creek Confluence	Upstream of East 40 th Street in the City of San Bernardino and Unincorporated San Bernardino County	167.4
Total		297.1

II. TASKS TO BE PERFORMED

Consultant shall provide all labor, materials, and equipment for the Project to perform the Scope of Work and the following Tasks.

Task 1: Access

Assist SAWPA with acquiring access to parcels owned by third-parties. Assistance may include meeting with third-party owners to describe removal and re-vegetation efforts, providing materials to educate third-party owners, visiting sites to meet with SAWPA and third party owners, and review of any possible third-party conditions for access.

Task 2: Survey

Enter third-party owned property, following access approval, and document locations of Arundo Donax stands and other non-native plants (such as Tamarisk if located near Arundo Donax stands) through visual surveys. Prepare and provide a Survey Report (both a draft and final versions) using the template in Exhibit C. The Survey Report will be used to prepare for compliance with required permitting, the California Environmental Quality Act and future non-native plant removal and maintenance activities at the Project Sites.

III. DELIVERABLES

- A. Bi-Monthly Invoices.
- B. Draft Survey Report for SAWPA review and comment.
- C. Final Survey Report.

IV. PERFORMANCE TIME FRAME

Consultant shall begin work July 17, 2018 and shall complete performance of such services by or before **August 31, 2019**.

V. SAWPA LIASION

Ian Achimore, Senior Watershed Manager, will serve as liaison between SAWPA and Consultant.

VI. COMPENSATION

For all services rendered by Consultant pursuant to this Task Order, Consultant shall receive a total sum not-to-exceed **\$23,000.00** in accordance with the Project Budget provided in Exhibit B. Payment for such services (except the last invoice) shall be made upon receipt of proper invoices as shown in Exhibit D from Consultant, as required by the above-mentioned Agreement. Payment for services in the last invoice shall be provided, notwithstanding Section VI's other conditions, when SAWPA has approved the Final Survey Report.

VII. 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; and
- E. Drawings incorporated by reference.

In witness whereof, the parties have executed this Task Order on the latter of the dates indicated below.

SANTA ANA WATERSHED PROJECT AUTHORITY

Richard E. Haller, General Manager Date

SANTA ANA WATERSHED ASSOCIATION

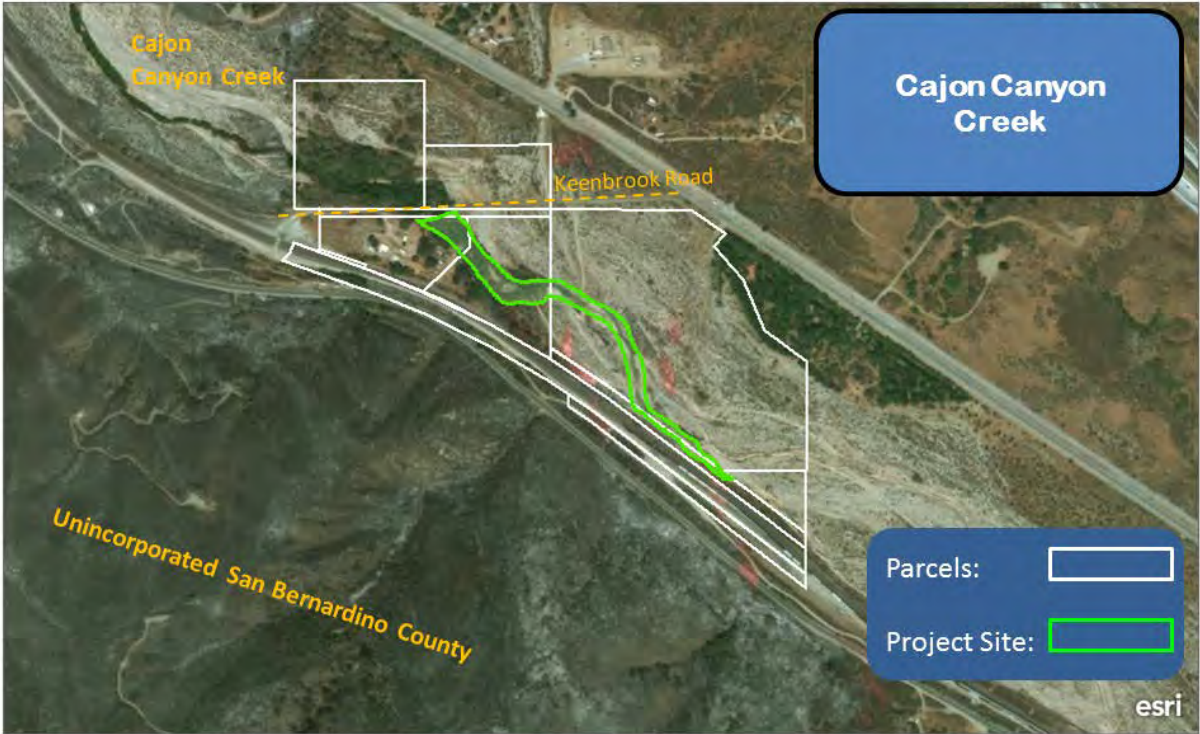
(Signature) Date

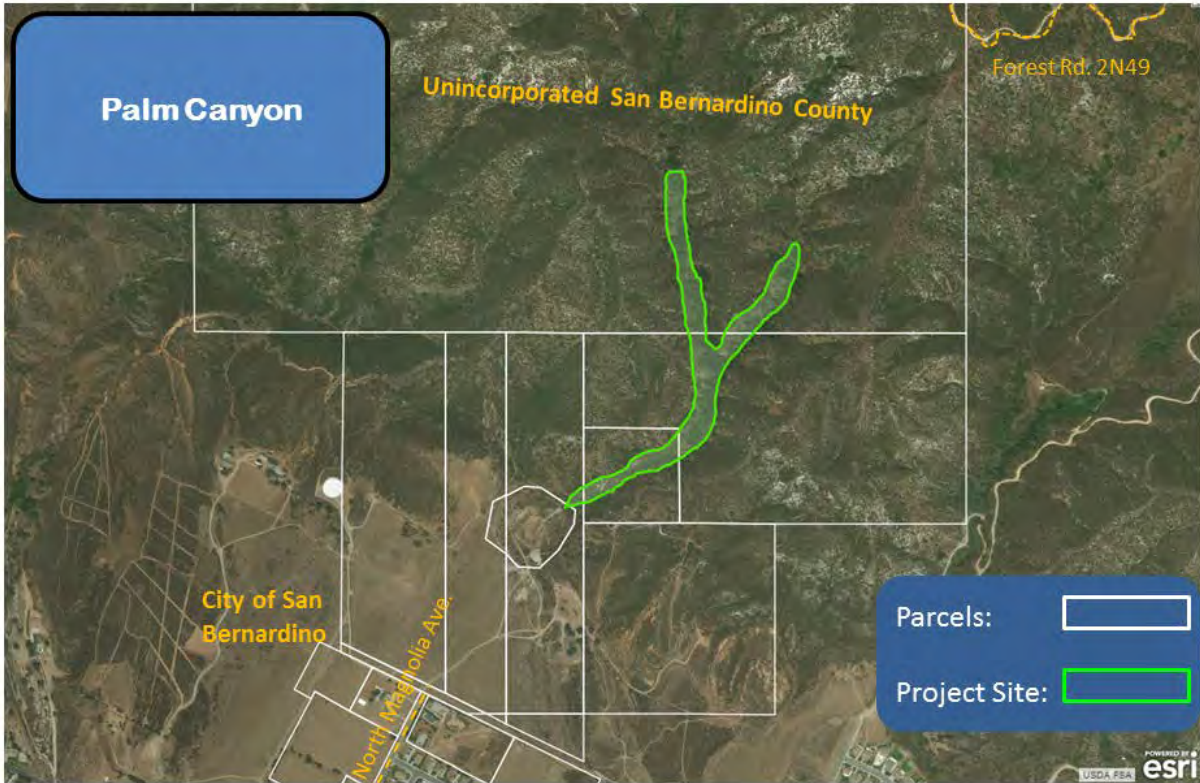
Type/Print Name and Title

Exhibit A

Project Site Maps

Approval to Enter Parcels Not Granted At Time of Task Order Execution





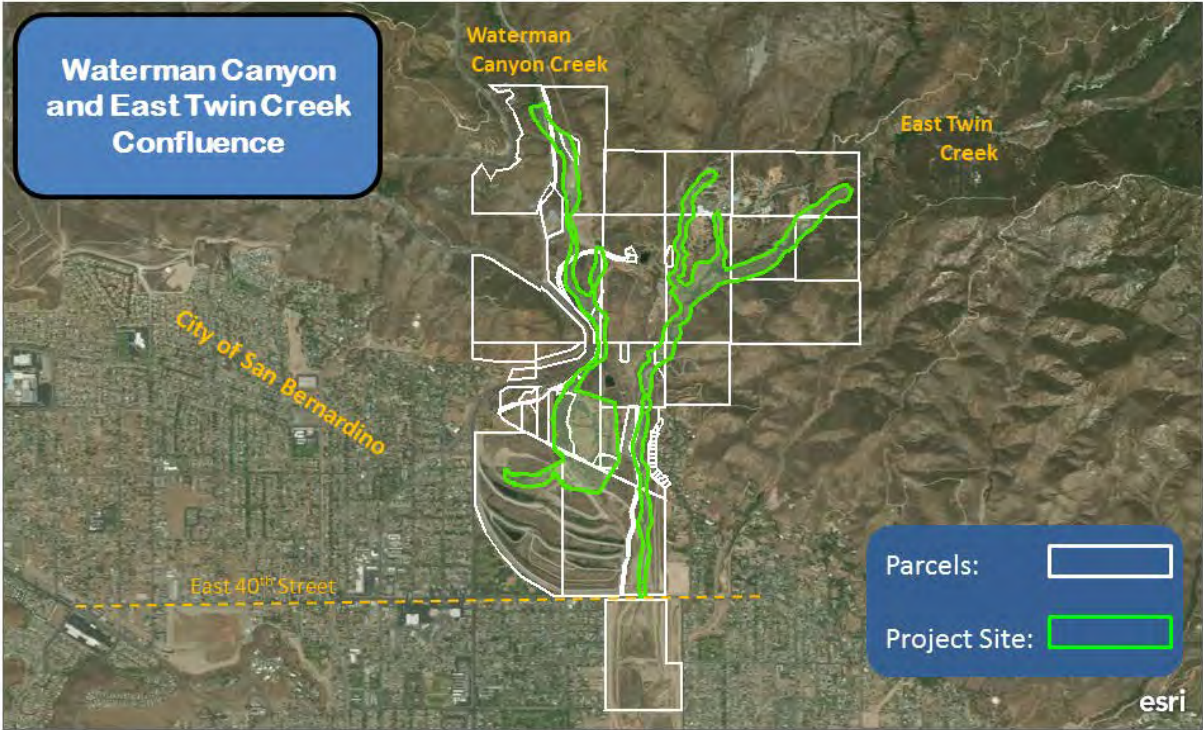


Exhibit B

Budget

Task	Budgeted Amount
1 – Access	\$8,000
2 – Survey	\$15,000
Total	\$23,000

Exhibit C

Survey Report Template

Item 1: Mapping

Based on field surveys, provide an estimate of the total size of the Arundo Donax stands within the Project Site boundaries. Provide GIS-based polygon data on locations of large stands of Arundo Donax.

Item 3: Photo Points

Provide locations (and initial photos) of photo-survey points to use for future reporting efforts.

Project Site Name	
Photo Point Number: x	
GPS Coordinates: xxxxxx/xxxxxx	
Before Photo Date: xx/xx/xxx	After Photo Date: (N/A)
[Insert Before Photo]	[Insert After Photo] (N/A)

Item 4: Site Boundaries

Provide recommendations for any modifications to the Project Site boundaries.

Item 5: Recommended Methods

Provide recommendations on specific control and re-vegetation methods that best suit conditions at Project Sites

Item 6: Revegetated Areas

Provide recommendations on the locations and size in acres of the areas to be re-vegetated.

Item 7: Constraints

Provide any constraints to Project implementation at Project Sites such as locations of fencing, temporary structures, equipment access, etc.

Item 8: Environmental Impacts

Provide descriptions and data on any environmental impacts that could occur if a non-native vegetation and native re-planting project were to occur at the Project Site. Impacts could include the take of listed species, take of nesting birds, and documentation of wetted areas. Provide recommendations on necessary measures to alleviate impacts such as biological monitors.

Exhibit D Invoice Template

The following tables are to be provided with each invoice on official letterhead that is signed by the Consultant.

Budget Tracking Table

Task	Budget	Current Invoice Amount	Invoiced to Date	Amount Remaining in Contract
1	\$8,000			
2	\$15,000			
Total	\$23,000			

Project Tracking Table
For Use for Task 2

Project Site Name	Project Site Size (Acres)	Percent of Site Surveyed (%)
Cajon Canyon Creek	3.82	
Coopers Creek	115	
Mill Creek (Along Garnet Street)	2	
Palm Canyon	12.7	
Waterman Canyon and East Twin Creek Confluence	167.4	
Total	297.1	

The consultant shall also provide general photos of work being completed in invoice period as well as the associated date and location of work.

Exhibit E

Rate Schedule

Classification	Hourly Rate
Executive Director	\$139.11
Project Manager	\$96.73
Field Supervisor	\$60.81

RESOLUTION NO. 427

RESOLUTION OF THE COMMISSION OF THE SANTA ANA WATERSHED PROJECT AUTHORITY DIRECTING THE GENERAL MANAGER TO ESTABLISH A POLICY ON THE DISBURSEMENT OF FUNDS COLLECTED FROM MITIGATION BANK CREDIT SALES

WHEREAS, on March 7, 2000, the electorate of the State of California voted to approve Proposition 13, the Costa-Machado Water Act of 2000 (Act) containing the Southern California Integrated Watershed Program (SCIWP) (California Water Code Sections 79104.20 through 79104.34), providing \$235 million for local assistance grants; and

WHEREAS, the State Legislature has appropriated funds to the State Water Resources Control Board (SWRCB) to be allocated to the Santa Ana Watershed Project Authority (SAWPA) for projects to rehabilitate and improve the Santa Ana River Watershed; and

WHEREAS, on September 20, 2001, the SWRCB authorized the Executive Director or designee to negotiate, execute and amend contracts with SAWPA to provide funding for one project from the SCIWP, titled Arundo Removal Program; and

WHEREAS, on April 23, 2003, SAWPA purchased 100 acres of Mitigation Bank Credit pursuant to an agreement with the Riverside County Park and Open Space District to and as part of the Arundo Removal Program; and

WHEREAS, it is the intent of the SWRCB and SAWPA that the proceeds from the sale by SAWPA of such Mitigation Bank Credits are to be used for the removal of Arundo and other non-native invasive plants in the Santa Ana River Watershed; and

WHEREAS, by this resolution SAWPA intends to adopt a policy consistent with the foregoing intent.

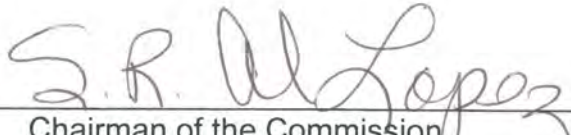
NOW, THEREFORE, BE IT RESOLVED by the Commission of the SANTA ANA WATERSHED PROJECT AUTHORITY as follows:

That the SAWPA Commission hereby establishes a Habitat Restoration Fund Policy attached hereto as Exhibit "A" to ensure that proceeds of sales of Arundo Mitigation Bank credits are used in a manner consistent with those envisioned by the Southern California Integrated Watershed Program and the Integrated Watershed Plan as outlined above and in the attachment.

APPROVED AND ADOPTED THIS 18th day of May, 2004.

SANTA ANA WATERSHED PROJECT AUTHORITY

By:


Chairman of the Commission

Policy Name	Habitat Restoration Fund
Policy Number	04-03
Date/Authorized	5-18-04



EXHIBIT A

Policy Name: Habitat Restoration Fund Administration

History: Effective May 18, 2004

Application: Disposition of Funds Generated from the Sale of Arundo Mitigation Bank Credits

PURPOSE:

This policy is intended to clarify, explain and provide guidance on the management of funds generated by the sale of Arundo Mitigation Bank credits as part of the Southern California Integrated Watershed Program, Arundo Removal Program.

BACKGROUND:

As part of the SCIWP, SAWPA purchased 100 acres of Arundo Mitigation Bank credits from the Riverside Park and Open Space District (District). The terms of this Agreement are summarized in Amendment No. 1 of the Grant Funding Contract between SAWPA and the District. SAWPA purchased the 100 habitat units for \$4 million and the District will sell those units as broker on behalf of SAWPA for the current price of \$45,398 per habitat unit, less a 2% administrative fee deducted from the total price. As part of the Arundo removal agreement with the SWRCB, the proceeds of the sale of Arundo Mitigation Bank units are to be used for the removal of additional Arundo and other heavy water using invasive plants within the watershed and to prevent Arundo reinfestation in areas where Arundo has already been removed, as well as related habitat and wetland efforts, so long as funds are available.

POLICY:

Upon receipt of funds from the District generated from the sale of SAWPA-owned Mitigation Bank Credits, SAWPA shall deposit such funds into a segregated account for the purpose of funding the removal of Arundo and other heavy water using invasive plants within the watershed and to prevent Arundo reinfestation in areas where Arundo has already been removed, as well as related habitat and wetland efforts, so long as funds are available. This segregated, account will be included in the SAWPA budget. The account will accrue interest.

The funds in that account will not be disbursed until after July 1, 2005 or a date following the close-out of the SCIWP Arundo Program. SAWPA administrative costs related to this account and the plant removal program will be deducted from the account.

Any project related expenditures from the account shall be approved by the SAWPA Commission to ensure consistency with the purpose of the Habitat Restoration Fund and the Integrated Watershed Plan.

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COMMISSION MEMORANDUM NO. 2018.77

DATE: July 17, 2018
TO: SAWPA Commission
SUBJECT: Allocation of Grant Savings to Remaining Retail Agencies Participating in the Conservation-Based Water Rates Project
PREPARED BY: Ian Achimore, Senior Watershed Manager

RECOMMENDATION

Approve the following which was presented to the Project Agreement 22 Committee at their April 26 and June 28, 2018 meetings:

- 1) Distribute the Conservation-Based Water Rates Project’s grant cost savings to the three remaining participating cities: Chino, Chino Hills and Hemet; and
- 2) Preparation and execution of amendments to the three cities’ Sub-Grantee agreements to increase the grant amount to \$452,304 per city.

Y

DISCUSSION

This item is being provided to the Commission in lieu of the PA 22 Committee as there was not a quorum at the Committee’s April or June meetings to take action on the proposed recommendation.

Through the Emergency Drought Grant Program, SAWPA has implemented the Conservation-Based Water Rates project component (project) by entering into Sub-Grantee agreements with various retail water agencies in the watershed. The Sub-Grantee agreements allow SAWPA to reimburse the retail agencies for up to \$215,030 using funds provided by the Department of Water Resources (DWR) Proposition 84 Drought Grant. The agreements use a two phased approach to incentivize agencies to adopt conservation-based rates. A retail agency has access to 50% of their \$215,030 contracted amount (\$107,515) before their elected governing boards make a decision on whether to adopt the rate structure, with the remaining 50% made available to them if the rate structure is approved.

SAWPA has executed Sub-Grantee agreements with the following agencies:

Sub-Grantee	Conservation-Based Rates Status
Chino	Study finalized; rate hearing on June 19, 2018.
Chino Hills	Study finalized; rate hearing on May 8, 2018.
Cucamonga Valley Water District	Rate study finalized; Board decided not to utilize rates on September 20, 2017.
East Valley Water District	Rate study finalized; Adopted rates on June 2015.
Garden Grove	Rate study finalized; Council decided not to utilize rates on August 22, 2017.
Hemet	Ongoing study; rate adoption scheduled for Fall 2018.
Rialto	Rate analysis finalized April 2018; moving forward with rates after deadline of Grant Agreement.
San Jacinto	Rate study finalized; Council decided to not utilize rates on December 5, 2017.
Tustin	Rate study draft finalized; moving forward with rate setting process after deadline of Grant Agreement.

As discussed at past PA 22 Committee meetings and shown in the above table, several retail water agencies have ended participation with the project due to issues with out-of-date billing systems that cannot calculate water-use budgets at the customer level, results from their recent rate studies that analyzed the implementation of conservation-based rates, decisions by their councils/boards and feedback from management.

The remaining agencies who are participating in the project include the cities of Chino, Chino Hills and Hemet. The funding from the various agencies that have ended their participation in the project, which totals to approximately \$711,000, can be utilized for the remaining three cities. This funding, which would be allocated between each agency at (approximately \$237,000 per city), could be used as a further incentive to ensure these three cities adopt conservation based rates. This change would increase each cities Sub-Agreement total funding amount from \$215,030 to approximately \$450,000. The two phased approach would still be used in order to ensure an effective incentive to adopt conservation based rates, with \$107,515 available before the cities' governing boards adopt the rate structure, and approximately \$345,000 available after the decision is made.

At this time as Chino Hills and Chino are moving forward with rates at an accelerated pace. Hemet has projected that they can cover their projected rate conversion costs within the Sub-Grantee agreement amount of \$450,000. Although Chino and Chino Hills adopted conservation-based rates in June and May, they were notified by staff that the PA 22 Committee unofficially (due to lack of a quorum) supported the increase in funding in April.

If any of the cities do not need up to \$450,000 because their actual rate conversion costs are ultimately less than \$450,000, those unneeded funds would be allocated amongst the others that have a need for further funding (above \$450,000) for their rate conversion.

CRITICAL SUCCESS FACTORS

The following OWOW critical success factors are addressed by this action:

1. Administration of the OWOW process and plan in a highly efficient and cost-effective manner.
2. Data and information needed for decision-making is available to all.

RESOURCE IMPACTS

Funding for staff to manage the Conservation-Based Water Rates component will come from the Proposition 84 IRWM Drought Grant as shown in the Committee's FYE 2018 budget.

Attachment:

1. PowerPoint Presentation

Allocation of Grant Savings to Remaining Retail Agencies



Conservation-Based Water Rates



Ian Achimore
Senior Watershed Manager
July 17, 2018

Emergency Drought Grant Program Components

Focus of presentation is on
Conservation-Based Water Rates

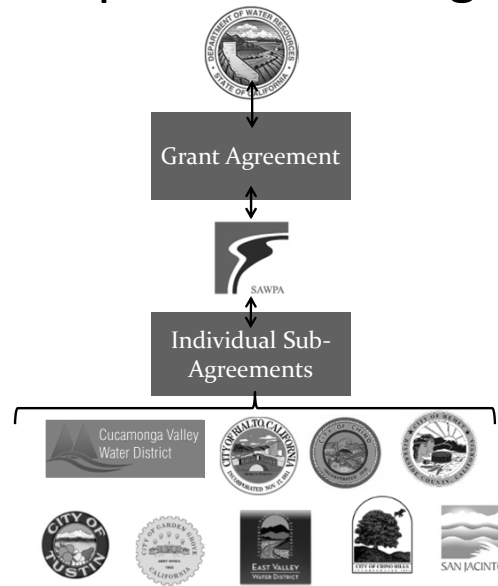


Scope of Conservation-Based Rates Component

- SAWPA provides funding and technical assistance (w/ Tom Ash of IEUA) to retail water agencies
- Funding = \$215,030 per retail water agency
 - Two phased funding approach (50% : 50% split of \$215,030) to incentivize adoption








Partnership with Retail Agencies



Major Reasons Retailers End Participation in Rates Component

- A. Issues with out-of-date billing systems that cannot calculate water-use budgets at the customer level,
- B. Results from their recent rate studies that analyzed the implementation of conservation-based rates,
- C. Decisions by their councils/boards, and
- D. Feedback from management.

Retailer:					
Major Reason:	D	B, C	B, C	A	B, C

Remaining Cities Participating

Chino



Prop 218 Hearing:
June 19, 2018
Implement rates:
November 2018

Chino Hills



Prop 218 Hearing:
May 8, 2018
Implement rates :
October 2018

Hemet



Rate study draft,
Rate adoption planned
for Fall 2018.
Implement rates:
January 2019

Applying Savings to Three Agencies

- Grant savings from 5 agencies ending participation:
 - \$711,000 total
- Allocated between 3 remaining cities to serve as a further incentive to adopt rate structure:
 - \$237,000 per city
- Additional \$237,000 would increase Sub-Grantee agreements to \$450,000 per agency
- Note: Offer to provide further funding was conveyed to Chino and Chino Hills before their rate hearings.

Incentivizing Rate Adoption



Initial Allocation

Phase 1 (Study)	Phase 2 (Adopt and Implement)	Total Sub-Grantee Agreement
\$107,515	\$107,515	\$215,030

Proposed Allocation

Phase 1 (Study)	Phase 2 (Adopt and Implement)	Total Sub-Grantee Agreement
\$107,515	\$344,789	\$452,304

Ensuring All Funding is Utilized

- Chino Hills and Chino are moving forward with rates at an accelerated pace.
- Hemet has projected that they can cover their projected rate conversion costs within the new Sub-Grantee agreement amount of \$450,000.
- If any of the cities do not need up to \$450,000, those left over funds would be allocated amongst the others.

Recommendation



Approve the following:

1. Distribute the Conservation-Based Water Rates Project's grant cost savings to the three remaining participating cities: Chino, Chino Hills and Hemet; and
2. Preparation and execution of amendments to the three cities' Sub-Grantee agreements to increase the grant amount to \$452,304 per city.



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COMMISSION MEMORANDUM NO. 2018.78

DATE: July 17, 2018
TO: SAWPA Commission
SUBJECT: IT Consulting and Support Services – Fiscal Year End 2018/19 and 2019/20
PREPARED BY: Dean Unger, Information Systems and Technology Manager

RECOMMENDATION

It is recommended that the Commission authorize the approval of Task Order No. ACS100-11 with Accent Computer Solutions for FYE 2018/19 and FYE 2019/20 in an amount not to exceed \$186,800.

DISCUSSION

SAWPA issued a Request for Proposals for IT Support services in May 2018 and received eight (8) responses. All proposals were evaluated and ranked by 3 IT managers: Doug McBratney from the city of Lake Forest, Michael Mouser from Western Municipal Water District, and Dean Unger from SAWPA. The top two vendors were invited to participate in an interview and provide a presentation; the interviews and presentations were ranked against each other and a final vendor was selected. All three managers were in scoring agreement on the selection of Accent Computer Solutions.

In addition to providing server/network monitoring and desktop support, Accent will provide SAWPA with Office365, backup services, offsite storage, server licenses, and currently a server loaner. The server loaner will be returned upon completion of the hardware refresh project. The two year estimated costs are listed below by task.

Description	Year 1	Year 2	
IT Support	\$28,200	\$28,200	
Office365	\$8,100	\$8,100	
Backups	\$2,400	\$2,400	
Offsite Storage 4.6 Terabytes	\$5,800	\$5,800	
Server Protect Licensing	\$3,300	\$3,300	
Server Loaner (6 months)	\$1,200	\$0	
Application Vendor Support*	\$10,000	\$10,000	
Special Projects*	\$40,000	\$30,000	
Annual Total	\$99,000	\$87,800	
Two-Year Total			\$186,800

* = estimated costs – Costs are project based and will be reviewed and approved by SAWPA GM and staff.

The Application Vendor Support estimated costs are for applications such as IPACS, OnBase and Great Plains accounting software. Accent will be called upon to assist in application upgrades, server modifications and network security changes. In addition to application vendor support, there is a Special Projects category that includes the upcoming hardware refresh where Accent will be heavily involved in server installation and server decommissioning.

BACKGROUND

SAWPA's Information Technology department has been supplemented by an IT service provider for over 15 years. This service provides 24 hour monitoring of the SAWPA network, servers, and backups as well as desktop support when needed. In addition special projects often need IT design services, additional staff and resources. This supplemented service allows SAWPA staff the ability to technically contribute to many of the other projects at SAWPA such as OWOW (landscape aerial measurement data and ESRI tools) and the implementation of Workflow using OnBase software.

This Task Order No. ACS100-11 is being brought to the Commission for approval as the current Task Order expires on July 31, 2018.

CRITICAL SUCCESS FACTORS

The following OWOW critical success factors are addressed by this action:

1. Administration of the OWOW process and plan in a highly efficient and cost-effective manner.
2. Data and information needed for decision-making is available to all.

RESOURCE IMPACTS

Funding for the Task Order for IT services is contained in Fund 100 in both the 2018/2019 budget as well as the 2019/2020 budget.

Attachments:

1. RFP Responses Ranking Table
2. Accent Computer Solutions RFP Submission Materials
3. PowerPoint Presentation to SAWPA Commission
4. Agreement Services by Independent Consultant
5. Task Order No. ACS100-11

IT Services RFP Scoring Summary by Reviewer

	Accent	Apex	Decision	Imagine	Konica	SAALEX	TPX	VPLS
Total:	277	211	209	160	167	224	113	266

IT Services Top 2 Interview Scoring Summary

Accent	VPLS
90	85
93	86
81	76
264	247



Accent Computer Solutions, Inc.
8438 Red Oak Street
Rancho Cucamonga, CA 91730
Office: (800) 481-4369
Fax: (909) 481-4376

INFORMATION TECHNOLOGY MANAGED SERVICES – TECHNICAL PROPOSAL

May 29, 2018

*Presented To: Santa Ana Watershed Project Authority
Dean Unger
11615 Sterling Avenue
Riverside, Ca 92503
Phone: (951) 354-4224
DUnger@sawpa.org*

*Presented By: Corey Kaufman, Director of Client Development
Accent Computer Solutions, Inc.
8438 Red Oak Street
Rancho Cucamonga, CA 91730
Phone: 909-481-4368
Fax: 909-481-4376
CoreyK@TeamAccent.com*



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California Clients

List of current clients located in the State of California that utilize ACSI's IT consulting and support services, of a similar scope and size to SAWPA.

Company Name	Address	City	State
Cabazon Water District	14618 Broadway	Cabazon	CA
Three Valleys Municipal Water District	1021 E Miramar Ave	Claremont	CA
Upper San Gabriel Valley Municipal Water District	602 Huntington Drive, Suite B	Monrovia	CA
Orange Line Oil Company	404 E. Commercial St.	Pomona	CA
PERMA	36951 Cook	Palm Desert	CA
Safety Employees Benefit Association	735 Carnegie Dr # 125	San Bernardino	CA
Merit Oil Co	1800 S. Riverside Ave.	Colton	CA
Aero Precision Engineering Inc	11300 Hindry Ave	Los Angeles	CA
American Contract Furniture	19888 Quiroz Court	City of Industry	CA
Artic Mechanical Inc.	10440 Trademark Street	Rancho Cucamonga	CA
Bernell Hydraulics Inc.	8810 Etiwanda Avenue	Rancho Cucamonga	CA
California Construction Trucking Association	334 N. Euclid Avenue	Upland	CA
Del Real Foods	11041 Inland Avenue	Mira Loma	CA
Fontana Logistics	13521 Santa Ana Ave. #B	Fontana	CA
General Air Conditioning & Plumbing	31170 Reserve Dr.	Thousand Palms	CA
J&J Marine	151 Shipyard Way	Newport Beach	CA
Pacific Mountain Logistics	5490 East Francis Street	Ontario	CA
Perera Construction and Design	2890 Inland Empire Blvd	Ontario	CA
Prime Global Solutions	15801 E. Valley Blvd.	City of Industry	CA
Raven Paul and Company	667 Cliffside Dr	San Dimas	CA
Rx Transcription & Coding	3500 Porsche Way	Ontario	CA
Specialty Enzymes & Biotechnologies	4880 Murrieta Ave	Chino	CA
Stratham Homes	1056 E. Philadelphia St.	Ontario	CA
TCI Engineering Inc	1416 W. Brooks Street	Ontario	CA



General Information about Proposing Firm - Accent Computer Solutions, Inc.

(1) Brief Profile of Firm

Accent Computer Solutions, Inc. (ACSI) was founded by Marty Kaufman in 1987. ACSI started out with zero dollars in revenue and only one employee. Today, ACSI is a corporation with 56 employees, and is one of the largest and most respected privately-owned IT services companies in Southern California. This growth is the result of delivering superior IT services to their clients and providing a great place for employees to work.

ACSI has one office located in Rancho Cucamonga, CA. Employees are strategically located throughout Southern California, Arizona, Texas, and Louisiana.

ACSI is a full-service Information Technology Solution provider, specializing in full or partial IT department outsourcing.

ACSI is a California State Licensing Board Low Voltage (C-7) Contractor, and a Microsoft Gold Partner that has earned competencies in Datacenter, Devices & Deployment, Cloud Productivity, and Small & Midmarket Cloud Solutions. They are also partners with: VMware, ShoreTel, Toshiba, WatchGuard, Xirrus, StorageCraft, Citrix, SonicWall, Cisco, HP, and many others.

In 2015 and 2016, ACSI was named one of the Top Workplaces in the Inland Empire by the Press-Enterprise. They were also ranked #1 Managed IT Services Provider in the Inland Empire by MSPmentor in 2013, 2014, 2015, 2016, and 2017. And they have been named to CRN's MSP500 list each year since 2014.



(2) Firm's Experience and Capabilities

Accent Computer Solutions, Inc. (ACSI) is a full-service Information Technology Solution provider. ACSI specializes in outsourcing full or partial IT departments. In the case of Santa Ana Watershed Project Authority (SAWPA), ACSI would strive to build a partnership with the internal IT resources and management teams to ensure a successful outcome. ACSI has a proven track record of building successful partnerships with firms similar in nature to SAWPA. ACSI has a wide breadth of expertise and works with many municipalities, but also has many partnerships in the medical, manufacturing, logistic, and non-profit arenas.

ACSI has significant experience in management and implementation of a VMware infrastructure similar to that of SAWPA. ACSI architects are required to complete VMware certifications as part of their ongoing professional development. ACSI has many VMware Certified on staff and has a proven record of successful deployment to both small business and enterprise level environments. ACSI has designed and implemented hundreds of VMware environments. References regarding successful implementation and ongoing support can be provided if requested.

ACSI provides, as part of partnership, a full range of IT services. These services include, but are not limited to the following:

- Unlimited Support for Physical and Virtual Servers
- Unlimited Support for Exchange and Mail Servers
- Unlimited 24/7/365 Technical Support for Internal SAWPA IT Resources
- Unlimited Security Management
- Unlimited CIO Consulting
- Unlimited Vendor Management
- Antivirus Licensing and Management
- Cisco Umbrella Web filtering and Malware Protection

Accent has the following primary vendor relationships, however; many more vendor products are available.

- Microsoft Gold Partner
- Cisco Premier Partner
- Dell Partner
- HP Authorized Partner
- Barracuda Networks
- VMware Enterprise Partner
- Citrix Silver Partner
- Toshiba/Mitel/ShoreTel Partner
- Xirrus Wi-Fi Networks



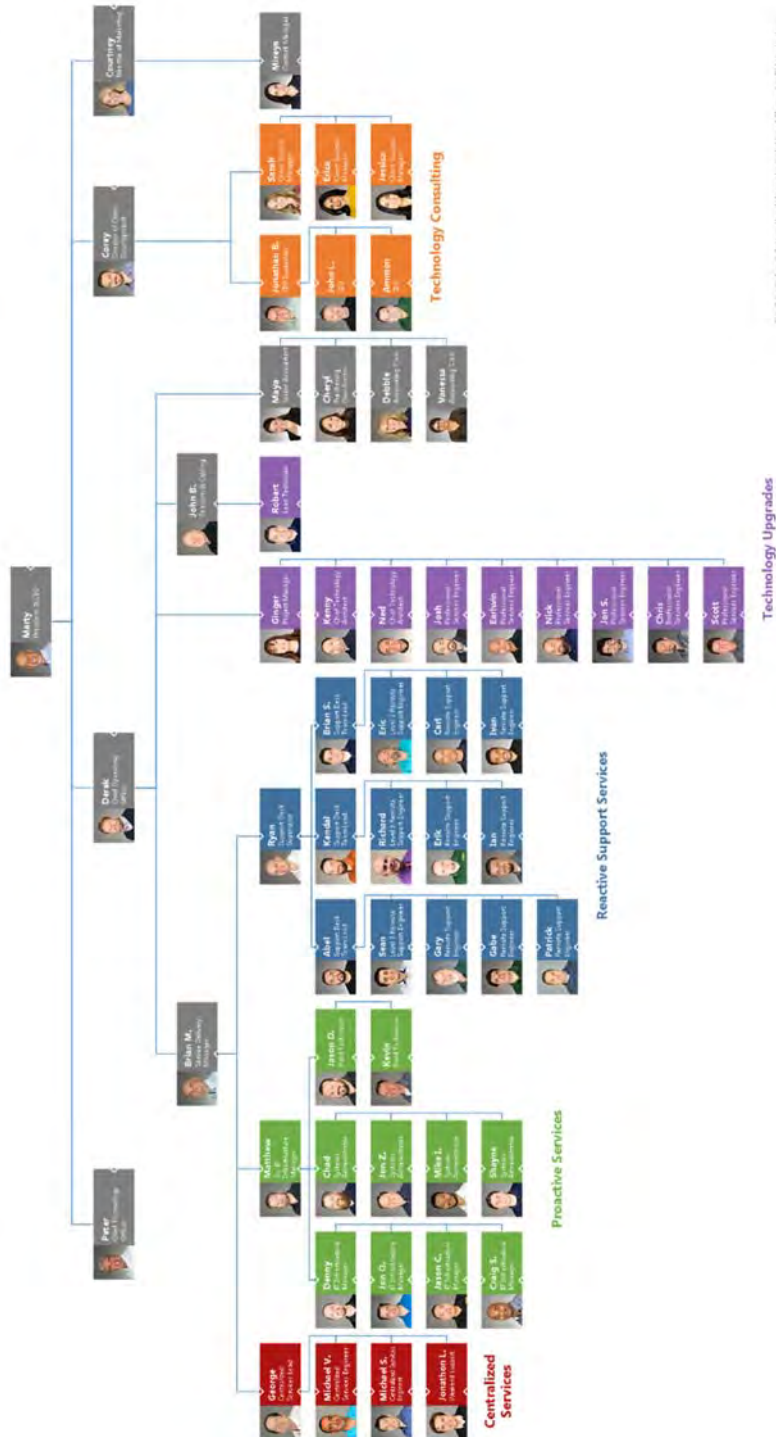
(4) Firm's Certifications

Detailed Certification Description	
Microsoft Gold Partner	<input type="checkbox"/>
VMware Enterprise Partner	<input type="checkbox"/>
Microsoft Certified Trainer (MCT)	<input type="checkbox"/>
Microsoft Certified Professional (MCP)	<input type="checkbox"/>
Microsoft Certified Technical Specialist (MCST)	<input type="checkbox"/>
Microsoft Technical Associate: IT Infrastructure (MTA)	<input type="checkbox"/>
Microsoft Certified Solutions Associate: Windows 7 & Windows 8 (MCSA)	<input type="checkbox"/>
Microsoft Certified Solutions Expert: Enterprise Devices and Apps (MCSE)	<input type="checkbox"/>
Microsoft Certified Solutions Expert: Desktop Infrastructure (MCSE)	<input type="checkbox"/>
Microsoft Certified Solutions Associate: Windows Server 2008	<input type="checkbox"/>
Microsoft Certified Solutions Associate: Windows Server 2012	<input type="checkbox"/>
Microsoft Certified IT Professional: Server Administrator on Windows Server 2008	<input type="checkbox"/>
Microsoft Certified IT Professional: Enterprise Administrator on Windows Server 2008R2	<input type="checkbox"/>
Microsoft Certified IT Professional: Virtualization Administrator on Windows 2008R2	<input type="checkbox"/>
Microsoft Certified IT Professional: Database Administrator 2008	<input type="checkbox"/>
Microsoft Certified Technology Specialist: SQL Server 2008	<input type="checkbox"/>
Microsoft Certified Technology Specialist: Windows Server 2008 Network Infrastructure	<input type="checkbox"/>
Microsoft Certified Solutions Expert: SharePoint	<input type="checkbox"/>
Microsoft Certified Solutions Expert: Communication	<input type="checkbox"/>
Microsoft Certified Solutions Expert: Messaging	<input type="checkbox"/>
Microsoft Specialist: Server Virtualization with Windows Server Hyper-V and System Center	<input type="checkbox"/>
VMware Certified Professional 5 (VCP5)	<input type="checkbox"/>
VMware Certified Professional 6 (VCP6)	<input type="checkbox"/>
VMware Certified Professional – Cloud	<input type="checkbox"/>
Citrix Certified Administrator (CCA)	<input type="checkbox"/>
Barracuda Certified Engineer (BCE)	<input type="checkbox"/>
Xirrus Certified Wireless Technician (XCWT)	<input type="checkbox"/>
StorageCraft Certified Master Engineer (SCME)	<input type="checkbox"/>
Toshiba Certified Telecom engineer (TCTE)	<input type="checkbox"/>
Toshiba Certified IP Expert: IP edge	<input type="checkbox"/>
Certified SonicWall Security Administrator	<input type="checkbox"/>
Cisco Certified Network Administrator	<input type="checkbox"/>
California-CA Low Voltage (C-7) Contractors License	<input checked="" type="checkbox"/>



Staffing and Organization

(1) Project Organization Chart



Confidential and Proprietary Information of Accent Computer Solutions, Inc.

