

SOLANO COUNTY WATER AGENCY



BOARD OF DIRECTORS MEETING

BOARD OF DIRECTORS:

Chair:

Mayor Pete Sanchez
City of Suisun City

Vice Chair:

Director John D. Kluge
Solano Irrigation District

Mayor Elizabeth Patterson
City of Benicia

Mayor Thom Bogue
City of Dixon

Mayor Harry Price
City of Fairfield

Director Ryan Mahoney
Maine Prairie Water District

Director Dale Crossley
Reclamation District No. 2068

Mayor Norm Richardson
City of Rio Vista

Supervisor Erin Hannigan
Solano County District 1

Supervisor Monica Brown
Solano County District 2

Supervisor Jim Spering
Solano County District 3

Supervisor Skip Thomson
Solano County District 5

Supervisor John Vasquez
Solano County District 4

Mayor Len Augustine
City of Vacaville

Mayor Bob Sampayan
City of Vallejo

GENERAL MANAGER:

Roland Sanford
Solano County Water Agency

DATE: Thursday, June 8, 2017

TIME: 6:30 P.M.

PLACE: Berryessa Room
Solano County Water Agency Office
810 Vaca Valley Parkway, Suite 203
Vacaville

1. CALL TO ORDER
2. PLEDGE OF ALLEGIANCE
3. APPROVAL OF AGENDA
4. PUBLIC COMMENT

Limited to 5 minutes for any one item not scheduled on the Agenda.

5. CONSENT ITEMS

- (A) Minutes: Approval of the Minutes of the Board of Directors meeting of April 13, 2017 is recommended.
- (B) Expenditure Approvals: Approval of the April and May 2017 checking account register is recommended.
- (C) Putah South Canal Suction Dredge Cleaning Pilot Project – Reject all Bids: Rejection of all bids pertaining to the Putah South Canal Suction Dredge Cleaning Pilot Project is recommended.
- (D) Pre-Approval of Fiscal Year 2017-2018 Payments: Pre-approval of specified categories of bills for fiscal year 2017 – 2018 is recommended.
- (E) Statement of Investment Policy: Approval of the annual Statement of Investment Policy is recommended.
- (F) Appropriations Limit: Approval of appropriations limit for fiscal year 2017-2018 is recommended.



- (G) Adoption of Revised Conflict of Interest Code: Adopt revised Conflict of Interest Code for the Solano County Water Agency.

6. BOARD MEMBER REPORTS *(estimated time: 5 minutes)*

RECOMMENDATION: For information only

7. GENERAL MANAGER'S REPORT *(estimated time: 10 minutes)*

RECOMMENDATION: For information only.

8. FINAL PROGRAM ENVIRONMENTAL IMPACT REPORT FOR THE LOWER PUTAH CREEK RESTORATION PROJECT- UPPER REACH PROGRAM
(estimated time: 30 minutes)

RECOMMENDATION:

1. Receive presentation on Program Environmental Impact Report for the Lower Putah Creek Restoration Project- Upper Reach Program.
2. Authorize Chairman to adopt Resolution 2017-02 Certifying Final Program Environmental Impact Report for the Lower Putah Creek Restoration Project- Upper Reach Program.

9. SCWA BUDGET FOR FISCAL YEAR 2017-2018 *(estimated time: 20 minutes)*

RECOMMENDATION: Hear report from Staff and recommendation from the Executive Committee, acting as the Budget Review Committee, and consider adoption of the Water Agency's fiscal year 2017-2018 budget.

10. BUDGET IMPLEMENTATION ACTIONS *(estimated time: 15 minutes)*

- (A) State Water Project Tax Rate for Fiscal Year 2017-2018: Establish a tax rate of \$0.02 per \$100 of assessed valuation for the State Water Project property tax for fiscal year 2017-2018.
- (B) Cost of living Adjustment for Water Agency Employees: Award a 2.5% cost of living adjustment to Water Agency employees effective July 2, 2017. The cost of a 2.5% COLA is approximately \$39,742 for fiscal year 2017-2018.
- (C) Consultant Services Contracts and Renewals: Authorize General Manager to execute agreements and amendments for the following consultant services for work through fiscal year 2017-2018:
1. Agrichem, Nuisance Vegetation Management, new contract- contract limit of \$33,376;
 2. Blankinship & Associates, Inc., Compliance and Monitoring for Aquatic Pesticide Use, new contract - contract limit of \$41,100;
 3. Byro Technologies, NBA Capacity Reclamation Project, new contract, contract limit \$34,000;
 4. CH2MHILL, Solano HCP EIR/EIS, new contract -contract limit \$60,000;

5. Clean Tech Advocates, governmental advocacy, new contract – contract limit \$110,000;
6. Clean Lakes, Campbell Lake Algaecide Treatments, amendment time only-contract limit of \$160,000;
7. Eyasco, Inc., Data and Website Management, new contract- contract limit of \$275,620;
8. GHD – CII Water Conservation Program – new contract, contract limit \$125,000;
9. GHD – CII Water Use Efficiency Program evaluation – new contract, contract limit of \$96,000;
10. GHD – IRWMP Conservation Grant Administration, new contract, contract limit \$120,000;
11. IN Communications, High School Video Contest and Public Outreach, contract renewal – contract limit of \$30,000;
12. Iron Springs Corporation, Large Landscape BMP, contract renewal – contract limit of \$70,000;
13. LSA Associates Inc., Habitat Conservation Plan, new contract-contract limit of \$337,000;
14. Luhdorff & Scalmanini, Groundwater Monitoring and Data Collection, new contract-contract limit of \$123,373;
15. Shandam Consultants, Professional IT Support, new contract, contract limit \$50,000;
16. Solano Resource Conservation District, Barker Slough Watershed Partnership, new contract, contract limit \$50,000;
17. Southwest Environmental, Inc., high-efficiency toilet installation program, new contract - contract limit \$400,000;
18. Summers Engineering, Inc., Alternative Canal Cleanout – Engineering Support, new contract – contract limit of \$40,000;
19. Sustainable Solano, Water conservation and reuse outreach, new contract – contract limit of \$150,000;
20. Terraphase, Cache Slough Water Quality Monitoring, new contract- contract limit \$55,000;
21. Thinking Green Consultants, Regional high efficiency washer rebate, \$125,000
22. Wildlife Survey & Photo Service, Solano Project Biomonitoring for Aquatic Invasive Species, new contract-contract limit of \$210,913;
23. Wilson Public Affairs, NBA AIP public outreach, new contract – contract limit of \$60,000;
24. Yolo Resource Conservation District, Westside IRWMP Implementation Assistance, new-contract-contract limit \$66,323;
25. ZunZun, Solano School Education Program, new contract- contract limit of \$40,000.

11. **ADOPTION OF RESOLUTION IN SUPPORT OF ACWA POLICY STATEMENT ON BAY-DELTA FLOW REQUIREMENTS** *(estimated time: 15 minutes)*

RECOMMENDATION: Adopt Resolution Number 2017-03 in support of ACWA (Association of California Water Agencies) policy statement on Bay-Delta Flow Requirements.

12. **PURCHASE ORDER FOR SOLANO PROJECT MOBILE WASH STATION
INVASIVE MUSSEL DECONTAMINATION** *(estimated time: 10 minutes)*

RECOMMENDATION: Authorize General Manager to approve Purchase Order of up to \$30,000 for mobile wash station to decontaminate watercraft before the watercraft enter Lake Berryessa.

13. **LEGISLATIVE UPDATES** *(estimated time: 15 minutes)*

RECOMMENDATIONS:

1. Hear report from Committee Chair on activities of the SCWA Legislative Committee.
2. Authorize SCWA Legislative Committee Chair or General Manager to sign and submit letter of support for AB 851 (Caballero) – Design-Build Contracting.
3. Authorize SCWA Legislative Committee Chair or General Manager to sign and submit “letter of support if amended” for AB 1587 (Levine) – Quagga Mussels.

14. **WATER POLICY UPDATES** *(estimated time: 10 minutes)*

RECOMMENDATIONS:

1. Hear report from staff on current and emerging Delta and Water Policy issues and provide direction.
2. Hear status report from Committee Chair on activities of the SCWA Water Policy Committee.
3. Hear report from Supervisor Thomson on activities of the Delta Counties Coalition, Delta Protection Commission, and Delta Stewardship Council.

15. **TIME AND PLACE OF NEXT MEETING**

Thursday, July 13 2017 at 6:30 p.m. at the SCWA offices.

The Full Board of Directors packet with background materials for each agenda item can be viewed on the Agency's website at www.scwa2.com.

Any materials related to items on this agenda distributed to the Board of Directors of Solano County Water Agency less than 72 hours before the public meeting are available for public inspection at the Agency's offices located at the following address: 810 Vaca Valley Parkway, Suite 203, Vacaville, CA 95688. Upon request, these materials may be made available in an alternative format to persons with disabilities.

CONSENT ITEMS

**SOLANO COUNTY WATER AGENCY
BOARD OF DIRECTORS MEETING MINUTES**

MEETING DATE: April 13, 2017

The Solano County Water Agency Board of Directors met this evening at the Solano County Water Agency.
Present were:

Supervisor Monica Brown, Solano County District 2
Supervisor James Spering, Solano County District 3
Supervisor John Vasquez, Solano County District 4
Supervisor Skip Thomson, Solano County District 5
Mayor Thom Bogue, City of Dixon
Mayor Elizabeth Patterson, City of Benicia
Chuck Timm, City of Fairfield
Mayor Len Augustine, City of Vacaville
Mayor Pete Sanchez, City of Suisun City
Mayor Bob Sampayan, City of Vallejo
Mayor Norman Richardson, City of Rio Vista
Director John Kluge, Solano Irrigation District
Director Ryan Mahoney, Maine Prairie Water District
Mike Hardesty, Reclamation District Number 2068

CALL TO ORDER

The meeting was called to order at 6:30 P.M. by Chair Sanchez.