Technology Upgrades

Reactive Support Services

Proactive Services



(2) Names and Resumes of Key Personnel

Project Managers:

- Nedal Hamad – Chief Technology Architect
- John Leete – vCIO
- Craig Spratley – IT Infrastructure Manager

Additional Key Personnel:

- Peter O'Campo – Chief Technology Officer
- Jessica Duncan – Client Success Manager
- Brian Modrak – Service Delivery Manager
- Ryan Ziska – Support Desk Supervisor
- Richard Dolina – Level 3 Support Desk Engineer, Escalation
- Ginger Beckman – Project Manager, Professional Services
- Sean Sharifi – Level 3 Support Desk Engineer, Escalation
- Denny Fite – Infrastructure Management Team Manager

Nedal Hamad, Chief Technology Architect



Been in the IT Industry since: 1995

Been a member of TeamAccent since: 2006

Certifications: Microsoft Certified Professional, Microsoft Certified Technical Specialist, Microsoft Certified Information Technology Professional, Microsoft Certified Solutions Associate, VMware Certified Professional 5, Cisco Certified Network Associate

Duties and Responsibilities:

Nedal Hamad is a Chief Technology Architect and works closely with the Professional Services team, the Network Administrators, and the vCIOs to design and implement the right business technology path for Accent's clients. The Architecture team has extensive knowledge and experience in hardware, software and network concepts, as well as tools and support best practices related to Accent's clients.

The primary objective of the Technology Architect is to design and deploy an IT infrastructure. Nedal is responsible for the overall architecture and compatibility between hardware and software for infrastructure for both the existing environment and future technology improvements. He also acts as an escalation point for his clients' infrastructure issues.

Relevant Experience:

Accent Computer Solutions, Inc., Chief Technology Architect

2006-Present

Architect, design, scope, and implement IT solutions for companies in industries such as: transportation, state and local municipalities, property management, non-profit, manufacturing, legal, CPA, healthcare, distribution, construction, HVAC, event management, medical billing, associations, dairies, logistics, food production, storage and transfer, environmental services, staffing, wealth management, oil, farming, church, lumber, mortgage, financial services, and aerospace.

Nedal specializes in designing and implementing complex infrastructures with environments from single servers to 80+ servers.

Community National Bank

1999-2005

Supported 270 employees across headquarters and 12 branch offices.

John Leete, vCIO



Been in the IT Industry since: 1998

Been a member of TeamAccent since: 2015

Duties and Responsibilities:

John Leete is a virtual Chief Information Officer (vCIO) for Accent Computer Solutions, Inc. The primary objective of his role is to help clients plan their technology so they can achieve their business goals. He guides technology strategy and vision as a trusted technical advisor to clients. He maintains a consistent on-site schedule with each client to provide the following services: Regular onsite Information Technology reviews; consistent participation and communication in strategy meetings and huddles; develop and maintain technology budgets; identify business risks and develop solution strategies with Network Administrators & Architects.

John also works directly with client leadership to improve end user experience and workflow. His goal is to drive efficiency and reduce risk exposure for his clients. This role is responsible for ensuring client satisfaction in all areas, including strategic planning, long term strategy, support process, and proactive service delivery.

Relevant Experience:

Accent Computer Solutions, Inc., vCIO

2015-Present

Provide strategic guidance for companies in industries such as: transportation, state and local municipalities, property management, non-profit, manufacturing, legal, CPA, healthcare, distribution, construction, HVAC, event management, medical billing, associations, dairies, logistics, food production, storage and transfer, environmental services, staffing, wealth management, oil, farming, church, lumber, mortgage, financial services, and aerospace.

ServiceSource International, IT Manager/Systems Administrator

2010-2015

Lead team responsible for over 550 users in Denver sales center and part of Senior IT Leadership Team overseeing more than 1300 users world-wide. Created new virtual servers and managed images through vSphere utility. As part of Senior IT Leadership Team responsible for forecasting and planning of yearly IT budget based on proposed user increases, retirement/replacement of legacy equipment, licensing, etc., as well as corporate-wide 3rd party audits in regards to technology, policies and procedures including control, reporting, security and disaster recovery of corporate documentation. Manage global web filtering/monitoring system (Websense). IT contact for enterprise-wide Business Continuity and Disaster Recovery creation with focus on policies and strategies of operational failover to satellite offices. Manage local sales center servers (domain controllers, file servers, VMware servers), desktops, printers, phone systems, audio/video conferencing systems, virtual environment and client connectivity. Work directly with clients and Project Management Office to design system solutions for connectivity to new client systems for sales teams.

Craig Spratley, IT Infrastructure Manager



Been in the IT Industry since: 2005

Been a member of TeamAccent since: 2015

Certifications: Microsoft Certified Professional, CompTIA A+

Education: Associate of Science, Computer Networking Systems

Duties and Responsibilities:

Craig Spratley is a IT Infrastructure Manager for Accent Computer Solutions and works closely with the other 6 IT Infrastructure Managers on his team, as well as the other Accent teams. He has significant knowledge and experience in hardware, software and network concepts, as well as network tools and support best practices related to Accent's clients.

The primary objective for Accent's team of IT Infrastructure Managers is to provide on-site support, documentation, proactive maintenance, and 24/7 on-call availability. The IT Infrastructure Managers maintain a consistent on-site schedule to fulfill the following duties and responsibilities: Provide support for critical server and network systems; provide information to clients, such as reports, project proposals, review open projects, and review any open issues from the Help Desk or other teams; provide end-user training; and troubleshoot issues as necessary. He also assists in supporting all network equipment and connectivity to clients, including routers, firewalls, VPN concentrators, and other devices.

Relevant Experience:

Accent Computer Solutions, Inc., IT Infrastructure Manager

2015-Present

Implement and support IT systems for companies in industries such as: transportation, state and local municipalities, property management, non-profit, manufacturing, legal, CPA, healthcare, distribution, construction, HVAC, event management, medical billing, associations, dairies, logistics, food production, storage and transfer, environmental services, staffing, wealth management, oil, farming, church, lumber, mortgage, financial services, and aerospace.

Golden State Foods/Platinum Resource Group, Sr. Systems Support Analyst

2014-2015

Exchange server administration. Mailbox creation, Universal\Global\Local distribution list creation, User assignment to DL's, Alternate email association to company mailbox's, Mailbox quotas, OWA and Active Sync authorization for users, Mailbox folder permissions through the Exchange Management Shell (PowerShell), Calendar Permissions, etc. Active Directory Administration. New User creation, Security Group Administration, Users access to Network Share's, GAL Administration. Cisco Content Security Management administration. Whitelist of blocked websites approved by management, Blacklist of sites that the configuration of the Web Content Appliance failed to block. Cisco Unified Call Manager (CUCM) Administration. Cisco Jabber association, install, and configuration. Application Support. JD Edwards (XE, 9.xx), MS Office, AS/400, Prism, etc.

Quest/Adventist Health, Lead Desktop Engineer – Supervisor

2013-2014

Responsible for assigning team to designated areas for PC Refresh. Actively trained and supervised team to ensure that best practices, policies, and refresh procedure is followed and adhered to. Refreshed workstations from Windows XP to Windows 7. Imaged new workstations and re-imaged workstations pulled from end user areas. Created daily success/failure reports, detailing the work performed by the migration team. Responsible for fine tuning, and implementing changes to refresh procedure when needed to address the current site's needs.

Peter O'Campo, Chief Technology Officer



Been in the IT Industry since: 2000

Been a member of TeamAccent since: 2017

Certifications: Microsoft Certified Systems Engineer and Citrix Certified Administrator

Education: Associate of Science, Project Cost Accounting; Bachelor of Science, Accounting

Duties and Responsibilities:

Peter O'Campo is Chief Technology Officer for Accent Computer Solutions, Inc. The primary objective of the Chief Technology Officer is to advance technology and increase efficiency for Accent Computer Solutions and its clients. He is responsible for staying up to date on the IT industry, evaluating new technology to stay ahead of the competition, implementing technology and processes to make staff more effective, as well as reviewing and refining existing processes for efficiency.

Relevant Experience:

Accent Computer Solutions, Inc., Chief Technology Officer

2017-Present

Provide information technology guidance and advancement for companies in industries such as: transportation, state and local municipalities, property management, non-profit, manufacturing, legal, CPA, healthcare, distribution, construction, HVAC, event management, medical billing, associations, dairies, logistics, food production, storage and transfer, environmental services, staffing, wealth management, oil, farming, church, lumber, mortgage, financial services, and aerospace.

Calnet Technology Group, Cloud Infrastructure Manager

2015-2016

Responsible for the architecture, implementation and support for cloud services infrastructure. Cloud systems supported 2000 geotopically diverse end users. Played an integral role in business transition and migration. Expertise in documenting and explaining operational systems and IT architecture.

Alpha Actual, LLC, COO, CFO

2011-2015

Oversaw and directed operational systems allowing double digit annual growth while maintaining high level of customer service. Responsible for implementing and maintaining ITIL best practices and industry leading internal controls for cloud based desktop. Implementation of successful staff retention program. Increasing service and support by developing IT staff at all levels. Established systems for managing IT operations with analytics and metric driven data. Use of system monitoring and data analysis allowed confirmation of tactical decisions. Responsible for financial systems of rapidly growing IT and cloud service organization from initial startup through acquisition.

MNC Technology Solutions, Inc., President, CEO

2003-2011

Provided Leadership for growing cloud technology and IT managed service provider. Chief technology architect of cloud desktop business line. Supporting over 500 high-demand end users. Established customer service levels and reporting systems to increase end user satisfaction. Developed cyber security plan ongoing controls to meet internal and external customer security needs. Established strategic alliances with key vendors and business partners to maximize successful Standardized purchasing and procurement processes to increase quality and reduce costs. Achieved double digit annual growth while maintaining profitability.

Erica Almendarez, Client Success Manager



Been in Customer Service since: 2006

Been a member of TeamAccent since: 2017

Education: Riverside Community College

Duties and Responsibilities:

Erica Almendarez is a Client Success Manager at Accent Computer Solutions, Inc. The primary objective of the Client Success Manager is to be a proactive customer service liaison for our clients.

This role is responsible for understanding and improving the customer experience as a whole for our clients. This role works with all other departments to ensure clear communication to the customer and to remove roadblocks with regards to all deliverables from all service areas.

Relevant Experience:

Accent Computer Solutions, Inc., *Client Success Manager*

2017-Present

Ensure client satisfaction and IT success for companies in industries such as: transportation, state and local municipalities, property management, non-profit, manufacturing, legal, CPA, healthcare, distribution, construction, HVAC, event management, medical billing, associations, dairies, logistics, food production, storage and transfer, environmental services, staffing, wealth management, oil, farming, church, lumber, mortgage, financial services, and aerospace.

ACT1 Group, *Account Executive/Consultant*

2014-2017

Maintain accounts, update candidate files, process I9 information as well as manage front and back end operations. Assist clients/customers over the phone and in person to provide professional support throughout the application/contract process. Track, deliver and maintain performance standards within required operational directives. Manage client/vendor communications daily. Create and post job opportunities via various job boards to attract talent. Source, screen, interview and submit qualified professionals to available requisitions per client request. Determine appropriate skill evaluations; set candidates up for testing. Complete background, drug screening and verify reference upon hire.

Corinthian Colleges, *Senior Admissions Representative*

2010-2014

Recruit/Source qualified candidates/applicants for Academic programs on a daily/weekly/monthly basis. Provide detailed information to potential candidates/applicants on specific program information. Evaluate and resolve students' inquiries, issues, and problems to ensure appropriate action is taken to the satisfaction of the student, company and regulatory agencies. Uphold enrollment standards by complying with the related government regulations and standards of accreditation.

Polychemie, Inc., *Administrative Assistant*

2007-2010

Clerical duties include; Generate daily reports for facility shipments, assist in monthly finance reports, weekly shipping agenda. Schedule deliveries on a daily basis to all Plant customers. Handle all customer services calls and concerns.

Brian Modrak, Service Delivery Manager



Been in the IT Industry since: 1997

Been a member of TeamAccent since: 2012

Certifications: Microsoft Certified Systems Engineer, Barracuda Certified Engineer, Watchguard Certified System Professional, Microsoft Certified Technology Specialist, Xirrus Certified Sales Associate

Education: Masters of Science in Information Systems, Bachelor of Science, Bachelor of Arts

Duties and Responsibilities:

Brian Modrak is the Service Delivery Manager for Accent Computer Solutions, Inc. His role is in service support and management, managing the integrated team of Reactive Support Engineers, Network Administrators, and Centralized Services that support Accent's clients. The primary objective of the Service Delivery Manager is to manage the flow of service delivery and to improve the efficiency of the service delivery team. Brian is responsible for ensuring client satisfaction in every step of problem resolution, as well as ensuring that team members follow-up with clients to make sure that their service needs have been met.

Relevant Experience:

Accent Computer Solutions, Inc., Service Delivery Manager

2012-Present

Provide the highest level of service delivery for companies in industries such as: transportation, state and local municipalities, property management, non-profit, manufacturing, legal, CPA, healthcare, distribution, construction, HVAC, event management, medical billing, associations, dairies, logistics, food production, storage and transfer, environmental services, staffing, wealth management, oil, farming, church, lumber, mortgage, financial services, and aerospace.

Independent IT/IS Consultant

2009-2012

Implement and support technology solutions for small businesses and supported various municipalities through Information Systems integrations. Duties included end-user support, server configurations and migration and complex data conversions.

City of Beaumont, Information Systems Manager

2009-2012

Maintained City and Police Department LAN and WAN environments. Managed and maintained all servers, workstations, firewalls and peripheral equipment including 6 physical locations and connectivity with inter-connected agencies with the City and Police Department agencies. Installed virtual training simulation system for Beaumont Police Department, maintained in-car mobile computer units, assisted with the implementation of the Mobile Command Unit, installed and maintained security and access control systems in multiple physical locations and installed and maintained laser connectivity between the City and Police Department. These duties included reporting directly to the City Manager and maintaining the working budget for the Information Systems department including project management for server and workstation upgrades and all system maintenance while managing all aspects and functions of the Information Systems solutions and managing the Information Systems department in aiding all other departments in applying technology as a solution.

Armanino McKenna, LLP, Network Administrator

2000-2004

Provided technology solutions and support for all clients including server maintenance and server migrations. Performed electronic data processing and security audits for all clients, including governmental and non-profit organizations. Provided in-house support for entire business including workstation, server and connectivity support. Worked with Information Technology team to open secondary business location and move all critical servers and peripherals to new location.

Ryan Ziska, Support Desk Supervisor



Been in the IT Industry since: 2006

Been a member of TeamAccent since: 2013

Certifications: Microsoft Certified Professional, Microsoft Certified Technology Specialist, Watchguard Certified System Professional, Barracuda Email Security Gateway Certified Product Specialist

Education: Bachelor of Science, Computer Network Management

Duties and Responsibilities:

Ryan Ziska is Accent's Support Desk Supervisor. The Support Desk Team also works closely with the other Accent teams to achieve the technology results they desire.

The primary objective of the Support Desk Supervisor is to monitor and manage the performance of the Support Desk as a whole. The Support Desk is tasked with providing remote support to end users of Accent's clients. Successful support includes superior customer service, efficient use of tools & time, and diligently following the Support Desk SLA process.

Relevant Experience:

Accent Computer Solutions, Inc., Support Desk Supervisor

2013-Present

Provide IT system and end user support for companies in industries such as: transportation, state and local municipalities, property management, non-profit, manufacturing, legal, CPA, healthcare, distribution, construction, HVAC, event management, medical billing, associations, dairies, logistics, food production, storage and transfer, environmental services, staffing, wealth management, oil, farming, church, lumber, mortgage, financial services, and aerospace.

Visiting Nurses Association of Southern California, Information Systems Analyst

2008-2013

Efficiently and effectively troubleshoot various ERP systems and off-the-shelf end user software systems. Managed enterprise security applications including anti-virus, VPN, content filtering, computer updates and door lock systems. Consolidated server farm into VMware ESXi environment and implemented application virtualization using RemoteApp. System administration responsibilities included server and network monitoring, server builds, and maintenance and troubleshooting enterprise server farm ensuring business continuity. Developed department & enterprise tutorials and training; authored knowledge support articles and lead training sessions. Expertly managed overall project and server support for software and hardware implementations, upgrades and maintenance. Professionally performed end-user systems maintenance, troubleshooting and configuration. Developed enterprise server, desktop images and automated imaging process using group policies, packages, and scripts. Developed and maintained enterprise backup and restore processes for both physical and virtual servers.

Fremont Investment & Loan, Applications Systems Support/Datacenter Technician

2006-2008

Efficiently and effectively troubleshoot various proprietary and off the shelf end-user software systems. Administered all aspects of user/group access privileges on all corporate systems and applications. Collaborated with departmental/corporate regulatory groups to conduct audits on all levels of security access, including conducting reconciliation efforts to bring systems/applications access privileges into compliance with policies and regulations. Supported implementation and administration of systems and procedures, ensuring the protection of information processed, stored and transmitted.

Richard Dolina, Level 3 Support Desk Engineer



Been in the IT Industry since: 2008

Been a member of TeamAccent since: 2016

Certifications: Microsoft Certified Solutions Expert, Microsoft Certified Solutions Associate, Microsoft Certified Technology Specialist, CompTIA Network+, CompTIA A+

Duties and Responsibilities:

Richard Dolina is a Level 3 Support Desk Engineer for Accent Computer Solutions, and is supported by the other 11 Support Desk Engineers on his team, as well as the other Accent teams. He has significant knowledge and experience in hardware, software and network concepts, as well as tools and support best practices related to Accent clients.

The primary objective for Accent's team of Support Desk Engineers is to provide remote support to service requests that come in via the phone, email, or the portal. The Level 3 engineers are an escalation team and are utilized for complex technical issues. The Support Desk Engineers are responsible for ensuring satisfaction to clients in every step of problem resolution. They are required to track detailed information about each client service request and must record diagnostic steps as they troubleshoot the reported problem. They participate in an integrated team of service delivery professionals including Network Administrators, Technology Architects, Centralized Services Engineers, Project Engineers, Design Desk, and vCIOs, and communication throughout teams is critical to providing clients with superior service, and to the success of this position.

Relevant Experience:

Accent Computer Solutions, Inc., Level 3 Support Desk Engineer

2016-Present

Provide IT system and end user support for companies in industries such as: transportation, state and local municipalities, property management, non-profit, manufacturing, legal, CPA, healthcare, distribution, construction, HVAC, event management, medical billing, associations, dairies, logistics, food production, storage and transfer, environmental services, staffing, wealth management, oil, farming, church, lumber, mortgage, financial services, and aerospace.

Computer Gallery, Network Administrator

2014-2016

Provide senior support, and implement and continuously audit the Computer Gallery's way of providing support. Work with the vCIO to develop a technology plan within budget for each client. Make the vCIO aware of any business risk within the client's technology environment. Perform and document Monthly and Quarterly maintenance. Compile weekly statistics and report to operations manager. Review all tickets to date (Help Desk, vCIO, Centralized Services, Pro Service and NetAdmin) to look for trends that may lead to a root cause issue that needs to be corrected via onsite proactive visit. Ensure engineering compliance of NetAdmin team.

Central Community Care Access Centre, Systems Analyst

2010-2013

Provide system support and escalation support for the helpdesk. Receive customer service requests for all network services, and supported desktop/laptop users via telephone, e-mail, voice mail, or walk-ins. Resolve customer service requests over the telephone, through desktop consultation with users, and/or by using remote management software. Escalate calls to external vendors for support as required. Close service requests with detailed information of the resolution documented in the SMA system.

Ginger Beckman, Project Manager



Been in the IT Industry since: 2005

Been a member of TeamAccent since: 2005

Duties and Responsibilities:

Ginger Beckman is the Project Manager for Accent’s Professional Services team.

The primary objective of the Project Manager is to manage the project planning, resources and processes of the Professional Services team and ensure maximum utilization of the team members. Understanding deadlines, promised dates, milestones and requirements of specific projects will be essential to the success of the Project Manager.

This role is responsible for understanding and improving the project process and the customer experience as a whole during this process. They work with all other departments to ensure clear communication to the client, and remove roadblocks with regards to all deliverables from all projects.

Relevant Experience:

Accent Computer Solutions, Inc., *Project Manager*

2017-Present

Manages professional services projects for companies in industries such as: transportation, state and local municipalities, property management, non-profit, manufacturing, legal, CPA, healthcare, distribution, construction, HVAC, event management, medical billing, associations, dairies, logistics, food production, storage and transfer, environmental services, staffing, wealth management, oil, farming, church, lumber, mortgage, financial services, and aerospace.

Accent Computer Solutions, Inc., *Design Desk Coordinator*

2005-2017

Provides immense administrative support to each of Accent’s teams by drafting quotes and proposals for companies in industries such as: transportation, state and local municipalities, property management, non-profit, manufacturing, legal, CPA, healthcare, distribution, construction, HVAC, event management, medical billing, associations, dairies, logistics, food production, storage and transfer, environmental services, staffing, wealth management, oil, farming, church, lumber, mortgage, financial services, and aerospace.

Sean Sharifi, Level 3 Support Desk Engineer



Been in the IT Industry since: 2010

Been a member of TeamAccent since: 2015

Certifications: Microsoft Certified IT Professional (MCITP), Microsoft Certified Solutions Associate (MCSA), Microsoft Certified Technology Specialist (MCTS), Microsoft Certified Professional (MCP), Microsoft Specialist (MS), CompTIA Network+, CompTIA A+

Education: Master of Business Administration (MBA) in Cyber Security and Information Systems Management, Bachelors of Science in Computer Science

Duties and Responsibilities:

Sean Sharifi is a Level 3 Support Desk Engineer for Accent Computer Solutions, and is supported by the other 11 Support Desk Engineers on his team, as well as the other Accent teams. He has significant knowledge and experience in hardware, software and network concepts, as well as tools and support best practices related to Accent clients.

The primary objective for Accent's team of Support Desk Engineers is to provide remote support to service requests that come in via the phone, email, or the portal. The Level 3 engineers are an escalation team and are utilized for complex technical issues. The Support Desk Engineers are responsible for ensuring satisfaction to clients in every step of problem resolution. They are required to track detailed information about each client service request and must record diagnostic steps as they troubleshoot the reported problem. They participate in an integrated team of service delivery professionals including Network Administrators, Technology Architects, Centralized Services Engineers, Project Engineers, Design Desk, and vCIOs, and communication throughout teams is critical to providing clients with superior service, and to the success of this position.

Relevant Experience:

Accent Computer Solutions, Inc., Level 3 Support Desk Engineer

2015-Present

Provide IT system and end user support for companies in industries such as: transportation, state and local municipalities, property management, non-profit, manufacturing, legal, CPA, healthcare, distribution, construction, HVAC, event management, medical billing, associations, dairies, logistics, food production, storage and transfer, environmental services, staffing, wealth management, oil, farming, church, lumber, mortgage, financial services, and aerospace.

HCI Systems, Systems Administrator (IT Project Manager)

2014-2015

Prepare project status reports by collecting, analyzing, and summarizing information and trends. Participate in technical research and development to enable continuing innovation within the infrastructure. Research and recommend innovative, and where possible automated approaches for system administration tasks. Perform daily system monitoring, verifying the integrity and availability of all hardware, server resources, systems and key processes, reviewing system and application logs, and verifying completion of scheduled jobs such as backups. Perform regular security monitoring to identify any possible intrusions. Perform daily backup operations, ensuring all required file systems and system data are successfully backed up.

TookaSoft, System Administrator

2010-2013

Network Design, network services deployment, system administration, solution provider, outsourcing project supervisor, web servers publishing, security analyzing, third-party security checks, domain implementation and maintenance, database and file server setup, supporting all network services, analyzing existing servers and services. Performed network setup and initialization for over 50 companies, implemented and managed over 200 servers, and prevented over 500 security vulnerabilities.

Denny Fite, Infrastructure Management Team Supervisor



Been in the IT Industry since: 2012

Been a member of TeamAccent since: 2016

Certifications: Cisco Certified Networking Associate, VMware Certified Professional 6 Data Center Virtualization, ShoreTel Enterprise Contact Center Implementation, ShoreTel Unified Communications Installation

Education: Associate of Science, Business Management

Duties and Responsibilities:

Denny Fite is the Infrastructure Management Team Supervisor. He and his team work closely with the other Accent teams to help companies achieve the technology results they desire. He has significant knowledge and experience in hardware, software and network concepts, as well as tools and support best practices related to Accent's clients.

The primary objective for the team of IT Infrastructure Managers is to provide on-site support, documentation, proactive maintenance, and 24/7 on-call availability. The IT Infrastructure Managers maintain a consistent on-site schedule to fulfill the following duties and responsibilities: Provide support for critical server and network systems; provide information to clients, such as reports, project proposals, review open projects, and review any open issues from the Help Desk or other teams; provide end-user training; and troubleshoot issues as necessary.

Relevant Experience:

Accent Computer Solutions, Inc., Infrastructure Management Team Supervisor

2016-Present

Implement and support IT systems for companies in industries such as: transportation, state and local municipalities, property management, non-profit, manufacturing, legal, CPA, healthcare, distribution, construction, HVAC, event management, medical billing, associations, dairies, logistics, food production, storage and transfer, environmental services, staffing, wealth management, oil, farming, church, lumber, mortgage, financial services, and aerospace.

IntelesysOne, Network Engineer

2014-2016

Led installs for customer ShoreTel PBX (14.2 & Connect) installations. Designed infrastructure to customer specifications and implemented on site. Installed networking equipment (firewalls, switches, routers) for VOIP preparedness and refreshing. Cisco 7200 & SonicWALL Routers, SonicWALL Firewalls, Various Layer 3 Switches. Configuration and deployment of Firewalls with port forwarding, DMZ, and other configurations. Configuration and Deployment of 802.11x Ruckus Routers, completed manufacturer training. Configuration of client VPN: site-to-site and client based with NetExtender. Troubleshooting live environment for TCP/IP, DHCP, DNS, WINS, and FTP connectivity. Configuration and deployment of infrastructure at customer sites, customer-facing needs analysis. Training and Documentation. Supported ShoreTel Administrator and End User questions and software bugs and handled Escalations.

Versatile Building Products, IT Administrator & Software Engineer

2012-2014

Developed and implemented RHEL Linux based web solutions – corporate->franchise automation systems including: blogging, phone number management, lead tracking integration with SugarCRM. Maintained internal network backbone of 20 users, some remote, 35 external franchise locations nationwide, utilized Cloud based services. Managed internal accounting software (Sage MAS 100), Microsoft Exchange, general domain and NFS, participated in and troubleshot Sage CRM, and private branch exchange (PBX) systems. Supervised a team centered around franchisee experience and satisfaction.

Ammon Becar, vCIO



Been in the IT Industry since: 2000

Been a member of TeamAccent since: 2016

Duties and Responsibilities:

Ammon Becar is a virtual Chief Information Officer (vCIO) for Accent Computer Solutions, Inc.

The primary objective of his role is to help clients plan their technology so they can achieve their business goals. He guides technology strategy and vision as a trusted technical advisor to clients. He maintains a consistent on-site schedule with each client to provide the following services: Regular onsite Information Technology reviews; consistent participation and communication in strategy meetings and huddles; develop and maintain technology budgets; identify business risks and develop solution strategies with Network Administrators & Architects.

Ammon also works directly with client leadership to improve end user experience and workflow. His goal is to drive efficiency and reduce risk exposure for his clients.

This role is responsible for ensuring client satisfaction in all areas, including strategic planning, long term strategy, support process, and proactive service delivery.

Relevant Experience:

Accent Computer Solutions, Inc., vCIO

2016-Present

Provide strategic guidance for companies in industries such as: state and local municipalities, transportation, property management, non-profit, manufacturing, legal, CPA, healthcare, distribution, construction, HVAC, event management, medical billing, associations, dairies, logistics, food production, storage and transfer, environmental services, staffing, wealth management, oil, farming, church, lumber, mortgage, financial services, and aerospace.

LuLaRoe, Tech Support

2014-2016

SBCUSD, IT Help Desk Technician

2007-2011

Relevant Skills:

- MAC, PC, Laptop Repair (Build, Repair, Maintenance, Configuring)
- Internet Support & Security (Security Suites, Firewalls)
- Web Design/ Programming/ Hosting (Wordpress, Photoshop, Motion, Final Cut, iMovie)
- Networks (AS/400), Servers, Virtual Machines, Cabling (Some CCNA skills)



(3) Statement Regarding Key Personnel Availability

Accent Computer Solutions, Inc (ACSI) will ensure that key personnel will be available throughout the duration of the proposed project. ACSI will ensure that no key personnel shall be removed or replaced without prior written concurrence of the Agency.

Work Plan

Accent Computer Solutions, Inc (ACSI) believes that the key to a successful implementation of a managed environment is building a partnership and communication rhythm to ensure successful completion of IT projects and accountability. ACSI utilizes a “Results Cycle” to demonstrate value and deliver consistent results. The results cycle requires a continuous consistent review of the managed environment to identify potential challenges and bottlenecks. Potential challenges are then prioritized and assigned out to responsible resources. ACSI would work closely with the SAWPA team to determine priorities and options to move forward. Once the strategy is confirmed, resources are assigned to complete the selected strategy. To complete the cycle, ACSI would then report the results to the SAWPA team to ensure successful implementation. Weekly accountability communications will be critical to the success of this management project.

To ensure technical success, ACSI designates five different areas of focus with regards to the IT environment. These focus areas are Reactive Support, Network Administration, Centralized Services, Technology Architecture, and CIO Consulting. ACSI has included a document (pg. 24) with depiction of each of the five focus areas and a brief description within each block. Below is a brief description of the responsibilities of each department.

The Reactive Services team is responsible for providing immediate triage of trouble tickets that are generated by the IT environment monitoring systems or by the SAWPA staff. This team is responsible for providing immediate escalation support for the SAWPA team. Along with providing support, they are also responsible for identifying trends and risk points that can then be taken to the network administration and architecture teams to develop permanent solutions going forward. ACSI’s Reactive Services teams answer the phone via live answer in less than 30 seconds on average. The Network Administration team is responsible for reducing the “noise”, or tickets, that are generated by the system and its end users through best practice implementation. This team is also responsible for reviewing ticket trends and working with the reactive team to implement solutions and permanent fixes to any ongoing or potential issues. When reviewing the network, they are trained to look at the system and identify risk points that could lead to problems in the future, instead of waiting for something to break and addressing the issue at that point. They review our monitoring system and metrics as well on a weekly basis to identify any potential issues. ACSI’s



network administration team has a revolving checklist of just less than 200 items that are reviewed and verified to ensure that the network continues to operate at a high level. This team is also responsible for maintaining the site documentation.

The Centralized Services team is responsible for efficiency automation, maintenance, security patching, and data integrity verification. This team is responsible for more than just monitoring the network. They are responsible for developing and deploying automation to ensure the infrastructure is efficient and secure. This team leverages the experience that comes with monitoring thousands of devices to ensure that the best possible solutions are pushed out to SAWPA's network. This team is also responsible for identifying trends and potential risk points. These items are then brought to the other teams to review and present solutions.

The Technology Architecture team is responsible for design and implementation of technology solutions. The Technology Architects are responsible for looking at the infrastructure at a higher level and understanding how each piece works together in order to present recommendations that will achieve strategic goals.

The CIO consulting team is responsible for determining SAWPA's high-level plan and strategic direction with regards to technology. The CIO team will work with the SAWPA team to determine strategic goals and objectives. Once the goals and objectives are established, the CIO team will research and present options to fulfill each need. This team is also responsible for technology budgeting and ensuring that cost effective solutions are implemented. It is the responsibility of this team to ensure that the day-to-day needs are met, as well as verifying the strategic roadmap is in line with the organizational goals and objectives.

The combination of the teams above provides a holistic view of the IT environment. A successful management project cannot be completed without each team successfully completing their portion of the project.

(4) Subcontractors and Suppliers

Accent Computer Solutions, Inc (ACSI) will not be utilizing subcontractors or suppliers that would provide supplies or services greater than 10% of the total services for this project.

Description (Includes Support for Both Main Building and BLOC location)	Updated Price (Monthly)
Unlimited Support of 5 Physical and 11 Virtual Servers: **Automated Microsoft Patch Management **Windows System Monitoring **Security Monitoring (IDS/IPS) **Event Log Monitoring **Performance Monitoring and Reporting **Drive Space Monitoring and Administration **Microsoft Exchange/Office 365 Monitoring and Admin	Included
Unlimited Workstation Management **Unlimited 24 Hour Support	Included
Unlimited Email Support **Unlimited Outlook/Office 365Support **Unlimited Spam filter support	Included
Unlimited 24/7/365 Technical Support **Unlimited Remote Support for All SAWPA Employees **Reactive Help Desk **Average Time to Answer Support Call – 23 Seconds **12 Month Customer Service Score of 98% **Reactive On-site (Unlimited Tier 2 Support for SAWPA IT Staff) **Domain User Account Admin **Client Portal for Ticket Entry / Review	Included
Unlimited On-Site Maintenance **Best Practice Implementation **Documentation for all locations **Recurring Issue Analysis **Proactive Deep Dive Process	Included
Antivirus (for Servers and Workstations) **Monitoring and Patching **Renewals	Included
Unlimited Security Management **Firewall Management and Patching **VPN Management **Policy Management **Intrusion Detection/Intrusion Prevention **Security Updates and Renewals	Included
Professional Services Automation System Provided **Ticketing system provided for (2) Users **Daily Ticket Assignment	Included
OpenDNS Web Filtering & Malware Protection	Included
CIO Consulting (As requested) **Business Planning and Guidance **Weekly IT Strategy and Review Meetings **Weekly Executive Team Meetings **Weekly Department Management Meetings **Monthly Key Performance Indicator Submission **Automated Software/Hardware Inventory **Voice/Data Services Review and Inventory	Included
Unlimited Toshiba Phone System Support **Unlimited Technical Support **Unlimited Telephone Programming	Included
Unlimited Vendor Management **Voice/Data Services Review and Inventory	Included
Backup and Disaster Recovery Solution, Licensing and Daily Management	\$275.00
Offsite Storage for Disaster Recovery in Certified Data Center (4.6TB @ \$.15 per GB)	\$690.00
Unlimited WordPress / Website Support (Excludes Website Structural Re-Design)	\$200.00
Price Per Regular User (Based on 25 Users @ \$80/EA)	\$1,920.00
Price Per Board of Director User (Based on 6 Users @ \$40/EA)	\$240.00
Total Price	\$3,325.00
	(\$39,900.00 Annually)

Orientation / Onboarding Plan	Rate (Mo)	Rate
No Onboarding Cost - Network Management Services Currently Provided	No Cost	No Cost
Word Press Site Onboarding - Initial Review of Word Press Site (Completed Week 1)	No Cost	No Cost
Service Description	Rate (Mo)	Rate
Desktop Support (On-Site)	\$125/Hour	\$125/Hour
Desktop Support (Remote)	Unlimited	Unlimited
Server Support	Unlimited	Unlimited
Advanced Server Support	Unlimited	Unlimited
Firewall Support	Unlimited	Unlimited
Planning and Design Services	Unlimited	Unlimited
Travel Costs	Unlimited	Unlimited
Project Related Labor Rates	\$125/Hour	\$125/Hour



IT SERVICES VENDOR SELECTION

INFORMATION TECHNOLOGY SERVICES



RECOMMENDATION

- It is recommended that the Commission authorize approval of Task order No. ACS100-11 with Accent Computer Solutions for FYE 2018/19 and 2019/20 in an amount not to exceed \$186,800.00.

BACKGROUND

- SAWPA issues a request for proposal May 15th, 2018
- Proposals were received by May 29th, 2018
- Interviews occurred on June 27th, 2018

IT SERVICES

- 24 x 7 Support including Desktop support during SAWPA business hours
- Network and Server Infrastructure
- Security
- Office 365 / Exchange
- Server management
- Onsite and Offsite Backups
- WordPress Expertise and Support
- Audio Video Experience
- Hardware Acquisition Experience using State Procurement Contracts such as NASPO
- IT Infrastructure Project

RANKING METHODOLOGY

- RFPs and Interviews ranked by 3 IT Managers within the Watershed
 - Doug McBratney – IT Manager Lake Forest
 - Michael Mouser – IT Manager WMWD
 - Dean Unger – IT Manager SAWPA
- Interviews to Top 2 Vendors

PROPOSAL SCORING SHEET

PROPOSAL		Possible Score
3 copies / Sealed Cost Sheet		5
Project Approach - Includes response to all items requested in the RFP.	Professionalism of Proposal Completeness of Proposal On-site 8 hrs, 2x per week. Initial Assessment Subcontracting	20
Scope of Services - Includes response to all items requested in the RFP.	Server Administration Desktop support Backups Application Support Strategic Planning IT Services oversight Annual audit	20
Firm Expertise & Experience - Include quality an appropriateness of references, and the firm's past experience on comparable projects.	Similar References Vmware Crystal Reports Programming Project management principles Best practices (ITIL)	20
Value Add: Wordpress, Staff augmentation		10
Local Service/Services		5
Cost		20
SUBTOTAL PROPOSAL		100

PROPOSAL RANKING SUMMARY

	Accent	Apex	Decision Consultants	Imagine	Konica	SAALEX	TPX	VPLS
Total:	277	211	209	160	167	224	113	266

INTERVIEW RANKING SHEET

INTERVIEW	Possible Score
Presentation/Impression	45
Q1-Company	5
Q2-Staff Experience	5
Q3-Similar Challenges	5
Q5-Vendor-Neutral	5
Q6-Allocation of Resources	5
Q7-Help Desk Process	5
Q8-Incident Response	5
Q9-Project Management	5
Q10-Reporting	5
Q11-Training	5
Q12-Closing Statement/Questions	5
SUBTOTAL INTERVIEW	100

Scoring Code
 0 = Not answered
 1 = Incorrect, wrong track
 2 = Poor Answer
 3 = Incomplete
 4 = Solid Answer
 5 = Excellent Answer

INTERVIEW RANKINGS

	Accent	VPLS
Total:	264	247

RECOMMENDATION

- It is recommended that the Commission authorize approval of Task order No. ACS100-11 with Accent Computer Solutions for FYE 2018/19 and 2019/20 in an amount not to exceed \$186,800.00.



SANTA ANA WATERSHED PROJECT AUTHORITY **AGREEMENT FOR SERVICES BY INDEPENDENT CONSULTANT**

This Agreement is made this **17th day of July, 2018** by and between the Santa Ana Watershed Project Authority ("SAWPA") located at 11615 Sterling Avenue, Riverside, CA, 92503 and Accent Computer Solutions, Inc. ("Consultant") whose address is 8438 Red Oak Street, Rancho Cucamonga, CA 91730.

RECITALS

This Agreement is entered into on the basis of the following facts, understandings, and intentions of the parties to this Agreement:

- SAWPA desires to engage the professional services of Consultant to perform such professional consulting services as may be assigned, from time to time, by SAWPA in writing;
- Consultant agrees to provide such services pursuant to, and in accordance with, the terms and conditions of this Agreement and has represented and warrants to SAWPA that Consultant possesses the necessary skills, qualifications, personnel, and equipment to provide such services; and
- The services to be performed by Consultant shall be specifically described in one or more written Task Orders issued by SAWPA to Consultant pursuant to this Agreement.

AGREEMENT

Now, therefore, in consideration of the foregoing Recitals and mutual covenants contained herein, SAWPA and Consultant agree to the following:

ARTICLE I

TERM OF AGREEMENT

1.01 This agreement shall become effective on the date first above written and shall continue until **June 30, 2020** unless extended or sooner terminated as provided for herein.

ARTICLE II

SERVICES TO BE PERFORMED

2.01 Consultant agrees to provide such professional consulting services as may be assigned, from time to time, in writing by the Commission and the General Manager of SAWPA. Each assignment shall be made in the form of a written Task Order. Each such Task Order shall include, but shall not be limited to, a description of the nature and scope of the services to be performed by Consultant, the amount of compensation to be paid, and the expected time of completion.

2.02 Consultant may at Consultant's sole cost and expense, employ such competent and qualified independent professional associates, subcontractors, and consultants as Consultant deems necessary to perform each assignment; provided that Consultant shall not subcontract any work to be performed without the prior written consent of SAWPA.

ARTICLE III

COMPENSATION

3.01 In consideration for the services to be performed by Consultant, SAWPA agrees to pay Consultant as provided for in each Task Order.

3.02 Each Task Order shall specify a total not-to-exceed sum of money and shall be based upon the regular hourly rates customarily charged by Consultant to its clients.

3.03 Consultant shall not be compensated for any services rendered nor reimbursed for any expenses incurred in excess of those authorized in any Task Order unless approved in advance by the Commission and General Manager of SAWPA, in writing.

3.04 Unless otherwise provided for in any Task Order issued pursuant to this Agreement, payment of compensation earned shall be made in monthly installments after receipt from Consultant of a timely, detailed, corrected, written invoice by SAWPA's Project Manager, describing, without limitation, the services performed, when such services were performed, the time spent performing such services, the hourly rate charged therefore, and the identity of individuals performing such services for the benefit of SAWPA. Such invoices shall also include a detailed itemization of expenses incurred. Upon approval by an authorized SAWPA employee, SAWPA will pay within 30 days after receipt of a valid invoice from Consultant.

ARTICLE IV

CONSULTANT OBLIGATIONS

4.01 Consultant agrees to perform all assigned services in accordance with the terms and conditions of this Agreement including those specified in each Task Order. In performing the services required by this Agreement and any related Task Order Consultant shall comply with all local, state and federal laws, rules and regulations. Consultant shall also obtain and pay for any permits required for the services it performs under this Agreement and any related Task Order.

4.02 Except as otherwise provided for in each Task Order, Consultant will supply all personnel and equipment required to perform the assigned services.

4.03 Consultant shall be solely responsible for the health and safety of its employees, agents and subcontractors in performing the services assigned by SAWPA. Consultant hereby covenants and agrees to:

4.03a Obtain a Commercial General Liability and an Automobile Liability insurance policy, including contractual coverage, with limits for bodily injury and property damage in an amount of not less than \$2,000,000.00 per occurrence for each such policy. Such policy shall name SAWPA, its officers, employees, agents and volunteers, as an additional insured, with any right to subrogation waived as to SAWPA, its officers, employees, agents and volunteers. If Commercial General Liability Insurance or other form with an aggregate limit is used, either the general aggregate limit shall apply separately to the work assigned by SAWPA under this Agreement or the general aggregate limit shall be at least twice the required occurrence limit. The coverage shall be at least as broad as Insurance Services Office Commercial General Liability Coverage (occurrence Form CG 00 01) and Insurance Services Office Form CA 00 01 covering Automobile Liability, Code 1 (any auto). The Commercial Liability Insurance shall include operations, products and completed operations, as applicable;

4.03b Obtain a policy of Professional Liability (errors and omissions) insurance appropriate to the Consultant's profession in a minimum amount of \$2,000,000.00 per claim or occurrence to cover any negligent acts or omissions or willful misconduct committed by Consultant, its employees, agents and subcontractors in the performance of any services for SAWPA. Architects' and engineers' coverage shall include contractual liability;

4.03c Obtain a policy of Employer's Liability insurance in a minimum amount of \$1,000,000.00 per accident for bodily injury and property damage.

4.03d Provide worker's compensation insurance or a California Department of Insurance-approved self-insurance program in an amount and form required by the State of California and the Employer's Liability Insurance that meets all applicable Labor Code requirements, covering all persons or entities providing services on behalf of the Consultant and all risks to such persons or entities;

4.03e Consultant shall require any subcontractor that Consultant uses for work performed for SAWPA under this Agreement or related Task Order to obtain the insurance coverages specified above.

4.03f Consultant hereby agrees to waive subrogation which any insurer of Consultant may seek to require from Consultant by virtue of the payment of any loss. Consultant shall obtain an endorsement that may be necessary to give effect to this waiver of subrogation. In addition, the Workers Compensation policy shall be endorsed with a waiver of subrogation in favor of SAWPA for all work performed by Consultant, and its employees, agents and subcontractors.

All such insurance policy or policies shall be issued by a responsible insurance company with a minimum A. M. Best Rating of "A-" Financial Category "X", and authorized and admitted to do business in, and regulated by, the State of California. If the insurance company is not admitted in the State of California, it must be on the List of Eligible Surplus Line Insurers (LESLI), shall have a minimum A.M. Best Rating of "A", Financial Category "X", and shall be domiciled in the United States, unless otherwise approved by SAWPA in writing. Each such policy of insurance shall expressly provide that it shall be primary and noncontributory with any policies carried by SAWPA and, to the extent obtainable, such coverage shall be payable notwithstanding any act of negligence of SAWPA that might otherwise result in forfeiture of coverage. Evidence of all insurance coverage shall be provided to SAWPA prior to issuance of the first Task Order. Such policies shall provide that they shall not be canceled or amended without 30 day prior written notice to SAWPA. Consultant acknowledges and agrees that such insurance is in addition to Consultant's obligation to fully indemnify and hold SAWPA free and harmless from and against any and all claims arising out of an injury or damage to property or persons caused by the negligence, recklessness, or willful misconduct of Consultant in performing services assigned by SAWPA.

4.04 Consultant hereby covenants and agrees that SAWPA, its officers, employees, and agents shall not be liable for any claims, liabilities, penalties, fines or any damage to property, whether real or personal, nor for any personal injury or death caused by, or resulting from, or claimed to have been caused by or resulting from, any negligence, recklessness, or willful misconduct of Consultant. Consultant shall hold harmless, defend and indemnify SAWPA and its officers, employees, agents and volunteers from and against any and all liability, loss, damage, fines, penalties, expense and costs, including, without limitation, attorneys' fees and litigation expenses and costs, of every nature arising out of or related to Consultant's negligence, recklessness, or willful misconduct related to or arising from the performance of the work required under this Agreement and any related Task Order or Consultant's failure to comply with any of its obligations contained in this Agreement and any related Task Order, except as to such loss or damage which was caused by the active negligence or willful misconduct of SAWPA.

4.05 In the event that SAWPA requests that specific employees or agents of Consultant supervise or otherwise perform the services specified in each Task Order, Consultant shall ensure that such individual(s) shall be appointed and assigned the responsibility of performing the services.

4.06 In the event Consultant is required to prepare plans, drawings, specifications and/or estimates, the same shall be furnished with a registered professional engineer's number and shall conform to local, state and federal laws, rules and regulations. Consultant shall obtain all necessary permits and approvals in connection with this Agreement, any Task Order or Change Order. However, in the event SAWPA is required to obtain such an approval or permit from another governmental entity, Consultant shall provide all necessary supporting documents to be filed with such entity, and shall facilitate the acquisition of such approval or permit.

ARTICLE V

SAWPA OBLIGATIONS

5.01 SAWPA shall:

5.01a Furnish all existing studies, reports and other available data pertinent to each Task Order that are in SAWPA's possession;

5.01b Designate a person to act as liaison between Consultant and the General Manager and Commission of SAWPA.

ARTICLE VI

ADDITIONAL SERVICES, CHANGES AND DELETIONS

6.01 During the term of this Agreement, the Commission of SAWPA may, from time to time and without affecting the validity of this Agreement or any Task Order issued pursuant thereto, order changes, deletions, and additional services by the issuance of written Change Orders authorized and approved by the Commission of SAWPA.

6.02 In the event Consultant performs additional or different services than those described in any Task Order or authorized Change Order without the prior written approval of the Commission of SAWPA, Consultant shall not be compensated for such services.

6.03 Consultant shall promptly advise SAWPA as soon as reasonably practicable upon gaining knowledge of a condition, event, or accumulation of events, which may affect the scope and/or cost of services to be provided pursuant to this Agreement. All proposed changes, modifications, deletions, and/or requests for additional services shall be reduced to writing for review and approval or rejection by the Commission of SAWPA.

6.04 In the event that SAWPA orders services deleted or reduced, compensation shall be deleted or reduced by a comparable amount as determined by SAWPA and Consultant shall only be compensated for services actually performed. In the event additional services are properly authorized, payment for the same shall be made as provided in Article III above.

ARTICLE VII

CONSTRUCTION PROJECTS: CONSULTANT CHANGE ORDERS

7.01 In the event SAWPA authorizes Consultant to perform construction management services for SAWPA, Consultant may determine, in the course of providing such services, that a Change Order should be issued to the construction contractor, or Consultant may receive a request for a Change Order from the construction contractor. Consultant shall, upon receipt of any requested Change Order or upon gaining knowledge of any condition, event, or accumulation of events, which may necessitate issuing a Change Order to the construction contractor, promptly consult with the liaison, General Manager and Commission of SAWPA. No Change Order shall be issued or executed without the prior approval of the Commission of SAWPA.

ARTICLE VIII

TERMINATION OF AGREEMENT

8.01 In the event the time specified for completion of an assigned task in a Task Order exceeds the term of this Agreement, the term of this Agreement shall be automatically extended for such additional time as is necessary to complete such Task Order and thereupon this Agreement shall automatically terminate without further notice.

8.02 Notwithstanding any other provision of this Agreement, SAWPA, at its sole option, may terminate this Agreement at any time by giving a 10-day written notice to Consultant, whether or not a Task Order has been issued to Consultant.

8.03 In the event of termination, the payment of monies due Consultant for work performed prior to the effective date of such termination shall be paid after receipt of an invoice as provided in this Agreement.

ARTICLE IX

CONSULTANT STATUS

9.01 Consultant shall perform the services assigned by SAWPA in Consultant's own way as an independent contractor, in pursuit of Consultant's independent calling and not as an employee of SAWPA. Consultant shall be under the control of SAWPA only as to the result to be accomplished and the personnel assigned to perform services. However, Consultant shall regularly confer with SAWPA's liaison, General Manager, and Commission as provided for in this Agreement.

9.02 Consultant hereby specifically represents and warrants to SAWPA that the services to be rendered pursuant to this Agreement shall be performed in accordance with the standards customarily applicable to an experienced and competent professional consulting organization rendering the same or similar services. Furthermore, Consultant represents and warrants that the individual signing this Agreement on behalf of Consultant has the full authority to bind Consultant to this Agreement.

ARTICLE X
AUDIT AND OWNERSHIP OF DOCUMENTS

10.01 All draft and final reports, plans, drawings, specifications, data, notes, and all other documents of any kind or nature prepared or developed by Consultant in connection with the performance of services assigned to it by SAWPA are the sole property of SAWPA, and Consultant shall promptly deliver all such materials to SAWPA. Consultant may retain copies of the original documents, at its option and expense. Use of such documents by SAWPA for project(s) not the subject of this Agreement shall be at SAWPA's sole risk without legal liability or exposure to Consultant. SAWPA agrees to not release any software "code" without prior written approval from the Consultant.

10.02 Consultant shall retain and maintain, for a period not less than four years following termination of this Agreement, all time records, accounting records, and vouchers and all other records with respect to all matters concerning services performed, compensation paid and expenses reimbursed. At any time during normal business hours and as often as SAWPA may deem necessary, Consultant shall make available to SAWPA's agents for examination of all such records and will permit SAWPA's agents to audit, examine and reproduce such records.

ARTICLE XI
MISCELLANEOUS PROVISIONS

11.01 This Agreement supersedes all previous agreements, either oral or written, between the parties hereto with respect to the rendering of services by Consultant for SAWPA and contains all of the covenants and agreements between the parties with respect to the rendering of such services in any manner whatsoever. Any modification of this Agreement will be effective only if it is in writing signed by both parties.

11.02 Consultant shall not assign or otherwise transfer any rights or interest in this Agreement without the prior written consent of SAWPA. Unless specifically stated to the contrary in any written consent to an assignment, no assignment will release or discharge the assignor from any duty or responsibility under this Agreement.

11.03 In the event Consultant is an individual person and dies prior to completion of this Agreement or any Task Order issued hereunder, any monies earned that may be due Consultant from SAWPA as of the date of death will be paid to Consultant's estate.

11.04 Time is of the essence in the performance of services required hereunder. Extensions of time within which to perform services may be granted by SAWPA if requested by Consultant and agreed to in writing by SAWPA. All such requests must be documented and substantiated and will only be granted as the result of unforeseeable and unavoidable delays not caused by the lack of foresight on the part of Consultant.

11.05 Consultant shall comply with all local, state and federal laws, rules and regulations including those regarding nondiscrimination and the payment of prevailing wages.

11.06 SAWPA expects that Consultant will devote its full energies, interest, abilities and productive time to the performance of its duties and obligations under this Agreement, and shall not engage in any other consulting activity that would interfere with the performance of Consultant's duties under this Agreement or create any conflicts of interest. If required by law, Consultant shall file a Conflict of Interest Statement with SAWPA.



**SANTA ANA WATERSHED PROJECT AUTHORITY
TASK ORDER NO. ACS100-11**

CONSULTANT: Accent Computer Solutions, Inc. **VENDOR NO.** 1842
8438 Red Oak Street
Rancho Cucamonga, CA 91730

COST: **\$186,800.00**

PAYMENT: Upon Receipt of Proper Invoice

REQUESTED BY: Dean Unger July 17, 2018
Manager of Information Services & Technology

FINANCE: _____
Karen Williams, CFO Date

FINANCING SOURCE: Acct. Coding 100-00-60121-04
Acct. Description General Consulting

COMMISSION AUTHORIZATION REQUIRED: YES (X) NO ()
Authorization: July 17, 2018; CM#2018.78

This Task Order is issued upon approval and acceptance by the Santa Ana Watershed Project Authority (SAWPA) and Accent Computer Solutions, Inc. (Consultant) pursuant to the Agreement for Services between SAWPA and Consultant, entered into on July 17, 2018, expiring June 30, 2020.

I. PROJECT NAME OR DESCRIPTION

IT Services

II. SCOPE OF WORK / TASKS TO BE PERFORMED

Consultant shall provide all labor, materials, and equipment for IT Support including backups, offsite storage, server licensing, application vendor support and special projects as needed.

II. PERFORMANCE TIME FRAME



Consultant shall begin work August 1, 2018 and shall complete performance of such services by **June 30, 2020.**

III. SAWPA LIAISON

Dean Unger and/or Jerry Oldenburg shall serve as liaison between SAWPA and Consultant.

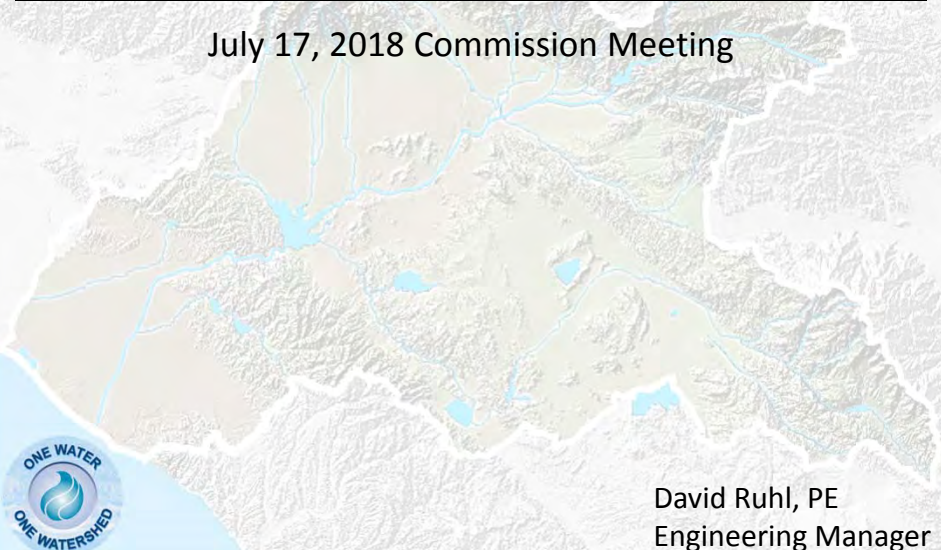

IV. COMPENSATION

For all services rendered by Consultant pursuant to this Task Order, Consultant shall receive a total not-to-exceed sum of **\$186,800.00**. Payment for such services shall be made within 30 days upon SAWPA's receipt of timely and proper invoices from Consultant, as required by the above-mentioned Agreement:

Proposition 84 Projects Status Update

July 17, 2018 Commission Meeting

David Ruhl, PE
Engineering Manager

Proposition 84 Project Status



Round	No. of Proponents	Projects Complete	Grant Amount	Total Cost
Round 1	13	9	\$12M	\$260M
Round 2	18	3	\$14.5M	\$152M
Drought Round	9	0	\$12M	\$23M
2015 Round	7	0	\$61M	\$302M



Projected Watershed-Wide Benefits of All Four Rounds of OWOW Prop 84 IRWM Projects

- Reduces water demand by 18,000 AFY representing 36,000 households
- Recharges 180,000 AF of additional imported water
- Produces 18,000 AFY of desalted groundwater
- Removes 29,000 tons of salt from groundwater per year
- Creates 11,000 AFY of additional recycled water
- Captures 44,000 AFY of stormwater for beneficial use
- Restores 3,800 acres of environmental habitat
- Reduces nonpoint source pollution by 29,000 pounds per year
- Reduces flood risk damage by \$91 million
- Creates about 11,000 construction related jobs

Round 1 Projects

(August 2011 – June 2019)

Proposition 84 Round 1 Project Status Update

Project Name	Agency	Grant Amount	Required Funding Match	Add'l Cost Share	Total Project Cost	% Grant Billed	% Construct. Complete	% Project Complete
Grant Agreement Administration	SAWPA	\$ 660,004	\$ 0 0.00%	\$ 0	\$ 660,004	68%	N/A	68%
GWRS Flow Equalization	OCWD	\$ 1,000,000	\$ 1,180,760 7.67%	\$ 13,218,920 ¹	\$ 15,683,558	100%	100%	100%
Sludge, Dewatering, Odor Control & Primary Sludge Thickening	OCSD	\$ 1,000,000	\$ 36,638,218 26.00%	\$ 103,278,005	\$ 140,916,223	100%	96.6%	96.6%
Santa Ana Watershed Vireo Monitoring	SAWA	\$ 600,000	\$ 225,994 26.00%	\$ 43,213	\$ 869,207	100%	100%	100%
Mill Creek Wetlands	Ontario	\$ 1,000,000	\$ 1,615,000 8.85%	\$ 15,635,000	\$ 18,250,000 ²	100%	100%	100%

¹ \$ 13,218,920 in Other State Funds

² \$ 15,420,000 in Other State Funds

Green – Project on schedule or ahead of schedule

Yellow/Green – Delay experienced, but will finish prior to Grant completion date.

Yellow – Project delay experienced, not on schedule per the Agreement, unsure if project will complete on time.

Orange/Red – Project behind schedule, unsure if project will complete on time, or not enough information known at this time to determine.

Proposition 84 Round 1 Project Status Update

Project Name	Agency	Grant Amount	Required Funding Match	Add'l Cost Share	Total Project Cost	% Grant Billed	% Constr. Complete	% Project Complete
Cactus Basin	SBCFCD	\$ 1,000,000	\$ 4,427,155 29.96%	\$ 9,350,026	\$ 14,777,181	100%	100%	97%
Inland Empire Brine Line Rehabilitation / Enhancement	SAWPA	\$ 1,000,000	\$ 698,153 10.07%	\$ 5,234,576 ³	\$ 6,932,729	100%	100%	100%
Arlington Desalter Interconnection Project	Corona	\$ 400,000	\$ 350,493 26.00%	\$ 597,556	\$ 1,348,049	100%	100%	100%
Perris II Desalination Facility	EMWD	\$ 1,000,000	\$ 607,296 26.00%	\$ 728,456	\$ 2,335,752	100%	100%	100%
Perchlorate Wellhead Treatment System Pipelines	WVWD	\$ 1,000,000	\$ 368,940 26.00%	\$ 50,060	\$ 1,419,000	100%	100%	100%

³ \$ 5,234,576 in Other State Funds

⁴ \$ 9,956,000 in Other State Funds

Green – Project on schedule or ahead of schedule

Yellow/Green – Delay experienced, but will finish prior to Grant completion date.

Yellow – Project delay experienced, not on schedule per the Agreement, unsure if project will complete on time.

Orange/Red – Project behind schedule, unsure if project will complete on time, or not enough information known at this time to determine.

Proposition 84 Round 1 Project Status Update

Project Name	Agency	Grant Amount	Required Funding Match	Add'l Cost Share	Total Project Cost	% Grant Billed	% Constr. Complete	% Project Complete
Chino Creek Wellfield Development Project	WMWD	\$ 1,000,000	\$ 1,646,091 26.00%	\$ 3,685,027	\$ 6,331,118	100%	99%	97%
Impaired Groundwater Recovery	IRWD	\$ 1,000,000	\$ 20,148,848 53.99%	\$ 16,173,122	\$ 37,321,970	100%	100%	100%
Alamitos Barrier Improvement Project	OCWD	\$ 1,000,000	\$ 650,600 5.61%	\$ 9,956,000 ⁴	\$ 11,606,600	100%	85%	85%
Arlington Basin Water Quality Improv Project	WMWD	\$ 1,000,000	\$ 900,000 33.21%	\$ 809,670	\$ 2,709,670	16.9%	0%	57%
Total		\$ 12,660,004	\$ 69,457,548 26.62%	\$ 179,419,635	\$ 261,537,187	92%		93%

³ \$ 5,234,576 in Other State Funds

⁴ \$ 9,956,000 in Other State Funds

Green – Project on schedule or ahead of schedule

Yellow/Green – Delay experienced, but will finish prior to Grant completion date.

Yellow – Project delay experienced, not on schedule per the Agreement, unsure if project will complete on time.

Orange/Red – Project behind schedule, unsure if project will complete on time, or not enough information known at this time to determine.

Round 2 Projects

(February 2014 – December 2020)

Proposition 84 Round 2 Project Status Update

Project Name	Agency	Grant Amount	Required Funding Match	Add'l Cost Share	Total Project Cost	% Grant Billed	% Constr. Complete	% Project Complete
Grant Agreement Administration	SAWPA	\$ 627,405	\$ 0 0.00%	\$ 0	\$ 625,310	59%	N/A	59%
Perris Desalination Program Well 94	EMWD	\$ 1,000,000	\$ 0 0.00%	\$ 9,238,280	\$ 10,238,280	0%	2%	66%
Quail Valley Subarea 9 Phase I Sewer System	EMWD	\$ 1,930,000	\$ 2,960,000 37.00%	\$ 3,110,000	\$ 8,000,000	25%	10%	49%
Forest First	USFS	\$ 1,000,000	\$ 2,055,039 37.00%	\$ 2,499,121	\$ 5,554,160	2%	50%	49%
Wineville Regional Recycled Wtr Pipeline/GW Recharge System Upgrades	IEUA	\$ 1,000,000	\$ 0 0.00%	\$ 29,500,000 ¹	\$ 30,500,000	100%	100%	99%

¹ \$29,500,000 in Other State Funds

Green – Project on schedule or ahead of schedule

Yellow/Green – Delay experienced, but will finish prior to Grant completion date.

Yellow – Project delay experienced, not on schedule per the Agreement, unsure if project will complete on time.

Orange/Red – Project behind schedule, unsure if project will complete on time, or not enough information known at this time to determine.

Proposition 84 Round 2 Project Status Update

Project Name	Agency	Grant Amount	Required Funding Match	Add'l Cost Share	Total Project Cost	% Grant Billed	% Constr. Complete	% Project Complete
Plunge Creek Water Recharge and Habitat Improvement	SBVWCD	\$ 500,000	\$ 184,731 26.00%	\$ 25,769	\$ 710,500	28%	0%	50%
Prado Basin Sediment Mgmt Demonstration Project	OCWD	\$ 750,000	\$ 2,910,050 37.00%	\$ 4,204,950	\$ 7,865,000	0%	0%	25%
San Sevaine GW Recharge Basin	IEUA	\$ 750,000	\$ 925,001 32.34%	\$ 1,184,999	\$ 2,860,000	100%	22%	78%
Corona/Home Gardens Multi-Jurisdictional Wtr Transmission Line	Corona	\$ 1,300,000	\$ 2,327,494 37.00%	\$ 2,663,031	\$ 6,290,525	100%	37%	85%
Enhanced SW Capture/Recharge Along the SAR	SBVMWD	\$ 1,000,000	\$ 11,581,000 37.00%	\$ 18,719,000	\$ 31,300,000	70%	32%	35%

Green – Project on schedule or ahead of schedule

Yellow/Green – Delay experienced, but will finish prior to Grant completion date.

Yellow – Project delay experienced, not on schedule per the Agreement, unsure if project will complete on time.

Orange/Red – Project behind schedule, unsure if project will complete on time, or not enough information known at this time to determine.

Proposition 84 Round 2 Project Status Update

Project Name	Agency	Grant Amount	Required Funding Match	Add'l Cost Share	Total Project Cost	% Grant Billed	% Constr. Complete	% Project Complete
Regional Residential Landscape Retrofit	IEUA	\$ 500,000	\$ 370,000 37.00%	\$ 130,000	\$ 1,000,000	91%	N/A	95%
Canyon Lake Hybrid Treatment Process	LESJWA	\$ 500,000	\$ 327,635 37.00%	\$ 57,865	\$ 885,500	100%	100%	100%
Customer Handbook to Using Water Efficiently	WMWD	\$ 120,000	\$ 42,000 25.93%	\$ 0	\$ 162,000	67%	N/A*	95%
Lower Day Basin	IEUA	\$ 750,000	\$ 917,599 37.00%	\$ 812,401	\$ 2,480,000	0%	0%	49%
CII Performance Based WUE Program	MWDOC	\$ 500,000	\$ 898,179 37.00%	\$ 1,029,333	\$ 2,427,512	100%	N/A*	63%

*Project does not include construction, but rather implementation of a plan.

Green – Project on schedule or ahead of schedule

Yellow/Green – Delay experienced, but will finish prior to Grant completion date.

Yellow – Project delay experienced, not on schedule per the Agreement, unsure if project will complete on time.

Orange/Red – Project behind schedule, unsure if project will complete on time, or not enough information known at this time to determine.

Proposition 84 Round 2 Project Status Update

Project Name	Agency	Grant Amount	Required Funding Match	Add'l Cost Share	Total Project Cost	% Grant Billed	% Constr. Complete	% Project Complete
Peters Canyon Channel Water Capture and Reuse Pipeline	Irvine	\$ 1,000,000	\$ 3,211,086 37.00%	\$ 4,467,523	\$ 8,678,609	100%	100%	100%
Soboba Band of Luiseno Indians Wastewater Project	Soboba	\$ 147,905	\$ 53,000 26.11%	\$ 0	\$ 200,905	100%	N/A*	100%
Recycled Water Project Phase I	Riverside	\$ 1,000,000	\$ 8,030,000 37.00%	\$ 12,670,000	\$ 21,700,000	50%	35%	40%
Wilson III Basins Project and Wilson Basins/ Spreading Grounds	Yucaipa	\$ 750,000	\$ 4,825,807 37.00%	\$ 7,466,914	\$ 13,042,721	0%	0%	50%
Total		\$ 15,125,310	\$ 41,618,621 26.93%	\$ 97,151,781	\$ 154,523,117	57%		68%

*Project does not include construction, but rather implementation of a plan.

Green – Project on schedule or ahead of schedule

Yellow/Green – Delay experienced, but will finish prior to Grant completion date.

Yellow – Project delay experienced, not on schedule per the Agreement, unsure if project will complete on time.

Orange/Red – Project behind schedule, unsure if project will complete on time, or not enough information known at this time to determine.

Drought Round Projects

(January 2014 – June 2019)

Proposition 84 Drought Round Project Status Update

Project Name	Agency	Grant Amount	Required Funding Match	Add'l Cost Share	Total Project Cost	% Grant Billed	% Project Complete
Grant Agreement & Project Agreement 22 Administration	SAWPA	\$ 1,244,852	\$ 0 0.00%	\$ 0	\$ 1,244,852	70%	81%
Conserv. Based Report Tools/Rate Structure	SAWPA	\$ 5,190,824	\$ 0 0.00%	\$ 0	\$ 5,190,824	55%	65%
High Visibility Turf Removal & Retrofit SARW	EMWD	\$ 1,505,129	\$ 1,212,770	\$ 600,830	\$ 3,318,729	3%	100%
	IEUA	\$ 1,147,564	\$ 1,080,050	\$ 535,077	\$ 2,762,691	100%	100%
	OCWD	\$ 880,894	\$ 1,178,123	\$ 583,666	\$ 2,642,683	1%	82%
	SBVMWD	\$ 828,499	\$ 1,108,049	\$ 548,949	\$ 2,485,497	0%	35%
	WMWD	\$ 981,243	\$ 1,138,467	\$ 564,019	\$ 2,683,729	60%	94%
	Unallocated	\$ 83,605	\$ 0	\$ 0	\$ 83,605	0%	N/A
High Visibility Turf Removal & Retrofit USMW	EMWD	\$ 420,000	\$ 561,715	\$ 278,285	\$ 1,260,000	0%	28%
	WMWD	\$ 52,500	\$ 70,214	\$ 34,786	\$ 157,500	0%	0%
	RCWD	\$ 525,000	\$ 702,145	\$ 447,855	\$ 1,675,000	100%	100%
Total		\$ 12,860,110	\$ 7,051,533 31.23%	\$ 3,593,467	\$ 23,505,110	49%	68%

Green – Project on schedule or ahead of schedule

Yellow/Green – Delay experienced, but will finish prior to Grant completion date.

Yellow – Project delay experienced, not on schedule per the Agreement, unsure if project will complete on time.

Orange/Red – Project behind schedule, unsure if project will complete on time, or not enough information known at this time to determine.

2015 Round Projects

(January 2014 – December 2021)

Proposition 84 2015 Round Project Status Update

Project Name	Agency	Grant Amount	Required Funding Match	Add'l Cost Share	Total Project Cost	% Grant Billed	% Constr. Complete	% Project Complete
Grant Agreement Admin.	SAWPA	\$ 3,213,384	\$ 0 0.00%	\$ 0	\$ 3,213,384	14%	N/A	15%
Newhope – Placentia Trunk Sewer Replacement Project	OCSD	\$ 1,000,000	\$ 32,033,600 28.60%	\$ 78,966,400	\$ 112,000,000	100%	30%	54%
Integrated Watershed Protection Program	RCFCWCD	\$ 5,054,302	\$ 8,000,000 28.69%	\$ 10,541,525	\$ 27,886,525	1%	0%	20%
SARCCUP	Member Agencies	\$ 55,000,000	\$ 48,689,464 29.86%	\$ 46,503,382	\$ 162,298,213	5.4%	0%	4%
Total		\$ 64,267,686	\$ 88,723,064 29.05%	\$ 152,407,371	\$ 305,398,121	30%	10%	23%

Green – Project on schedule or ahead of schedule

Yellow/Green – Delay experienced, but will finish prior to Grant completion date.

Yellow – Project delay experienced, not on schedule per the Agreement, unsure if project will complete on time.

Orange/Red – Project behind schedule, unsure if project will complete on time, or not enough information known at this time to determine.

A Closer Look

Round 2

- Quail Valley Subarea 9 – Phase I Sewer System Project (EMWD)
- Corona/Home Gardens Multi-Jurisdictional Water Transmission Line (City of Corona)
- Enhanced Stormwater Capture and Recharge along the Santa Ana River (SBVMWD)
- Recycled Water Project Phase I (City of Riverside)

Quail Valley Subarea 9 – Phase I Sewer System Project (EMWD)



Quail Valley Subarea 9 – Phase I Sewer System Project (EMWD)

- Description: Install a sewer collection system to replace 149 failing septic systems within the Quail Valley community.
- Overall Percent Complete: 49%
- Estimated Completion: January 2019
- Benefits: Approximately 44 acre-feet of septic effluent will be diverted annually from entering the shallow groundwater and/or migrating to Canyon Lake.
- Remaining Work
 - Lift Station: substantial completion within the next week or two; plan on using that sewer within 30 days.
 - Sewer: 146/149 agreements from residents to close up septic and connect to sewer; Vista sewer line was taken to the end; main trunk sewer going well

Corona/Home Gardens Multi-Jurisdictional Water Transmission Line (City of Corona)



Corona/Home Gardens Multi-Jurisdictional Water Transmission Line (City of Corona)

- Description: Construct approximately 14,000 LF of 24" pipeline from Home Gardens County Water District well site to City of Corona Department of Water and Power comprehensive well collection system and nitrate removal system (ion exchange facility).
- Overall Percent Complete: 85%
- Estimated Completion: June 2020
- Benefits: Treat approximately 1,600 acre-feet of water per year to serve approximately 10,000 people.
- Remaining Work: install combination air vacuum, blow-off, chlorinate, and BAC-T

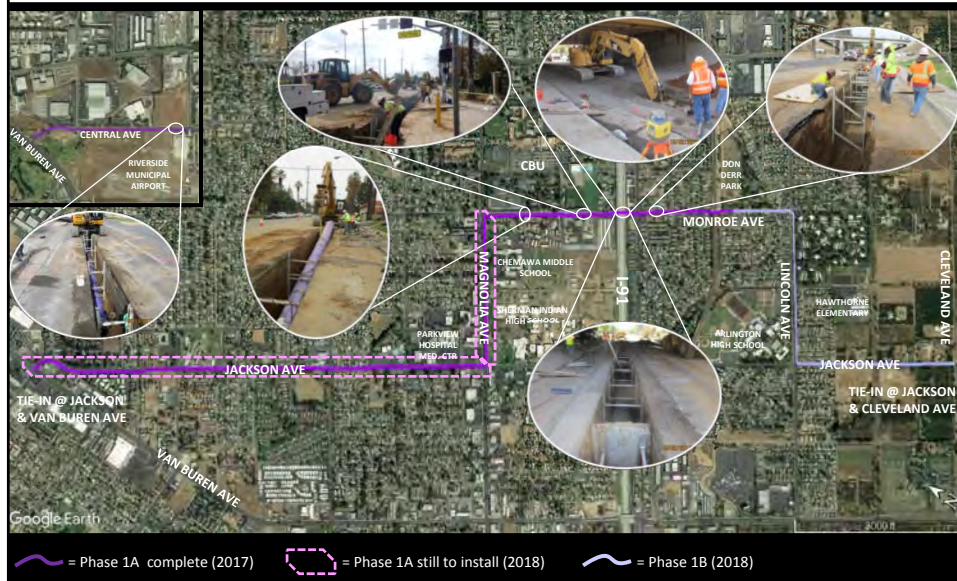
Enhanced Stormwater Capture and Recharge along the SAR (SBVMWD)



Enhanced Stormwater Capture and Recharge along the SAR (SBVMWD)

- Description: Improvements to existing diversion and recharge facilities, including adding a debris removal system and rubber dam gate at the intake and constructing a new sedimentation basin, canal, pipeline, and recharge basins.
- Overall Percent Complete: 35%
- Estimated Completion: December 2019
- Benefits: Divert and recharge up to 80,000 AF in a single year and 500 cfs instantaneous flow.
- Remaining Work: Portion of Phase I, all of Phase II.

Recycled Water Project Phase I (City of Riverside)



Recycled Water Project Phase I (City of Riverside)

- Description: Install 44,000 LF of recycled water pipelines and a booster pump station.
- Overall Percent Complete: 40%
- Estimated Completion: March 2020
- Benefits: Provide up to 8,600 AFY of new water supply to the region.
- Remaining Work: Portion of Phase 1A, all of Phase 1B.