APPROVAL OF AGENDA

On a motion by Mayor Bogue and a second by Mayor Richardson the Board unanimously approved the agenda.

PUBLIC COMMENT

There were no public comments.

CONSENT ITEMS

Mayor Bogue requested Item 5F be pulled for further discussion.

On a motion by Director Kluge and a second by Mayor Richardson the Board unanimously approved the following consent items:

- (A) Minutes
- (B) Expenditure Approvals
- (C) Quarterly Financial Reports
- (D) Purchase of Electronic Measurement and Control Data Loggers from Evasco
- (E) Approval of Three-year Service Agreement with Mann, Urrutia, and Nelson CPA's & Associates, LLP for Annual Audit
- (F) Approval of Amendment No. 1 with Southwest Environmental Incorporated for Installation of High-Efficiency Toilets (HETs) at Commercial, Industrial, and Institutional (CII) Locations in Solano County

BOARD MEMBER REPORTS

There were no Board member reports.

GENERAL MANAGER'S REPORT

General Manager Roland Sanford noted that the SCWA Board's Executive Committee has elected to cancel the May 11th regularly scheduled Board meeting. Mr. Sanford also reported staff is moving forward with plans for one or more Board workshops to discuss and define SCWA's future role in flood management. Workshop dates and locations to be determined.

BUDGET REVIEW COMMITTEE

On a motion by Chair Sanchez and a second by Supervisor Brown the Board unanimously approved the appointment of the Executive Committee to serve as the FY 2017-2018 Budget Review Committee.

**PURCHASE OF WATER CONSERVATION SHOWER TIMERS
FROM NEW ERA WATER TECHNOLOGIES**

No action was taken.

**AGREEMENT TO PREFUND OTHER POST EMPLOYMENT BENEFITS (OPEB) THROUGH
CALIFORNIA EMPLOYER'S RETIREMENT BENEFIT TRUST PROGRAM (CALPERS)**

On a motion by Mayor Patterson and a second Supervisor Brown the Board unanimously approved an agreement with CalPERS for prefunding of OPEB benefits through the California Employer's Retiree Benefit Trust (CERBT); delegated authority for program disbursements and transfer of funds to the General Manager, Principal Water Resources Engineer and Principal Water Resources Specialist; and authorized the General Manager to take any additional actions necessary to participate in the CalPERS CERBT program.

LEGISLATIVE UPDATES

The Legislative Committee met on April 5th to discuss legislative priorities and pending legislation. The Committee recommended the Board authorize the Committee Chair or General Manager to submit letters of support for AB 732 (Frazier) and SB5 (De Leon, Atkins, Dodd, Hueso, and Skinner). On a motion by Director Mahoney and a second by Mayor Patterson the Board unanimously approved to send a "letter of support" for AB 732 (Frazier). On a motion by Mayor Richardson and a second by Mayor Patterson the Board unanimously approved to send a "letter of support if amended" for SB5 (De Leon, Atkins, Dodd, Hueso, and Skinner).

WATER POLICY UPDATES

1. There was no report from staff on current and emerging Delta and Water Policy issues.
2. There was no report on activities of the SCWA Water Policy Committee. Next meeting is May 25th.
3. Supervisor Thomson briefed the Board on recent activities of the Delta County Coalition, Delta Stewardship Council, and Delta Protection Commission.

TIME AND PLACE OF NEXT MEETING

Thursday, June 8, 2017 at 6:30 p.m. at the SCWA offices.

ADJOURNMENT

This meeting of the Solano County Water Agency Board of Directors was adjourned at 7:40 p.m.

Roland Sanford
General Manager & Secretary to the
Solano County Water Agency

**ACTION OF
SOLANO COUNTY WATER AGENCY**

DATE: June 8, 2017
SUBJECT: Expenditures Approval

RECOMMENDATIONS:


Approve expenditures from the Water Agency checking accounts for the month of April and May, 2017.

FINANCIAL IMPACT:

All expenditures are within previously approved budget amounts.

BACKGROUND:

The Water Agency auditor has recommended that the Board of Directors approve all expenditures (in arrears). Attached is a summary of expenditures from the Water Agency's checking accounts for the month of April and May, 2017. Additional backup information is available upon request.

Recommended: 
Roland Sanford, General Manager

☐

Approved as
recommended

☐

Other
(see below)

☐

Continued on
next page

Modification to Recommendation and/or other actions:

I, Roland Sanford, General Manager and Secretary to the Solano County Water Agency, do hereby certify that the foregoing action was regularly introduced, passed, and adopted by said Board of Directors at a regular meeting thereof held on June 8, 2017 by the following vote.

Ayes:

Noes:

Abstain:

Absent:

Roland Sanford
General Manager & Secretary to the
Solano County Water Agency

SOLANO COUNTY WATER AGENCY
Cash Disbursements Journal
For the Period From Apr 1, 2017 to May 31, 2017

Filter Criteria includes: Report order is by Date. Report is printed in Detail Format.

Date	Check #	Account ID	Line Description	Debit Amount	Credit Amount
4/3/17	29872	2020SC 1020SC	Invoice: A707912 BSK ASSOCIATES	60.00	60.00
4/3/17	29873	2020SC 2020SC 1020SC	Invoice: 000009420058 Invoice: 000009420103 CALNET3	248.16 164.24	412.40
4/3/17	29874	2020SC 1020SC	Invoice: 4890 GARDENSOFT	3,000.00	3,000.00
4/3/17	29875	2020SC 1020SC	Invoice: 5678991 HOSE & FITTINGS, ETC	303.62	303.62
4/3/17	29876	2020SC 1020SC	Invoice: 2017-8 IN COMMUNICATIONS	2,432.50	2,432.50
4/3/17	29877	2020N 1020SC	Invoice: 0317-4 JEFFREY J JANIK	600.00	600.00
4/3/17	29878	2020SC 2020SC 2020SC 2020SC 2020SC 2020SC 2020SC 2020SC 1020SC	Invoice: 223786 Invoice: 223802 Invoice: 946899 Invoice: 224023 Invoice: 224595 Invoice: 224827 Invoice: 225201 Invoice: 225371 PACIFIC ACE HARDWARE	91.15 73.66 160.43 66.32 5.35 25.10 13.85 46.35	482.21
4/3/17	29879	2020SC 2020SC 2020SC 1020SC	Invoice: 745510 Invoice: 745511 Invoice: 748527 PISANIS AUTO PARTS	139.23 3.46 300.06	442.75
4/3/17	29880	2020SC 1020SC	Invoice: TREESPADE PARTS PRICHARDS NURSERY EQUIPMENT	764.00	764.00
4/3/17	29881	2020SC 1020SC	Invoice: 1217 ROCK STEADY JUGGLING	6,000.00	6,000.00
4/3/17	29882	2020SC 2020SC 1020SC	Invoice: 53909928 Invoice: 53910909 SBS LEASING A PROGRAM DE LAGE	1,026.24 77.67	1,103.91
4/3/17	29883	2020SC 1020SC	Invoice: 20961-23 THE REGENTS OF THE UNIVERSITY OF CA	3,118.52	3,118.52
4/3/17	29884	2020SC 1020SC	Invoice: ELIZABETH BROOKS ELIZABETH BROOKS	1,000.00	1,000.00
4/3/17	29885	2020N 1020SC	Invoice: APRIL 2017 CLEAN TECH ADVOCATES	8,600.00	8,600.00
4/4/17	29880V	2020SC 1020SC	Invoice: TREESPADE PARTS PRICHARDS NURSERY EQUIPMENT	764.00	764.00
4/5/17	EFT	2023AC 1020SC	FSA REIMBURSABLE APRIL 2017 ROLAND A. SANFORD	55.00	55.00
4/6/17	29886	2020SC 1020SC	Invoice: 0475941 ACWA JOINT POWERS INSURANCE AUTHORITY	1,476.33	1,476.33
4/6/17	29887	2020SC 1020SC	Invoice: 1868927 THE REINAL T-THOMAS CORP	228.16	228.16
4/6/17	29888	2020N 1020SC	Invoice: 570856 CALTEST ANALYTICAL LAB	2,404.00	2,404.00
4/6/17	29889	2020SC	Invoice: 50097345	383.91	