Thank You

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COMMISSION MEMORANDUM NO. 2018.79

DATE: July 17, 2018

TO: SAWPA Commission

SUBJECT: SAWPA Position on SB 623 or Other Proposed Water Tax or Public Goods Charge

PREPARED BY: Larry McKenney

RECOMMENDATION

Consider adopting a position on SB 623 or other proposed water tax or public goods charge on retail water bills.

DISCUSSION

SB623 (Monning) proposes to create a fund to pay for solutions to the State's challenges related to ensuring access to safe and sufficient water service to disadvantaged communities. The bill proposes to supply money to this fund by imposing a fee on fertilizers, a fee on dairies, and a charge on urban retail water connections. The urban retail charge would be a tax, and would therefore require a two-thirds vote of the legislature.

Earlier this year, the Governor proposed budget trailer bill language that mirrored the water tax provisions in the Monning bill. It now appears that the budget trailer bill will not move forward, but that could change when the legislature returns from the August recess. The Monning bill has not progressed according to required legislative calendar deadlines but could still conceivably move if a rules waiver were granted.

Eastern Municipal Water District, in partnership with the California Urban Water Agencies, has sponsored AB2050 (Caballero) that provides an important component of an alternative strategy to address the problem of small, noncompliant water systems. The SAWPA Commission adopted a "support" position for AB2050 and SAWPA has communicated its position through letters as appropriate.

The water tax is being strongly opposed by ACWA and many of its members. Opposition is based on concern that the urban retail water tax is not an equitable method of cost-sharing the identified expenses, that the needs assessment is flawed, that implementation of the State's human right to water is an appropriate use of the General Fund, and that the plan to use the revenue will be inefficient and inequitable. Proponents of the tax argue that some water systems lack the financial capacity to ensure the human right to water because they are too poor, too small, or both, and that the urban retail charge would be a small impact on ratepayers.

Water agencies are also concerned that the proposed water tax could be a first step in a longer-term strategy by some in Sacramento to address issues related to implementing the State's human right to water. Some fear that, once any such tax is approved, there will be strong pressure to increase it to fund other programs not described by SB623, including a potential program to assure water rates affordability (per AB401 (Dodd) (2015)), or the implementation of some programs envisioned in the California Water Plan 2018 Update (still in draft).

CRITICAL SUCCESS FACTORS

Not applicable.

RESOURCE IMPACTS

None.

Santa Ana Watershed Project Authority
Cash Transaction Report
Month of May 2018

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	\$	2,977,769.05
Net Investment Transfers		888,615.31
Cash Disbursements		<u>(3,195,544.74)</u>
Net Change for Month	\$	670,839.62
Balance at Beginning of Month		<u>2,570,474.75</u>
Balance at End of Month per General Ledger	\$	<u><u>3,241,314.37</u></u>
Collected Balance per Bank Statement	\$	3,697,432.99

ACCOUNTS PAYABLE RECONCILIATION

Accounts Payable Balance @ 04/30/18	\$	4,762,404.81
Invoices Received for May 2018		945,094.88
Invoices Paid by check/wire during May 2018 (see attached register)		<u>(2,952,648.97)</u>
Accounts Payable Balance @ 05/31/18	\$	<u><u>2,754,850.72</u></u>

CASH RECEIPTS

Brine Line Operating Revenues	\$ 894,307.11
Other Grant Funds (DAC Grant)	128,750.57
Participant Fees	142,510.50
LESJWA Admin Reimbursement	14,175.07
Grant Proceeds - Prop 84	218,977.68
Grant Proceeds - Prop 84 Pass-throughs	1,442,707.53
Grant Proceeds - Prop 1 DACI	132,004.05
Other	<u>4,336.54</u>
Total Receipts and Deposits	\$ 2,977,769.05

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>888,615.31</u>
Total Investment Transfers	\$ 888,615.31

CASH DISBURSEMENTS

By Check:	
Payroll	\$ 730.80
Operations	<u>2,952,648.97</u>
Total Checks Drawn	\$ 2,953,379.77
By Cash Transfer:	
Payroll	\$ 159,860.37
Payroll Taxes	75,651.30
Take Care (AFLAC)	<u>6,653.30</u>
Total Cash Transfers	\$ 242,164.97
Total Cash Disbursements	<u><u>\$ 3,195,544.74</u></u>

Santa Ana Watershed Project Authority
Check Detail
May-18

Category	Check #	Check Date	Type	Vendor	Check Amount
Auto Expense	3120	5/17/2018	CHK	County of Riverside	\$ 656.92
Auto Expense	3125	5/17/2018	CHK	County of Riverside/Transportation	\$ 318.14
Auto Expense	3140	5/25/2018	CHK	Riverside Transmission Center	\$ 101.30
Auto Expense	3150	5/31/2018	CHK	County of Riverside/Transportation	\$ 388.75
Auto Expense Total					\$ 1,465.11
Benefits	3095	5/2/2018	CHK	WageWorks	\$ 140.00
Benefits	3102	5/11/2018	CHK	ACWA/JPIA	\$ 49,977.62
Benefits	3105	5/11/2018	CHK	Cal PERS Long Term Care Program	\$ 102.04
Benefits	3107	5/11/2018	CHK	State Compensation Ins Fund	\$ 4,953.75
Benefits	3116	5/17/2018	CHK	AFLAC	\$ 560.55
Benefits	3123	5/17/2018	CHK	WageWorks	\$ 140.00
Benefits	3133	5/25/2018	CHK	Cal PERS Long Term Care Program	\$ 102.04
Benefits	3139	5/25/2018	CHK	Mutual Of Omaha	\$ 2,901.93
Benefits	EFT01936	5/11/2018	CHK	Vantagepoint Transfer Agents	\$ 6,290.56
Benefits	EFT01942	5/11/2018	CHK	Vantagepoint Transfer Agents	\$ 338.46
Benefits	EFT01969	5/25/2018	CHK	Vantagepoint Transfer Agents	\$ 6,311.08
Benefits	EFT01976	5/25/2018	CHK	Vantagepoint Transfer Agents	\$ 338.46
Benefits	P033455	5/11/2018	WDL	Public Employees' Retirement	\$ 18,037.45
Benefits	P033592	5/24/2018	WDL	Public Employees' Retirement	\$ 18,280.68
Benefits	WDL000004446	5/1/2018	WDL	Takecare	\$ 2,995.40
Benefits	WDL000004447	5/2/2018	WDL	Takecare	\$ 43.93
Benefits	WDL000004456	5/7/2018	WDL	Takecare	\$ 125.80
Benefits	WDL000004457	5/8/2018	WDL	Takecare	\$ 267.91
Benefits	WDL000004461	5/14/2018	WDL	Takecare	\$ 92.15
Benefits	WDL000004463	5/15/2018	WDL	Takecare	\$ 740.72
Benefits	WDL000004468	5/17/2018	WDL	Takecare	\$ 68.22
Benefits	WDL000004469	5/18/2018	WDL	Takecare	\$ 139.39
Benefits	WDL000004474	5/22/2018	WDL	Takecare	\$ 4.10
Benefits	WDL000004475	5/23/2018	WDL	Takecare	\$ 394.94
Benefits	WDL000004478	5/16/2018	WDL	Takecare	\$ 1,093.22
Benefits	WDL000004479	5/25/2018	WDL	Takecare	\$ 292.16
Benefits	WDL000004480	5/29/2018	WDL	Takecare	\$ 25.00
Benefits	WDL000004483	5/30/2018	WDL	Takecare	\$ 370.36
Benefits Total					\$ 115,127.92
Building Lease	3152	5/31/2018	CHK	Wilson Property Services, Inc	\$ 1,386.00
Building Lease Total					\$ 1,386.00
Computer Hardware	3099	5/2/2018	CHK	Dell EMC	\$ 3,468.71
Computer Hardware Total					\$ 3,468.71
Construction	3097	5/2/2018	CHK	Miller Spatial Services Inc	\$ 20,865.64
Construction Total					\$ 20,865.64
Consulting	3112	5/11/2018	CHK	RBI Traffic	\$ 4,500.00
Consulting	3121	5/17/2018	CHK	RBI Traffic	\$ 8,800.00
Consulting	3126	5/17/2018	CHK	The Technology Depot	\$ 67.50
Consulting	3129	5/17/2018	CHK	Traffic Control Engineering	\$ 32,000.00
Consulting	3138	5/25/2018	CHK	Nicolay Consulting Group	\$ 4,800.00
Consulting	3151	5/31/2018	CHK	Scheevel Engineering	\$ 2,562.50
Consulting	EFT01929	5/2/2018	CHK	West Coast Advisors	\$ 11,500.00
Consulting	EFT01932	5/2/2018	CHK	CDM Smith, Inc.	\$ 53,196.35
Consulting	EFT01933	5/2/2018	CHK	Woodard & Curran Inc.	\$ 9,107.19
Consulting	EFT01943	5/11/2018	CHK	Integrated Systems Solutions	\$ 33.00
Consulting	EFT01944	5/11/2018	CHK	Dudek	\$ 17,360.00
Consulting	EFT01945	5/11/2018	CHK	Vali Cooper & Associates, Inc	\$ 2,998.40
Consulting	EFT01950	5/11/2018	CHK	GeoScience Support Services	\$ 39,518.75
Consulting	EFT01951	5/11/2018	CHK	Raffelis Financial Consultants	\$ 9,502.50
Consulting	EFT01960	5/17/2018	CHK	Trussell Technologies, Inc.	\$ 1,391.35
Consulting	EFT01961	5/17/2018	CHK	Woodard & Curran Inc.	\$ 16,249.19
Consulting	EFT01972	5/25/2018	CHK	West Coast Advisors	\$ 11,500.00
Consulting	EFT01975	5/25/2018	CHK	CDM Smith, Inc.	\$ 6,197.75
Consulting	EFT01979	5/25/2018	CHK	Accent Computer Solutions Inc	\$ 3,998.50
Consulting	EFT01980	5/25/2018	CHK	Woodard & Curran Inc.	\$ 3,406.00
Consulting	EFT01983	5/25/2018	CHK	DeGrave Communications	\$ 5,380.11
Consulting	EFT01989	5/25/2018	CHK	Wood Environment & Infrastructure	\$ 12,444.32
Consulting	EFT01994	5/31/2018	CHK	Risk Sciences	\$ 9,919.61
Consulting	EFT01999	5/31/2018	CHK	Dudek	\$ 19,780.00
Consulting	EFT02000	5/31/2018	CHK	Woodard & Curran Inc.	\$ 16,330.75
Consulting	EFT02004	5/31/2018	CHK	GeoScience Support Services	\$ 19,195.00

Santa Ana Watershed Project Authority
Check Detail
May-18

Category	Check #	Check Date	Type	Vendor	Check Amount
Consulting Total					\$ 321,738.77
Contributions	3119	5/17/2018	CHK	BIA Baldy View Chapter	\$ 2,500.00
Contributions Total					\$ 2,500.00
Credit Cards	P033638	5/10/2018	WDL	US Bank	\$ 8,730.43
Credit Cards Total					\$ 8,730.43
Debt Service	EFT01971	5/25/2018	CHK	Western Riverside County Reg	\$ 216,989.00
Debt Service Total					\$ 216,989.00
Director Costs	3142	5/25/2018	CHK	Gil Navarro	\$ 95.92
Director Costs	EFT01967	5/25/2018	CHK	Eastern Municipal Water District	\$ 240.33
Director Costs	EFT01970	5/25/2018	CHK	Western Municipal Water District	\$ 611.45
Director Costs	EFT01981	5/25/2018	CHK	Jasmin Hall	\$ 56.68
Director Costs	EFT01987	5/25/2018	CHK	Susan Longville	\$ 214.33
Director Costs	EFT01990	5/25/2018	CHK	Bruce Whitaker	\$ 196.20
Director Costs Total					\$ 1,414.91
Employee Reimbursement	EFT01927	5/2/2018	CHK	Regina Patterson	\$ 31.59
Employee Reimbursement	EFT01930	5/2/2018	CHK	Marie Jauregui	\$ 31.61
Employee Reimbursement	EFT01959	5/17/2018	CHK	Karen Williams	\$ 30.00
Employee Reimbursement	EFT01965	5/17/2018	CHK	Alison L Lewis	\$ 30.00
Employee Reimbursement	EFT01977	5/25/2018	CHK	Karen Williams	\$ 828.45
Employee Reimbursement	EFT01985	5/25/2018	CHK	Alison L Lewis	\$ 125.00
Employee Reimbursement	EFT02001	5/31/2018	CHK	Kelly Berry	\$ 44.99
Employee Reimbursement	EFT02003	5/31/2018	CHK	Mike Antos	\$ 281.77
Employee Reimbursement Total					\$ 1,403.41
Equipment Rented	3104	5/11/2018	CHK	Konica Minolta Business Solutions	\$ 764.77
Equipment Rented	3141	5/25/2018	CHK	GreatAmerica Financial Services	\$ 1,452.56
Equipment Rented Total					\$ 2,217.33
Facility Repair & Maintenance	3094	5/2/2018	CHK	TNT Elevator Inc	\$ 230.00
Facility Repair & Maintenance	3110	5/11/2018	CHK	Xylem Dewatering Solutions Inc	\$ 199.34
Facility Repair & Maintenance	3118	5/17/2018	CHK	O G Supply Inc.	\$ 190.07
Facility Repair & Maintenance	3135	5/25/2018	CHK	Xylem Dewatering Solutions Inc	\$ 289.85
Facility Repair & Maintenance	3144	5/25/2018	CHK	CR&R Incorporated	\$ 148.58
Facility Repair & Maintenance	3145	5/25/2018	CHK	Heating & Air Conditioning Services	\$ 169.32
Facility Repair & Maintenance	3148	5/31/2018	CHK	United Storm Water Inc.	\$ 3,049.10
Facility Repair & Maintenance	EFT01938	5/11/2018	CHK	Yeier Janitorial	\$ 1,370.00
Facility Repair & Maintenance	EFT01940	5/11/2018	CHK	Green Meadows Landscape	\$ 855.00
Facility Repair & Maintenance	EFT01946	5/11/2018	CHK	Alexander Pacific Electrical	\$ 735.00
Facility Repair & Maintenance	EFT01955	5/17/2018	CHK	Western Exterminator Co.	\$ 109.50
Facility Repair & Maintenance	EFT01956	5/17/2018	CHK	Haz Mat Trans, Inc.	\$ 1,320.00
Facility Repair & Maintenance	EFT01962	5/17/2018	CHK	Houston Harris PCS, Inc.	\$ 2,760.00
Facility Repair & Maintenance	EFT01973	5/25/2018	CHK	Haz Mat Trans, Inc.	\$ 1,540.00
Facility Repair & Maintenance	EFT01984	5/25/2018	CHK	Hamm's Tree Service	\$ 1,225.00
Facility Repair & Maintenance	EFT01995	5/31/2018	CHK	Haz Mat Trans, Inc.	\$ 1,230.00
Facility Repair & Maintenance	EFT01997	5/31/2018	CHK	Golden State Fire Protection	\$ 650.00
Facility Repair & Maintenance	EFT01998	5/31/2018	CHK	A Cone Zone Inc	\$ 10,692.80
Facility Repair & Maintenance Total					\$ 26,763.56
Lab Costs	EFT01931	5/2/2018	CHK	E. S. Babcock & Sons, Inc.	\$ 2,751.00
Lab Costs	EFT01939	5/11/2018	CHK	E. S. Babcock & Sons, Inc.	\$ 1,719.00
Lab Costs	EFT01957	5/17/2018	CHK	E. S. Babcock & Sons, Inc.	\$ 2,015.00
Lab Costs	EFT01974	5/25/2018	CHK	E. S. Babcock & Sons, Inc.	\$ 1,067.00
Lab Costs	EFT01996	5/31/2018	CHK	E. S. Babcock & Sons, Inc.	\$ 883.00
Lab Costs Total					\$ 8,435.00
Legal Costs	EFT01948	5/11/2018	CHK	Hunt Ortmann Palffy Nieves Dahl	\$ 174,450.67
Legal Costs Total					\$ 174,450.67
Materials & Supplies	3096	5/2/2018	CHK	United Rentals	\$ 1,141.88
Materials & Supplies Total					\$ 1,141.88
Office Expense	3108	5/11/2018	CHK	Staples Business Advantage	\$ 484.57
Office Expense	3117	5/17/2018	CHK	Konica Minolta Business Solutions	\$ 573.43
Office Expense	3122	5/17/2018	CHK	Printing Connection, Inc.	\$ 43.50
Office Expense	EFT01958	5/17/2018	CHK	Iron Mountain	\$ 611.34
Office Expense Total					\$ 1,712.84

Santa Ana Watershed Project Authority
Check Detail
May-18

Category	Check #	Check Date	Type	Vendor	Check Amount
Other Contract Services	EFT01934	5/2/2018	CHK	EcoTech Services Inc	\$ 110,736.00
Other Contract Services	EFT01935	5/11/2018	CHK	Orange County Sanitation District	\$ 3,578.03
Other Contract Services	EFT01937	5/11/2018	CHK	Western Municipal Water District	\$ 8,698.59
Other Contract Services	EFT01947	5/11/2018	CHK	Green Media Creations	\$ 5,720.76
Other Contract Services	EFT01949	5/11/2018	CHK	Community Action Partnership	\$ 16,622.53
Other Contract Services	EFT01963	5/17/2018	CHK	Green Media Creations	\$ 3,252.51
Other Contract Services	EFT01964	5/17/2018	CHK	Community Action Partnership	\$ 18,093.27
Other Contract Services	EFT01953	5/17/2018	CHK	Orange County Sanitation District	\$ 94,084.44
Other Contract Services	EFT01986	5/25/2018	CHK	Local Government Commission	\$ 65,014.39
Other Contract Services	EFT01988	5/25/2018	CHK	California Rural Water Association	\$ 12,153.47
Other Contract Services	EFT02002	5/31/2018	CHK	EcoTech Services Inc	\$ 127,139.20
Other Contract Services Total					\$ 465,093.19
Other Expense	3093	5/2/2018	CHK	Three Valleys Municipal Water District	\$ 20.00
Other Expense Total					\$ 20.00
Payroll	3130	5/25/2018	CHK	Payroll Check	\$ 730.80
Payroll	WDL000004451	5/11/2018	WDL	Direct Deposit 5/11/2018	\$ 75,311.03
Payroll	WDL000004454	5/11/2018	WDL	PR Tax - Federal	\$ 29,481.99
Payroll	WDL000004455	5/11/2018	WDL	PR Tax - State	\$ 6,501.18
Payroll	WDL000004467	5/25/2018	WDL	Direct Deposit 5/25/2018	\$ 84,549.34
Payroll	* WDL000004470	5/21/2018	VOID	PR Tax - Federal	\$ -
Payroll	* WDL000004471	5/21/2018	VOID	PR Tax - State	\$ -
Payroll	WDL000004472	5/25/2018	WDL	PR Tax - Federal	\$ 32,483.36
Payroll	WDL000004473	5/25/2018	WDL	PR Tax - State	\$ 7,184.77
Payroll Total					\$ 236,242.47
Permit Fees	3111	5/11/2018	CHK	City of Chino	\$ 654.03
Permit Fees Total					\$ 654.03
PR Deductions - Garnishments	3113	5/11/2018	CHK	Franchise Tax Board	\$ 300.00
PR Deductions - Garnishments Total					\$ 300.00
Prop 84	3124	5/17/2018	CHK	City of Riverside	\$ 265,212.60
Prop 84	3127	5/17/2018	CHK	US Forest Service	\$ 634.42
Prop 84	3136	5/25/2018	CHK	City of Corona	\$ 812,460.43
Prop 84	3137	5/25/2018	CHK	San Bernardino Valley Water Conservation	\$ 589.94
Prop 84	3143	5/25/2018	CHK	US Forest Service	\$ 2,769.47
Prop 84	EFT01952	5/17/2018	CHK	Inland Empire Utilities Agency	\$ 76,682.12
Prop 84	EFT01954	5/17/2018	CHK	Western Municipal Water District	\$ 9,036.00
Prop 84	EFT01966	5/25/2018	CHK	Inland Empire Utilities Agency	\$ 14,131.89
Prop 84	EFT01968	5/25/2018	CHK	ESRI Inc.	\$ 2,691.66
Prop 84	EFT01982	5/25/2018	CHK	OmniEarth Inc.	\$ 76,966.51
Prop 84	EFT01991	5/25/2018	CHK	Western Municipal Water District	\$ 52,399.23
Prop 84	EFT01992	5/31/2018	CHK	Eastern Municipal Water District	\$ 208,791.43
Prop 84	EFT01993	5/31/2018	CHK	ESRI Inc.	\$ 3,800.00
Prop 84 Total					\$ 1,526,165.70
Safety	EFT01928	5/2/2018	CHK	Underground Service Alert	\$ 171.70
Safety	EFT01978	5/25/2018	CHK	A Cone Zone Inc	\$ 1,751.96
Safety Total					\$ 1,923.66
Shipping/Postage	3134	5/25/2018	CHK	United Parcel Service	\$ 45.00
Shipping/Postage Total					\$ 45.00
Software	3114	5/11/2018	CHK	Adobe Systems Inc	\$ 3,692.31
Software	3149	5/31/2018	CHK	enfoTech	\$ 27,870.00
Software	EFT01943	5/11/2018	CHK	Integrated Systems Solutions	\$ 9,026.94
Software Total					\$ 40,589.25
Temporary Services	3131	5/25/2018	CHK	AppleOne Employment Services	\$ 1,562.84
Temporary Services Total					\$ 1,562.84
Training	EFT01941	5/11/2018	CHK	Best Best & Krieger LLP	\$ 3,200.00
Training Total					\$ 3,200.00
Transfer	WDL000004453	5/10/2018	WDL	LESJWA	\$ 30.00
Transfer Total					\$ 30.00
Utilities	3049	5/1/2018	VOID	Verizon Wireless	\$ (449.32)
Utilities	3091	5/2/2018	CHK	AT&T	\$ 1,079.70
Utilities	3092	5/2/2018	CHK	Southern California Edison	\$ 29.13

Santa Ana Watershed Project Authority
Check Detail
May-18

Category	Check #	Check Date	Type	Vendor	Check Amount
Utilities	3098	5/2/2018	CHK	Verizon Wireless	\$ 905.38
Utilities	3100	5/2/2018	CHK	AT&T	\$ 768.62
Utilities	3101	5/2/2018	CHK	Verizon Wireless	\$ 2,524.52
Utilities	3103	5/11/2018	CHK	Riverside, City of	\$ 1,918.26
Utilities	3106	5/11/2018	CHK	Southern California Edison	\$ 219.11
Utilities	3109	5/11/2018	CHK	Burrtec Waste Industries Inc	\$ 77.00
Utilities	3115	5/11/2018	CHK	Riverside, City of	\$ 77.61
Utilities	3128	5/17/2018	CHK	Verizon Wireless	\$ 14.16
Utilities	3132	5/25/2018	CHK	AT&T	\$ 639.53
Utilities	3146	5/31/2018	CHK	AT&T	\$ 768.62
Utilities	3147	5/31/2018	CHK	Southern California Edison	\$ 28.18
Utilities	3153	5/31/2018	CHK	Verizon Wireless	\$ 286.10
Utilities	3154	5/31/2018	CHK	AT&T	\$ 1,020.82
Utilities Total					\$ 9,907.42
Grand Total					\$ 3,195,544.74

Accounts Payable

Checks	\$ 2,907,570.41
Wire Transfers	\$ 45,078.56
	<u>\$ 2,952,648.97</u>

Bank Fees

Take Care	\$ 6,653.30
Other	
Payroll	\$ 236,242.47
	<u>\$ 3,195,544.74</u>

Total Disbursements for May 2018

Santa Ana Watershed Project Authority
 Consulting
 May 2018

Check #	Check Date	Task #	Task Description	Vendor Name	Total Contract	Check Amount	Remaining Contract Amount	Notes/Comments
EFT01979	5/25/2018	ACS100-09	IT Support	Accent Computer Solutions	\$ 62,100.00	\$ 3,386.50	\$ 3,241.05	
EFT01979	5/25/2018	ACS100-10	Office 365 Migration & Support	Accent Computer Solutions	\$ 17,500.00	\$ 612.00	\$ 858.00	
EFT01932	5/2/2018	CDM386-12	SAR Bacteria Monitoring Program	CDM Smith, Inc.	\$ 330,671.00	\$ 14,403.50	\$ 75,053.57	
EFT01932	5/2/2018	CDM384-17	Audit Support of CBRP	CDM Smith, Inc.	\$ 44,870.00	\$ 38,792.85	\$ 692.61	
EFT01975	5/25/2018	CDM386-12	SAR Bacteria Monitoring Program	CDM Smith, Inc.	\$ 330,671.00	\$ 6,197.75	\$ 75,053.57	
EFT01983	5/25/2018	DEGR392-03	Social Media Support - EC TF	DeGrave Communications	\$ 30,000.00	\$ 2,542.61	\$ 2,245.80	
EFT01983	5/25/2018	DEGR398-01	Social Media Support - EC TF	DeGrave Communications	\$ 78,434.00	\$ 2,837.50	\$ 75,209.00	
EFT01999	5/31/2018	DUDK373-03	OWOW Data Plan & Monitoring Pillar	Dudek	\$ 19,780.00	\$ 19,780.00	\$ -	
EFT01944	5/11/2018	DUDK373-02	OWOW Plan Update 2018	Dudek	\$ 17,360.00	\$ 17,360.00	\$ -	
EFT01950	5/11/2018	GEOS374-01	SAR WLA Model Update	GeoScience	\$ 273,766.00	\$ 39,518.75	\$ 2,429.75	
EFT02004	5/31/2018	GEOS374-01	SAR WLA Model Update	GeoScience	\$ 276,766.00	\$ 19,195.00	\$ 2,429.75	
EFT01943	5/11/2018	INSOL100-10	Great Plains Annual Service and Support	Integrated Systems Solutions	\$ 4,000.00	\$ 33.00	\$ 1,491.00	
3138	5/25/2018	NICO100-05	GASB 45/75 transition plan	Nicolay Consulting Group	\$ 7,200.00	\$ 4,800.00	\$ 2,400.00	
EFT01951	5/11/2018	RFT240-01	Rate Model	Raftelis Financial Consultant	\$ 79,517.00	\$ 9,502.50	\$ 7,483.18	
3112	5/11/2018	RBI327-02	4D Rehabilitation - Traffic Control	RBI Traffic	\$ 4,500.00	\$ 4,500.00	\$ -	
3121	5/17/2018	RBI327-01	4D Rehabilitation - Traffic Control	RBI Traffic	\$ 8,300.00	\$ 8,800.00	\$ -	
EFT01994	5/31/2018	RISK374-07	Basin Monitoring TF	Risk Sciences	\$ 73,150.00	\$ 4,741.80	\$ 44,364.23	
EFT01994	5/31/2018	RISK384-08	Basin Monitoring TF	Risk Sciences	\$ 87,300.00	\$ 5,177.81	\$ 4,247.88	
3151	5/31/2018	SCH-381-01	Santa ana Sucker Protection and Beneficial Use	Scheevel Engineering	\$ 96,725.00	\$ 2,562.50	\$ 18,177.25	
3126	5/17/2018	TTD100-03	Phone System Support	The Technology Depot	\$ 6,000.00	\$ 67.50	\$ 688.75	
3129	5/17/2018	TCE327-01	4D Rehabilitation - Traffic Control	Traffic Control Engineering	\$ 32,000.00	\$ 32,000.00	\$ -	
EFT01960	5/17/2018	TRU240-20	BL Water Quality Monitoring Analysis & Billing	Trussell Technologies, Inc.	\$ 49,885.00	\$ 1,391.35	\$ 38,354.60	
EFT01945	5/11/2018	VALI326-04	Reach V Rehabilitaion - Phase 1, Tasks 3&4	Vali Cooper & Associates	\$ 1,252,400.00	\$ 2,998.40	\$ 439,589.39	

Santa Ana Watershed Project Authority
 Consulting
 May 2018

Check #	Check Date	Task #	Task Description	Vendor Name	Total Contract	Check Amount	Remaining Contract Amount	Notes/Comments
EFT01929	5/2/2018	WCA100-03-02	State Legislative Consulting Services	West Coast Advisors	\$ 345,000.00	\$ 11,500.00	\$ 54,500.00	
EFT01972	5/25/2018	WCA100-03-02	State Legislative Consulting Services	West Coast Advisors	\$ 345,000.00	\$ 11,500.00	\$ 54,500.00	
EFT01989	5/25/2018	AMEC384-01	Bacteria Source Investigation in the Arlington	Wood Environment & Infrastructure (Amec)	\$ 49,960.00	\$ 12,444.32	\$ 72.60	
EFT01933	5/2/2018	RMC504-401-02	SARCCUP Program Mgmt Services	Woodard & Curran Inc. (RMC)	\$ 260,515.00	\$ 9,107.19	\$ 143,669.15	
EFT01961	5/17/2018	RMC504-401-02	SARCCUP Program Mgmt Services	Woodard & Curran Inc. (RMC)	\$ 260,515.00	\$ 16,249.19	\$ 143,669.15	
EFT01980	5/25/2018	W&C327-01	4D Rehabilitation - Engineering Services	Woodard & Curran Inc. (RMC)	\$ 226,649.00	\$ 3,406.00	\$ 223,243.00	
EFT02000	5/31/2018	RMC504-401-03	Proposed Technical Writing	Woodard & Curran Inc. (RMC)	\$ 34,992.00	\$ 16,330.75	\$ 18,661.25	
					\$ 321,738.77			

COMMISSION MEMORANDUM NO. 2018.66

DATE: July 17, 2018
TO: SAWPA Commission
SUBJECT: Inter-Fund Borrowing – May 2018
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 May 2018. 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 over the \$250,000 aggregate amount.

Fund	Fund Name	04/30/18 Balance	Loan Receipts	New Charges	05/31/18 Balance
130	Proposition 84 Admin	\$58,013.87	(\$0.00)	\$4,619.63	\$62,633.50
135	Proposition 84 Admin R2	99,076.30	(45,751.91)	7,800.21	61,124.60
140	Proposition 84 Admin R3	32,318.29	(13,138.89)	13,593.33	32,772.73
145	Proposition 84 Admin R4	104,139.30	(27,071.12)	11,481.51	88,549.69
398	Proposition 1 – DACI Grant	102,617.50	(132,004.05)	87,860.64	58,474.09
477	LESJWA Administration	12,856.31	(14,175.07)	13,826.64	12,507.88
504	Prop 84 - Drought Projects	148,263.87	(121,915.98)	122,083.72	148,431.61
	Total Funds Borrowed	\$557,285.44	(\$354,057.02)	\$261,265.68	\$464,494.10
	General Fund Reserves Balance		\$3,191,663.36		
	Less Amount Borrowed		<u>464,494.10</u>		
	Balance of General Fund Reserves		<u>\$2,727,169.26</u>		

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/Quarterly	Up to 4 months
398 – Proposition 1 – DACI Grant	DWR – Prop 1 Grant	Monthly	Up to 4 months
477 – LESJWA Admin	Reimbursement from LESJWA	Monthly	2 to 4 weeks
504 - Proposition 84 Drought Projects	DWR – Prop 84 Grant	Monthly	Up to 4 months
504 – Proposition 84 SARCCUP Projects	DWR – Prop 84 Grant	Monthly/Quarterly	Up to 4 month

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 2018.

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 monthly 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 398

This fund is for the Proposition 1 DACI grant project. These funds will be billed monthly once the contracts with DWR have been signed.

Fund 477

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

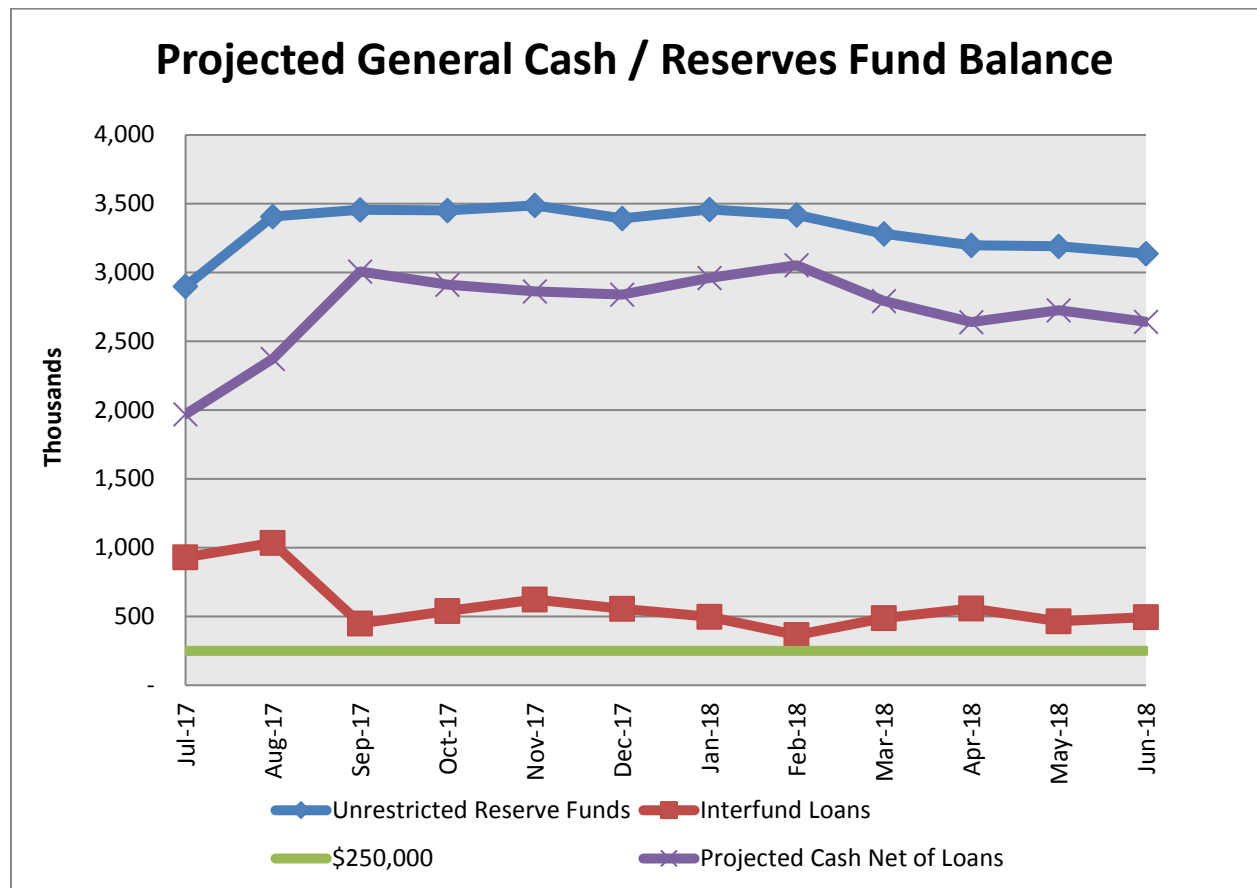
Fund 504

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

The following graph shows the total budget, total project costs to date, and the amount remaining on each grant.

Fund	Fund Name	Total Budget	Project Costs Through 05/31/18	Remaining Grant Budget
130	Proposition 84 Admin R1	\$660,004	(\$459,704)	\$200,300
135	Proposition 84 Admin R2	627,405	(377,713)	249,692
140	Proposition 84 Admin R3	625,000	(519,617)	105,383
145	Proposition 84 Admin R4	3,213,384	(482,171)	2,731,213
397	Energy Water DAC Grant (WECAN)	2,164,816	(1,577,502)	587,314
398	Proposition 1 – DACI Grant	1,362,741	(425,969)	936,772
504	Prop 84 - Drought Projects	6,962,610	(2,852,864)	4,109,746
504	Prop 84 – 2015 Round (SARCCUP)	1,000,000	(434,982)	565,018
Totals		\$16,615,960	(\$7,130,522)	\$9,485,438

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 2018. The projected loan balance is expected to remain over the \$250,000 aggregate limit through June 2018 because of Proposition 1 and 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. There is sufficient cash available to cover proposed borrowings and to pay budgeted expenditures for the General Fund.

COMMISSION MEMORANDUM NO. 2018.67

DATE: July 17, 2018

TO: SAWPA Commission

SUBJECT: Performance Indicators and Financial Reporting – May 2018

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.
List of SAWPA Funds	Shows each SAWPA Fund with the fund description and fund group.
Debt Service Funding Analysis	Shows total annual income by source used to make debt service payments through debt maturity at FYE 2048.
Debt Service Payment Schedule	Shows total debt service interest and principal payments through debt maturity at FYE 2048.