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Date	Check #	Account ID	Line Description	Debit Amount	Credit Amount
		1020SC	CHEVRON AND TEXACO		383.91
4/6/17	29890	2020SC	Invoice: POLAR REGISTRATION	52.00	
		1020SC	DMV RENEWAL		52.00
4/6/17	29891	2020SC	Invoice: 4353614	1,096.25	
		1020SC	EVERBANK COMMERCIAL FINANCE		1,096.25
4/6/17	29892	2020SC	Invoice: 4139	28,297.00	
		1020SC	EYASCO, INC.		28,297.00
4/6/17	29893	2020SC	Invoice: CF07065	818.64	
		1020SC	GARTON TRACTOR, INC.		818.64
4/6/17	29894	2020SC	Invoice: 4228002319	306.64	
		1020SC	GUCKENHEIMER HOLDINGS, LLC		306.64
4/6/17	29895	2020SC	Invoice: 0183095	208.55	
		2020SC	Invoice: 0183133	12.00	
		1020SC	PETRILLO'S TIRE AND AUTO SERVICE		220.55
4/6/17	29896	2020N	Invoice: TREESPADE PARTS	822.26	
		1020SC	PRICHARDS NURSERY EQUIPMENT		822.26
4/6/17	29897	2020SC	Invoice: 00973073	25.00	
		1020SC	RECOLOGY HAY ROAD		25.00
4/6/17	29898	2020U	Invoice: MAR 2017	1,285.04	
		1020SC	SOLANO COUNTY FLEET MANAGEMENT		1,285.04
4/6/17	29899	2020SC	Invoice: 201704-13064	1,386.42	
		1020SC	TERRA REALTY ADVISORS, INC.		1,386.42
4/6/17	29900	2020SC	Invoice: JERYL COMEAUX	50.00	
		1020SC	JERYL COMEAUX		50.00
4/6/17	29901	2020SC	Invoice: SANDY KOVALCIK	787.50	
		1020SC	SANDY KOVALCIK		787.50
4/6/17	29902	2020SC	Invoice: 687813	302.92	
		1020SC	VALLEY TRUCK & TRACTOR CO.		302.92
4/6/17	29903	2020SC	Invoice: 31934	1,954.12	
		2020SC	Invoice: FC 4221	293.12	
		1020SC	YOLO-SOLANO AQMD		2,247.24
4/6/17	29904	2020SC	Invoice: APR 2017 EXEC MTG	100.00	
		2020SC	Invoice: APR 2017 LEGIS MTG	100.00	
		1020SC	JOHN D. KLUGE		200.00
4/6/17	29905	2020SC	Invoice: APR 2017 LEGIS MTG	100.00	
		1020SC	ELIZABETH PATTERSON		100.00
4/6/17	29906	2020SC	Invoice: 34628	4,770.00	
		1020SC	SOUTHWEST ENVIRONMENTAL		4,770.00
4/6/17	COLIAS MAR	6330AC	SUNSET HOTEL	160.19	
		6360AC	PAYPAL SALMONIDRES	220.00	
		1020SC	BANK OF THE WEST		380.19
4/8/17	EFT	2024AC	EMPLOYEE LIABILITIES	12,293.33	
			PPE 04.08.17		
		6012AC	EMPLOYER LIABILITIES	1,680.10	
			PPE 04.08.17		
		1020SC	PAYROLL TAXES		13,973.43
4/8/17	EFT	2024AC	EMPLOYEE LIABILITIES		68.83
			PPE 04.08.17		

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		6012AC	PPE 04.08.17 EMPLOYER LIABILITIES		72.06
		1020SC	PPE 04.08.17 PAYROLL TAXES	140.89	
4/11/17	29907	2020SC	Invoice: 2346	3,624.59	
		1020SC	AG INNOVATIONS		3,624.59
4/11/17	29908	2020SC	Invoice: 7041478-CV_SCWA	1,471.50	
		1020SC	ALPHA ANALYTICAL LABORATORIES		1,471.50
4/11/17	29909	2020SC	Invoice: IN-1170384539	2,480.00	
		1020SC	ALPHA MEDIA II LLC		2,480.00
4/11/17	29910	2020SC	Invoice: 1867862	882.50	
		1020SC	THE REINAL T-THOMAS CORP		882.50
4/11/17	29911	2020SC	Invoice: 000008862738	751.12	
		2020SC	Invoice: 000008862783	331.90	
		1020SC	CALNET3		1,083.02
4/11/17	29912	2020SC	Invoice: 00019260	890.69	
		1020SC	CORPORATE SHIRTS DIRECT		890.69
4/11/17	29913	2020SC	Invoice: MAR 2017	960.00	
		2020SC	Invoice: JAN 2017	1,280.00	
		1020SC	DENNIS BOWKER		2,240.00
4/11/17	29914	2020SC	Invoice: B50067.01-09	4,109.56	
		1020SC	ERLER & KALINOWSKI		4,109.56
4/11/17	29915	2020SC	Invoice: 79311	612.00	
		2020SC	Invoice: 79310	10,310.93	
		1020SC	GHD, INC.		10,922.93
4/11/17	29916	2020SC	Invoice: 8010987	60.78	
		2020SC	Invoice: 8010988	17.16	
		2020SC	Invoice: 5023891	101.74	
		2020SC	Invoice: 8012512	72.91	
		2020SC	Invoice: 1013421	270.35	
		2020U	Invoice: 1971540	751.22	
		2020SC	Invoice: FCH-006250543	20.00	
		2020SC	Invoice: 7565675	493.40	
		2020SC	Invoice: 4010266	168.69	
		2020SC	Invoice: 4010267	69.81	
		1020SC	HOME DEPOT CREDIT SERVICE		2,026.06
4/11/17	29917	2020SC	Invoice: CL48105	424.05	
		1020SC	INTERSTATE OIL COMPANY		424.05
4/11/17	29918	2020SC	Invoice: 72832	5,730.00	
		2020SC	Invoice: 72833	3,681.25	
		1020SC	INTEGRATED ENVIRONMENTAL RESTORATION		9,411.25
4/11/17	29919	2020SC	Invoice: 1415	5,516.00	
		1020SC	IRON SPRINGS CORPORATION		5,516.00
4/11/17	29920	2020SC	Invoice: 1179	1,530.00	
		1020SC	KC ENGINEERING COMPANY		1,530.00
4/11/17	29921	2020N	Invoice: PASS THRU #15	29,295.00	
		1020SC	NAPA COUNTY FC&WCD		29,295.00
4/11/17	29922	2020SC	Invoice: 0331170229	2,186.25	
		1020SC	SHANDAM CONSULTING		2,186.25
4/11/17	29923	2020SC	Invoice: 118482	435.00	
		1020SC	SIERRA CONTROLS LLC		435.00

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4/11/17	29924	2020SC	Invoice: 0005363	14,445.46	
		2020SC	Invoice: 0005364	197.78	
		2020SC	Invoice: 0005366	22,593.89	
		1020SC	SOLANO IRRIGATION DISTRICT		37,237.13
4/11/17	29925	2020U	Invoice: 06023	4,835.95	
		2020U	Invoice: 06022	19,367.69	
		2020U	Invoice: 06024	728.19	
		2020U	Invoice: 06026	8,766.26	
		2020SC	Invoice: 06021	999.13	
		2020U	Invoice: 06025	9,210.60	
		1020SC	SOLANO COUNTY PUBLIC WORKS DIVISION		43,907.82
4/11/17	29926	2020SC	Invoice: LPCCCPROP 1-2017-04	7,405.70	
		1020SC	STREAMWISE		7,405.70
4/11/17	29927	2020SC	Invoice: SW-0134078	1,148.00	
		2020SC	Invoice: SW-0134007	909.00	
		1020SC	SWRCB		2,057.00
4/11/17	29928	2020SC	Invoice: LARRY FRIESEN	1,000.00	
		1020SC	LARRY FRIESEN		1,000.00
4/11/17	ASHLEY MA	6040AC	NAPOLI PIZZA - ADVISORY COMM MTG	92.03	
		6360AC	ABAG INC SF - IEP WORKSHOP REGISTRATION FOR CHRIS LEE AND ALEX RABIDOUX	290.00	
		6040AC	SAFEWAY - TEAM MTG FOOD	149.85	
		6040AC	NAPOLI PIZZA - BOARD MTG FOOD	97.97	
		6040AC	REMOTELINK - HEW REBATE CONF CALL	16.36	
		6040AC	CHEVRON - ICE FOR TEAM MTG	4.96	
		6040AC	WALMART - COOKIES FOR TEAM MTG	10.00	
		6040AC	NAPOLI PIZZA - HCP MTG	186.83	
		6040AC	REMOTELINK - SGMA COF CALL	30.03	
		6040AC	REMOTELINK -	38.72	
		6040AC	REMOTELINK - EXEC COMM CONF CALL	11.72	
		6040AC	NAPOLI PIZZA	56.56	
		1020SC	BANK OF THE WEST		985.03
4/12/17	29912V	2020SC	Invoice: 00019260		890.69
		1020SC	CORPORATE SHIRTS DIRECT	890.69	
4/14/17	EFT	6040AC	CUSTOM EMPLOYEE HANDBOOK ADMINISTRATION - APR 2017	69.96	
		6111AC	PAYCHEX FSA PARTICIPANT FEE	113.50	
		1020SC	PAYCHEX, INC.		183.46
4/14/17	EFT	2020SC	Invoice: 2017041201	191.30	
		1020SC	PAYCHEX, INC.		191.30
4/14/17	EFT	2020SC	Invoice: SIP PPE 04.08.17	4,187.28	
		1020SC	CALPERS		4,187.28
4/14/17	EFT	2020SC	Invoice: PPE 04.08.17	8,308.28	
		1020SC	CALPERS		8,308.28
4/14/17	EFT	2020SC	Invoice: PEPR PPE 04.08.17	1,145.20	
		1020SC	CALPERS		1,145.20

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Date	Check #	Account ID	Line Description	Debit Amount	Credit Amount
4/17/17	29929	2020SC 1020SC	Invoice: PROP 84 RD I ACWA ALAMEDA COUNTY WATER DISTRICT	29,532.66	29,532.66
4/17/17	29930	2020SC 1020SC	Invoice: 1868747 THE REINAL T-THOMAS CORP	77.48	77.48
4/17/17	29931	2020SC 1020SC	Invoice: PROP 84 RD I BAW BAY AREA WATER SUPPLY &	47,000.13	47,000.13
4/17/17	29932	2020SC 1020SC	Invoice: APRIL 2017 BOARD MTG THOMAS BOGUE	100.00	100.00
4/17/17	29933	2020SC 1020SC	Invoice: A708845 BSK ASSOCIATES	60.00	60.00
4/17/17	29934	2020SC 1020SC	Invoice: 4049116 CH2M HILL	4,320.20	4,320.20
4/17/17	29935	2020SC 1020SC	Invoice: WAIT CITY OF NAPA WATER DIVISION	16,453.47	16,453.47
4/17/17	29936	2020SC 1020SC	Invoice: PROP 84 RD I AR3565 CONTRA COSTA WATER DISTRICT	52,746.06	52,746.06
4/17/17	29937	2020SC 1020SC	Invoice: 00019260 CORPORATE SHIRTS DIRECT	879.38	879.38
4/17/17	29938	2020SC 1020SC	Invoice: PROP 84 RD I EBMUD EAST BAY MUNICIPAL UTILITY DIST.	53,092.35	53,092.35
4/17/17	29939	2020SC 1020SC	Invoice: 80016 GHD, INC.	2,699.00	2,699.00
4/17/17	29940	2020SC 1020SC	Invoice: APRIL 2017 BOARD MTG MIKE HARDESTY	100.00	100.00
4/17/17	29941	2020SC 2020SC 2020SC 1020SC	Invoice: 84481 Invoice: 84482 Invoice: 84259 HERUM \ CRABTREE \ SUNTAG	2,284.80 12,661.57 132.60	15,078.97
4/17/17	29942	2020SC 1020SC	Invoice: 0007631558-9 PACIFIC GAS & ELECTRIC CO,	990.00	990.00
4/17/17	29943	2020SC 1020SC	Invoice: APRIL 2017 BOARD MTG ELIZABETH PATTERSON	132.64	132.64
4/17/17	29944	2020SC 1020SC	Invoice: 6924 REGIONAL GOVERNMENT SERVICES	1,260.00	1,260.00
4/17/17	29945	2020SC 1020SC	Invoice: APRIL 2017 BOARD MTG BOB SAMPAYAN	134.78	134.78
4/17/17	29946	2020SC 1020SC	Invoice: 009917 SAM'S CLUB	223.10	223.10
4/17/17	29947	2020U 1020SC	Invoice: 06028 SOLANO COUNTY PUBLIC WORKS DIVISION	3,756.94	3,756.94

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Date	Check #	Account ID	Line Description	Debit Amount	Credit Amount
4/17/17	29948	2020SC	Invoice: CORRECTED CALL 144	54.00	
		1020SC	CHARLES LOMELI, TAX COLLECTOR		54.00
4/17/17	29949	2020SC	Invoice: APRIL 2017 BOARD MTG	100.00	
		1020SC	JAMES SPERING		100.00
4/17/17	29950	2020SC	Invoice: MAR 2017	8,914.22	
		1020SC	SUSTAINABLE SOLANO		8,914.22
4/17/17	29951	2020SC	Invoice: APRIL 2017 BOARD MTG	116.05	
		1020SC	CHUCK TIMM		116.05
4/17/17	29952	2020SC	Invoice: SARAH CRAWFORD	512.00	
		1020SC	SARAH CRAWFORD		512.00
4/17/17	29953	2020SC	Invoice: MARK LESTER DELA TOR	1,000.00	
		1020SC	MARK LESTER DELA TORRE		1,000.00
4/17/17	29954	2020SC	Invoice: ANNA PHAM	599.00	
		1020SC	ANNA PHAM		599.00
4/17/17	29955	2020SC	Invoice: JOHN PICETTI	732.00	
		1020SC	JOHN PICETTI		732.00
4/17/17	29956	2020SC	Invoice: JUAN QUINDAY	50.00	
		1020SC	JUAN QUINDAY		50.00
4/17/17	29956V	2020SC	Invoice: JUAN QUINDAY		50.00
		1020SC	JUAN QUINDAY	50.00	
4/17/17	29957	2020SC	Invoice: STEPHEN REHBEIN	1,000.00	
		1020SC	STEPHEN REHBEIN		1,000.00
4/17/17	29957V	2020SC	Invoice: STEPHEN REHBEIN		1,000.00
		1020SC	STEPHEN REHBEIN	1,000.00	
4/17/17	29958	2020SC	Invoice: JAMES THOMPSON	1,000.00	
		1020SC	JAMES THOMPSON		1,000.00
4/17/17	29958V	2020SC	Invoice: JAMES THOMPSON		1,000.00
		1020SC	JAMES THOMPSON	1,000.00	
4/17/17	29959	2020SC	Invoice: APRIL 2017 BOARD MTG	100.00	
		1020SC	JOHN VASQUEZ		100.00
4/17/17	29959	2020SC	Invoice: JUAN QUINDAY	50.00	
		1020SC	JUAN QUINDAY		50.00
4/17/17	29959V	2020SC	Invoice: APRIL 2017 BOARD MTG		100.00
		1020SC	JOHN VASQUEZ	100.00	
4/17/17	29960	2020SC	Invoice: STEPHEN REHBEIN	1,000.00	
		1020SC	STEPHEN REHBEIN		1,000.00
4/17/17	29961	2020SC	Invoice: JAMES THOMPSON	1,000.00	
		1020SC	JAMES THOMPSON		1,000.00
4/17/17	29962	2020SC	Invoice: APRIL 2017 BOARD MTG	100.00	
		1020SC	JOHN VASQUEZ		100.00
4/18/17	29963	2020SC	Invoice: APR 2017 BOARD MTG	100.00	
		1020SC	RYAN MAHONEY		100.00
4/18/17	EFT	2023AC	FSA REIMBURSABLE APRIL 2017	40.00	
		1020SC	ROLAND A. SANFORD		40.00

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Date	Check #	Account ID	Line Description	Debit Amount	Credit Amount
4/22/17	EFT	2024AC	EMPLOYEE LIABILITIES	12,617.64	
			PPE 04.22.17		
		6012AC	EMPLOYER LIABILITIES	2,206.67	
			PPE 04.08.17		
		1020SC	PAYROLL TAXES		14,824.31
4/22/17	EFT	2023AC	FSA REIMBURSABLE APRIL 2017	135.00	
		1020SC	ROLAND A. SANFORD		135.00
4/24/17	FOWLER MA	6230SC	BEST BUY - NETWORK CABLE	32.27	
		6041AC	CELLULAR OUTFITTER - SCREEN PROTECTOR AND CASE FOR APPLE I PHONE 7	51.16	
		6041AC	AMAZON - BELT CLIP FOR I PHON	19.44	
		6041AC	AMAZON - BELT CLIP AND SCREEN PROTECTOR FOR I PHONE	18.94	
		6199SC	WALMART - SUPPLIES	15.95	
		6042AC	AMAZON - GARMIN 60CSX SERIES BATTERY	10.41	
		6042AC	AMAZON - BATTERY	14.95	
		6199SC	SILICONE SOLUTIONS - SUPPLIES	86.91	
		1020SC	BANK OF THE WEST		250.03
4/25/17	30018	2020SC	Invoice: CORRECT Q4 2016		1,102.97
		2020SC	Invoice: 01.01.17 - 03.31.17	2,556.23	
		1020SC	ACWA JOINT POWERS INSURANCE AUTHORIT		1,453.26
4/25/17	30019	2020SC	Invoice: 06 692696	418.36	
		1020SC	BETTS TRUCK PARTS & SERVICE		418.36
4/25/17	30020	2020SC	Invoice: A708335	300.00	
		1020SC	BSK ASSOCIATES		300.00
4/25/17	30021	2020SC	Invoice: 000009556239	248.51	
		2020SC	Invoice: 000009556284	164.24	
		1020SC	CALNET3		412.75
4/25/17	30022	2020SC	Invoice: 17-232-V-MAR 2017		6,557.00
		2020SC	Invoice: 17-024-O MAY 2017	666.00	
		2020SC	Invoice: 17-026-T MAY 2017	560,903.00	
		1020SC	DEPARTMENT OF WATER RESOURCES		555,012.00
4/25/17	30024	2020SC	Invoice: JAN - MAR 2017	193.40	
		1020SC	IAN BAKER		193.40
4/25/17	30025	2020SC	Invoice: 0106271	60.00	
		2020SC	Invoice: 0106473	60.00	
		1020SC	JUST THE FINEST PEST MNGT		120.00
4/25/17	30026	2020SC	Invoice: 500607	144.00	
		1020SC	M&M SANITARY LLC		144.00
4/25/17	30027	2020SC	Invoice: PROP 84 RD 1 MMWD	18,996.94	
		1020SC	MARIN MUNICIPAL WATER DISTRICT		18,996.94
4/25/17	30028	2020SC	Invoice: 24.02-5 MCCORD	35,974.92	
		1020SC	ENVIRONMENTAL, INC.		35,974.92
4/25/17	30029	2020SC	Invoice: PROP 84 RD 1 NCFC	5,472.86	
		1020SC	NAPA COUNTY FC&WCD		5,472.86
4/25/17	30030	2020SC	Invoice: 64401 NORMANDEAU	7,380.00	
		1020SC	ASSOCIATES, INC.		7,380.00

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4/25/17	30031	2020SC 1020SC	Invoice: 3/13/17-4/10/17 PACIFIC GAS & ELECTRIC CO,	927.07	927.07
4/25/17	30032	2020SC 1020SC	Invoice: JAN 1 --MAR 31 2017 PUTAH CREEK COUNCIL	43,070.94	43,070.94
4/25/17	30033	2020SC 1020SC	Invoice: 41034612 RECOLOGY VACAVILLE SOLANO	239.18	239.18
4/25/17	30034	2020SC 1020SC	Invoice: 5123099 REDI-GRO CORPORATION	203.51	203.51
4/25/17	30035	2020SC 1020SC	Invoice: PROP 84 RD 1 SCVWD SANTA CLARA VALLEY WATER DISTRICT	53,041.75	53,041.75
4/25/17	30036	2020SC 1020SC	Invoice: PROP 84 RD 1 SFPD SAN FRANCISCO PUBLIC UTILITIES COMM.	49,312.39	49,312.39
4/25/17	30037	2020SC 1020SC	Invoice: 00053700 SOLANO IRRIGATION DISTRICT	238,782.91	238,782.91
4/25/17	30038	2020U 2020U 2020U 1020SC	Invoice: 06032 Invoice: 06031 Invoice: 06030 SOLANO COUNTY PUBLIC WORKS DIVISION	4,004.32 1,266.32 3,060.31	8,330.95
4/25/17	30039	2020SC 1020SC	Invoice: PROP 84 RD 1 SCWA SONOMA COUNTY WATER AGENCY	29,376.98	29,376.98
4/25/17	30040	2020SC 1020SC	Invoice: 006492990046MAY2017 STANDARD INSURANCE COMPANY	1,450.35	1,450.35
4/25/17	30041	2020SC 2020SC 2020SC 2020SC 2020SC 2020SC 2020SC 2020SC 2020SC 2020SC 2020SC 2020SC	Invoice: 1781269301 Invoice: 37549 Invoice: 1794894561 Invoice: 1794931271 Invoice: 1795456361 Invoice: 1795457721 Invoice: 1795573371 Invoice: 1795574151 Invoice: 1788054751 Invoice: 1790644571 Invoice: 35485 STAPLES	54.88 52.69 16.35 9.46 202.96 50.51 10.76 10.16 215.21 34.05 99.29	756.32
4/25/17	30042	2020SC 1020SC	Invoice: PROP 84 RD 1 STOP ALAMEDA COUNTY WASTE MANAGEMENT AUTHORITY	11,512.35	11,512.35
4/25/17	30043	2020SC 1020SC	Invoice: 18952 SUMMERS ENGINEERING, INC.	8,903.67	8,903.67
4/25/17	30044	2020SC 1020SC	Invoice: 300251187 TRACTOR SUPPLY CREDIT PLAN	26.81	26.81
4/25/17	30045	2020SC 2020SC 1020SC	Invoice: LPCCC-FY2016-17_7 Invoice: SCWA-FY2016-17_7 WILDLIFE SURVEY & PHOTO SERVICES	2,070.96 15,742.50	17,813.46
4/25/17	30046	2020SC 1020SC	Invoice: 363 WINTERS TOW SERVICE	200.00	200.00