Cash and Investments

Total Cash and Investments (chart)	Shows the changes in cash and investments balance for the last twelve months.
Cash 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.
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Performance Indicators

Average Daily Flow by Month	Shows total flow in the Brine Line 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 Indirect Cost 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 Indirect Cost 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 | 10. Reserve Account Analysis |
| 2. Revenue & Expense by Fund Type | 11. Twelve-Month Maturity Schedule - Securities |
| 3. Accounts Receivable Aging Report | 12. Treasurer's Report |
| 4. Open Task Order Schedule | 13. Average Daily Flow by Month |
| 5. List of SAWPA Funds | 14. Summary of Labor Multipliers |
| 6. Debt Service Funding Analysis | 15. General Fund Costs |
| 7. Debt Service Payment Schedule | 16. Benefits |
| 8. Total Cash and Investments (chart) | 17. Labor Hours Budgeted vs. Actual |
| 9. Cash Balance & Source of Funds | |

Santa Ana Watershed Project Authority
Balance Sheet by Fund Type
For the Ten Months Ending Monday, April 30, 2018

	General Fund	Brine Line Enterprise	Capital Projects	OWOW Projects	Roundtable Projects	Fund Totals
Assets						
Current Assets						
Cash and Investments	\$4,116,547.13	\$47,467,961.02	(\$9,477,919.82)	\$767,085.11	\$1,808,637.01	\$44,682,310.45
Accounts Receivable	46,879.39	1,699,017.46	0.00	4,126,523.92	142,958.57	6,015,379.34
Installment Notes Receivable	0.00	3,448,437.13	0.00	0.00	0.00	3,448,437.13
Interest Receivable	0.00	68,771.49	0.00	0.00	0.00	68,771.49
Prepays and Deposits	524,458.84	58,706.26	0.00	0.00	0.00	583,165.10
Total Current Assets	<u>4,687,885.36</u>	<u>52,742,893.36</u>	<u>(9,477,919.82)</u>	<u>4,893,609.03</u>	<u>1,951,595.58</u>	<u>54,798,063.51</u>
Fixed Assets						
Property, Plant & Equipment						
less accum depreciation	1,104,170.39	61,157,817.45	0.00	0.00	0.00	62,261,987.84
Work In Process	0.00	0.00	30,721,109.13	0.00	0.00	30,721,109.13
Total fixed assets	<u>1,104,170.39</u>	<u>61,157,817.45</u>	<u>30,721,109.13</u>	<u>0.00</u>	<u>0.00</u>	<u>92,983,096.97</u>
Other Assets						
Wastewater treatment/disposal rights, net of amortization	9,500.00	27,884,145.57	0.00	0.00	0.00	27,893,645.57
Inventory - Mitigation Credits	0.00	0.00	0.00	0.00	1,910,560.00	1,910,560.00
Total Other Assets	<u>9,500.00</u>	<u>27,884,145.57</u>	<u>0.00</u>	<u>0.00</u>	<u>1,910,560.00</u>	<u>29,804,205.57</u>
Total Assets	<u>\$5,801,555.75</u>	<u>\$141,784,856.38</u>	<u>\$21,243,189.31</u>	<u>\$4,893,609.03</u>	<u>\$3,862,155.58</u>	<u>\$177,585,366.05</u>
Liabilities and Fund Equity						
Current Liabilities						
Accounts Payable/Accrued Expenses	\$617,818.94	\$846,411.12	\$716,811.86	\$3,679,330.66	\$173,282.77	\$6,033,655.35
Accrued Interest Payable	0.00	280,256.23	88,960.82	0.00	0.00	369,217.05
Customer Deposits	10,000.00	0.00	0.00	0.00	0.00	10,000.00
Noncurrent Liabilities						
Long-term Debt	3,104,742.00	17,397,024.96	7,404,008.00	0.00	0.00	27,905,774.96
Deferred Revenue	0.00	72,719,287.50	0.00	0.00	0.00	72,719,287.50
Total Liabilities	<u>3,732,560.94</u>	<u>91,242,979.81</u>	<u>8,209,780.68</u>	<u>3,679,330.66</u>	<u>173,282.77</u>	<u>107,037,934.86</u>
Fund Equity						
Contributed Capital	0.00	20,920,507.03	0.00	0.00	0.00	20,920,507.03
Retained Earnings	2,752,388.00	28,766,923.00	13,269,138.70	949,951.40	3,697,486.05	49,435,887.15
Revenue Over/Under Expenditures	(683,393.19)	854,446.54	(235,730.07)	264,326.97	(8,613.24)	191,037.01
Total Fund Equity	<u>2,068,994.81</u>	<u>50,541,876.57</u>	<u>13,033,408.63</u>	<u>1,214,278.37</u>	<u>3,688,872.81</u>	<u>70,547,431.19</u>
Total Liabilities & Fund Equity	<u>\$5,801,555.75</u>	<u>\$141,784,856.38</u>	<u>\$21,243,189.31</u>	<u>\$4,893,609.03</u>	<u>\$3,862,155.58</u>	<u>\$177,585,366.05</u>

Santa Ana Watershed Project Authority
Revenue & Expenses by Fund Type
For the Ten Months Ending Monday, April 30, 2018

	General Fund	Brine Line Enterprise	Capital Projects	OWOW Projects	Roundtable Projects	Fund Totals
Operating Revenue						
Discharge Fees	\$0.00	\$9,137,088.42	\$0.00	\$0.00	\$0.00	\$9,137,088.42
Grant Proceeds	0.00	0.00	0.00	4,102,810.05	0.00	4,102,810.05
Financing Proceeds	0.00	0.00	0.00	0.00	162,553.38	162,553.38
Total Operating Revenue	0.00	9,137,088.42	0.00	4,102,810.05	162,553.38	13,402,451.85
Operating Expenses						
Labor	1,261,394.50	717,846.60	975.66	442,348.21	110,414.53	2,532,979.50
Benefits	423,030.28	313,698.97	426.36	193,306.18	48,251.09	978,712.88
Indirect Costs	0.00	1,012,881.49	1,376.66	624,153.31	155,794.93	1,794,206.39
Education & Training	13,160.43	1,249.28	0.00	125.00	0.00	14,534.71
Consulting & Professional Services	227,726.82	91,547.37	246,089.73	1,453,507.83	712,733.23	2,731,604.98
Operating Costs	3,484.44	2,285,131.42	0.00	0.00	87.60	2,288,703.46
Repair & Maintenance	54,409.14	187,800.14	0.00	0.00	0.00	242,209.28
Phone & Utilities	52,420.97	5,950.99	0.00	0.00	0.00	58,371.96
Equipment & Computers	142,753.35	44,924.17	0.00	149.32	269.30	188,096.14
Meeting & Travel	16,469.63	2,412.51	0.00	11,669.92	781.09	31,333.15
Other Administrative Costs	110,426.52	18,489.46	0.00	17,420.25	15,740.53	162,076.76
Benefits Applied	94,426.57	0.00	0.00	0.00	0.00	94,426.57
Indirect Costs Applied	(1,973,884.03)	0.00	0.00	0.00	0.00	(1,973,884.03)
Other Expenses	27,185.73	114,010.70	0.00	0.00	0.00	141,196.43
Construction	0.00	0.00	0.00	2,758,990.75	0.00	2,758,990.75
Total Operating Expenses	453,004.35	4,795,943.10	248,868.41	5,501,670.77	1,044,072.30	12,043,558.93
Operating Income (Loss)	(453,004.35)	4,341,145.32	(248,868.41)	(1,398,860.72)	(881,518.92)	1,358,892.92
Nonoperating Income (Expense)						
Member Contributions	646,115.00	0.00	0.00	776,000.00	20,000.00	1,442,115.00
Other Agency Contributions	0.00	0.00	0.00	861,210.00	835,415.00	1,696,625.00
Interest Income	40,216.54	355,044.03	0.00	12,285.33	17,490.68	425,036.58
Interest Expense - Debt Service	0.00	(469,700.70)	0.00	0.00	0.00	(469,700.70)
Other Income	2,275.79	15,480.90	13,138.34	13,692.36	0.00	44,587.39
Use of Reserves	(120,431.99)	0.00	0.00	0.00	0.00	(120,431.99)
Other Expense	(75.67)	0.00	0.00	0.00	0.00	(75.67)
Total Nonoperating Income (Expense)	568,099.67	(99,175.77)	13,138.34	1,663,187.69	872,905.68	3,018,155.61
Excess Rev over (under) Exp	<u>\$115,095.32</u>	<u>\$4,241,969.55</u>	<u>(\$235,730.07)</u>	<u>\$264,326.97</u>	<u>(\$8,613.24)</u>	<u>\$4,377,048.53</u>

Aging Report
Santa Ana Watershed Project Authority
Receivables as of May 31, 2018

Customer Name	Project	Total	Current	0-30 Days	31-60 Days	61 and Over
Chino Basin Desalter Authority	Brine Line	272,064.59		136,345.74	135,718.85	
Department of Water Resources	Prop 84, WECAN	1,864,039.66			26,875.44	1,837,164.22
Eastern Municipal Water District	Brine Line	310,761.88		162,160.82	148,601.06	
Elsinore Valley Municipal Water District	Basin Monitoring TF	14,019.00				14,019.00
Inland Empire Utilities Agency	Brine Line	250,823.98		132,255.53	118,568.45	
Lake Elsinore & San Jacinto Watersheds Authority	LESJWA Administration	13,896.57		13,896.57		
Orange County Water District	Member Agency Contributions	46,000.00				46,000.00
Redlands, City of	Basin Monitoring TF	12,254.00				12,254.00
San Bernardino Valley Municipal Water District	Brine Line	176,744.92		87,384.34	89,360.58	
Western Municipal Water District	Brine Line, SARCCUP Cost Share	722,902.55		325,749.55	306,431.00	90,722.00
Total Accounts Receivable		3,683,507.15	-	857,792.55	825,555.38	2,000,159.22

Santa Ana Watershed Project Authority
Open Task Orders Schedule
May 2018
(Reflects Invoices Received as of 06/15/18)

Task Order No. Project Contracts	Fund No.	Vendor Name	Task Description	Begin Date	End Date	Original Contract	Change Orders	Total Contract	Billed To Date	Contract Balance	SAWPA Manager	Comments
ACS100-09	100-00	Accent Computer Solutions	IT Support	04/11/2017	06/30/2018	\$ 42,000.00	\$ 20,100.00	\$ 62,100.00	\$ 58,858.95	\$ 3,241.05	Dean Unger	
ACS100-10	100-00	Accent Computer Solutions	Office 365 Migration	05/01/2017	06/30/2018	\$ 17,500.00	\$ -	\$ 17,500.00	\$ 16,642.00	\$ 858.00	Dean Unger	
BART100-03	100-00	Bartel & Associates	GASB 68 Actuarial Information	04/24/2018	12/31/2018	\$ 1,200.00	\$ -	\$ 1,200.00	\$ -	\$ 1,200.00	Karen Williams	
INSOL100-10	100-00	Integrated Systems Solutions	GP Software Annual Technical Support	07/01/2017	06/30/2018	\$ 4,000.00	\$ -	\$ 4,000.00	\$ 2,509.00	\$ 1,491.00	Dean Unger	
NICO100-05	100-00	Nicolay Consulting Group	GASB 45/75 Transisiton Plan	08/22/2017	06/30/2019	\$ 7,200.00	\$ -	\$ 7,200.00	\$ 4,800.00	\$ 2,400.00	Karen Williams	
TEAM100-07	100-00	Teaman, Ramirez, & Smith	Auditing Services	06/05/2018	06/30/2021	\$ 79,500.00	\$ -	\$ 79,500.00	\$ -	\$ 79,500.00	Karen Williams	
WCA100-03-02	100-03	West Coast Advisors	State Legislative Consulting FY16-18	11/24/2015	12/31/2018	\$ 345,000.00	\$ -	\$ 345,000.00	\$ 290,500.00	\$ 54,500.00	Rich Haller	
DOUG240-02	240	Douglas Environmental	Brine Line Meter Calibration	07/01/2017	06/30/2018	\$ 4,970.00	\$ 9,855.00	\$ 14,825.00	\$ 9,150.00	\$ 5,675.00	Carlos Quintero	On Call
WO2018-05	240	E S Babcock	Brine Line Sample Collection & Analysis	07/01/2017	06/30/2018	\$ 87,578.00	\$ -	\$ 87,578.00	\$ 57,731.00	\$ 29,847.00	Carols Quintero	
HAZ240-08	240	Haz Mat Trans Inc	Brine Line Facility Repair & Maintenance	07/01/2017	06/30/2018	\$ 35,000.00	\$ -	\$ 35,000.00	\$ 34,517.34	\$ 482.66	Carlos Quintero	On Call
HAZ240-07	240	Haz Mat Trans Inc	On Call Draining & Emergency Clean Up	06/29/2015	06/30/2018	\$ 98,215.00	\$ -	\$ 98,215.00	\$ 8,825.00	\$ 89,390.00	Carlos Quintero	On Call
HOU240-02	240	Houston Harris PCS Inc	Brine Line On Call Pipeline Cleaning	06/16/2015	06/30/2018	\$ 318,120.00	\$ 225,000.00	\$ 543,120.00	\$ 386,562.50	\$ 156,557.50	Carlos Quintero	On Call
HOU240-03	240	Houston Harris PCS Inc	Brine Line On Call Inspection Services	07/01/2017	06/30/2018	\$ 38,000.00	\$ -	\$ 38,000.00	\$ 18,673.62	\$ 19,326.38	Carlos Quintero	On Call
WO2018-10	240	IEUA	Reach IV-A Upper Support	07/01/2017	06/30/2018	\$ 10,000.00	\$ -	\$ 10,000.00	\$ 3,411.80	\$ 6,588.20	Carlos Quintero	
INN240-02	240	Innerline Engineering Inc	Brine Line On-Call Line Cleaning	06/29/2015	06/30/2018	\$ 46,900.00	\$ 50,000.00	\$ 96,900.00	\$ 59,191.34	\$ 37,708.66	Carlos Quintero	On Call
RFT240-01	240	Raftelis Financial	Rate Model	11/28/2017	06/30/2018	\$ 79,517.00	\$ -	\$ 79,517.00	\$ 72,033.82	\$ 7,483.18	Carlos Quintero	
SAWA323-01	240	SAWA	Habitat Mitigation in Prado Basin	01/29/2010	10/31/2017	\$ 245,000.00	\$ -	\$ 245,000.00	\$ 226,951.46	\$ 18,048.54	Carlos Quintero	
TKE240-02	240	TKE Engineering & Planning	Brine Line On-Call Land Surveying	06/26/2015	06/30/2018	\$ 30,300.00	\$ -	\$ 30,300.00	\$ 12,295.00	\$ 18,005.00	Carlos Quintero	On Call
TRU240-20	240	Trussell Technologies	BL Water Quality Analysis	09/07/2017	08/31/2018	\$ 49,885.00	\$ -	\$ 49,885.00	\$ 11,530.40	\$ 38,354.60	Carlos Quintero	
TRU240-21	240	Trussel Technologies	BL Monitoring Assesment	01/04/2018	09/30/2018	\$ 41,590.00	\$ -	\$ 41,590.00	\$ 2,248.00	\$ 39,342.00	Carlos Quintero	
WO2018-01	240	WMWD	Sample Collection & Analysis	07/01/2017	06/30/2018	\$ 90,000.00	\$ -	\$ 90,000.00	72,618.46	\$ 17,381.54	David Ruhl	
WO2018-02	240	WMWD	Brine Line Operations & Maintenance	07/01/2017	06/30/2018	\$ 25,000.00	\$ -	\$ 25,000.00	9,859.29	\$ 15,140.71	David Ruhl	
DUDK326-05	326	Dudek	Litigation Support	11/28/2016	06/30/2018	\$ 25,000.00	\$ 25,000.00	\$ 50,000.00	\$ 49,997.50	\$ 2.50	David Ruhl	246
DUDK326-06	326	Dudek	Reach V Rehabilitation - Ph I, Tasks 3-4	03/03/2017	06/30/2018	\$ 134,900.00	\$ -	\$ 134,900.00	\$ 90,205.63	\$ 44,694.37	David Ruhl	

Santa Ana Watershed Project Authority
Open Task Orders Schedule
May 2018
(Reflects Invoices Received as of 06/15/18)

Task Order No. Project Contracts	Fund No.	Vendor Name	Task Description	Begin Date	End Date	Original Contract	Change Orders	Total Contract	Billed To Date	Contract Balance	SAWPA Manager	Comments
HAMM326-01	326	Hammons Strategies	Strategic Communication Services	05/24/2016	12/31/2017	\$ 18,500.00	\$ 60,750.00	\$ 79,250.00	\$ 78,750.00	\$ 500.00	Rich Haller	
WO2018-03	326	PSI Lab	CIPP Sampling	07/01/2017	06/30/2018	\$ 30,010.00	\$ -	\$ 30,010.00	\$ 24,920.00	\$ 5,090.00	David Ruhl	
VALI326-04	326	Vali Cooper & Associates Inc	IEBL Reach V Rehabilitation	03/15/2017	06/30/2018	\$ 1,252,400.00	\$ -	\$ 1,252,400.00	\$ 812,810.61	\$ 439,589.39	David Ruhl	
PO3379 Const	326	WEKA	IEBL Reach V Rehab & Improvement	09/13/2016	01/16/2018	\$ 2,044,602.00	\$ 13,283,733.99	\$ 15,328,335.99	\$ 14,795,964.52	\$ 532,371.47	David Ruhl	
TCE327-01	327	Traffic Control Engineering	4D Rehabilitation - Traffic Control	04/11/2018	06/30/2018	\$ 32,000.00	\$ -	\$ 32,000.00	\$ 32,000.00	\$ -	Carlos Quintero	
W&C327-01	327	Woodard & Curran	4D Rehabilitation - Engineering Services	04/11/2018	12/31/2018	\$ 226,649.00	\$ -	\$ 226,649.00	\$ 3,406.00	\$ 223,243.00	David Ruhl	
BLAIS370-01	370-01	Blais & Associates	2018 Watersmart Grant Application	04/24/2018	05/10/2018	\$ 14,625.00	\$ -	\$ 14,625.00	\$ 6,927.25	\$ 7,697.75	Ian Achimore	
RMC504-401-03	370-01	RMC Water and Environment	Proposed Technical Writing	01/16/2018	06/30/2018	\$ 34,992.00	\$ -	\$ 34,992.00	\$ 16,330.75	\$ 18,661.25	Mark Norton	
DUDK373-01	373	Dudek	Technical Writing - OWOW Plan Update 2018	12/19/2017	12/31/2018	\$ 25,600.00	\$ 8,725.00	\$ 34,325.00	\$ 27,278.01	\$ 7,046.99	Mark Norton	
KENG373-01	373	Kenneth Guterrez	Land Use and Water Planning Pillar	07/19/2017	05/31/2018	\$ 6,000.00	\$ -	\$ 6,000.00	\$ 6,000.00	\$ -	Ian Achimore	
GEOS374-01	374	GeoScience Support Service	SAR WLA Model Update	02/01/2017	09/30/2018	\$ 249,800.00	\$ 23,966.00	\$ 273,766.00	\$ 271,336.25	\$ 2,429.75	Mark Norton	
RISK374-07	374	Risk Sciences	Basin Monitoring TF	11/06/2017	06/30/2018	\$ 73,150.00	\$ -	\$ 73,150.00	\$ 28,785.77	\$ 44,364.23	Mark Norton	
SCH381-01	381	Scheevel Engineering	S.A. Sucker - Beneficial Use Project	04/18/2017	12/31/2018	\$ 96,725.00	\$ -	\$ 96,725.00	\$ 78,547.75	\$ 18,177.25	Ian Achimore	
CDM384-17	384-01	CDM Smith	Audit Support of CBRP	01/02/2018	06/30/2018	\$ 44,870.00	\$ -	\$ 44,870.00	\$ 44,177.39	\$ 692.61	Rick Whetsel	
RISK384-08	384-01	Risk Sciences	MSAR TMDL Task Force	07/12/2015	06/30/2018	\$ 87,300.00	\$ -	\$ 87,300.00	\$ 83,052.12	\$ 4,247.88	Rick Whetsel	
CDM386-12	386	CDM Smith	Regional Bacteria Monitoring Program	04/18/2017	06/30/2018	\$ 317,046.00	\$ 13,625.00	\$ 330,671.00	\$ 255,617.43	\$ 75,053.57	Rick Whetsel	
DEGR392-03	392	DeGrave Communications	Social Media Support - EC TF	07/01/2017	06/30/2018	\$ 30,000.00	\$ -	\$ 30,000.00	\$ 27,754.20	\$ 2,245.80	Mark Norton	
PO3289	397	CAPOC	Green House Gas Contract - WECAN	06/27/2016	10/31/2018	\$ 16,628.00	\$ -	\$ 16,628.00	\$ 4,592.60	\$ 12,035.40	Mike Antos	
PO3377	397	CAPR	Green House Gas Contract - WECAN	10/31/2016	10/31/2018	\$ 85,000.00	\$ -	\$ 85,000.00	\$ 76,500.00	\$ 8,500.00	Mike Antos	
PO3285	397	CAPSB	Green House Gas Contract - WECAN	06/20/2016	10/31/2018	\$ 868,153.00	\$ -	\$ 868,153.00	\$ 460,400.54	\$ 407,752.46	Mike Antos	
ECOT397-01	397	Ecotech	WECAN Landscaping Project	05/26/2016	10/31/2018	\$ 1,300,000.00	\$ 2,000.00	\$ 1,302,000.00	\$ 1,120,056.50	\$ 181,943.50	Mike Antos	
ECOT397-02	397	Ecotech	WECAN Landscaping Project	04/04/2017	10/30/2018	\$ 612,000.00	\$ -	\$ 612,000.00	\$ 418,904.00	\$ 193,096.00	Mike Antos	
ECOT397-03	397	Ecotech	WECAN Landscaping Project	03/13/2018	09/30/2018	\$ 27,600.00	\$ -	\$ 27,600.00	\$ 4,500.00	\$ 23,100.00	Mike Antos	

Santa Ana Watershed Project Authority
Open Task Orders Schedule
May 2018
(Reflects Invoices Received as of 06/15/18)

Task Order No. Project Contracts	Fund No.	Vendor Name	Task Description	Begin Date	End Date	Original Contract	Change Orders	Total Contract	Billed To Date	Contract Balance	SAWPA Manager	Comments
GMC397-01	397	Green Media Creations	WECAN Outreach and Management	05/26/2016	10/31/2018	\$ 170,000.00	\$ -	\$ 170,000.00	\$ 170,702.80	\$ (702.80)	Mike Antos	
GMC397-02	397	Green Media Creations	WVWD Turf Removal	04/11/2017	10/30/2018	\$ 80,000.00	\$ -	\$ 80,000.00	\$ 79,744.32	\$ 255.68	Mike Antos	
PO3466	398	California Rural Water Association	Disadvantaged Communities Grant	07/19/2017	04/30/2020	\$ 240,000.00	\$ -	\$ 240,000.00	\$ 52,131.58	\$ 187,868.42	Mike Antos	
DEGR398-01	398	Degrave Communications	Social Meida Support	03/20/2018	06/30/2019	\$ 78,434.00	\$ -	\$ 78,434.00	\$ 3,225.00	\$ 75,209.00	Mark Norton	
PO3463	398	Local Government Commission	Disadvantaged Communities Grant	07/19/2017	04/30/2020	\$ 442,000.00	\$ -	\$ 442,000.00	\$ 153,482.04	\$ 288,517.96	Mike Antos	
PO3551	398	UC Irvine	Disadvantaged Communities Grant	11/06/2017	04/30/2020	\$ 105,000.00	\$ -	\$ 105,000.00	\$ 49,827.83	\$ 55,172.17	Mike Antos	
PO3465	398	University Enterprises Corporation	Disadvantaged Communities Grant	07/19/2017	04/30/2020	\$ 1,290,500.00	\$ -	\$ 1,290,500.00	\$ 57,931.54	\$ 1,232,568.46	Mike Antos	
PO3464	398	Water Education Foundation	Disadvantaged Communities Grant	07/19/2017	04/30/2020	\$ 150,000.00	\$ -	\$ 150,000.00	\$ 4,949.27	\$ 145,050.73	Mike Antos	
CVS504-301-01	504-00	CV Strategies	FAQ on Conservation Based Rates	11/29/2016	08/31/2018	\$ 25,000.00	\$ 600.00	\$ 25,600.00	\$ 18,488.75	\$ 7,111.25	Ian Achimore	
MSS504-301-01	504-00	Miller Spatial Services	Geocoding & Business Type Classification	08/24/2017	12/31/2018	\$ 300,000.00	\$ -	\$ 300,000.00	\$ 68,720.86	\$ 231,279.14	Rick Whetsel	
OMNI504-301-01	504-00	OmniEarth Inc	Web Based Water Consumption Reporting	09/21/2015	12/31/2018	\$ 1,500,000.00	\$ -	\$ 1,500,000.00	\$ 858,679.20	\$ 641,320.80	Mark Norton	
RMC504-401-02	504-04	RMC Water and Environment	SARCCUP Program Mgmt Services	07/01/2017	06/30/2018	\$ 260,515.00	\$ -	\$ 260,515.00	\$ 116,845.85	\$ 143,669.15	Mark Norton	
										<u>\$ 5,902,376.15</u>		

LIST OF SAWPA FUNDS

Fund No.	Fund Description	Fund Group
100-00	General Fund	General
100-03	State Lobbying	General
100-04	Federal Lobbying	General
100-05	Grant Applications	General
130	Proposition 84 – Program Management - Round 1	OWOW
135	Proposition 84 – Program Management – Round 2	OWOW
140	Proposition 84 – Program Management – Drought Round	OWOW
145	Proposition 84 – Program Management – 2015 Round	OWOW
240	Brine Line Enterprise	Brine Line
320-01	Brine Line Protection – Downstream Prado	Capital Projects
320-03	Brine Line Protection Above Prado	Capital Projects
320-04	Brine Line Protection D/S Prado in Riverside County	Capital Projects
326	Reach V Capital Repairs	Capital Projects
327	Reach IV-D Corrosion Repair	Capital Projects
370-01	Basin Planning General	OWOW
370-02	USBR Partnership Studies	OWOW
372	Imported Water Recharge Work Group	Roundtable
373	Watershed Management (OWOW)	OWOW
374	Basin Monitoring Program Task Force	Roundtable
381	Santa Ana River Fish Conservation	Roundtable
384-01	MSAR TMDL Task Force	Roundtable
386	Regional Water Quality Monitoring Task Force	Roundtable
387	Arundo Management & Habitat Restoration	Roundtable
392	Emerging Constituents Task Force	Roundtable
396	Forest First	Roundtable
397	Energy – Water DAC Grant Project	OWOW
398	Proposition 1 - DACI	OWOW
477	LESJWA Administration	Roundtable
504-01	Proposition 84 – Capital Projects Round 1 & 2	OWOW
504-00	Proposition 84 – Drought Capital Projects	OWOW
504-04	Proposition 84 – Final Round SARCCUP	OWOW

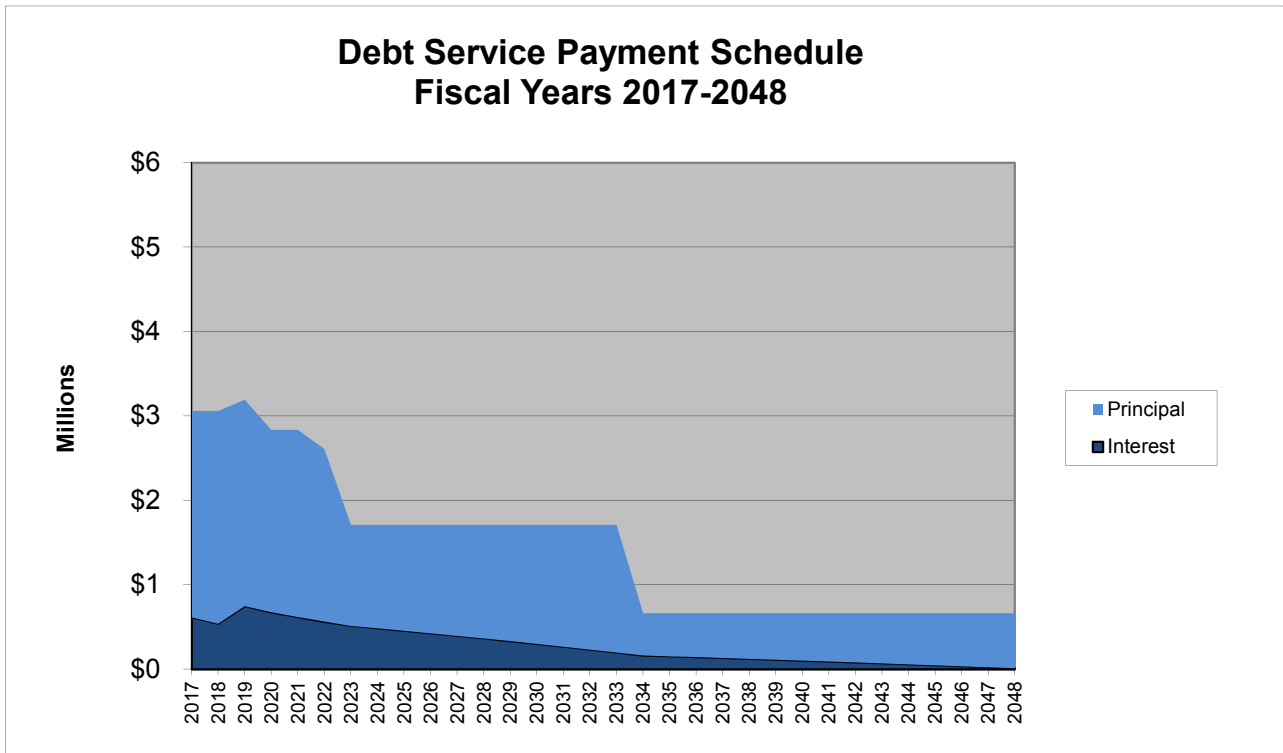
Santa Ana Watershed Project Authority
 Brine Line Debt Service Funding Analysis
 May 31, 2018

FYE	T-Strip Maturity	Capacity Loan Receipts	Rates	Loan Pymts	Interest Earned *	Excess Cash	Ending Cash Balance
	Beginning Balance						3,509,025
2017	949,000	356,251	1,552,521	(3,060,725)	27,407	(175,546)	3,333,479
2018	949,000	356,251	2,136,173	(3,060,725)	66,670	447,368	3,780,848
2019	395,000	89,053	1,708,750	(3,191,277)	26,392	(972,082)	2,808,766
2020	395,000	-	1,708,750	(2,835,027)	56,175	(675,102)	2,133,664
2021	-	-	1,708,750	(2,835,027)	42,673	(1,083,604)	1,050,060
2022	-	-	1,708,750	(2,607,713)	21,001	(877,961)	172,099
2023	-	-	1,708,750	(1,708,750)	3,442	3,442	175,541
2024	-	-	1,708,750	(1,708,750)	3,511	3,511	179,051
2025	-	-	1,708,750	(1,708,750)	3,581	3,581	182,632
2026	-	-	1,708,750	(1,708,750)	3,653	3,653	186,285
2027	-	-	1,708,750	(1,708,750)	3,726	3,726	190,010
2028	-	-	1,708,750	(1,708,750)	3,800	3,800	193,811
2029	-	-	1,708,750	(1,708,750)	3,876	3,876	197,687
2030	-	-	1,708,750	(1,708,750)	3,954	3,954	201,640
2031	-	-	1,708,750	(1,708,750)	4,033	4,033	205,673
2032	-	-	1,708,750	(1,708,750)	4,113	4,113	209,786
2033	-	-	1,708,749	(1,708,749)	4,196	4,196	213,982
2034	-	-	664,476	(664,476)	4,280	4,280	218,261
2035	-	-	664,476	(664,476)	4,365	4,365	222,628
2036	-	-	664,476	(664,476)	4,452	4,452	227,079
2037	-	-	664,476	(664,476)	4,541	4,541	231,621
2038	-	-	664,476	(664,476)	4,632	4,632	236,253
2039	-	-	664,476	(664,476)	4,725	4,725	240,978
2040	-	-	664,476	(664,476)	4,819	4,819	245,797
2041	-	-	664,476	(664,476)	4,916	4,916	250,713
2042	-	-	664,476	(664,476)	5,014	5,014	255,727
2043	-	-	664,476	(664,476)	5,114	5,114	260,841
2044	-	-	664,476	(664,476)	5,217	5,217	266,058
2045	-	-	664,476	(664,476)	5,321	5,321	271,379
2046	-	-	664,476	(664,476)	5,427	5,427	276,806
2047	-	-	664,476	(664,476)	5,536	5,536	282,342
2048	-	-	664,476	(664,476)	5,647	5,647	287,990
	2,688,000	801,554	39,287,083	(46,353,883)	356,209	(3,221,036)	-

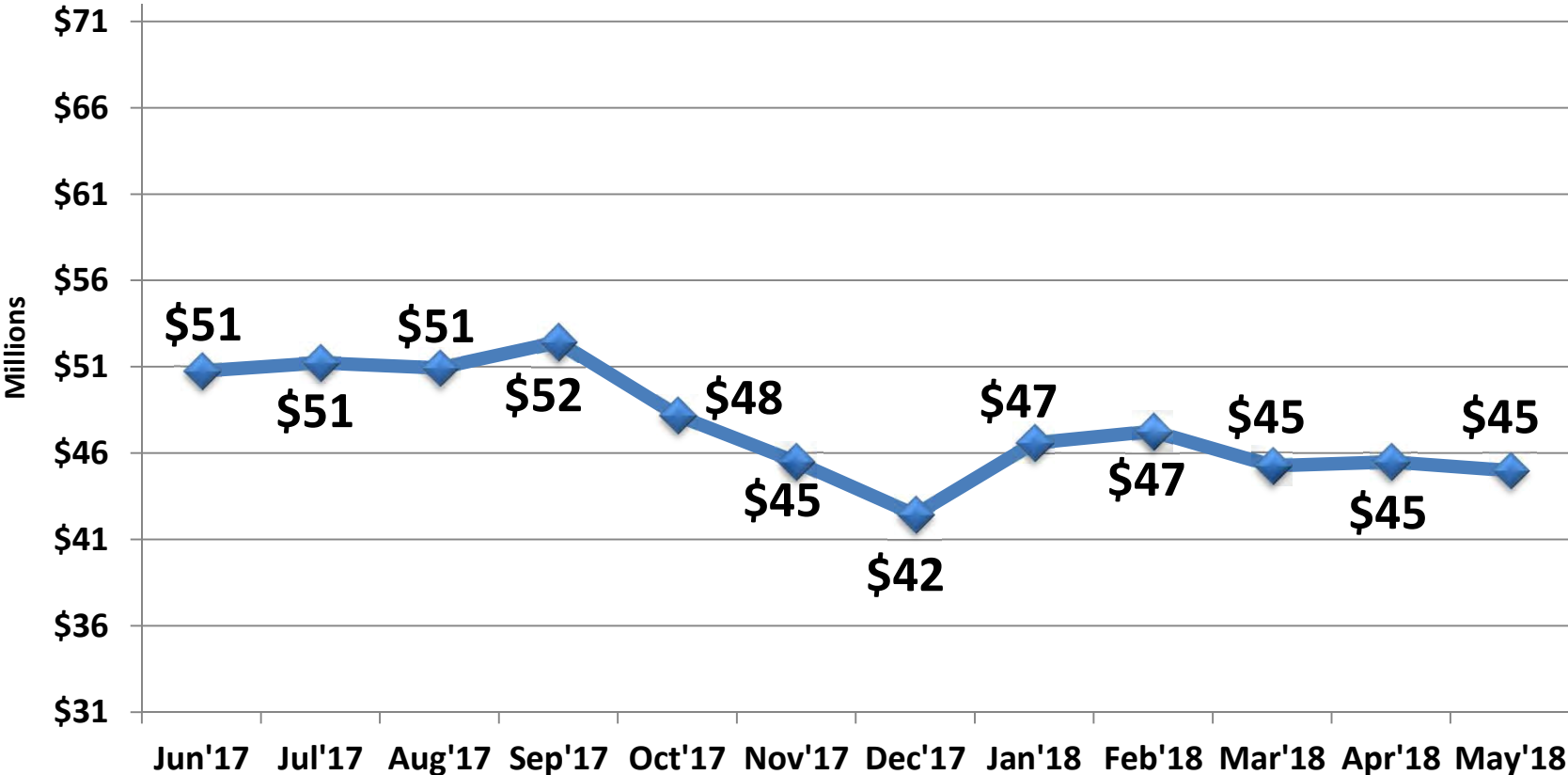
*Interest earned is based on a conservative 2.00% average return over the period

Santa Ana Watershed Project Authority
 Brine Line Debt Service Payment Schedule
 May 31, 2018

FYE	Interest	Principal	Total Payment	New SRF Loan	Remaining Principal
2017	615,366	2,445,358	3,060,725	-	19,706,942
2018	539,727	2,520,997	3,060,725	15,088,592	32,274,537
2019	748,142	2,443,135	3,191,277	-	29,831,402
2020	674,909	2,160,119	2,835,027	-	27,671,283
2021	620,485	2,214,543	2,835,027	-	25,456,740
2022	564,670	2,043,043	2,607,713	-	23,413,697
2023	514,020	1,194,730	1,708,750	-	22,218,967
2024	485,808	1,222,942	1,708,750	-	20,996,026
2025	456,917	1,251,833	1,708,750	-	19,744,193
2026	427,330	1,281,420	1,708,750	-	18,462,774
2027	397,030	1,311,719	1,708,750	-	17,151,054
2028	366,000	1,342,750	1,708,750	-	15,808,304
2029	334,221	1,374,529	1,708,750	-	14,433,776
2030	301,675	1,407,074	1,708,750	-	13,026,701
2031	268,344	1,440,405	1,708,750	-	11,586,296
2032	234,208	1,474,541	1,708,750	-	10,111,755
2033	199,248	1,509,501	1,708,749	-	8,602,254
2034	163,443	501,033	664,476	-	8,101,220
2035	153,923	510,553	664,476	-	7,590,667
2036	144,223	520,254	664,476	-	7,070,413
2037	134,338	530,138	664,476	-	6,540,275
2038	124,265	540,211	664,476	-	6,000,064
2039	114,001	550,475	664,476	-	5,449,589
2040	103,542	560,934	664,476	-	4,888,655
2041	92,884	571,592	664,476	-	4,317,063
2042	82,024	582,452	664,476	-	3,734,611
2043	70,958	593,519	664,476	-	3,141,092
2044	59,681	604,796	664,476	-	2,536,297
2045	48,190	616,287	664,476	-	1,920,010
2046	36,480	627,996	664,476	-	1,292,014
2047	24,548	639,928	664,476	-	652,087
2048	12,390	652,087	664,477	-	(0)