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4/25/17	30047	2020SC 1020SC	Invoice: 14 YOLO COUNTY RCD	15,103.58	15,103.58
4/25/17	30048	2020SC 1020SC	Invoice: PROP 84 RD 1 ZONE7 ZONE 7 WATER AGENCY	36,202.37	36,202.37
4/25/17	BARICH MA	6042AC 6310AC 6041AC 6310AC 6042AC 1020SC	THE HOME DEPOT - SUPPLIES CHEVRON - FUEL STAPLES - CHAIRS CHEVRON - FUEL THE HOME DEPOT - SUPPLIES BANK OF THE WEST	13.95 38.90 430.48 59.10 193.34	735.77
4/25/17	CUETARA M	6144SC 6310AC 6144SC 6144SC 1020SC	AMAZON PRIME - MEMBERSHIP CHEVRON - FUEL L COM - ADAPTER FOR MODEMS APPLE I TUNES BANK OF THE WEST	106.55 80.58 109.24 0.99	297.36
4/25/17	FLORENDO	6551AC 6040AC 1020SC	360 WEB SECURITY SITE - SITELOCK FOR WEB GSL STATE COMP - LUNCH FOR MEETING BANK OF THE WEST	50.00 30.02	80.02
4/25/17	JONES MAR 2	6183SC 6183SC 6310AC 6230SC 6230SC 6042AC 1020SC	YOLO COUNTY LANDFILL - GARBAGE YOLO COUNTY LANDFILL - GARBAGE CHEVRON - FUEL STAPLES - SUPPLIES HARBOR FREIGHT - TOOLS EB RIPARIAN RESTORATION - RIPARIAN WORKSHOP BANK OF THE WEST	22.88 6.24 46.66 142.37 458.61 11.54	688.30
4/25/17	LEE MAR 201	6330AC 6330AC 6040AC 6040AC 6410AC 6410AC 6112AC 1020SC	PAYPAL - SALMONID CONFERENCE HACIENDA DEL RIO - IEP LUNCH PEETS - SGMA MTG SOLANO BAKING - SGMA MTG BEST BUY - MY PASSPORT ULTRA , WEBCAM ADOBE CREATIVE CLOUD GO DADDY - PREMIUM SITELOCK BANK OF THE WEST	70.00 32.00 21.00 52.40 295.94 49.99 83.88	605.21
4/25/17	MAROVICH	6183SC 6183SC 6183SC 6183SC 6183SC 2025SC 2025SC 2025SC 1020SC	SERVICE CASTER CORP - NURSERY CART REPAIR O REILLY AUTO - FORKLIFT BATTERY UPS - SHIPPING SURPLUS TUBS GTI HARRIS SEEDS - NURSERY SOIL HEAT CABLE SERVICE CASTER CORP - NURSERY CART REPAIR SALES TAX SERVICE CASTER CORP - NURSERY CART REPAIR SALES TAX GTI HARRIS SEEDS - NURSERY SOIL HEAT CABLE SALES TAX SERVICE CASTER CORP - NURSERY CART REPAIR BANK OF THE WEST	113.96 129.19 153.08 93.05 52.22	8.08 6.60 3.70 523.12

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Date	Check #	Account ID	Line Description	Debit Amount	Credit Amount
4/25/17	PATE MAR 20	6330AC	LAKE NATOMA INN - SWC MTGS	228.38	
		6330AC	STARBUCKS - IEP CONF	2.25	
		6330AC	SAMUEL HORNES - IEP CONF DINNER	20.00	
		6330AC	DOMINICKS NY PIZZA - IEP CONF LUNCH	10.00	
		6330AC	SAMUEL HORNES - IEP CONF	24.16	
		6330AC	QBOLE - IEP CONF	13.61	
		6330AC	BEST WESTERN - CWEMF CONF	109.45	
		6330AC	LAKE NATOMA INN - CWEMF CONFERENCE	336.06	
		6330AC	THE FAT RABBIT - CWEMF CONF	23.49	
		6330AC	ACE PARKING - CWEMF CONF	24.00	
		6330AC	MUNTEAN SOUPS - IEP CONF	11.88	
		6330AC	CITY OF SAC PARKING - IEP CONF	10.50	
		1020SC	BANK OF THE WEST		813.78
4/25/17	RABIDOUX	6140SC	CA NEWSPAPERS - PSC SUCTION DREDGE AD	230.80	
		6230SC	AMAZON - MOTOROLA REMOTE SPEAKER AND HEADSET	89.99	
		1020SC	BANK OF THE WEST		320.79
4/25/17	SANFORD M	6330AC	CITY OF SAC PARKING	10.50	
		1020SC	BANK OF THE WEST		10.50
4/25/17	SNYDER MA	6360AC	PAYPAL - SALMONID RESTORATION CONFERENCE	70.00	
		6300AC	AGILIS LINXUP - VEHICLE TRACKING	91.96	
		6360AC	RIPARIAN RESTORATION WORKSHOP	11.54	
		1020SC	BANK OF THE WEST		173.50
4/26/17	30019V	2020SC	Invoice: 06 692696		418.36
		1020SC	BETTS TRUCK PARTS & SERVICE	418.36	
4/28/17	10165	2020WC	Invoice: 17-03-3868	2,656.25	
		1010WC	MBK ENGINEERS		2,656.25
4/28/17	29964	2020SC	Invoice: 06 692696	418.36	
		1020SC	BETTS TRUCK PARTS & SERVICE		418.36
4/28/17	29964V	2020SC	Invoice: 06 692696		418.36
		1020SC	BETTS TRUCK PARTS & SERVICE	418.36	
4/28/17	29965	2020SC	Invoice: A710036	60.00	
		1020SC	BSK ASSOCIATES		60.00
4/28/17	29965V	2020SC	Invoice: A710036		60.00
		1020SC	BSK ASSOCIATES	60.00	
4/28/17	29966	2020SC	Invoice: 5-777-78355	479.68	
		1020SC	FEDEX EXPRESS		479.68
4/28/17	29966V	2020SC	Invoice: 5-777-78355		479.68
		1020SC	FEDEX EXPRESS	479.68	
4/28/17	29967	2020SC	Invoice: 1X135258	37.76	
		1020SC	HORIZON DISTRIBUTORS, INC.		37.76
4/28/17	29967V	2020SC	Invoice: 1X135258		37.76
		1020SC	HORIZON DISTRIBUTORS, INC.	37.76	

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			INC.		
4/28/17	29968	2020SC 1020SC	Invoice: 17712 JENSEN INSTRUMENT COMPANY	227.24	227.24
4/28/17	29968V	2020SC 1020SC	Invoice: 17712 JENSEN INSTRUMENT COMPANY	227.24	227.24
4/28/17	29969	2020SC 1020SC	Invoice: 227093 PACIFIC ACE HARDWARE	32.14	32.14
4/28/17	29969V	2020SC 1020SC	Invoice: 227093 PACIFIC ACE HARDWARE	32.14	32.14
4/28/17	29970	2020SC 1020SC	Invoice: INVOICE REVISED 5526 RED BARN EQUIPMENT SALES, INC.	733.34	733.34
4/28/17	29970V	2020SC 1020SC	Invoice: INVOICE REVISED 5526 RED BARN EQUIPMENT SALES, INC.	733.34	733.34
4/28/17	29971	2020SC 1020SC	Invoice: 1180 ROCK STEADY JUGGLING	750.00	750.00
4/28/17	29971V	2020SC 1020SC	Invoice: 1180 ROCK STEADY JUGGLING	750.00	750.00
4/28/17	29972	2020SC 1020SC	Invoice: 06 692696 BETTS TRUCK PARTS & SERVICE	418.36	418.36
4/28/17	29972V	2020SC 1020SC	Invoice: 06 692696 BETTS TRUCK PARTS & SERVICE	418.36	418.36
4/28/17	29973	2020SC 1020SC	Invoice: A710036 BSK ASSOCIATES	60.00	60.00
4/28/17	29973V	2020SC 1020SC	Invoice: A710036 BSK ASSOCIATES	60.00	60.00
4/28/17	29974	2020SC 1020SC	Invoice: 5-777-78355 FEDEX EXPRESS	479.68	479.68
4/28/17	29974V	2020SC 1020SC	Invoice: 5-777-78355 FEDEX EXPRESS	479.68	479.68
4/28/17	29975	2020SC 1020SC	Invoice: 1X130890 HORIZON DISTRIBUTORS, INC.	22.19	22.19
4/28/17	29975V	2020SC 1020SC	Invoice: 1X130890 HORIZON DISTRIBUTORS, INC.	22.19	22.19
4/28/17	29976	2020SC 1020SC	Invoice: 17712 JENSEN INSTRUMENT COMPANY	227.24	227.24
4/28/17	29976V	2020SC 1020SC	Invoice: 17712 JENSEN INSTRUMENT COMPANY	227.24	227.24
4/28/17	29977	2020SC 1020SC	Invoice: 5510 RED BARN EQUIPMENT SALES, INC.	733.34	733.34
4/28/17	29977V	2020SC 1020SC	Invoice: 5510 RED BARN EQUIPMENT SALES, INC.	733.34	733.34