Total Cash & Investments





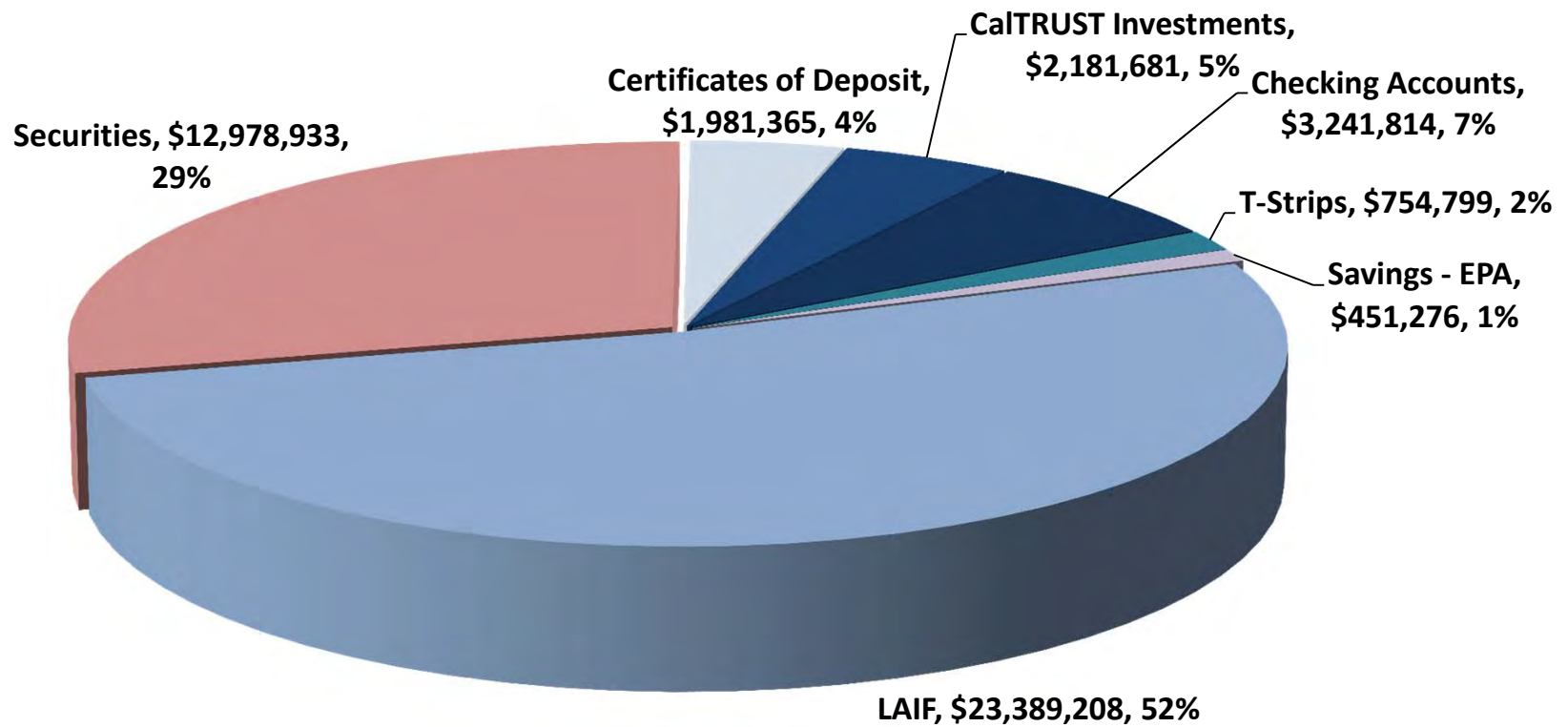
CASH BALANCE & SOURCE OF FUNDS

May 31, 2018

Reserve Accounts		Cash and Investments							
	Total	Checking (Cash)	CalTRUST Investments	LAIF Account	Savings EPA	Investment Securities	Certificates of Deposit	Treasury Strips	Total
100 General Fund	\$ 2,727,169	2,727,169	-	-	-	-	-	-	\$ 2,727,169
100 Building Reserve	\$ 919,426	-	-	919,426	-	-	-	-	\$ 919,426
370 Basin Planning General	\$ 132,193	-	-	132,193	-	-	-	-	\$ 132,193
370 USBR Partnership Studies	\$ 36,498	-	-	36,498	-	-	-	-	\$ 36,498
373 Watershed Management Plan	\$ 65,410	-	-	65,410	-	-	-	-	\$ 65,410
240 Self Insurance Reserve	\$ 3,979,836	-	-	3,979,836	-	-	-	-	\$ 3,979,836
240 Brine Line Debt Retirement	\$ 5,734,037	-	-	4,979,238	-	-	-	754,799	\$ 5,734,037
240 Brine Line - Pipeline Replacement	\$ 11,322,587	-	2,181,681	-	-	7,159,541	1,981,365	-	\$ 11,322,587
240 Brine Line - OCSO Rehabilitation	\$ 3,559,605	-	-	3,559,605	-	-	-	-	\$ 3,559,605
240 Brine Line - Capacity Management	\$ 7,972,430	-	-	2,153,038	-	5,819,392	-	-	\$ 7,972,430
240 Brine Line - OCSO Future Capacity	\$ 1,745,247	-	-	1,745,247	-	-	-	-	\$ 1,745,247
240 Brine Line - Flow Imbalance Reserve	\$ 93,670	-	-	93,670	-	-	-	-	\$ 93,670
240 Brine Line - Operating Reserve	\$ 3,618,830	514,645	-	3,104,185	-	-	-	-	\$ 3,618,830
401 Legal Defense Fund	\$ 451,276	-	-	-	451,276	-	-	-	\$ 451,276
372 Imported Water Recharge	\$ (702)	-	-	(702)	-	-	-	-	\$ (702)
374 Basin Monitoring Program TF	\$ 244,886	-	-	244,886	-	-	-	-	\$ 244,886
381 SAR Fish Conservation	\$ 174,212	-	-	174,212	-	-	-	-	\$ 174,212
384 Middle SAR TMDL TF	\$ 87,400	-	-	87,400	-	-	-	-	\$ 87,400
386 RWQ Monitoring TF	\$ 200,638	-	-	200,638	-	-	-	-	\$ 200,638
387 Mitigation Bank Credits	\$ 950,915	-	-	950,915	-	-	-	-	\$ 950,915
392 Emerging Constituents TF	\$ 91,279	-	-	91,279	-	-	-	-	\$ 91,279
397 Energy - Water DAC Grant	\$ 515,066	-	-	515,066	-	-	-	-	\$ 515,066
504 Prop 84 - SARCCUP Projects	\$ 357,168	-	-	357,168	-	-	-	-	\$ 357,168
	\$ 44,979,078	\$ 3,241,814	\$ 2,181,681	\$ 23,389,208	\$ 451,276	\$ 12,978,933	\$ 1,981,365	\$ 754,799	\$ 44,979,078

Cash & Investments - May 2018

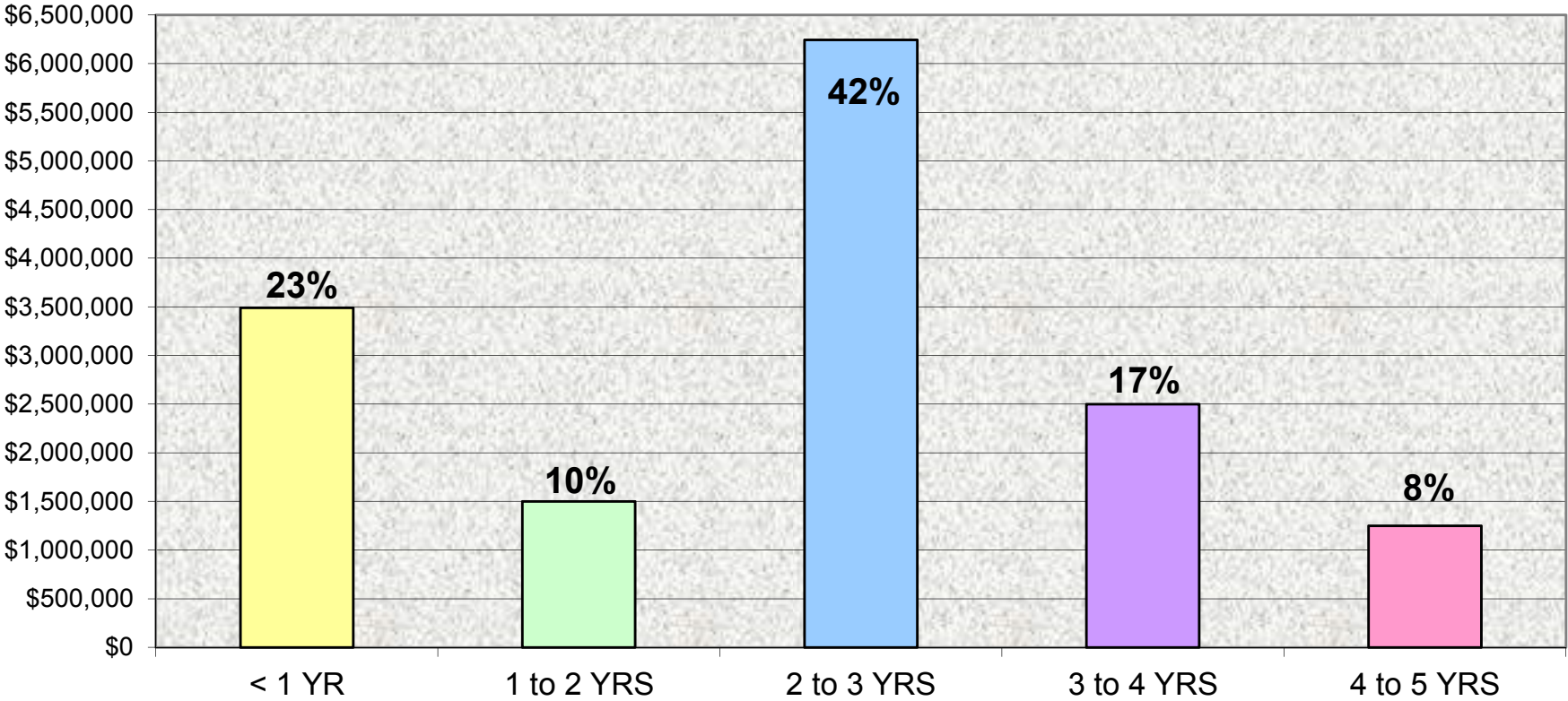
\$44,979,078



Santa Ana Watershed Project Authority
Reserve Account Analysis
May 31, 2018

Reserve Account	Balance @ 6/30/2017	Interest Earned	Fund Contributions	Loan/T-Strip Receipts	Debt Service Payments	Inter-Fund Loans	Fund Expenses	Balance @ 5/31/2018	Estimated Fund Changes	Balance @ 6/30/2018
Brine Line Operating Reserve	4,545,484	42,620	8,424,275				(9,393,550)	3,618,830	-	3,618,830
Flow Imbalance Reserve	84,608	1,003	8,060					93,670	-	93,670
OCSD Future Capacity	1,725,296	19,951						1,745,247	-	1,745,247
Capacity Management	7,851,194	73,131	48,105					7,972,430	-	7,972,430
Pipeline Replacement	13,807,175	116,507	7,218,450				(9,819,544)	11,322,587	7,444,076	18,766,663
OCSD Rehabilitation	7,506,389	53,216	(4,000,000)					3,559,605	-	3,559,605
Debt Retirement	3,333,479	42,345	3,002,432	1,305,251	(2,704,270)			4,979,238	888,790	5,868,027
Self Insurance	3,846,181	42,489	91,667				(500)	3,979,836	(8,333)	3,971,503
General Fund	3,263,214	38,824	681,274			(464,494)	(791,649)	2,727,169	-	2,727,169
Building Reserve	818,646	10,280	100,000				(9,500)	919,426	-	919,426
	46,325,606	440,366	15,574,263	1,305,251	(2,704,270)	(464,494)	(20,014,743)	40,918,038	8,324,532	49,242,571

Twelve Month Maturity Schedule Securities



SAWPA
TREASURER'S REPORT
As of May 31, 2018

Investment T-Strips
Safekeeping US Bank

T-STRIPS	Debt	Purchase Date	Maturity Date	PAR	Cost	Initial Discount	Current Discount	Book Value	Market Value	Interest Rate
USB	TVRI	02/11/2000	05/15/2020	790,000.00	228,677.35	561,322.65	67,583.86	722,416.14	762,640.72	6.38%

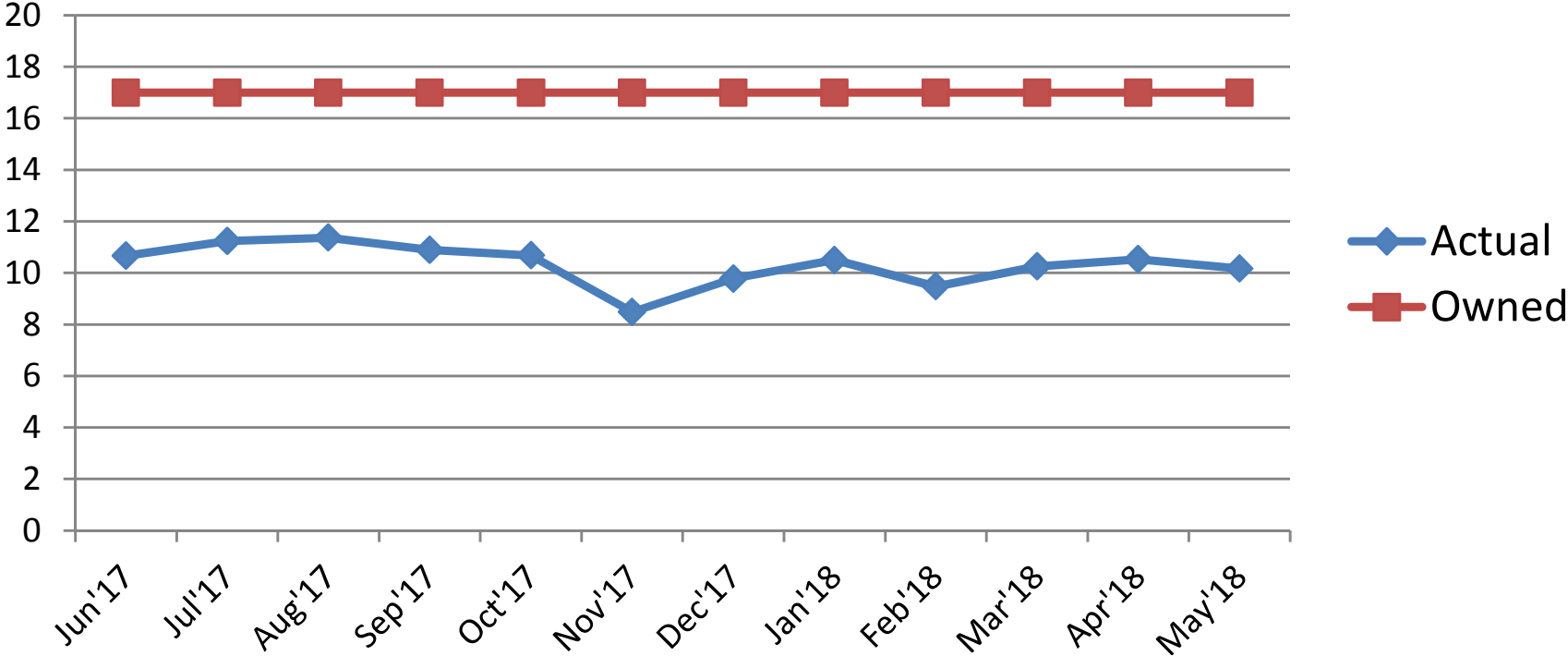
\$ 790,000.00 \$ 228,677.35 \$ 561,322.65 \$ 67,583.86 722,416.14 \$ 762,640.72 6.38%

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	506,254.50	3.75%
Agency	FHLMC	9/16/2016	8/12/2021	100.00	\$ 990,060.00	\$ 1,000,000.00	\$ 1,000,000.00	955,028.00	1.125%
Agency	FHLMC	4/17/2017	1/13/2022	102.55	\$ 512,767.00	\$ 500,000.00	\$ 500,000.00	495,019.50	2.375%
Agency	FHLB	5/26/2015	6/14/2019	100.80	\$ 504,015.00	\$ 500,000.00	\$ 500,000.00	496,603.00	1.63%
Agency	FHLB	6/16/2016	6/12/2020	102.61	\$ 1,026,088.00	\$ 1,000,000.00	\$ 1,000,000.00	985,313.00	1.75%
gency	FHLB	12/14/2017	6/10/2022	99.89	\$ 998,930.00	\$ 1,000,000.00	\$ 1,000,000.00	978,336.00	2.125%
Agency	FNMA	3/27/2014	2/19/2019	100.40	\$ 501,975.00	\$ 500,000.00	\$ 500,000.00	498,857.50	1.88%
Agency	FNMA	12/28/2015	12/28/2020	100.21	\$ 1,002,140.00	\$ 1,000,000.00	\$ 1,000,000.00	983,910.00	1.88%
Agency	FNMA	6/16/2016	11/30/2020	101.52	\$ 1,015,157.00	\$ 1,000,000.00	\$ 1,000,000.00	975,743.00	1.50%
Agency	USTN	11/17/2015	11/30/2018	100.00	\$ 1,002,500.00	\$ 1,000,000.00	\$ 1,000,000.00	995,781.00	1.25%
Agency	USTN	11/17/2015	10/31/2020	100.00	\$ 1,005,312.50	\$ 1,000,000.00	\$ 1,000,000.00	982,734.00	1.75%
Agency	USTN	11/17/2015	11/30/2019	100.00	\$ 1,001,210.94	\$ 1,000,000.00	\$ 1,000,000.00	987,344.00	1.50%
Agency	USTN	6/17/2016	8/31/2020	101.13	\$ 507,070.31	\$ 500,000.00	\$ 500,000.00	488,105.50	1.38%
Agency	USTN	6/16/2016	9/30/2020	101.12	\$ 506,992.19	\$ 500,000.00	\$ 500,000.00	487,656.00	1.38%
Agency	USTN	6/16/2016	10/31/2020	101.12	\$ 506,914.06	\$ 500,000.00	\$ 500,000.00	487,051.00	1.38%
Agency	USTN	12/14/2017	7/31/2021	96.91	\$ 969,062.50	\$ 1,000,000.00	\$ 1,000,000.00	956,172.00	1.125%
CORP	Toyota Motor Credit	9/15/2016	7/13/2018	100.00	\$ 504,057.50	\$ 500,000.00	\$ 500,000.00	499,526.50	1.55%
CD	Ally Bank	4/20/2017	4/20/2020	100.00	\$ 248,000.00	\$ 248,000.00	\$ 248,000.00	248,000.00	1.80%
CD	American Exp Centurion	4/19/2017	4/19/2021	100.00	\$ 248,000.00	\$ 248,000.00	\$ 248,000.00	248,000.00	2.25%
CD	American Express BK FSB	5/10/2017	5/10/2021	100.00	\$ 248,000.00	\$ 248,000.00	\$ 248,000.00	248,000.00	2.20%
CD	Capital One Bank USA NA	9/30/2015	10/1/2018	100.00	\$ 248,000.00	\$ 248,000.00	\$ 248,000.00	247,607.99	1.65%
CD	Capital One NA	9/30/2015	10/1/2018	100.00	\$ 248,000.00	\$ 248,000.00	\$ 248,000.00	247,607.99	1.65%
CD	Wells Fargo Bank NA	12/2/2015	12/3/2018	100.00	\$ 245,000.00	\$ 245,000.00	\$ 245,000.00	243,933.44	1.45%
CD	Goldman Sachs Bank USA	12/20/2017	12/20/2022	100.00	\$ 248,000.00	\$ 248,000.00	\$ 248,000.00	248,000.00	2.50%
CD	National Bank of NY	6/18/2014	6/18/2018	100.00	\$ 248,000.00	\$ 248,000.00	\$ 248,000.00	247,901.67	1.30%

\$ 15,081,902.00 \$ 14,981,000.00 \$ 14,981,000.00 14,738,485.59 1.76%

Average Daily Flow by Month





SUMMARY OF LABOR MULTIPLIERS

		Benefit Rate
Total Employee Benefits	1,183,102	0.389
Total Payroll	3,044,109	
Gross Indirect Costs	2,784,643	
Less: Member Contributions & Other Revenue	(412,500)	
Indirect Costs for Distribution	2,372,143	
		Indirect Rate
Direct Labor	1,630,351	1.455
Indirect Costs	2,372,143	

FY 2017-18 Labor multiplier - thru 05/31/18	1.844
FY 2016-17 Labor multiplier	<u>1.901</u>
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>



INDIRECT COSTS

(to be Distributed)

<u>G/L Acct.</u>	<u>Description</u>	<u>Actual thru 5/31/18</u>
51000	Salaries - Regular	\$ 1,413,758
52000	Benefits	\$ 476,742
60111	Tuition Reimbursement	\$ -
60112	Training	\$ 6,316
60113	Education	\$ 1,789
60114	Other Training & Education	\$ 8,282
60120	Audit Fees	\$ 24,270
60121	Consulting	\$ 203,138
60126	Temporary Services	\$ 3,126
60128	Other Professional Services	\$ 700
60129	Other Contract Services	\$ -
60130	Legal Fees	\$ 15,151
60133	Employment Recruitment	\$ -
60153	Materials & Supplies	\$ 237
60154	Safety	\$ 3,248
60155	Security	\$ 2,715
60156	Custodial Contract Services	\$ 15,022
60157	Landscaping Maintenance	\$ 15,258
60158	HVAC	\$ 4,588
60159	Facility Repair & Maintenance	\$ 19,562
60160	Telephone	\$ 17,208
60161	Cellular / Paging Services	\$ 13,006
60163	Electricity	\$ 16,917
60164	Water Services	\$ 6,910
60170	Equipment Expensed	\$ 11,104

(Continued - next column)

<u>G/L Acct.</u>	<u>Description</u>	<u>Actual thru 5/31/18</u>
60171	Equipment Rented	\$ 32,190
60172	Equipment Repair / Maintenance	\$ 282
60180	Computer Hardware	\$ 9,753
60181	Software / Updates / Licensing	\$ 79,305
60182	Internet Services	\$ 10,192
60183	Computer Supplies	\$ 2,318
60184	Computer Repair / Maintenance	\$ 253
60190	Offsite Meeting / Travel Expense	\$ 2,350
60191	In House Meetings	\$ 2,502
60192	Conference Expense	\$ 12,411
60193	Car, Repair, Maint	\$ -
60200	Dues	\$ 25,137
60202	Subscriptions	\$ 7,052
60203	Contributions	\$ 6,600
60210	Bank Charges	\$ -
60211	Shipping / Postage	\$ 1,386
60212	Office Supplies	\$ 10,189
60213	Offsite Storage	\$ 4,417
60220	Commission Fees	\$ 46,800
60221	Commission Mileage Reimb.	\$ 6,018
60222	Other Commission Expense	\$ 239
60230	Other Expense	\$ 4,216
80000	Retiree Medical Expense	\$ 103,583
80001	Insurance Expense	\$ 29,882
80000	Building Repair/Replacement Reserve	\$ 91,667
13005	Fixed Assets	\$ 16,856

Total Costs \$ 2,784,643

Direct Costs Paid by Projects	\$ 2,183,510
Member Contribution Offset	\$ 412,500
	\$ 2,596,010

Over allocation %	-8.0%
Over (Under) Allocation of General Fund Costs	\$ (188,633)



BENEFITS SUMMARY

(Distributed based on Actual Labor)

<u>G/L Acct</u>	<u>Description</u>	<u>Budget</u>	<u>Actual @ 5/31/18</u>	<u>Projected FYE 2018</u>
70101	FICA Expense	185,067 \$	150,341 \$	164,008
70102	Medicare Expense	52,612 \$	41,929 \$	45,741
70103	State Unemployment Insurance	5,712 \$	5,078 \$	6,300
70104	Worker's Compensation Insurance	80,165 \$	69,015 \$	68,288
70105	State Disability Insurance	24,702 \$	20,794 \$	22,684
70106	PERS Pension Plan	662,665 \$	451,271 \$	492,296
70111	Medical Expense	445,725 \$	380,273 \$	414,843
70112	Dental Expense	31,680 \$	24,991 \$	27,263
70113	Vision Insurance	8,014 \$	6,483 \$	7,072
70114	Life Insurance Expense	15,491 \$	13,220 \$	14,422
70115	Long Term Disability	17,956 \$	14,738 \$	16,078
70116	Wellness Program Expense	3,500 \$	1,169 \$	1,275
70117	401a Profit Sharing - Employers Contribution	-	-	-
70120	Car Allowance	36,000 \$	3,800 \$	4,145
	Total Benefits	1,569,289	1,183,102	1,284,416
	Total Payroll	3,592,414 \$	3,044,109 \$	3,320,846
	Benefits Rate	43.7%	38.9%	38.7%

Santa Ana Watershed Project Authority
Labor Hours Budget vs Actual
Month Ending May 31, 2018

	Fund	Budget	Actual	%
100	General & Administrative	23,953	24,294	101.42%
130	Prop 84 Round 1 Administration	925	574	62.05%
135	Prop 84 Round 2 Administration	865	535	61.82%
140	Prop 84 2014 Drought Administration	655	630	96.11%
145	Prop 84 Final Round Administration	1,750	728	41.57%
240	Brine Line Enterprise	17,550	15,199	86.60%
320	Brine Line Protection	250	17	6.60%
326	Reach V Capital Repairs	2,171	1,525	70.26%
327	Reach IV-D Corrosion Repairs	755	216	28.54%
370-01	General Basin Planning	2,480	1,543	62.23%
370-02	USBR Partnership Studies	115	24	20.65%
372	Imported Water Recharge	45	82	181.11%
373	Watershed Management Plan	2,895	1,903	65.73%
374	Basin Monitoring Program	435	460	105.80%
381	SAR Fish Conservation	200	235	117.50%
384-01	Chino TMDL Facilitation	150	174	116.17%
386MONIT	Storm Water Quality Standards TF	110	132	119.77%
386STORM	Storm Water Quality Standards TF	-	-	100.00%
387	Arundo Removal & Habitat Restoration	185	99	53.51%
392	Emerging Constituents	56	63	112.05%
396	Forest First	30	-	0.00%
397	Water-Energy Grant Administration	480	256	53.28%
397EXPAN	Water-Energy WVWD Administration	-	58	100.00%
398ADMIN	DACI Grant	2,395	736	30.74%
477TMDL	LESJWA - TMDL Task Force	760	619	81.48%
477-02	LESJWA - Administration	355	397	111.85%
504-301A	Prop 84 2014 Drought Implementation	995	289	29.05%
504-301C	Prop 84 2014 Drought Implementation	685	717	104.64%
504-4011	Prop 84 Final Round Implementation	140	64	45.54%
504-401PA23	Prop 84 Final Round Implementation	430	147	34.24%
504-402SMART	Prop 84 Final Round Implementation	265	69	25.85%
		62,080	51,782	83.41%

Note: Should be at 91.67% of budget for 11 months



SAWPA OWOW Status Report 4/1/18 thru 6/30/18



PROJECT	DESCRIPTION	STATUS	FUTURE TASKS/DEADLINES	FUTURE MEETING DATES
OWOW	Integrated Planning Process for the Santa Ana River Watershed	<ul style="list-style-type: none"> • The OWOW plan update is proceeding on schedule. During the quarter all ten Pillar workgroups submitted final draft chapters. • SAWPA remains strongly engaged with the statewide Roundtable of Regions, which is working directly with DWR on the development of Prop 1 implementation grant program. • During the period the OWOW Steering Committee and two meetings of the Pillar Chairs engaged with the Rating and Ranking system for selecting projects in the competition for the upcoming Prop 1 IRWM Implementation grants. • Work continues in partnership with the DWR consultant team to update the Watershed Health Report Card in OWOW 2.0 Plan. • Work continues with the US Department of the Interior Bureau of Reclamation in support of the climate change aspects of the OWOW Plan Update 2018 • During the period it was decided to hold the next State of the Santa Ana River Watershed Conference on March 29, 2019 at CSU Fullerton. An agreement was executed with Water Education Foundation in support of developing and conducting the conference. 	<ul style="list-style-type: none"> • Finalize an administrative draft of the OWOW Plan Update 2018 for a public comment period. • Prepare and conduct competition for projects seeking Prop 1 Implementation grants. • Continue work with DWR contractors to complete Sustainability Outlook pilot program. 	<p>7/17/18 SAWPA Commission Status Report</p> <p>7/26/18 OWOW Steering Committee</p> <p>8/23/18 Pillar Integration</p> <p>09/27/2018 OWOW Steering Committee</p>
	Disadvantaged Community Involvement (DCI) Program	<ul style="list-style-type: none"> • Strength & Needs Assessment process continues apace. • Using an ethnographically-informed interview instrument for gathering information developed by DCI partner, UCI, interviews and listening sessions were conducted across the watershed. • Placed fifteen interns at water agencies and non-profits in the region to support community engagement efforts. • Two CivicSpark Water Fellows remain tasked to SAWPA, funded by this program, in support of its many programmatic dimensions. • During the period worked to finalize an MOU between SAWPA and the Housing Authority of the City of Riverside to work collaboratively on the environmental and social impacts of homelessness. • Kicked off work with DeGrave Communications to undertake the Trust the Tap campaign to encourage the use of public tap water vs. bottle water particularly by disadvantaged communities or immigrant communities who do not have a high levels of trust in potable water safety from their 	<ul style="list-style-type: none"> • Finish data collection for Strengths & Needs Assessment, begin data analysis and report writing • Place an additional 10-12 Community Water Interns in watershed agencies or nonprofits. • Hold workshop with public agencies about Trust the Tap program and support services. 	

SAWPA OWOW Status Report 4/1/18 thru 6/30/18

		<p>countries of origin. List of disadvantaged communities and types of languages were compiled. A future workshop is planned to share program with interested agencies.</p> <ul style="list-style-type: none"> Water agency reps were being contacted and invited to serve on DCI Technical Committee. 		
Emergency Drought Grant Program Implementation	Region-wide water demand reduction program for the Santa Ana River Watershed through the Project Agreement (PA) 22 Committee	<ul style="list-style-type: none"> The PA22 Committee met on April 26 and June 28, 2018. The SAWPA consultant, EagleView (formerly OmniEarth) completed work with retail agencies participating in the Web-based Water Consumption, Analytics and Customer Engagement program. Eagle View is working on final revisions to the grant project report, which is expected to be completed/ submitted by mid-July 2018. The SAWPA consultant, Miller Spatial, is fully engaged in implementing the Retail Water Agency Meter Geocoding and Business Type Classification Program (geocoding program). Miller Spatial has signed memorandums of understanding and working with 21 retail agencies. In addition, to the work for the individual retail agencies, Miller Spatial is also working to complete NAICS business type coding for all commercial businesses located in the watershed (excluding home businesses). The SAWPA consultant, Esri, released for review a draft GIS web-application for review by SAWPA staff. A final GIS web-application is expected to be completed by mid-August 2018. Staff provided an overview of the future water use efficiency program activities of the SAWPA member agencies as well as the Municipal Water District of Orange County. Staff also provided an overview of the possible focus of the Committee going forward which included support tools to retail water agencies to assist them in compliance with the recently signed bills SB 606 (Hertzberg) and AB 1668 (Friedman). 	<ul style="list-style-type: none"> Support the remaining three retail agencies who are studying conservation-based rates (Chino, Chino Hills and Hemet). EagleView submit final Grant Project report. Miller Spatial to present the results of the Geocoding Program to the PA 22 Committee in August 2018. Miller Spatial to initiate a second round of retail agency sign-ups in September 2018. Esri is under contract to complete revisions on the GIS web-application by mid-August 2018. SAWPA staff will schedule a public workshop in late August to demonstrate the full capabilities of the Esri GIS web-application to water retail agencies. Develop a presentation for a future ACWA presentation focused on the data-related tools that have been created under the Program. 	<p>7-17-2018 Commission Meeting to finalize conservation-based rate agreement amendments</p> <p>7-26-18 PA 22 Committee,</p> <p>8-23-18 PA 22 Committee meeting</p> <p>9-20-18 PA 22 Committee meeting</p>
Santa Ana River Conservation and Conjunctive Use Program	Implementation of SARCCUP (which includes conjunctive use, fish habitat, invasive weed removal, and water	<ul style="list-style-type: none"> Staff worked with the SARCCUP agencies on preparing for the PA 23 Committee meeting that occurred June 5, 2018. Orange County Coastkeeper began implementing the Smartscape Program with workshops and residential site visits focused on educating customers on drought tolerant landscape maintenance. Some issues reported about services rendered so some member agencies are choosing alternative 	<ul style="list-style-type: none"> Present the final CH2M Decision Support Modeling report to the PA 23 Committee. Provide the final SARCCUP AWWA presentation to the PA 23 Committee. 	Bi-weekly SARCCUP Planning Manager meetings.

**SAWPA OWOW Status Report
4/1/18 thru 6/30/18**

(SARCCUP) Implementation	use efficiency programs) through the PA 23 Committee.	support services under the Smartscape Program.		August 7, 2018 PA 23 Meeting
Prop 84 IRWM Round 1	Grant administration of Prop 84 IRWM Round 1	<ul style="list-style-type: none"> 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. 	<ul style="list-style-type: none"> 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. 	7-17-18 Quarterly Report to SAWPA Commission
Prop 84 IRWM Round 2	Grant administration of Prop 84 IRWM Round 2	<ul style="list-style-type: none"> 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. 	<ul style="list-style-type: none"> 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. 	7-17-18 Quarterly Report to SAWPA Commission
Prop 84 IRWM Drought Round	Grant administration of Prop 84 IRWM Drought Round	<ul style="list-style-type: none"> Staff worked with the Department of Water Resources to process the grant agreement amendment which was approved by DWR on June 7, 2018. Staff prepared three monthly progress report and invoices to the DWR during the reporting period. 	Finalize three progress reports/invoices during the next quarter.	7-17-18 Commission Meeting to finalize

**SAWPA OWOW Status Report
4/1/18 thru 6/30/18**

				<p>conservation-based rate agreement amendments</p> <p>7-26-18 PA 22 Committee</p> <p>8-23-18 PA 22 Committee meeting</p>
Prop 84 IRWM 2015 Round	Grant administration of Prop 84 IRWM 2015 Round	<ul style="list-style-type: none"> • Staff prepared and reviewed the grant invoice and progress report for the second reporting period that was due to DWR on March 31, 2018 • Based on the PA 23 Committee's December 5, 2017 decision to streamline SARCCUP implementation and remove and replace certain facilities in the watershed-wide groundwater bank, staff provided a Grant Agreement amendment to DWR in April. The amendment included modifications to the SARCCUP project as well as the other two projects that are funded by the Prop 84 2015 Round: Orange County Sanitation District's Newhope-Placentia Trunk Sewer Replacement Project and Riverside County Flood Control District's 2015 Integrated Watershed Protection Program. 	<ul style="list-style-type: none"> • Work with the project proponents on finalizing their Sub-Grantee Agreement amendments so they reflect the DWR-SAWPA Grant Agreement amendment. The remaining SARCCUP agencies are planning to bring their SAWPA sub-agreements to their boards by the fourth quarters of 2018. • Completing the second quarterly report/invoice of 2018 by August 31, 2018. • A status report about the DWR Agreement Amendment and the SAWPA/SARCCUP agencies Sub-agreements will be provided to the PA 23 Committee. • Finalize the required project monitoring plans per the DWR Grant Agreement. • Submit CEQA documents to DWR. 	<p>Bi-weekly SARCCUP Planning Manager meetings.</p> <p>8-7-18 PA 23 Meeting</p>



SAWPA Roundtables Status Report

4/1/18 thru 6/30/18



PROJECT	DESCRIPTION	STATUS	FUTURE TASKS/DEADLINES	FUTURE MEETINGS
Middle Santa Ana River (MSAR) Pathogen TMDL Task Force	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"> • Task Force Administration by SAWPA continues. • Management and review of consultant contracts, project invoices and annual Task Force budget by staff continues. • Staff continues to collect signatures from stakeholders for the amendment to extend the MSAR Task Force agreement for an additional 5-year term. • Task Force consultant Tim Moore/Risk Sciences continues his effort to orchestrate the TMDL Implementation strategy for the MSAR TMDL Task Force. • The Task Force continues their effort to support the implementation of the Riverside / San Bernardino Counties CBRP in coordination with the MSAR TMDL Task Force. • Staff shared with the Task Force an outreach brochure about MSAR Task Force prepared by Woodard & Curran. This brochure is intended to aid in sharing the successes and results of the Task Force with elected officials. 	<ul style="list-style-type: none"> • Amendment to extend the Task Force agreement for an additional 5-year term is still being circulated for final signatures by all parties. • Staff will prepare and issue invoices to stakeholders for the FY 2018-19 Task Force budget in July 2018. • In Fall 2018 the Task force will petition the Regional Board to initiate an effort to update and revise the MSAR TMDLs. • In Fall 2018 the Task Force will initiate an effort to develop the 2019 TMDL Triennial Progress Report 	8-15-18 Task Force Meeting
	TMDL Task 3 Watershed Monitoring Program	<ul style="list-style-type: none"> • MSAR TMDL Compliance monitoring is now conducted as a component of the Santa Ana River Bacteria monitoring program implemented through the Regional Water Quality Monitoring Task Force. • The draft 2017-2018 Annual Santa Ana River Regional Bacteria Monitoring Program Report was distributed to stakeholders for comment and review in April 2018. • In May 2018, CDM Smith initiated efforts to begin implementation of the 2018-19 Santa Ana River Watershed Bacteria Water Quality Monitoring Program. • The final 2017-2018 Annual Santa Ana River Regional Bacteria Monitoring Program Report was submitted to the Regional Board on July 1, 2018. 	<ul style="list-style-type: none"> • In fall 2018 the Task force will initiate an effort to evaluate the impacts to the TMDLs from the new Statewide Bacteria Criteria. 	

SAWPA Roundtables Status Report

4/1/18 thru 6/30/18

PROJECT	DESCRIPTION	STATUS	FUTURE TASKS/DEADLINES	FUTURE MEETINGS
	TMDL Task 4 Source Evaluation and Management	<ul style="list-style-type: none"> • MSAR TMDL Task Force meetings continue to be used as a forum for stakeholders to update Regional Board staff on their CBRP implementation activities. • At the June 19, 2018 Task Force meeting, Regional Board staff announced that there were no violations identified through their audit of the Riverside and San Bernardino Counties Comprehensive Bacteria Reduction Plan (CBRP) implementation program. • SAWPA acts as the contracting party for the benefit of Task Force agencies to implement specific studies and projects to support each County's Comprehensive Bacteria Reduction Plan implementation activities. • All current source evaluation work relating to the bacteria indicator TMDLs is being conducted through the individual Counties MS4 program to implement their respective Comprehensive Bacteria Reduction Plans. 	<ul style="list-style-type: none"> • All current deliverables related to the implementation of the Counties Comprehensive Bacteria Reduction Plans are currently being addressed by individual agencies. • In July 2018, Regional Board is expected to release a final report detailing the findings of their audit. • In fall 2018 the Task force will work to address the findings of the Regional Board CBRP audit. 	
Lake Elsinore and Canyon Lake Nutrient TMDL Task Force	Implement TMDLs to address water quality issues relating to excess nutrients in Lake Elsinore and Canyon Lake.	<ul style="list-style-type: none"> • Task Force administration by LESJWA continues. • LESJWA staff continues to coordinate issues relating to stakeholder load/cost allocations, in-lake modeling, and the design on in-lake treatment projects with various consultants. • LESJWA staff continues management and review of consultant contracts, project invoices and annual Task Force budget. • The LESJWA Board removed the proposed contribution of funding from the LEAPS proponents. The Task Force has requested policy direction and guidance from the LESJWA Board as to when or if private outside parties such as LEAPS and CR&R and their funding contributions should be accepted by the Task Force. • LESJWA Staff continues to collect signatures from stakeholders for the amendment for extending the task force agreement an additional 5-year term. • 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. • CDM Smith continues their effort to prepare a technical document to revise and update the Lake Elsinore and Canyon Lake nutrient TMDLs. • CDM Smith has released to the Task Force for review and comment a draft of the complete TMDL technical Document Update. 	<ul style="list-style-type: none"> • Amendment to extend the Task Force agreement for an additional 5-year term is still being circulated for final signatures by all parties. • Staff will prepare and issue invoices to stakeholders for the FY 2018-19 Task Force budget in July 2018. • CDM Smith intends to submit the complete TMDL revision package to Regional Board by September 2018. 	8-15-2018 Task Force Mtg.

SAWPA Roundtables Status Report

4/1/18 thru 6/30/18

PROJECT	DESCRIPTION	STATUS	FUTURE TASKS/DEADLINES	FUTURE MEETINGS
	TMDL Task 4 Monitoring Program	<ul style="list-style-type: none"> • Wood Env (formerly Amec Foster Wheeler) continues to implement the Phase 2 TMDL Compliance Monitoring Program. • The 2017-2018 Quarter 2 Report of LE&CL TMDL Water Quality Monitoring was submitted to stakeholders as final on February 26, 2018. • In April 2018 Wood Env. completed FY 2017-18 cyanotoxin monitoring for the Task Force. No cyanotoxin monitoring is planned for FY 2018-19 at either lake due to no formal regulations from the State that require this work under the TMDL. 	<ul style="list-style-type: none"> • Task Force awaits response from EPA regarding comments voicing their concerns on the Draft Aluminum Criteria • A draft of the 2017-2018 LE&CL TMDL Annual Water Quality Monitoring report is expected to be released to stakeholders by August 15 2018 	
	TMDL Task 9 Lake Elsinore TMDL Compliance Implementation Activities	<ul style="list-style-type: none"> • Work relating to the implementation of Lake Elsinore In-Lake Sediment Nutrient Reduction Plan performed in conjunction with the RCFC&WCD MS4 Comprehensive Nutrient Reduction Plan continues. • LESJWA staff finalized the 2016 Lake Elsinore Aeration and Mixing System (LEAMS) excess offset credit accounting report to the LEAMS Operators in May 2018. • On May 15, 2018 LESJWA staff facilitated a meeting a LEAMS TAC meeting to discuss issues related to the administration of the Offset Licensing program and operation of LEAMS. At this meeting it was recommended to evaluate the following in support of on-going LEAMS O&M: <ul style="list-style-type: none"> - Study of Lake Elsinore water chemistry wrt the benefits generated by LEAMS. - Conduct a lifecycle assessment of LEAMS infrastructure. - Conduct an assessment of the LEAMS operational Strategy and evaluation of new technologies to improve operational efficiency. • LESJWA staff completed efforts to collect funding from stakeholders for 2017 LEAMS excess offset credits. Payment of these collected funds will then be made to the LEAMS operators. 	<ul style="list-style-type: none"> • LESJWA/SAWPA staff will continue coordination with LEAMS Operators on the availability and pricing of future LEAMS offset credits to Task Force stakeholders. • LESJWA Staff to issue a Draft 2017 Lake Elsinore Aeration and Mixing System (LEAMS) excess offset credit accounting report to the LEAMS Operators in August 2018. • LESJWA Staff to issue a RFP for services to support LEAMS O&M in September 2018. • LESJWA Staff to issue a RFP to implement a comprehensive suite of Lake Elsinore Fishery Management Program activities in September 2018. 	

SAWPA Roundtables Status Report

4/1/18 thru 6/30/18

PROJECT	DESCRIPTION	STATUS	FUTURE TASKS/DEADLINES	FUTURE MEETINGS
	TMDL Task 10 Canyon Lake TMDL Compliance Implementation Activities	<ul style="list-style-type: none"> • Work relating to the implementation of Canyon Lake In-Lake Sediment Treatment Evaluation performed in conjunction with the RCFC&WCD MS4 program Comprehensive Nutrient Reduction Plan continues. • LESJWA staff continues as the lead implementing agency for the Canyon Lake Hybrid System (Canyon Lake Alum dosing project). 	<ul style="list-style-type: none"> • A Canyon Lake Alum project coordination call among the parties of interest will be scheduled for late August in preparation of the next alum application scheduled for September 2018. • The first annual Canyon Lake Alum project post performance monitoring report is due in September 2018. 	
	TMDL Task 11 Model Update	<ul style="list-style-type: none"> • Dr. Michael Anderson/U.C. Riverside completed modeling to support the effort by CDM Smith to revise and update the LE&CL nutrient TMDLs. 	<ul style="list-style-type: none"> • No modeling to support the TMDL is planned. 	
Basin Monitoring Program Task Force	Annual Monitoring Report	<ul style="list-style-type: none"> • A reformatted draft 2017 annual SAR water quality report has been completed and distributed to the Task Force for review and comments. The Regional Board had several comments arising from the 303d listing which will result in a delay of the deliverable. 	<ul style="list-style-type: none"> • Staff sent a letter to the Regional Board on behalf of the Basin Monitoring Program Task Force to request a postponement of the deadline for the report deliverable. 	8-14-18 BMP Task Force
	Basin Plan Amendment for SAR Wasteload Allocation and Chino South Objective Revision Triennial Ambient Water Quality Update	<ul style="list-style-type: none"> • A report was made to the Basin Monitoring Program Task Force by the Regional Board staff that the Regional Board passed a resolution to accept the 1996-2015 AWQ Update determinations and assimilative capacity findings. • The Task Force recommended that the Scoping Committee for the next Triennial Ambient Water Quality Update be reconvened in October 2018 in order to conduct an RFP for a new consultant. The past consultant, CDM Smith, had some management and staffing changes and is no longer engaged in this type of work. 	<ul style="list-style-type: none"> • Preparation of a new RFP for consultant services for preparation of the next 1999-2018 Triennial Ambient Water Quality Update will be started in late 2018 to allow sufficient time for consultant selection by March 2019 and work completion by July 2020. 	Oct. 2018 Scoping Committee kickoff meeting for next Triennial Ambient Water Quality Update

SAWPA Roundtables Status Report

4/1/18 thru 6/30/18

PROJECT	DESCRIPTION	STATUS	FUTURE TASKS/DEADLINES	FUTURE MEETINGS
	Santa Ana River Wasteload Allocation Update	<ul style="list-style-type: none"> • Work continues on the Santa Ana River Wasteload Allocation under a contract with Geoscience Inc. The work includes using a new model. Work has now been completed on the calibration of the model based on daily and monthly streamflows at key monitoring locations reflecting very good calibration performance using statistical R² analysis techniques. • The second task report discusses the assumptions made for the model calibration. The task report now reflects responses from the Task Force and additional work requested under a peer review workshop that SAWPA held regarding the model. On June 20th Risk Sciences rereviewed with the Task Force some of the nuisances of the HSPF model vs. the previous Wasteload allocation to ensure the Task Force was satisfied on the approach since the consultant is about to conduct model scenario runs. 	<ul style="list-style-type: none"> • Technical Memos 3-6 as well as the Draft Study Report are anticipated to be submitted in the next quarter. 	8-14-18 Task Force Mtg.
	Drought Policy	<ul style="list-style-type: none"> • The Regional Board has defined the creation of a new drought policy as one of their triennial Basin Plan priorities. • Tim Moore of Risk Sciences worked with the BMP TF and the Southern California Salinity Coalition (SCSC) to develop an outline of the work necessary to justify a new Drought Policy. • The consultant for SCSC, CDM Smith, using their subconsultant, Daniel B. Stephens Inc., has now completed the final analysis report about the TDS trends due to the drought experienced by several So Cal agencies. A presentation about the final analysis report was presented to the BMP Task Force. • A draft outline for developing a new policy and suggested revisions to waste discharge permits has been prepared by Risk Sciences and was discussed in the Task Force meeting in May 2018. 	<ul style="list-style-type: none"> • Awaiting feedback from the Regional Board on suggested edits and more discussion will arise in Task Force meetings over the next quarter. 	8-14-18 Task Force Mtg

SAWPA Roundtables Status Report

4/1/18 thru 6/30/18

PROJECT	DESCRIPTION	STATUS	FUTURE TASKS/DEADLINES	FUTURE MEETINGS
Emerging Constituents Program Task Force	Provide emerging constituents sampling report and watershed water quality outreach program	<ul style="list-style-type: none"> • The 2013 Emerging Constituents (EC) Sampling Report, the last annual sampling report was submitted to the Regional Board on March 14, 2014. • By agreement the EC Program Task Force and the Regional Board agreed to discontinue the annual EC sampling and only proceed with additional watershed wide sampling separate from permitted activity, if necessary. • The original State Board Blue Ribbon Panel on ECs reconvened in late 2017 and a new report was issued in February 2018 reflecting a revised EC list considering the latest EC detection technology and latest science associated with ECs in drinking water. The list remains the same with the elimination of caffeine. Consequently, the need for additional EC sampling in the Santa Ana Watershed by the EC Program Task Force was deemed unnecessary by the Regional Board. • Periodic conference calls are held with the Regional Board, Risk Sciences and SAWPA staff about any recent developments that would cause the task force to reconvene and discuss additional sampling. Additional study is planned by SCCWRP to evaluate the impacts on ecology now that the EC list for drinking water has been updated. • In the absence 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. • Based on the SWRCB EC Review panel, the number of EC recommended for monitoring was decreased to four ECs eliminating caffeine. No additional EC sampling is recommended at this time. 	<ul style="list-style-type: none"> • All annual EC sampling has been discontinued and has been placed on hold until a needs arise in the future.. 	A future reconvening of the EC Program Task Force will be dependent on feedback from the Regional Board.
	Watershed water quality outreach program	<ul style="list-style-type: none"> • Work continues with the social media tools in support of water quality for the general public. This work is funded by a subset of the EC Program Task Force called the EC Public Outreach Committee. A task order for FY 18-19 has been executed. 	<ul style="list-style-type: none"> • Bi-annual reports about the EC Public Outreach efforts for the SAWPA Commission will continue. 	8-21-18 SAWPA Commission status report

SAWPA Roundtables Status Report

4/1/18 thru 6/30/18

PROJECT	DESCRIPTION	STATUS	FUTURE TASKS/DEADLINES	FUTURE MEETINGS
Imported Water Recharge Workgroup	Support imported recharge agencies in agreement deliverables	<ul style="list-style-type: none"> • A meeting with the signatory agencies to the Cooperative Agreement for Imported Water Recharge was held on May 26, 2018. SAWPA set up this second meeting to share a draft agreement amendment since its renewal term was 10 years and was originally signed in 2008. • The amendment to the agreement reflects changes in types of groundwater models to be used, the frequency of required recharge reporting and groundwater modeling, and the need for an established administrator, a role that SAWPA has played unofficially for the past 10 years. • Some imported recharge agencies suggested eliminating the agreement requirements all together since all evidence indicated that imported water was benefiting basins in the watershed. Regional Board staff agreed to discuss this internally and thereafter sent out an email to all parties indicating a preference to keep the requirements but on a longer span of time and less frequent reporting. • On June 28th, the original signatory agencies met at the Regional Board's offices to further discuss the amendment and the administration of this groups requirements. • All carryover reserves have now been expended to cover administrative costs. Any new amendment agreement would need to include provisions to cover administration of the Technical Committee's activities each year. This cost is anticipated to be approximately \$1000/yr/agency. 	<ul style="list-style-type: none"> • Next meeting to discuss the amendment will be held in the next quarter. Thereafter an amendment or new agreement would need to go back to the agreement signatories' agencies to formalize the formation of a task force with SAWPA to continue in its role as administrator. • A subgroup of the Cooperative Agreement Signatory Agencies agreed to meet and provide a new response back to the Regional Board staff before Sept. 2018 with their recommendations for changes • No funding remains for SAWPA support of this effort at this time 	None planned at this time
Reclamation So Cal Studies	Support regional studies with Bureau of Reclamation	<ul style="list-style-type: none"> • Review of Reclamation grant opportunities was reviewed and analyzed. • A meeting was held with Reclamation staff on Dec. 7th to explore what grant funds could be serve several Planning Dept. projects. • Grant support for a joint organizational effort called the Sustainable Landscaping project in the Santa Ana Watershed is being sought through the 2018 Bureau of Reclamation WaterSMART water use efficiency program. A grant for \$300,000 in Reclamation funds would be matched by \$300,000 in local funds from commercial firms who are interested in implementing sustainable landscaping. • Blais & Associates was hired to prepare a grant application for \$9000 using available funding through SAWPA. Local funding share from private firms is still being sought. 	<ul style="list-style-type: none"> • Coordination meetings are held every two weeks with California Forward and the Pacific Institute to develop the Sustainable Landscape project and evaluate grant funding opportunities. • Efforts to secure the 50% local share from commercial and industrial parties benefiting from the work anticipated over the coming quarter. 	7-6-18 Coordination meeting with Pacific Institute and CA Forward is planned.

SAWPA Roundtables Status Report

4/1/18 thru 6/30/18

PROJECT	DESCRIPTION	STATUS	FUTURE TASKS/DEADLINES	FUTURE MEETINGS
Santa Ana River Fish Conservation Task Force	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"> • Staff worked with Scheevel Engineering to produce 100% design documents for the Santa Ana Sucker Habitat Protection and Beneficial Use Enhancement Project (Project). • Staff led a public works bid process, after Commission approval, during the months of May and June. A mandatory pre-bid meeting was held on May 31, 2018 in which three contractors attended. • Staff opened bids on June 21, 2018 and one-bid was received. • Staff worked on acquiring environmental permits from the regulatory agencies – California Department of Fish and Wildlife, the Regional Water Board and the U.S. Army Corps of Engineers. • Schedule the 2018 Riverwalk for the fall season. 	<ul style="list-style-type: none"> • Bring a recommendation on the received public works bid to the Commission on July 17, 2018. • Receive the approved permits and agreements from the various regulatory agencies. • Begin project construction after the conclusion of bird-nesting season on September 15, 2018. 	7-17-18 SAWPA Commission
Regional Water Quality Monitoring Task Force	Implement a coordinated regional water quality monitoring program in the Santa Ana River watershed to meet the requirements of the amended Recreational Use Water Quality Standards and Implementation Plan requirements of the Santa Ana Basin Plan, and to assist Regional Board with future triennial reviews of the Basin Plan.	<ul style="list-style-type: none"> • Task Force Administration by SAWPA continues. • Management and review of consultant contracts, project invoices and annual Task Force budget by staff continues. • The draft 2017-2018 Annual Santa Ana River Regional Bacteria Monitoring Program Report was distributed to stakeholders for comment and review in April 2018. • In May 2018, CDM Smith initiated efforts to begin implementation of the 2018-19 Santa Ana River Watershed Bacteria Water Quality Monitoring Program. • The final 2017-2018 Annual Santa Ana River Regional Bacteria Monitoring Program Report was submitted to Regional Board on July 1, 2018. 	<ul style="list-style-type: none"> • In Fall 2018 the Task force will initiate efforts to evaluate the following: <ul style="list-style-type: none"> - Address revisions to statewide bacteria standards - Resolve inconsistency between Antidegradation Targets and 303(d) Impairment Assessment - Regulatory alternatives analysis for 303(d) listed streams 	8-15-18 Task Force Meeting

SAWPA Roundtables Status Report

4/1/18 thru 6/30/18

PROJECT	DESCRIPTION	STATUS	FUTURE TASKS/DEADLINES	FUTURE MEETINGS
LESJWA	Support lake quality improvement projects at Lake Elsinore and Canyon Lake	<ul style="list-style-type: none"> • LESJWA Board met on April 19, 2018 and June 28, 2018. • On April 19th, the LESJWA Board conducted a new election of officer and Brenda Dennstedt, SAWPA’s rep, was selected as the LESJWA Chair. The Board approved the FY 2018-19 Budget with a minor revision, authorized a new task order for \$176,110/year over the next two years, and received status reports on the successful LESJWA Water Summit and a presentation to the Temescal Canyon High School. Regarding LEAPS, staff was directed to rescind a FERC letter sent to indicate that the LE/CL TMDL TF was working with the LEAPS proponents and a closed session was planned for the future. • On June 28th, the LESJWA Board authorized a two-year extension for public outreach support for \$40,000, \$20,000/yr for two years with DeGrave Communications and approved the LESJWA auditor for the coming fiscal year. No reportable action was taken in the Closed Session. • SAWPA staff continues to support LESJWA as administrator for the LESJWA JPA, LE/CL TMDL Task Force with task force meetings and various committee meetings held every 1-2 months. • Work is continuing on the TMDL Revision by CDM Smith and reflects the main focus of the Task Force. 	<ul style="list-style-type: none"> • Next Canyon Lake Alum application is anticipated to occur in Sept or Oct. 2018. 	10-18-18 LESJWA Board
	Provide education and outreach	<ul style="list-style-type: none"> • Liselle DeGrave of DeGrave Communications continues her support to LESJWA. Joint meetings with the consultant, LESJWA member agency PR staff and the SAWPA staff are held on a quarterly basis for coordination and are described as the LESJWA Education and Outreach Committee. The last meeting was held on March 26, 2018. 	<ul style="list-style-type: none"> • Prepare for the outreach associated with possible algae blooms and minor fish kills 	7-10-18 LESJWA Education & Outreach Meeting

SAWPA Roundtables Status Report

4/1/18 thru 6/30/18

PROJECT	DESCRIPTION	STATUS	FUTURE TASKS/DEADLINES	FUTURE MEETINGS
So Cal Salinity Coalition	Support regional salt management and practices in Southern California	<ul style="list-style-type: none"> • The SCSC held its last Board meeting on June 7, 2018. The meeting was held at SAWPA. Kevin Hardy of NWRI, serves as the administrator for SCSC. • At the June 7th SCSC Board meeting, the Board approved Graduate Fellowship Applications for 2018-2020 Funding Cycle. Information updates were received about a draft Action Plan for Fiscal Year 2019 proposed by Kevin Hardy, SCSC administrator. Updates about the TDS levels of imported water supplies was received from Metropolitan Water District of So Cal, the activities of the Colorado River Salinity Control Forum and the Salt Management Study being conducted jointly by Reclamation, MWDC and SCSC. • The joint project among Reclamation-MWDC-SCSC seeks to update the 1998 Salinity Management Plan for Southern California. The study will examine the economic impacts of salinity on water supplies. Some delays were experienced due to difficulties in securing a firm to conduct the economic analysis and update the Reclamation economic model. 	<ul style="list-style-type: none"> • Follow up work will continue for the joint salinity study among SCSC, Reclamation and MWDC. 	9/6/18 SCSC Board Meeting
Santa Ana River Parkway and Open Space Plan Technical Advisory Committee	<ul style="list-style-type: none"> • Help identify priorities and values for the Santa Ana River Parkway and Open Space Plan • Identify project selection criteria and projects for inclusion in the Parkway Plan • Provide input and feedback on the Plan throughout its development 	<ul style="list-style-type: none"> • No activity this quarter. 	<ul style="list-style-type: none"> • No activity anticipated for the next quarter 	
Water Energy Community Action Network (WECAN)	Support water and energy efficiency on disadvantaged communities in the watershed.	<ul style="list-style-type: none"> • Under this energy and water efficiency grant program, removed and retrofitted front yards in the service areas of Jurupa CSD, West Valley Water District, Fontana Water Company, and Anaheim Public Utilities. This includes work for West Valley Water District that is funded by a grant they received from the Bureau of Reclamation. • The Community Action Partnership of San Bernardino County is completing indoor retrofits that conserve energy and water. 	<ul style="list-style-type: none"> • Continue with turf removal and indoor retrofit projects. • The grant completion date is 12/31/18, so the program will begin wrapping up and completing its final reporting. 	

SAWPA Roundtables Status Report

4/1/18 thru 6/30/18

PROJECT	DESCRIPTION	STATUS	FUTURE TASKS/DEADLINES	FUTURE MEETINGS
Forest First	Support collaborative partnership among Forest Service and downstream stakeholders to develop methods to ensure the resiliency of the forests and headwaters within the Santa Ana River Watershed	<ul style="list-style-type: none"> ● Staff coordinated with the San Bernardino National Forest who is considering applying for a CAL FIRE grant to receive funds to pay for planning and National Environmental Policy Act (NEPA) review to implement future forest management projects on the San Bernardino Mountains in the watershed. ● Staff coordinate with the San Bernardino and Cleveland National Forests on the newly executed Executive Order B-52-18 which provides “regulatory relief” for certain public agencies who undertake hazardous fuels reduction projects to mitigate potential fire damage. ● Staff attended the Annual Chaparral Symposium in May where the draft results from the economic valuation of ecosystem services were presented by Dr. Emma Underwood from UC Davis. 	<ul style="list-style-type: none"> ● Receive information from contacted public agencies on their economic impact of fire on their facilities. ● Utilize the final results from the Dr, Underwood research to evaluate the economic benefits of water supply/quality of forest projects in the watershed. 	
Arundo Removal	Remove non-native plant species, particularly arundo donax, using SAWPA’s Arundo Removal mitigation bank credit funding	<ul style="list-style-type: none"> ● Commence work on a new task order to be issued to the Santa Ana Watershed Association (SAWA) for new arundo survey and property access. The removal will cover approximately 300 acres in the upper watershed in order to control Arundo seedlings before they washdown to the lower watershed. ● Sole source contract is anticipated due to the specialized work and expertise of these non-profit organizations in conducting this work. 	<ul style="list-style-type: none"> ● Obtain Commission approval to execute the new task order with SAWA on July 17, 2018. 	7-17-18 SAWPA Commission mtg.

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General Manager's Report

July 2018

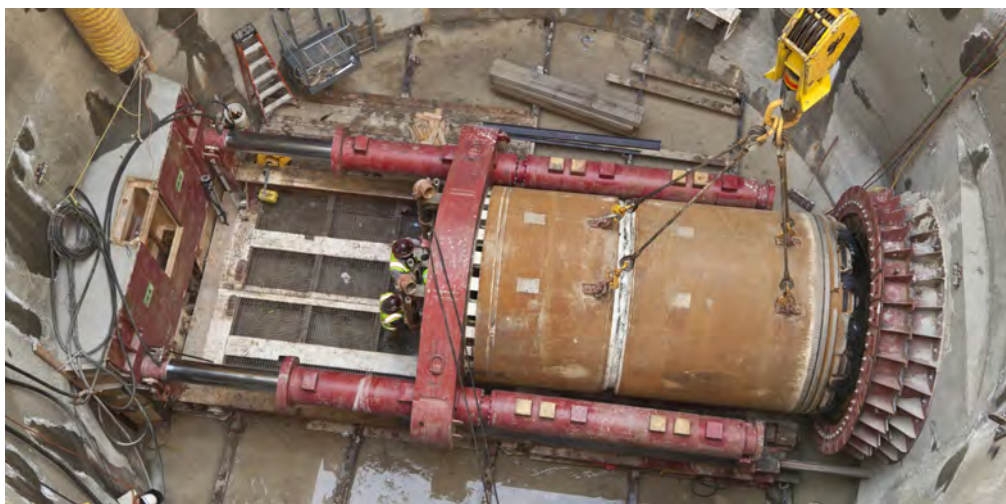
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INSIDE THE JULY REPORT

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- 2 Inland Empire Brine Line Reach 4D - Work Plan
- 3 Sign Search and Selfies Competition
- 4 2019 State of the Santa Ana River Watershed Conference

SARI Mainline Relocation in Orange County - SARI Loan Payment

In 2011, the SAWPA Commission directed staff to make a loan deposit of \$10,000,000 to the Orange County Flood Control District (OCFCD) per the terms of the SARI Loan Repayment Agreement. Under the Loan Agreement, SAWPA was required to loan 10% of the total SARI Relocation project costs to OCFCD. Since that time, OCFCD reimbursed loan funds to SAWPA from the State Flood Control Subventions Program for the SARI Project. In late June 2018, SAWPA received a payment from OCFCD paying off the loan amount in full.



Inland Empire Brine Line Reach 4D - Work Plan

A workshop with Member Agency staff is scheduled for Wednesday, July 18th from 2 p.m. - 4 p.m. at SAWPA to discuss the Reach 4D Work Plan. The purpose of the meeting is to present the following: Findings from CCTV and man-entry inspections of the Brine Line Reach 4D inspection that took place on May 6th and 7th; a summary of the condition assessment findings; and rehabilitation alternatives and recommendations.



Sign Search and Selfies Competition

The Sign Search and Selfies Competition is underway with several photo submissions received. Staff is marketing the effort through Facebook ads, the Jurupa Community Services District newsletter, Twitter, as well as newspaper op-eds. An op-ed about the competition will be featured in the Highland Community News in the coming weeks.



2019 State of the Santa Ana River Watershed Conference

The 2019 State of the Santa Ana River Watershed Conference, formerly the Santa Ana River Watershed Conference, will be held March 29, 2019. A "Save the Date" flier has been prepared for distribution. More information will be forthcoming.

2019 State of the Santa Ana River Watershed Conference

Save the Date

March 29, 2019

Titan Student Union
Portola Pavilion at
California State University, Fullerton



JOIN LEADERS • EXCHANGE IDEAS • TAKE ACTION






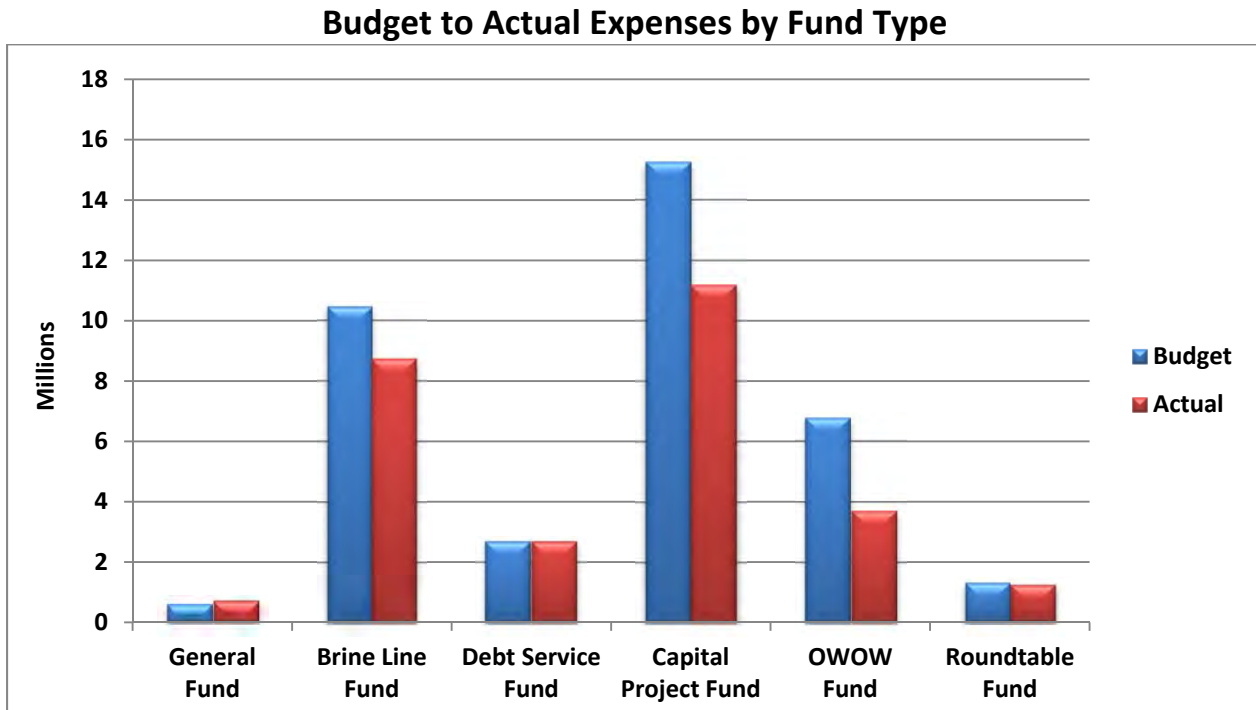
WATER EDUCATION FOUNDATION

**Santa Ana Watershed Project Authority
Executive Financial Information Report
May 2018**

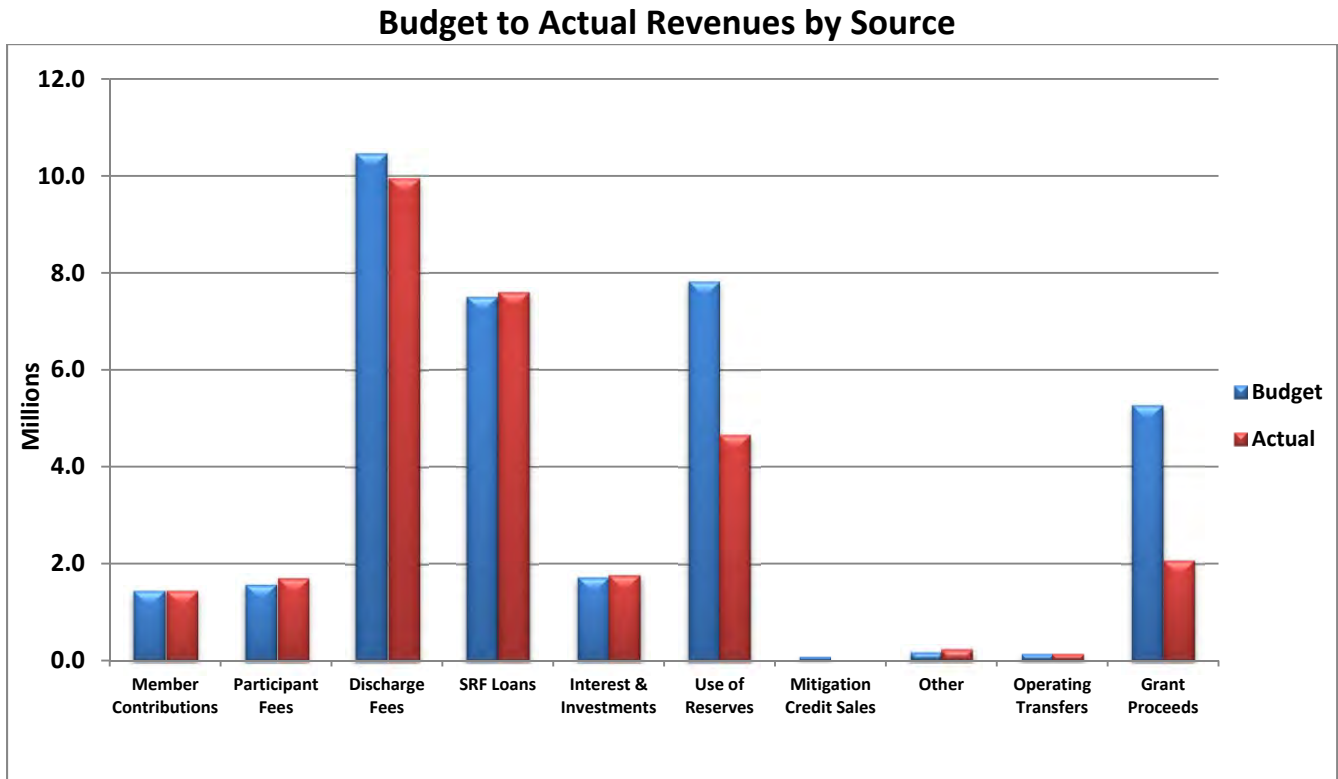
Staff comments provided on the last page are an integral part of this report.

Overview	This report highlights the agency's key financial indicators for the Fiscal Year-to-Date (FYTD) through May 2018 unless otherwise noted.
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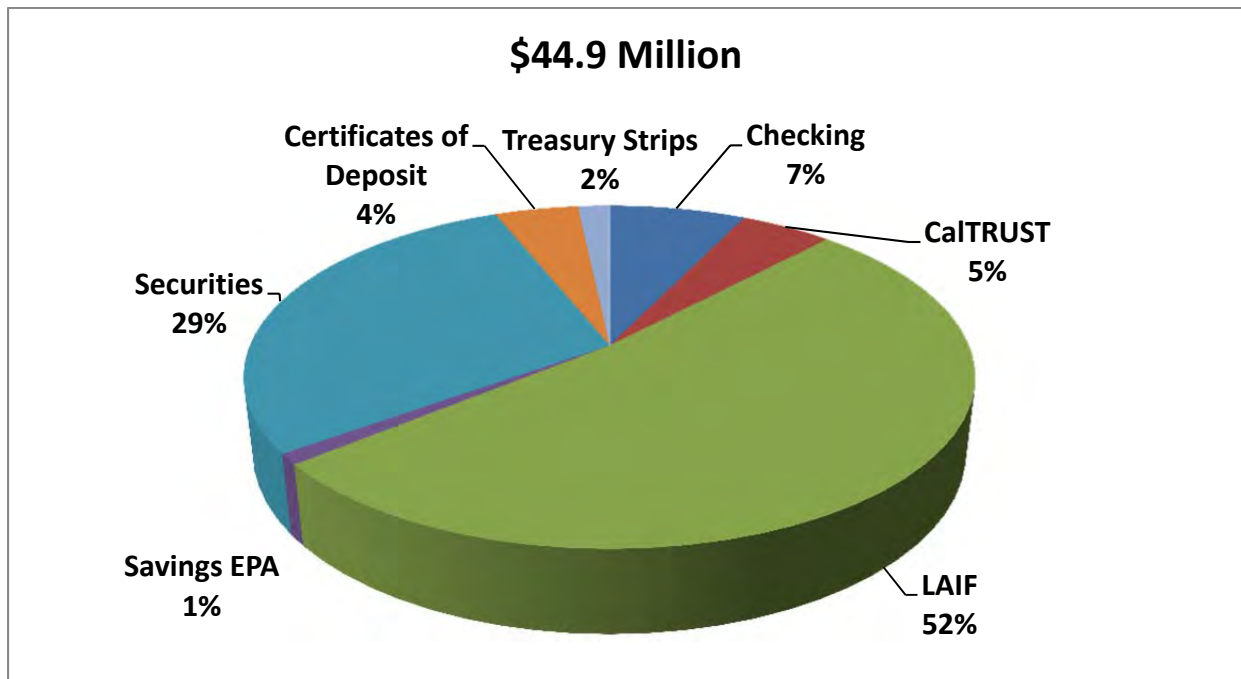
Budget to Actual Expenses by Fund Type				 Favorable
	Annual Budget	FYTD Budget	FYTD Actual	Favorable (Unfavorable) Variance
General Fund	\$646,118	\$600,608	\$717,746	(117,138)
Brine Line Enterprise	11,427,616	10,475,317	8,751,558	1,723,759
Debt Service Fund	3,060,719	2,704,469	2,704,270	199
Capital Project Fund	15,714,532	15,273,673	11,203,792	4,069,881
OWOW Fund	7,403,317	6,786,374	3,717,466	3,068,908
Roundtable Fund	1,419,206	1,312,960	1,246,133	66,827
Total	\$39,671,508	\$37,153,401	\$28,340,965	\$8,812,436



Budget to Actual Revenues by Source				✖	Concern
	Annual Budget	FYTD Budget	FYTD Actual	Favorable (Unfavorable) Variance	
Member Contributions	\$1,442,118	\$1,442,118	\$1,442,115	(\$3)	
Participant Fees	1,682,056	1,563,611	1,696,625	133,014	
Discharge Fees	11,427,616	10,475,315	9,960,563	(514,752)	
SRF Loans	7,500,000	7,500,000	7,595,992	95,992	
Interest & Investments	1,994,772	1,719,411	1,761,849	42,438	
Use of Reserves	9,280,479	7,832,548	4,673,747	(3,158,801)	
Mitigation Credit Sales	88,980	81,565	-	(81,565)	
Other	202,027	185,191	247,176	61,985	
Operating Transfers	144,252	144,252	144,252	-	
Grant Proceeds	5,741,297	5,262,856	2,080,820	(3,182,036)	
Total	\$39,503,597	\$36,206,867	\$29,603,139	(\$6,603,728)	



Total Cash & Investments - May







Reserve Fund Balance - May

	Amount
General Fund	\$2,727,169
Building Fund	919,426
Legal Defense Fund	451,276
OWOW Fund	1,106,335
Roundtable Fund	1,748,628
Self Insurance	3,979,836
Debt Retirement	5,734,037
Pipeline Replacement	11,322,587
OCSD Rehabilitation	3,559,605
Capacity Management	7,972,430
Future Capacity	1,745,247
Flow Imbalance	93,670
Brine Line Operating	3,618,830
Total Reserves	\$45,979,076

Legend

Compared to Budget

	Ahead or Favorable	Above +5% Favorable Revenue or Expense Variance
	On Track	+5% to -2% Variance
	Behind	-3% to -5% Variance
	Concern	Below -5% Variance

Staff Comments

For this month's report, the item(s) explained below are either "behind", a "concern", or have changed significantly from the prior month.


- 1) Grant Proceeds are 60% lower than budget. While this is a concern it is projected that these projects will be within the budget amount for FYE 2018. The variance is due to several issues. For Proposition 84 Drought projects, there has been an unanticipated delay by retail agencies in the implementation of conservation based rates. There were also unanticipated cost savings from several of the projects. Those funds will be reallocated to other projects within the Drought round. For Proposition 84 SARCCUP there has been a delay on the negotiation of the sub-grantee agreement for Smartscape and a lack of implementing legislation regarding the new water use efficiency standards which has slowed down the project.
- 2) Use of Reserves are 40% lower than budget. Reach V construction was completed under the budgeted amount for FYE 2018, requiring less use of reserves. It was also anticipated to begin work on the Reach IV-D Corrosion Repairs project once the Reach V Capital Repair project was complete. That project was completed and work on the design of Reach IV-D Corrosion Repairs has begun.

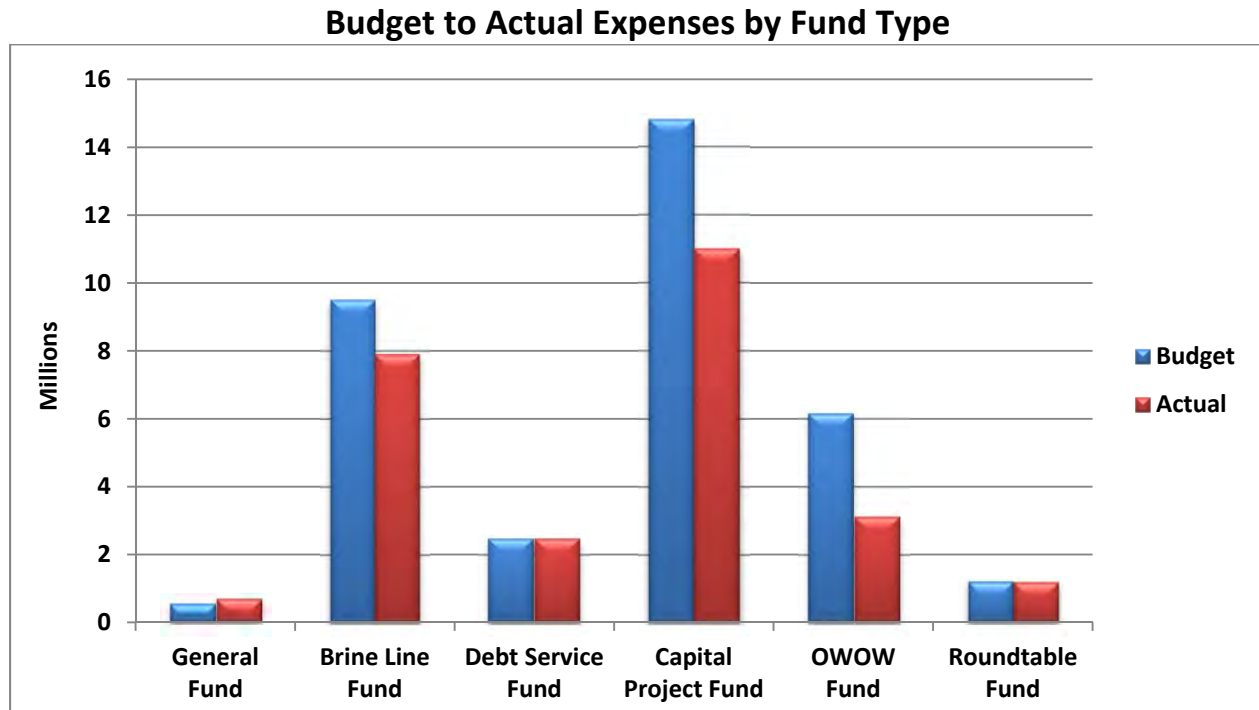
Aside from Grant Proceeds and Use of Reserves, all other revenue sources and non-grant related expenses are on track.