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4/28/17	29978	2020SC 1020SC	Invoice: 1180 ROCK STEADY JUGGLING	750.00	750.00
4/28/17	29978V	2020SC 1020SC	Invoice: 1180 ROCK STEADY JUGGLING	750.00	750.00
4/28/17	29979	2020SC 1020SC	Invoice: 06 692696 BETTS TRUCK PARTS & SERVICE	418.36	418.36
4/28/17	29979V	2020SC 1020SC	Invoice: 06 692696 BETTS TRUCK PARTS & SERVICE	418.36	418.36
4/28/17	29980	2020SC 1020SC	Invoice: A710036 BSK ASSOCIATES	60.00	60.00
4/28/17	29980V	2020SC 1020SC	Invoice: A710036 BSK ASSOCIATES	60.00	60.00
4/28/17	29981	2020SC 1020SC	Invoice: 5-777-78355 FEDEX EXPRESS	479.68	479.68
4/28/17	29981V	2020SC 1020SC	Invoice: 5-777-78355 FEDEX EXPRESS	479.68	479.68
4/28/17	29982	2020SC 1020SC	Invoice: 1X130890 HORIZON DISTRIBUTORS, INC.	22.19	22.19
4/28/17	29982V	2020SC 1020SC	Invoice: 1X130890 HORIZON DISTRIBUTORS, INC.	22.19	22.19
4/28/17	29983	2020SC 1020SC	Invoice: 17712 JENSEN INSTRUMENT COMPANY	227.24	227.24
4/28/17	29983V	2020SC 1020SC	Invoice: 17712 JENSEN INSTRUMENT COMPANY	227.24	227.24
4/28/17	29984	2020SC 1020SC	Invoice: 5510 RED BARN EQUIPMENT SALES, INC.	733.34	733.34
4/28/17	29984V	2020SC 1020SC	Invoice: 5510 RED BARN EQUIPMENT SALES, INC.	733.34	733.34
4/28/17	29985	2020SC 1020SC	Invoice: 1180 ROCK STEADY JUGGLING	750.00	750.00
4/28/17	29985V	2020SC 1020SC	Invoice: 1180 ROCK STEADY JUGGLING	750.00	750.00
4/28/17	29986	2020SC 1020SC	Invoice: 75603 STERLING MAY CO.	40.00	40.00
4/28/17	29986V	2020SC 1020SC	Invoice: 75603 STERLING MAY CO.	40.00	40.00
4/28/17	29987	2020SC 1020SC	Invoice: 06 692696 BETTS TRUCK PARTS & SERVICE	418.36	418.36
4/28/17	29987V	2020SC 1020SC	Invoice: 06 692696 BETTS TRUCK PARTS & SERVICE	418.36	418.36
4/28/17	29988	2020SC 1020SC	Invoice: A710036 BSK ASSOCIATES	60.00	60.00
4/28/17	29988V	2020SC 1020SC	Invoice: A710036 BSK ASSOCIATES	60.00	60.00

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Date	Check #	Account ID	Line Description	Debit Amount	Credit Amount
4/28/17	29989	2020SC 1020SC	Invoice: 5-777-78355 FEDEX EXPRESS	479.68	479.68
4/28/17	29989V	2020SC 1020SC	Invoice: 5-777-78355 FEDEX EXPRESS	479.68	479.68
4/28/17	29990	2020SC 1020SC	Invoice: 1X130890 HORIZON DISTRIBUTORS, INC.	22.19	22.19
4/28/17	29990V	2020SC 1020SC	Invoice: 1X130890 HORIZON DISTRIBUTORS, INC.	22.19	22.19
4/28/17	29991	2020SC 1020SC	Invoice: 17712 JENSEN INSTRUMENT COMPANY	227.24	227.24
4/28/17	29991V	2020SC 1020SC	Invoice: 17712 JENSEN INSTRUMENT COMPANY	227.24	227.24
4/28/17	29992	2020SC 1020SC	Invoice: 5510 RED BARN EQUIPMENT SALES, INC.	733.34	733.34
4/28/17	29992V	2020SC 1020SC	Invoice: 5510 RED BARN EQUIPMENT SALES, INC.	733.34	733.34
4/28/17	29993	2020SC 1020SC	Invoice: 1180 ROCK STEADY JUGGLING	750.00	750.00
4/28/17	29993V	2020SC 1020SC	Invoice: 1180 ROCK STEADY JUGGLING	750.00	750.00
4/28/17	29994	2020SC 1020SC	Invoice: 75603 STERLING MAY CO.	40.00	40.00
4/28/17	29994V	2020SC 1020SC	Invoice: 75603 STERLING MAY CO.	40.00	40.00
4/28/17	29995	2020SC 1020SC	Invoice: 06 692696 BETTS TRUCK PARTS & SERVICE	418.36	418.36
4/28/17	29995V	2020SC 1020SC	Invoice: 06 692696 BETTS TRUCK PARTS & SERVICE	418.36	418.36
4/28/17	29996	2020SC 1020SC	Invoice: A710036 BSK ASSOCIATES	60.00	60.00
4/28/17	29996V	2020SC 1020SC	Invoice: A710036 BSK ASSOCIATES	60.00	60.00
4/28/17	29997	2020SC 1020SC	Invoice: 5-777-78355 FEDEX EXPRESS	479.68	479.68
4/28/17	29997V	2020SC 1020SC	Invoice: 5-777-78355 FEDEX EXPRESS	479.68	479.68
4/28/17	29998	2020SC 1020SC	Invoice: 1X130890 HORIZON DISTRIBUTORS, INC.	22.19	22.19
4/28/17	29998V	2020SC 1020SC	Invoice: 1X130890 HORIZON DISTRIBUTORS, INC.	22.19	22.19
4/28/17	29999	2020SC 1020SC	Invoice: 17712 JENSEN INSTRUMENT COMPANY	227.24	227.24
4/28/17	29999V	2020SC 1020SC	Invoice: 17712 JENSEN INSTRUMENT COMPANY	227.24	227.24

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Date	Check #	Account ID	Line Description	Debit Amount	Credit Amount
COMPANY					
4/28/17	30000	2020SC 1020SC	Invoice: 5510 RED BARN EQUIPMENT SALES, INC.	733.34	733.34
4/28/17	30000V	2020SC 1020SC	Invoice: 5510 RED BARN EQUIPMENT SALES, INC.	733.34	733.34
4/28/17	30001	2020SC 1020SC	Invoice: 1180 ROCK STEADY JUGGLING	750.00	750.00
4/28/17	30001V	2020SC 1020SC	Invoice: 1180 ROCK STEADY JUGGLING	750.00	750.00
4/28/17	30002	2020SC 1020SC	Invoice: 75603 STERLING MAY CO.	40.00	40.00
4/28/17	30002V	2020SC 1020SC	Invoice: 75603 STERLING MAY CO.	40.00	40.00
4/28/17	30003	2020SC 1020SC	Invoice: 1X135258 HORIZON DISTRIBUTORS, INC.	37.76	37.76
4/28/17	30003V	2020SC 1020SC	Invoice: 1X135258 HORIZON DISTRIBUTORS, INC.	37.76	37.76
4/28/17	30004	2020SC 1020SC	Invoice: 226530 PACIFIC ACE HARDWARE	13.59	13.59
4/28/17	30004V	2020SC 1020SC	Invoice: 226530 PACIFIC ACE HARDWARE	13.59	13.59
4/28/17	30005	2020SC 1020SC	Invoice: 06 692696 BETTS TRUCK PARTS & SERVICE	418.36	418.36
4/28/17	30005V	2020SC 1020SC	Invoice: 06 692696 BETTS TRUCK PARTS & SERVICE	418.36	418.36
4/28/17	30006	2020SC 1020SC	Invoice: A710036 BSK ASSOCIATES	60.00	60.00
4/28/17	30006V	2020SC 1020SC	Invoice: A710036 BSK ASSOCIATES	60.00	60.00
4/28/17	30007	2020SC 1020SC	Invoice: 1X130890 HORIZON DISTRIBUTORS, INC.	22.19	22.19
4/28/17	30007V	2020SC 1020SC	Invoice: 1X130890 HORIZON DISTRIBUTORS, INC.	22.19	22.19
4/28/17	30008	2020SC 1020SC	Invoice: 17712 JENSEN INSTRUMENT COMPANY	227.24	227.24
4/28/17	30008V	2020SC 1020SC	Invoice: 17712 JENSEN INSTRUMENT COMPANY	227.24	227.24
4/28/17	30009	2020SC 1020SC	Invoice: 226074 PACIFIC ACE HARDWARE	12.86	12.86
4/28/17	30009V	2020SC 1020SC	Invoice: 226074 PACIFIC ACE HARDWARE	12.86	12.86
4/28/17	30010	2020SC 1020SC	Invoice: 5510 RED BARN EQUIPMENT SALES, INC.	733.34	733.34

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4/28/17	30010V	2020SC 1020SC	Invoice: 5510 RED BARN EQUIPMENT SALES, INC.	733.34	733.34
4/28/17	30011	2020SC 1020SC	Invoice: 1180 ROCK STEADY JUGGLING	750.00	750.00
4/28/17	30011V	2020SC 1020SC	Invoice: 1180 ROCK STEADY JUGGLING	750.00	750.00
4/28/17	30012	2020SC 1020SC	Invoice: 75603 STERLING MAY CO.	40.00	40.00
4/28/17	30012V	2020SC 1020SC	Invoice: 75603 STERLING MAY CO.	40.00	40.00
4/28/17	30013	2020SC 1020SC	Invoice: 06 692696 BETTS TRUCK PARTS & SERVICE	418.36	418.36
4/28/17	30013V	2020SC 1020SC	Invoice: 06 692696 BETTS TRUCK PARTS & SERVICE	418.36	418.36
4/28/17	30014	2020SC 1020SC	Invoice: A710036 BSK ASSOCIATES	60.00	60.00
4/28/17	30014V	2020SC 1020SC	Invoice: A710036 BSK ASSOCIATES	60.00	60.00
4/28/17	30015	2020SC 1020SC	Invoice: 1X130890 HORIZON DISTRIBUTORS, INC.	22.19	22.19
4/28/17	30015V	2020SC 1020SC	Invoice: 1X130890 HORIZON DISTRIBUTORS, INC.	22.19	22.19
4/28/17	30016	2020SC 1020SC	Invoice: 17712 JENSEN INSTRUMENT COMPANY	227.24	227.24
4/28/17	30016V	2020SC 1020SC	Invoice: 17712 JENSEN INSTRUMENT COMPANY	227.24	227.24
4/28/17	30017	2020SC 1020SC	Invoice: 5510 RED BARN EQUIPMENT SALES, INC.	733.34	733.34
4/28/17	30017V	2020SC 1020SC	Invoice: 5510 RED BARN EQUIPMENT SALES, INC.	733.34	733.34
4/28/17	30049	2020SC 1020SC	Invoice: 06 692696 BETTS TRUCK PARTS & SERVICE	418.36	418.36
4/28/17	30050	2020SC 2020SC 1020SC	Invoice: A710036 Invoice: A709580 BSK ASSOCIATES	60.00 25.00	85.00
4/28/17	30051	2020SC 1020SC	Invoice: 5-777-78355 FEDEX EXPRESS	479.68	479.68
4/28/17	30052	2020SC 1020SC	Invoice: CL49408 INTERSTATE OIL COMPANY	275.98	275.98
4/28/17	30053	2020N 1020SC	Invoice: 0417-4 JEFFREY J JANI	600.00	600.00
4/28/17	30054	2020SC 1020SC	Invoice: APR 10-26, 2017 PATE, THOMAS	217.95	217.95
4/28/17	30055	2020SC 1020SC	Invoice: 754965 REDI-GRO CORPORATION	2,905.40	2,905.40

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4/28/17	30056	2020SC 2020SC 1020SC	Invoice: 54237008 Invoice: 54237678 SBS LEASING A PROGRAM DE LAGE	998.75 77.67	1,076.42
4/28/17	30057	2020SC 1020SC	Invoice: 75603 STERLING MAY CO.	40.00	40.00
4/28/17	30057V	2020SC 1020SC	Invoice: 75603 STERLING MAY CO.	40.00	40.00
4/28/17	30058	2020SC 1020SC	Invoice: 003 THINKING GREEN CONSULTANTS	910.88	910.88
4/28/17	30059	2020SC 1020SC	Invoice: VIOLETA AURENSAN VIOLETA AURENSAN	930.00	930.00
4/28/17	30060	2020SC 1020SC	Invoice: BIANCA BUSTOS-VELAZQ BIANCA BUSTOS-VELAZQUEZ	724.00	724.00
4/28/17	30061	2020SC 1020SC	Invoice: WENDY KAMARI STAYER WENDY KAMARI STAYER	50.00	50.00
4/28/17	30062	2020SC 1020SC	Invoice: ROSALIND LOPEZ ROSALIND LOPEZ	1,000.00	1,000.00
4/28/17	30063	2020SC 1020SC	Invoice: PAGEE MALECH PAGEE MALECH	840.00	840.00
4/28/17	30064	2020SC 1020SC	Invoice: JOSEPHINE REDRICO JOSEPHINE REDRICO	1,000.00	1,000.00
4/28/17	30065	2020SC 1020SC	Invoice: CHRISTINE TRAN SANTA CHRISTINE TRAN SANTA MARIA	294.00	294.00
4/28/17	30066	2020SC 1020SC	Invoice: HEATHER WILSON HEATHER WILSON	1,000.00	1,000.00
4/28/17	30067	2020SC 1020SC	Invoice: 290 WILSON PUBLIC AFFAIRS	10,018.64	10,018.64
4/28/17	30068	2020SC 1020SC	Invoice: 75603 STERLING MAY CO.	40.60	40.60
4/28/17	EFT	2020SC 1020SC	Invoice: 2017042601 PAYCHEX, INC.	221.10	221.10
4/28/17	EFT	2020SC 1020SC	Invoice: SIP PPE 04.22.17 CALPERS	4,116.04	4,116.04
4/28/17	EFT	2020SC 1020SC	Invoice: PPE 04.22.17 CALPERS	8,049.00	8,049.00
4/28/17	EFT	2020SC 1020SC	Invoice: PEPRA PPE 04.22.17 CALPERS	1,292.38	1,292.38
5/1/17	EFT	2020SC 1020SC	Invoice: HEALTH MAY 2017 CALPERS	15,664.98	15,664.98
5/1/17	FEHRENKAM	6040AC 6040AC 6360AC 6090AC	PURE GRAIN BAKERY - BOARD MEETING NAPOLIS PIZZA - BOARD MEETING GOVERNMENT FINANCE OFFICERS ASSO. - GFOA BUDGETING GOVERNMENT FINANCE - GFOA MEMBERSHIP	43.50 95.00 160.00 160.00	

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Date	Check #	Account ID	Line Description	Debit Amount	Credit Amount
		1020SC	BANK OF THE WEST		458.50
5/2/17	30065V	2020SC	Invoice: CHRISTINE TRAN SANTA		294.00
		1020SC	CHRISTINE TRAN SANTA MARIA	294.00	
5/3/17	30070	2020SC	Invoice: 187089	36.00	
		1020SC	A & L WESTERN AGRICULTURAL LABS		36.00
5/3/17	30071	2020SC	Invoice: 2418617	556.02	
		1020SC	AMERICAN TOWER CORPORATION		556.02
5/3/17	30072	2020N	Invoice: MAY 2017	8,600.00	
		1020SC	CLEAN TECH ADVOCATES		8,600.00
5/3/17	30073	2020SC	Invoice: 3434	2,164.77	
		1020SC	DIXON POLARIS ROY		2,164.77
5/3/17	30074	2020SC	Invoice: PR010108079		4.69
		1020SC	HOLT OF CALIFORNIA	4.69	
5/3/17	30074V	2020SC	Invoice: PR010108079	4.69	
		1020SC	HOLT OF CALIFORNIA		4.69
5/3/17	30075	2020SC	Invoice: 1x125986		3.41
		2020SC	Invoice: 1X126891		60.86
		2020SC	Invoice: 1X130890	22.19	
		2020SC	Invoice: CREDIT		5.64
		2020SC	Invoice: 1X134841	132.59	
		2020SC	Invoice: 1X135258	37.76	
		1020SC	HORIZON DISTRIBUTORS, INC.		122.63
5/3/17	30076	2020SC	Invoice: 1721	650.00	
		1020SC	LAKE BERRYESSA BOAT & JET SKI RENTAL		650.00
5/3/17	30077	2020SC	Invoice: 152804	16,934.48	
		1020SC	LSA ASSOCIATES, INC.		16,934.48
5/3/17	30078	2020SC	Invoice: 225672	22.90	
		2020SC	Invoice: 226074	12.86	
		2020SC	Invoice: 226081	10.17	
		2020SC	Invoice: 951337	73.36	
		2020SC	Invoice: 226345	18.21	
		2020SC	Invoice: 226381	37.07	
		2020SC	Invoice: 226446	10.71	
		2020SC	Invoice: 226445	21.43	
		2020SC	Invoice: 226530	13.59	
		2020SC	Invoice: 227093	32.14	
		2020SC	Invoice: 227357	75.00	
		1020SC	PACIFIC ACE HARDWARE		327.44
5/3/17	30079	2020SC	Invoice: 1221	3,250.00	
		1020SC	ROCK STEADY JUGGLING		3,250.00
5/3/17	30080	2020U	Invoice: APR 2017	1,011.89	
		1020SC	SOLANO COUNTY FLEET MANAGEMENT		1,011.89
5/3/17	30081	2020U	Invoice: 06004	10,330.18	
		2020U	Invoice: 06005	5,988.81	
		2020U	Invoice: 06002	8,734.52	
		2020U	Invoice: 06003	44,253.31	
		1020SC	SOLANO COUNTY PUBLIC WORKS DIVISION		69,306.82
5/3/17	30082	2020SC	Invoice: 20902-40	47,563.29	
		1020SC	THE REGENTS OF THE UNIVERSITY OF CA		47,563.29
5/3/17	30083	2020SC	Invoice: ALEX ROZUL	831.00	
		1020SC	ALEX ROZUL		831.00