**Santa Ana Watershed Project Authority
Executive Financial Information Report
April 2018**

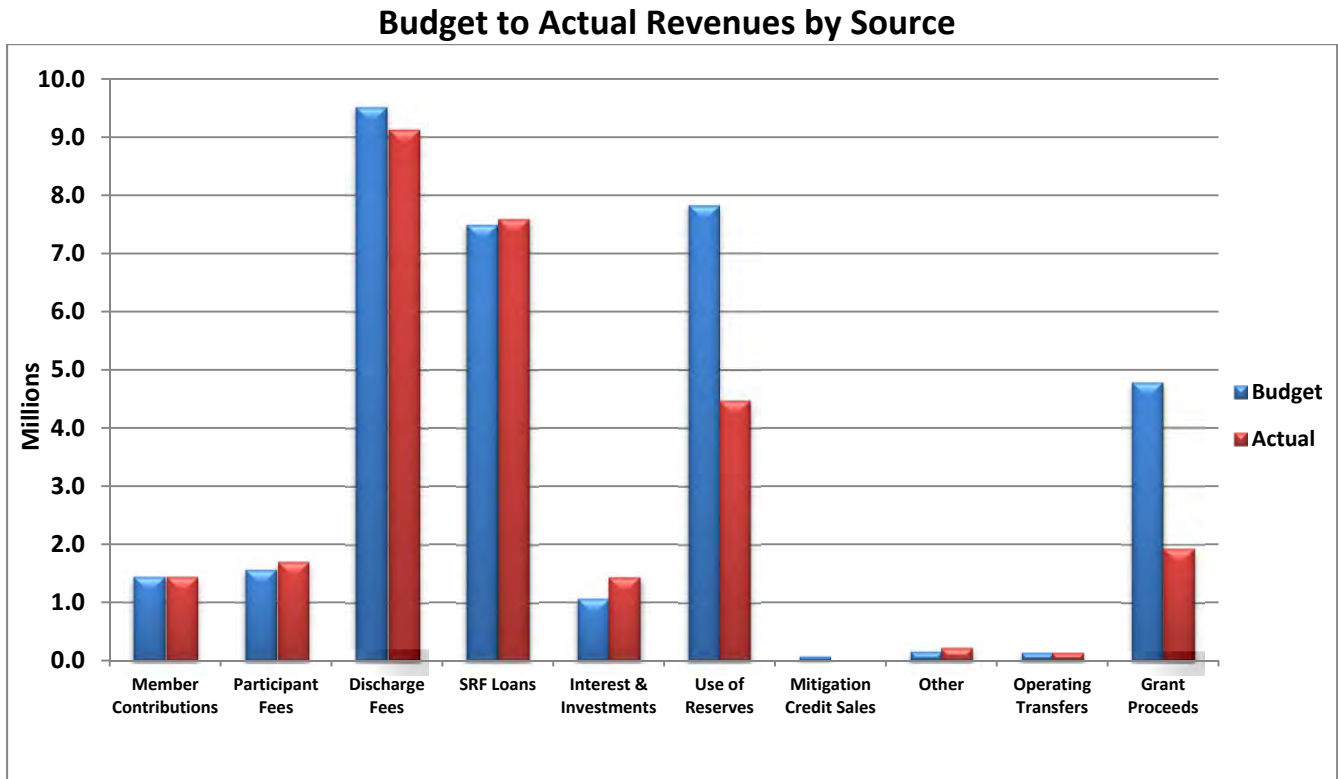
Staff comments provided on the last page are an integral part of this report.

Overview	This report highlights the agency's key financial indicators for the Fiscal Year-to-Date (FYTD) through April 2018 unless otherwise noted.
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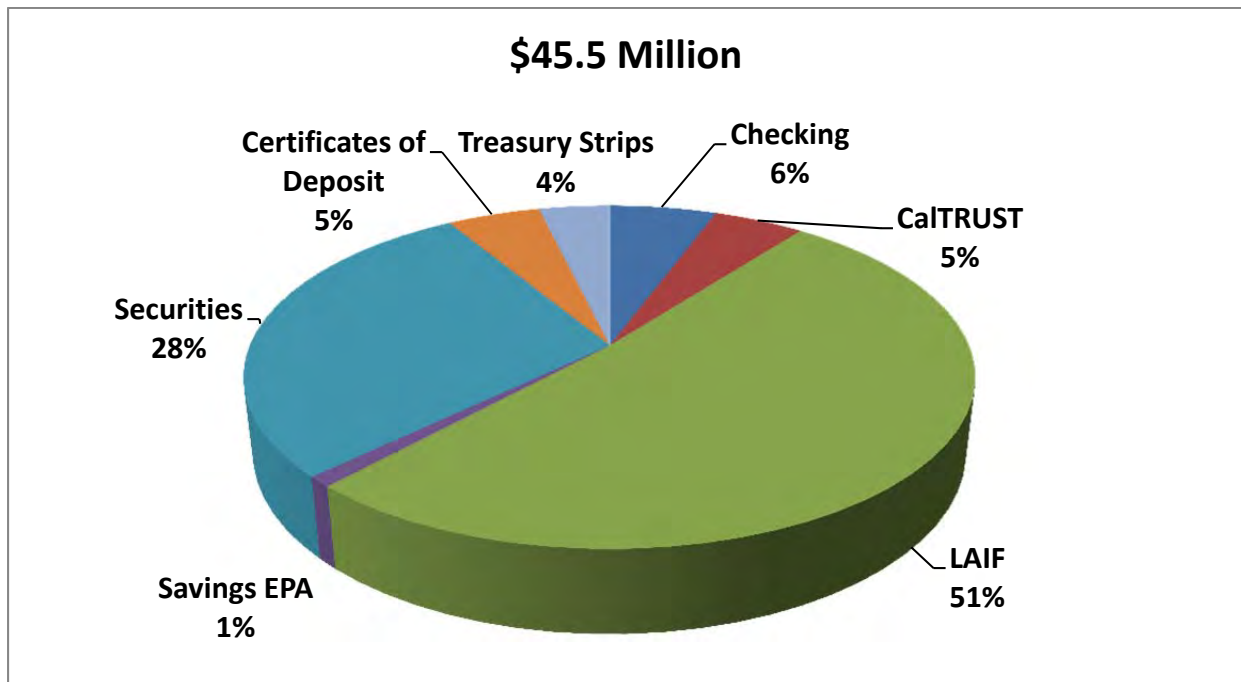
Budget to Actual Expenses by Fund Type				 Favorable
	Annual Budget	FYTD Budget	FYTD Actual	Favorable (Unfavorable) Variance
General Fund	\$646,118	\$555,098	\$697,358	(142,260)
Brine Line Enterprise	11,427,616	9,523,015	7,924,565	1,598,451
Debt Service Fund	3,060,719	2,487,281	2,487,281	-
Capital Project Fund	15,714,532	14,824,887	11,026,861	3,798,026
OWOW Fund	7,403,317	6,169,431	3,137,981	3,031,450
Roundtable Fund	1,419,206	1,206,714	1,188,324	18,389
Total	\$39,671,508	\$34,766,426	\$26,462,370	\$8,304,056



Budget to Actual Revenues by Source				✖	Concern
	Annual Budget	FYTD Budget	FYTD Actual	Favorable (Unfavorable) Variance	
Member Contributions	\$1,442,118	\$1,442,118	\$1,442,118	\$-	
Participant Fees	1,682,056	1,563,611	1,696,625	133,014	
Discharge Fees	11,427,616	9,523,013	9,137,088	(385,925)	
SRF Loans	7,500,000	7,500,000	7,595,992	95,992	
Interest & Investments	1,994,772	1,069,906	1,429,503	359,598	
Use of Reserves	9,280,479	7,832,548	4,483,678	(3,348,870)	
Mitigation Credit Sales	88,980	74,150	-	(74,150)	
Other	202,027	168,356	231,929	63,573	
Operating Transfers	144,252	144,252	144,252	-	
Grant Proceeds	5,741,297	4,784,414	1,940,449	(2,843,965)	
Total	\$39,503,597	\$34,102,368	\$28,101,634	(\$6,000,734)	







Total Cash & Investments - April



Reserve Fund Balance - April

	Amount
General Fund	\$2,640,530
Building Fund	919,426
Legal Defense Fund	447,960
OWOW Fund	1,342,784
Roundtable Fund	1,821,493
Self Insurance	3,971,503
Debt Retirement	6,107,011
Pipeline Replacement	11,539,212
OCSD Rehabilitation	3,559,605
Capacity Management	7,972,430
Future Capacity	1,745,247
Flow Imbalance	92,557
Brine Line Operating	3,336,352
Total Reserves	\$45,496,110

Legend

		<u>Compared to Budget</u>
	Ahead or Favorable	Above +5% Favorable Revenue or Expense Variance
	On Track	+5% to -2% Variance
	Behind	-3% to -5% Variance
	Concern	Below -5% Variance

Staff Comments

For this month's report, the item(s) explained below are either "behind", a "concern", or have changed significantly from the prior month.

- 1) Grant Proceeds are 59% lower than budget. While this is a concern it is projected that these projects will be within the budget amount for FYE 2018. The variance is due to several issues. For Proposition 84 Drought projects, there has been an unanticipated delay by retail agencies in the implementation of conservation based rates. There were also unanticipated cost savings from several of the projects. Those funds will be reallocated to other projects within the Drought round. For Proposition 84 SARCCUP there has been a delay on the negotiation of the sub-grantee agreement for Smartscape and a lack of implementing legislation regarding the new water use efficiency standards which has slowed down the project.
- 2) Use of Reserves are 43% lower than budget. Reach V construction was completed under the budgeted amount for FYE 2018, requiring less use of reserves. It was also anticipated to begin work on the Reach IV-D Corrosion Repairs project once the Reach V Capital Repair project was complete. That project was completed and work on the design of Reach IV-D Corrosion Repairs has begun.

Aside from Grant Proceeds and Use of Reserves, all other revenue sources and non-grant related expenses are on track.

GENERAL MANAGERS MEETING NOTES

TUESDAY, JULY 10, 2018

PARTICIPANTS PRESENT

Nick Kanetis
Halla Razak
Doug Headrick (Via-Conference Call)
Craig Miller
Rich Haller
Mark Norton
Larry McKenney (Via-Conference Call)
David Ruhl
Sara Villa

REPRESENTING

Eastern Municipal Water District
Inland Empire Utilities Agency
San Bernardino Valley Municipal Water District
Western Municipal Water District
Santa Ana Watershed Project Authority
Santa Ana Watershed Project Authority
Santa Ana Watershed Project Authority
Santa Ana Watershed Project Authority
Santa Ana Watershed Project Authority

PARTICIPANTS ABSENT

Paul Jones
Michael Markus

Eastern Municipal Water District
Orange County Water District

CALL TO ORDER

The meeting was called to order at 7:38 a.m. at SAWPA, 11615 Sterling Avenue, Riverside, California.

FUTURE SAWPA COMMISSION AGENDA ITEMS

Rich Haller referenced the handout that was provided of the Agenda Planning Matrix (SAWPA Commission, OWOW Steering Committee, PA22, PA23, and Outside Meetings). It was questioned on the status for PA24 (Brine Line). Haller noted that the Commission directed staff to prepare time for their boards to review (WMWD, Valley). There will be a workshop scheduled with WMWD's Board to present the answers to the questions that were made during the Commission meeting. Doug Headrick noted he would follow-up with Susan Lien Longville regarding presenting PA24 to Valley's Board.

WATER QUALITY STUDY – IMPACT OF HOMELESSNESS

Rich Haller informed the General Managers that in light of the MOU with the Riverside Housing Authority, the Commission directed SAWPA staff to develop a Water Quality Study to assess the Impact of Homelessness on water quality. Mark Norton noted that it is anticipated SAWPA may hire a consultant or perhaps a non-profit for this work but wants to discuss scoping with member agencies staff before proceeding. Norton noted that staff has had initial conversations with both Southern California Coastal Water Research Project (SCCWRP) and Geosyntec but will await feedback and input from the SAWPA member agencies on the best study approach. Doug Headrick suggested providing a status report in the upcoming Commission meeting.

OWOW UPDATE

Mark Norton provided an update and referenced the handout summarizing OWOW efforts from April to June 2018. He noted that the OWOW Plan Update 2018 is moving along; the draft is expected to be done in about a month. DWR is developing the Draft Project Solicitation Package (PSP) for the Proposition 1 Implementation Grants; draft documents release is expected in September. DWR is suggesting that all grant funded projects must be CEQA ready/completed within six (6) months after completion of the funding agreement with DWR. The Disadvantaged Community Involvement Program (DCI) is moving along. It is anticipated that a workshop will be held with public agencies about the "Trust the Tap" program and support services.

ROUNDTABLES UPDATE

Mark Norton provided an update and referenced the handout summarizing Roundtable efforts from April to June 2018. He noted that the Imported Water Recharge Workgroup (IWR) is based on a 10-year Cooperative Agreement with the Regional Board. A meeting took place to discuss the Amendment to the Cooperative Agreement and the Regional Board has decided to allow a reduced frequency for the reporting schedule from 3 to 5 years and 6 to 10 years for groundwater modeling. Norton informed the General Managers that the Roundtable Brochures are available on the SAWPA Website and will be presented to the SAWPA Commission. It was requested that the brochures be distributed to the General Managers via-email.

PROJECT AGREEMENT 25 (PA25) & PROJECT AGREEMENT 26 (PA26)

Larry McKenney noted that the workshop scheduled with WMWD's Board is to discuss PA24; they will be reviewing the policy points that are involved in the project agreement requirements. It was anticipated to move ahead and review drafts of PA25 and PA26 (Roundtables and OWOW), though since then it's been decided to hold off until after the workshop on PA24. The starting point for PA25 and PA26 will be setting up the policies and principles that were developed when task forces were formed and approved; and drafting a roundtable framework with all member agencies as participants. Nick Kanetis questioned with the items that are being reviewed for PA24, do we anticipate the same sort of questions/issues for both PA25 and PA26, and could we address these concerns head on and acknowledge the WMWD's workshop that we have other PA's coming forward? McKenney noted that the foundational questions are mainly clarification and the need to remind the board of the content and not confuse them by bringing forward other PA's. Haller informed the General Managers that he will distribute the background slides he prepared for the workshop.

OWOW CONFERENCE 2019 (MARCH 29, 2019 – CAL STATE FULLERTON)

Rich Haller informed the General Managers that the OWOW Conference is scheduled for March 29, 2019 at Cal State Fullerton. SAWPA staff is working with Water Education Foundation (WEF) to prepare the program and discuss the speakers for the event.

BRINE LINE UPDATE

David Ruhl provided updates on the following:

- Pretreatment Program Update – There are a couple of meetings scheduled with new potential dischargers; Rialto Bioenergy in Valley's service area, and Aramark in WMWD's service area.
- OCSD Rock Removal – The rock removal project is out for bid and the bid opening is August 1, with the awarding of a contract in September and work starting in October. The rock removal is a 15-month project with a \$4.2 M Engineers estimate.
- Beaumont Request to Discharge to Brine Line – A meeting took place with all the interested parties to discuss the terms of the agreement. There are four agreements that SAWPA is going to take the lead in preparing, at the same time we are working with Beaumont in gathering the information that was requested by OCSD. A reoccurring meeting has been set up every first Monday of every month with all interested parties to keep things moving along.
- Lease Capacity Pool – The agencies that have excess capacity that they own and is not being utilized can contribute 50,000 g/d increments to a capacity pool that SAWPA will administer, and if there are any interested dischargers that do not want to purchase treatment capacity, they can lease from the capacity pool. Version No. 9 of the Draft Lease Capacity Pool Agreement has been distributed to the member agencies for review.
- Reach IV-D Field Investigation – A workshop is scheduled July 18 to go over the findings and thought process of what can be done regarding the deterioration of the concrete in Reach IV-D.
- The US Army Corps has indicated that they are moving forward with the Alcoa Dike and have hired Stantec to do a small engineering study to see if there is any impact to the Brine Line.
- The SARI Loan of \$3.1 M has been paid in full by OCPW to SAWPA for the Relocation of the Brine Line.

OPERATIONS UPDATE

There has been lining and inspections of the maintenance access structures in Reaches IV-A. It will be requested that the SAWPA Commission approve the purchase of a Skidsteer Loader to reduce equipment rental cost for a variety of Brine Line operation activities and allow vegetation clearing within Prado Basin and at SAWPA owned properties. It is anticipated to have a pay-back period of three years.

SCHEDULING – NEXT GM MEETING

The next General Managers meeting is scheduled for August 14, 2018, at 7:30 a.m. at SAWPA.

The meeting adjourned at 8:37 a.m.

COMMISSION REVIEW: July 17, 2018

2018-7-10 GM Mtg Notes

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Legislative Status Report for SAWPA 7/9/2018

- [AB 2042](#) (Steinorth R) Personal income tax credits: residential graywater reuse systems.**
Current Text: Amended: 5/1/2018 [html](#) [pdf](#)
Introduced: 2/6/2018
Last Amend: 5/1/2018
Status: 5/25/2018-In committee: Held under submission.
Location: 5/9/2018-A. APPR. SUSPENSE FILE
Summary: The Personal Income Tax Law allows various credits against the taxes imposed by that law. Existing law requires any bill authorizing a new tax credit to contain, among other things, specific goals, purposes, and objectives that the tax credit will achieve, detailed performance indicators, and data collection requirements. This bill, for taxable years beginning on or after January 1, 2019, and before January 1, 2024, would allow as a credit against the net tax imposed by that law equal to 25% of the cost of installing a residential graywater reuse system during the taxable year in the taxpayer's residence located in this state.
- [AB 2050](#) (Caballero D) Small System Water Authority Act of 2018.**
Current Text: Amended: 6/11/2018 [html](#) [pdf](#)
Introduced: 2/6/2018
Last Amend: 6/11/2018
Status: 6/28/2018-From committee: Do pass and re-refer to Com. on APPR. (Ayes 7. Noes 0.) (June 27). Re-referred to Com. on APPR.
Location: 6/28/2018-S. APPR.
Calendar: 8/6/2018 10 a.m. - John L. Burton Hearing Room (4203)
SENATE APPROPRIATIONS, PORTANTINO, Chair
Summary: This bill would create the Small System Water Authority Act of 2018 and state legislative findings and declarations relating to authorizing the creation of small system water authorities that will have powers to absorb, improve, and competently operate noncompliant public water systems. The bill, no later than March 1, 2019, would require the state board to provide written notice to cure to all public agencies, private water companies, or mutual water companies that operate a public water system that has either less than 3,000 service connections or that serves less than 10,000 people, and are not in compliance with one or more state or federal primary drinking water standard maximum contaminant levels as of December 31, 2018, and for 4 consecutive quarters, as specified.
- [AB 2060](#) (Garcia, Eduardo D) Water: grants: advanced payments.**
Current Text: Amended: 6/28/2018 [html](#) [pdf](#)
Introduced: 2/6/2018
Last Amend: 6/28/2018
Status: 6/28/2018-Read second time and amended. Re-referred to Com. on APPR.
Location: 6/26/2018-S. APPR.
Calendar: 8/6/2018 10 a.m. - John L. Burton Hearing Room (4203)
SENATE APPROPRIATIONS, PORTANTINO, Chair
Summary: Would require the State Water Resources Control Board, within 60 days of awarding a grant from the grant fund, to provide a project proponent that requests an advanced payment and satisfies certain criteria with advanced payment of \$500,000 or 50% of the grant award, whichever is less, for projects in which the project proponent is a nonprofit organization or a disadvantaged community, or the project benefits a disadvantaged community. The bill would require the advanced funds to be handled as prescribed.
- [AB 2064](#) (Gloria D) Integrated regional water management plans: grants: advanced payment.**
Current Text: Amended: 6/27/2018 [html](#) [pdf](#)
Introduced: 2/7/2018
Last Amend: 6/27/2018
Status: 6/27/2018-Read second time and amended. Re-referred to Com. on APPR.
Location: 6/27/2018-S. APPR.
Calendar: 8/6/2018 10 a.m. - John L. Burton Hearing Room (4203)
SENATE APPROPRIATIONS, PORTANTINO, Chair
Summary: Current law, until January 1, 2025, requires 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 if the project proponent is a nonprofit organization or a disadvantaged community or the project benefits a disadvantaged community. Current law requires the department, within 60 days of receiving this project information, to provide advanced payment of 50% of the grant award for those projects that satisfy specified criteria. The bill, until January 1, 2025, would require the department to provide a project proponent that requests advanced payment and satisfies certain criteria with advanced payment for those projects of \$500,000 or 50% of the grant

award, whichever is less.

[AB 2249](#) (Cooley D) Public contracts: local agencies: alternative procedure.

Current Text: Amended: 6/4/2018 [html](#) [pdf](#)

Introduced: 2/13/2018

Last Amend: 6/4/2018

Status: 7/3/2018-In Assembly. Concurrence in Senate amendments pending. May be considered on or after July 5 pursuant to Assembly Rule 77.

Location: 7/3/2018-A. CONCURRENCE

Summary: The Uniform Public Construction Cost Accounting Act permits the governing body of a public agency, in the event all bids received for the performance of that public project are in excess of \$175,000, to award the contract at \$187,500 or less to the lowest responsible bidder if it determines the cost estimate of the public agency was reasonable. This bill would instead authorize public projects of \$60,000 or less to be performed by the employees of a public agency, authorize public projects of \$200,000 or less to be let to contract by informal procedures, and require public projects of more than \$200,000 to be let to contract by formal bidding procedures.

[AB 2252](#) (Limón D) State grants: state grant administrator.

Current Text: Amended: 6/14/2018 [html](#) [pdf](#)

Introduced: 2/13/2018

Last Amend: 6/14/2018

Status: 6/26/2018-From committee: Do pass and re-refer to Com. on APPR. (Ayes 13. Noes 0.) (June 26). Re-referred to Com. on APPR.

Location: 6/26/2018-S. APPR.

Calendar: 8/6/2018 10 a.m. - John L. Burton Hearing Room (4203)
SENATE APPROPRIATIONS, PORTANTINO, Chair

Summary: Would enact the Grant Information Act of 2018. The bill would require the Government Operations Agency, on or before July 1, 2020, to create a funding opportunities web portal that provides a centralized location for grant seekers to find state grant opportunities. The bill would additionally require each state agency, on or before July 1, 2020, to register every grant the state agency administers with the Government Operations Agency prior to commencing a solicitation or award process for distribution of the grant, as specified. The bill would require each state agency, on or before July 1, 2020, to provide for the acceptance of electronic applications for any grant administered by the state agency.

[AB 2283](#) (Holden D) Income taxes: exclusion: turf removal water conservation program.

Current Text: Introduced: 2/13/2018 [html](#) [pdf](#)

Introduced: 2/13/2018

Status: 5/25/2018-In committee: Held under submission.

Location: 4/4/2018-A. APPR. SUSPENSE FILE

Summary: The Personal Income Tax Law and the Corporation Tax Law, for taxable years beginning on or after January 1, 2014, and before January 1, 2019, provide an exclusion from gross income for any amount received as a rebate, voucher, or other financial incentive issued by a local water agency or supplier for participation in a turf removal water conservation program. This bill would extend the operation of those provisions to January 1, 2024.

[AB 2339](#) (Gipson D) Water utility service: sale of water utility property by a city.

Current Text: Amended: 7/5/2018 [html](#) [pdf](#)

Introduced: 2/13/2018

Last Amend: 7/5/2018

Status: 7/5/2018-Read second time and amended. Ordered to third reading. Re-referred to Com. on APPR.

Location: 7/5/2018-S. APPR.

Calendar: 8/6/2018 10 a.m. - John L. Burton Hearing Room (4203)
SENATE APPROPRIATIONS, PORTANTINO, Chair

Summary: This bill would authorize the City of El Monte, the City of Montebello, and the City of Willows, until January 1, 2022, to sell its public utility for furnishing water service for the purpose of consolidating its public water system with another public water system pursuant to the specified procedures, only if the potentially subsumed water system is wholly within the boundaries of the city, if the city determines that it is uneconomical and not in the public interest to own and operate the public utility, and if certain requirements are met. The bill would prohibit the city from selling the public utility for one year if 50% of interested persons, as defined, protest the sale. This bill contains other related provisions.

[AB 2371](#) (Carrillo D) Water use efficiency: landscape irrigation.

Current Text: Amended: 6/28/2018 [html](#) [pdf](#)

Introduced: 2/14/2018

Last Amend: 6/28/2018

Status: 6/28/2018-Read second time and amended. Re-referred to Com. on APPR.

Location: 6/26/2018-S. APPR.

Calendar: 8/6/2018 10 a.m. - John L. Burton Hearing Room (4203)
SENATE APPROPRIATIONS, PORTANTINO, Chair

Summary: The Contractors' State License Law provides for the licensing by written examination and regulation of contractors by the Contractors' State License Board in the Department of Consumer Affairs. Current law requires the Contractors' State License Board to periodically review and, if needed, revise the contents of qualifying examinations to insure that the examination questions are timely and relevant to the business of contracting. This bill, before revision of the landscaping contractor examination, would require the Contractors' State License Board to confer with specified entities to determine whether any updates or revisions to the examination are needed to reflect new and emerging landscape irrigation efficiency practices, as specified.

AB 2501 (Chu D) Drinking water: consolidation and extension of service.

Current Text: Amended: 6/27/2018 [html](#) [pdf](#)

Introduced: 2/14/2018

Last Amend: 6/27/2018

Status: 6/27/2018-Read second time and amended. Re-referred to Com. on APPR.

Location: 6/27/2018-S. APPR.

Calendar: 8/6/2018 10 a.m. - John L. Burton Hearing Room (4203)
SENATE APPROPRIATIONS, PORTANTINO, Chair

Summary: The California Safe Drinking Water Act authorizes the State Water Resources Control Board to order extension of service to an area within a disadvantaged community 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 of consolidation. The act defines "disadvantaged community" for these purposes to mean a disadvantaged community that is in an unincorporated area, is in a mobilehome park, or is served by a mutual water company or small public water system. This bill would redefine "disadvantaged community" for these purposes to also include a disadvantaged community that is served by a state small water system or domestic well.

AB 2538 (Rubio D) Municipal separate storm sewer systems: financial capability analysis.

Current Text: Amended: 5/25/2018 [html](#) [pdf](#)

Introduced: 2/14/2018

Last Amend: 5/25/2018

Status: 6/21/2018-From committee: Do pass and re-refer to Com. on APPR. (Ayes 5. Noes 1.) (June 20). Re-referred to Com. on APPR.

Location: 6/21/2018-S. APPR.

Calendar: 8/6/2018 10 a.m. - John L. Burton Hearing Room (4203)
SENATE APPROPRIATIONS, PORTANTINO, Chair

Summary: Would require the State Water Resources Control Board, by July 1, 2019, to establish financial capability assessment guidelines for municipal separate storm sewer system permittees that are adequate and consistent when considering the costs to local jurisdictions.

AB 2541 (Salas D) Safe Drinking Water State Revolving Fund: project financing: severely disadvantaged communities.

Current Text: Amended: 3/15/2018 [html](#) [pdf](#)

Introduced: 2/14/2018

Last Amend: 3/15/2018

Status: 7/3/2018-Read second time. Ordered to Consent Calendar.

Location: 7/2/2018-S. CONSENT CALENDAR

Summary: Current law authorizes the State Water Resources Control Board, to the extent permitted by federal law, to provide grant funding, and principal forgiveness and 0% financing on loans, from the Safe Drinking Water State Revolving Fund to a project for a water system with a service area that qualifies as a severely disadvantaged community if the water system demonstrates that repaying a Safe Drinking Water State Revolving Fund loan with interest would result in unaffordable water rates, as defined. This bill would instead authorize the board, to the extent permitted by federal law, to provide up to 100% grant funding, and principal forgiveness and 0% financing on loans, from the Safe Drinking Water State Revolving Fund to a project for a water system that serves a severely disadvantaged community.

AB 2543 (Eggman D) State agencies: infrastructure project budget and schedule: Internet Web site information.

Current Text: Amended: 3/13/2018 [html](#) [pdf](#)

Introduced: 2/15/2018

Last Amend: 3/13/2018

Status: 7/3/2018-Read second time. Ordered to third reading.

Location: 7/3/2018-S. THIRD READING

Summary: Would require each state agency or department authorized to undertake any infrastructure project costing \$100,000,000 or more to publicly post on its Internet Web site any change in the cost or schedule of the project that would result in the project exceeding its established budget by 10 percent or more or being delayed by 12 months or longer. The bill would require that the posted information describe how much the project is expected to exceed its established budget or delay its construction schedule.

AB 2654 (Quirk-Silva D) Design-build: Orange County.

Current Text: Amended: 6/14/2018 [html](#) [pdf](#)

Introduced: 2/15/2018

Last Amend: 6/14/2018

Status: 7/3/2018-Read second time. Ordered to third reading.

Location: 7/3/2018-S. THIRD READING

Summary: Would authorize the County of Orange to use the design-build process for specified types of public works infrastructure projects, limited to no more than one project per year in excess of \$5,000,000. The bill would also authorize the Orange County Flood Control District to use the design-build process for flood protection improvements and would limit those to no more than 12 projects in excess of \$5,000,000 prior to January 1, 2025.

AB 2975 (Friedman D) Wild and scenic rivers.

Current Text: Amended: 5/29/2018 [html](#) [pdf](#)

Introduced: 2/16/2018

Last Amend: 5/29/2018

Status: 6/26/2018-From committee: Do pass and re-refer to Com. on APPR. (Ayes 7. Noes 2.) (June 26). Re-referred to Com. on APPR.

Location: 6/26/2018-S. APPR.

Calendar: 8/6/2018 10 a.m. - John L. Burton Hearing Room (4203)
SENATE APPROPRIATIONS, PORTANTINO, Chair

Summary: Would, if (1) the federal government takes action to enact a statute that, upon enactment, would require the removal or delisting of any river or segment of a river in California that is included in the national wild and scenic rivers system and not in the state wild and scenic rivers system; or (2) the secretary determines that the federal government by enactment of a statute or by executive order has exempted a river or segment of a river in California that is not in the state wild and scenic river system from the protection of certain federal provisions governing restrictions on water resources projects, require the secretary, after holding a public hearing on the issue, based on the information obtained through the public hearing, to determine whether the provision of state protection for the river or segment of the river that has been removed, delisted, or exempted from the federal wild and scenic rivers system is in the best interest of the state and, if so, to take specified actions, until December 31, 2025, to add the river or segment of a river to the state wild and scenic rivers system and to classify that river or segment of a river, as prescribed.

SB 49 (De León D) California Environmental, Public Health, and Workers Defense Act of 2017.

Current Text: Amended: 9/12/2017 [html](#) [pdf](#)

Introduced: 12/5/2016

Last Amend: 9/12/2017

Status: 9/12/2017-From committee with author's amendments. Read second time and amended. Re-referred to Com. on RLS.

Location: 9/11/2017-A. RLS.

Summary: Would require specified agencies to take prescribed actions to maintain and enforce certain requirements and standards pertaining to air, water, and protected species. By imposing new duties on local agencies, this bill would impose a state-mandated local program. This bill contains other related provisions and other existing laws.

SB 623 (Monning D) Water quality: Safe and Affordable Drinking Water Fund.

Current Text: Amended: 8/21/2017 [html](#) [pdf](#)

Introduced: 2/17/2017

Last Amend: 8/21/2017

Status: 9/1/2017-From committee: Without recommendation. (Ayes 11. Noes 0.) (September 1) Re-referred to Com. on RLS.

Location: 9/1/2017-A. RLS.

Summary: Would establish the Safe and Affordable Drinking Water Fund in the State Treasury and would provide that moneys in the fund are continuously appropriated to the State Water Resources Control Board. The bill would require the board to administer the fund to secure access to safe drinking water for all Californians, while also ensuring the long-term sustainability of drinking water service and infrastructure. The bill would authorize the state board to provide for the deposit into the fund of federal contributions, voluntary contributions, gifts, grants, bequests, and settlements from parties

responsible for contamination of drinking water supplies.

SB 919 (Dodd D) **Water resources: stream gages.**

Current Text: Amended: 6/27/2018 [html](#) [pdf](#)

Introduced: 1/22/2018

Last Amend: 6/27/2018

Status: 6/27/2018-Read second time and amended. Re-referred to Com. on APPR.

Location: 6/27/2018-A. APPR.

Summary: Would require the Department of Water Resources and the State Water Resources Control Board, upon appropriation by the Legislature, to develop a plan to deploy a network of stream gages that includes a determination of funding needs and opportunities for modernizing and reactivating existing gages and deploying new gages, as specified. The bill would require the department and the board, in consultation with the Department of Fish and Wildlife, the Department of Conservation, the Central Valley Flood Protection Board, interested stakeholders, and, to the extent they wish to consult, local agencies, to develop the plan to address significant gaps in information necessary for water management and the conservation of freshwater species.

SB 952 (Anderson R) **Water conservation: local water supplies.**

Current Text: Introduced: 1/30/2018 [html](#) [pdf](#)

Introduced: 1/30/2018

Status: 2/8/2018-Referred to Com. on RLS.

Location: 1/30/2018-S. RLS.

Summary: Would state the intent of the Legislature to enact legislation that would require the State Water Resources Control Board to recognize local water agency investment in water supply and will ensure that local agencies receive sufficient credit for these investments in meeting any water conservation or efficiency mandates.

SB 979 (Cannella R) **Water Quality, Supply, and Infrastructure Improvement Act of 2014.**

Current Text: Introduced: 2/1/2018 [html](#) [pdf](#)

Introduced: 2/1/2018

Status: 2/14/2018-Referred to Com. on RLS.

Location: 2/1/2018-S. RLS.

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. The bond act requires \$200,000,000 of that amount to be available for grants for multibenefit stormwater management projects. This bill would make a nonsubstantive change in those grant provisions.

SB 998 (Dodd D) **Discontinuation of residential water service: urban and community water systems.**

Current Text: Amended: 6/14/2018 [html](#) [pdf](#)

Introduced: 2/5/2018

Last Amend: 6/14/2018

Status: 6/27/2018-From committee: Do pass and re-refer to Com. on APPR. (Ayes 4. Noes 1.) (June 26). Re-referred to Com. on APPR.

Location: 6/26/2018-A. APPR.

Summary: Would require an urban and community water system, defined as a public water system that supplies water to more than 200 service connections, to have a written policy on discontinuation of water service to certain types of residences for nonpayment available in prescribed languages. The bill would require the policy to include certain components, be available on the system's Internet Web site, and be provided to customers in writing, upon request. The bill would provide for enforcement of these provisions, including making a violation of these provisions punishable by a civil penalty issued by the board.

SB 1140 (Berryhill R) **State Water Resources Control Board.**

Current Text: Introduced: 2/13/2018 [html](#) [pdf](#)

Introduced: 2/13/2018

Status: 2/22/2018-Referred to Com. on RLS.

Location: 2/13/2018-S. RLS.

Summary: Current law declares that to provide for the orderly and efficient administration of the water resources in the state, it is necessary to establish the State Water Resources Control Board to exercise the adjudicatory and regulatory functions of the state in the field of water resources. Current law declares the intent of the Legislature to combine the water rights, water quality, and drinking water functions of the state government to provide for coordinated consideration of water rights, water quality, and safe and reliable drinking water. This bill would make nonsubstantive changes to these declarations.

SB 1215 (Hertzberg D) Provision of sewer service: disadvantaged communities.

Current Text: Amended: 7/2/2018 [html](#) [pdf](#)

Introduced: 2/15/2018

Last Amend: 7/2/2018

Status: 7/2/2018-Read second time and amended. Re-referred to Com. on APPR.

Location: 6/28/2018-A. APPR.

Summary: The Porter-Cologne Water Quality Control Act requires each California regional water quality control board to adopt water quality control plans and to establish water quality objectives in those plans, considering certain factors, to ensure the reasonable protection of beneficial uses and the prevention of nuisance. This bill would authorize the regional board to order the provision of sewer service by a special district, city, or county to a disadvantaged community, as defined, under specified circumstances. By authorizing the regional board to require a special district, city, or county to provide sewer service, this bill would impose a state-mandated local program.

SB 1364 (Vidak R) Safe, Clean, Reliable Water Supply Act.

Current Text: Introduced: 2/16/2018 [html](#) [pdf](#)

Introduced: 2/16/2018

Status: 3/8/2018-Referred to Com. on RLS.

Location: 2/16/2018-S. RLS.

Summary: Current law, the Safe, Clean, Reliable Water Supply Act, approved by the voters as Proposition 204 at the November 5, 1996, statewide general election, authorizes the issuance of general obligation bonds in the amount of \$995,000,000 for the purposes of financing a safe, clean, reliable water supply program. The bond act states various legislative findings and declarations. This bill would make a nonsubstantive change in those findings and declarations.

SB 1422 (Portantino D) California Safe Drinking Water Act: microplastics.

Current Text: Amended: 6/19/2018 [html](#) [pdf](#)

Introduced: 2/16/2018

Last Amend: 6/19/2018

Status: 6/27/2018-From committee: Do pass and re-refer to Com. on APPR. (Ayes 6. Noes 0.) (June 26). Re-referred to Com. on APPR.

Location: 6/26/2018-A. APPR.

Summary: Would require the State Water Resources Control Board to adopt requirements for the testing and reporting of the amount of microplastics in drinking water, including public disclosure of those results.

SCA 4 (Hertzberg D) Water conservation.

Current Text: Introduced: 2/2/2017 [html](#) [pdf](#)

Introduced: 2/2/2017

Status: 2/16/2017-Referred to Com. on RLS.

Location: 2/2/2017-S. RLS.

Summary: The California Constitution requires that the water resources of the state be put to beneficial use to the fullest extent of which they are capable and that the waste or unreasonable use or unreasonable method of use of water be prevented. This measure would declare the intent of the Legislature to amend the California Constitution to provide a program that would ensure that affordable water is available to all Californians and to ensure that water conservation is given a permanent role in California's future.

SCA 10 (Moorlach R) Public employee retirement benefits.

Current Text: Introduced: 2/17/2017 [html](#) [pdf](#)

Introduced: 2/17/2017

Status: 6/20/2017-June 26 set for first hearing canceled at the request of author.

Location: 3/2/2017-S. P.E. & R.

Summary: Would prohibit a government employer from providing public employees any retirement benefit increase until that increase is approved by a 2/3 vote of the electorate of the applicable jurisdiction and that vote is certified. The measure would define retirement benefit to mean any postemployment benefit and would define benefit increase as any change that increases the value of an employee's retirement benefit. The measure would define a government employer to include, among others, the state and any of its subdivisions, cities, counties, school districts, special districts, the Regents of the University of California, and the California State University.

Total Measures: 27

Total Tracking Forms: 27