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5/3/17	30084	2020SC	Invoice: KATHRYN	50.00	
		1020SC	MARCHESSEAU KATHRYN MARCHESSEAU		50.00
5/3/17	30085	2020SC	Invoice: JAYNEE TAKATO I	1,000.00	
		1020SC	JAYNEE TAKATO		1,000.00
5/3/17	30086	2020SC	Invoice: RONALD VANSANT	50.00	
		1020SC	RONALD VANSANT		50.00
5/3/17	30087	2020SC	Invoice: 34626	200.00	
		1020SC	VISION TECHNOLOGY SOLUTIONS, LLC DBC		200.00
5/3/17	30088	2020SC	Invoice: CHRISTINE TRAN	294.00	
		1020SC	SANTA CHRISTINE TRAN SANTA MARIA		294.00
5/3/17	30089	2020SC	Invoice: WQ COAL AGREE	4,799.43	
		1020SC	SOLANO RESOURCE CONSERVATION DISTRICT		4,799.43
5/6/17	COLIAS APR	6551AC	FACEBOOK - ADS	15.00	
		6551AC	LOWES - SUPPLIES	175.67	
		6551AC	HOME DEPOT - SUPPLIES	114.86	
		1020SC	BANK OF THE WEST		305.53
5/6/17	EFT	2024AC	EMPLOYEE LIABILITIES	13,783.28	
			PPE 05.06.17		
		6012AC	EMPLOYER LIABILITIES	2,839.97	
			PPE 05.06.17		
		1020SC	PAYROLL TAXES		16,623.25
5/8/17	30090	2020SC	Invoice: 0481966	1,476.33	
		1020SC	ACWA JOINT POWERS INSURANCE AUTHORITY		1,476.33
5/8/17	30091	2020SC	Invoice: A710677	300.00	
		1020SC	BSK ASSOCIATES		300.00
5/8/17	30092	2020SC	Invoice: FCAC APR 2017	32.92	
		1020SC	RONALD CAMPBELL		32.92
5/8/17	30093	2020SC	Invoice: GJB1872	306.95	
		1020SC	CDW GOVERNMENT, INC.		306.95
5/8/17	30094	2020SC	Invoice: 50333105	367.54	
		1020SC	CHEVRON AND TEXACO		367.54
5/8/17	30095	2020SC	Invoice: 142664	1,600.34	
		1020SC	DEPT OF FORESTRY & FIRE PROTECTION		1,600.34
5/8/17	30096	2020SC	Invoice: 4416436	1,096.25	
		1020SC	EVERBANK COMMERCIAL FINANCE		1,096.25
5/8/17	30097	2020SC	Invoice: 1013	250.00	
		1020SC	FORTY-TWO PACIFIC, INC.		250.00
5/8/17	30098	2020SC	Invoice: 384220	270.00	
		1020SC	HAUGHN & SON TIRE		270.00
5/8/17	30099	2020SC	Invoice: 9020634	55.85	
		2020SC	Invoice: 3010541	83.89	
		2020SC	Invoice: 7011401	24.05	
		2020SC	Invoice: 1010617	15.55	
		2020SC	Invoice: 5020991	403.15	
		2020SC	Invoice: FCH-006271792	20.00	
		1020SC	HOME DEPOT CREDIT SERVICE		602.49
5/8/17	30100	2020SC	Invoice: 123492	5.01	

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		1020SC	JB POWER EQUIPMENT		5.01
5/8/17	30101	2020SC 1020SC	Invoice: 1451 J.T. MARTIN	750.00	750.00
5/8/17	30102	2020SC 1020SC	Invoice: 501853 M&M SANITARY LLC	128.00	128.00
5/8/17	30103	2020SC 2020SC 2020SC 1020SC	Invoice: 748858 Invoice: 750779 Invoice: 750802 PISANIS AUTO PARTS	29.56 121.11 .	16.09 134.58
5/8/17	30104	2020SC 1020SC	Invoice: LPCCC PROP 1-2017-05 STREAMWISE	5,409.68	5,409.68
5/8/17	30105	2020SC 1020SC	Invoice: 27004756 APRIL 2017 SUTTER MEDICAL FOUNDATION	80.00	80.00
5/8/17	30106	2020U 1020SC	Invoice: MAR, APR 2017 CRAIG D. THOMSEN	8,221.00	8,221.00
5/8/17	30107	2020SC 1020SC	Invoice: PAULA DASILVA PAULA DASILVA	1,500.00	1,500.00
5/8/17	30108	2020SC 1020SC	Invoice: ERNESTO GAMBOA ERNESTO GAMBOA	809.00	809.00
5/8/17	30109	2020SC 1020SC	Invoice: GENERAL ASSEMBLY CHU GENERAL ASSEMBLY CHURCH	5,000.00	5,000.00
5/8/17	30110	2020SC 1020SC	Invoice: STEVEN GOETZ STEVEN GOETZ	675.00	675.00
5/8/17	30111	2020SC 1020SC	Invoice: ROBERT PETERS ROBERT PETERS	1,486.50	1,486.50
5/8/17	30112	2020SC 1020SC	Invoice: SHANDRIKA POWELL SHANDRIKA POWELL	1,500.00	1,500.00
5/8/17	30113	2020SC 1020SC	Invoice: 703394 VALLEY TRUCK & TRACTOR CO.	9,645.38	9,645.38
5/8/17	30114	2020SC 1020SC	Invoice: 7003 ZUNZUN	8,400.00	8,400.00
5/10/17	30076V	2020SC 1020SC	Invoice: 1721 LAKE BERRYESSA BOAT & JET SKI RENTAL	650.00	650.00
5/10/17	30115	2020SC 1020SC	Invoice: VIDEO CONTEST 2017 BRETT BATES	250.00	250.00
5/10/17	30116	2020SC 1020SC	Invoice: VIDEO CONTEST 2017 CYRIL CARLOS	125.00	125.00
5/10/17	30117	2020SC 1020SC	Invoice: VIDEO CONTEST 2017 ERICH FRANK	250.00	250.00
5/10/17	30118	2020SC 1020SC	Invoice: VIDEO CONTEST 2017 NATALIE NINO	125.00	125.00
5/10/17	30119	2020SC 1020SC	Invoice: VIDEO CONTEST 2017 JOCELYN SWEENEY	1,250.00	1,250.00

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5/10/17	30120	2020SC 1020SC	Invoice: IN-1170484949 ALPHA MEDIA II LLC	1,665.00	1,665.00
5/10/17	30121	2020SC 1020SC	Invoice: VIDEO CONTEST 2017 DENISE D'ANDREA	750.00	750.00
5/10/17	30122	2020SC 1020SC	Invoice: 4157 EYASCO, INC.	19,682.01	19,682.01
5/10/17	30123	2020SC 2020SC 2020SC 1020SC	Invoice: 80703 Invoice: 80705 Invoice: 81357 GHD, INC.	1,327.50 542.50 1,589.00	3,459.00
5/10/17	30124	2020SC 1020SC	Invoice: SMALL GRANT DEBRA HAYES	16,000.00	16,000.00
5/10/17	30125	2020SC 1020SC	Invoice: c154121 INTERSTATE OIL COMPANY	508.77	508.77
5/10/17	30126	2020SC 1020SC	Invoice: 1721 LAKE BERRYESSA BOAT, JET SKI, UTV, RV R	650.00	650.00
5/10/17	30127	2020SC 1020SC	Invoice: VIDEO CONTEST 2017 ALEX OLMES	500.00	500.00
5/10/17	30128	2020SC 1020SC	Invoice: FCAC APR 2017 TERRY RIDDLE	38.21	38.21
5/10/17	30129	2020SC 1020SC	Invoice: VIDEO CONTEST 2017 CHLOE RIESINGER	750.00	750.00
5/10/17	30130	2020SC 1020SC	Invoice: C936502-541-#2 SHARP ELECTRONICS CORPRATION	8.31	8.31
5/10/17	30131	2020SC 2020SC 2020SC 2020SC 2020SC 2020SC 1020SC	Invoice: 48913 Invoice: 49067 Invoice: 49110 Invoice: 49212 Invoice: 49213 Invoice: 49338 SUISUN VALLEY FRUIT GROWERS AS	38.18 55.45 148.01 72.93 5.15 3.54	323.26
5/10/17	30132	2020SC 1020SC	Invoice: 4228002336 GUCKENHEIMER HOLDINGS, LLC.	1,250.40	1,250.40
5/10/17	30133	2020SC 1020SC	Invoice: 20961-24 THE REGENTS OF THE UNIVERSITY OF CA	4,627.54	4,627.54
5/10/17	30134	2020SC 1020SC	Invoice: WILLIAM BENNETT WILLIAM BENNETT	576.00	576.00
5/10/17	30135	2020SC 1020SC	Invoice: MIKE GUERIN MIKE GUERIN	1,500.00	1,500.00
5/10/17	30136	2020SC 1020SC	Invoice: 34742 VISION TECHNOLOGY SOLUTIONS, LLC DBC	200.00	200.00
5/10/17	30137	2020SC 1020SC	Invoice: 10797887 WILBUR-ELLIS COMPANY	239.08	239.08
5/10/17	30138	2020SC 1020SC	Invoice: K06617510101 ZONES INC.	376.99	376.99
5/10/17	EFT	2020SC 1020SC	Invoice: SIP PPE 05.06.17 CALPERS	4,116.04	4,116.04

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Date	Check #	Account ID	Line Description	Debit Amount	Credit Amount
		6210AC	MEETING NAPOLI PIZZA - BOARD	61.40	
		6040AC	MEETING NAPOLI PIZZA - ADVISORY	92.03	
		6040AC	COMM NAPOLI PIZZA - FCAC	101.97	
		6040AC	MEETING REMOTELINK - HEW	9.51	
		6040AC	REBATE CONF CALL WALMART - TEAM	10.00	
		6040AC	MEETING MURILLOS - TEAM	173.77	
		6040AC	MEETING SIMONS STAMPS -	95.80	
		6166SC	ACCOUNTING STAMPS NAPOLI PIZZA - INTERN	158.34	
		6166SC	MEETING WALMART - INTERN	5.00	
		6040AC	MEETING VISTA PRINT - ALEX	41.96	
		6040AC	RABIDOUX BUSINESS		
		6040AC	CARDS REMOTELINK - CONF CALL	4.84	
		6040AC	X STAMPER - NAME PLATE	18.38	
		6166SC	FOR SPENCER BEI PUREGRAIN BAKERY -	79.75	
		6166SC	INTERN MEETING WAL MART - INTERN	8.98	
		6040AC	MEETING REMOTELINK - CONF CALL	57.28	
		6040AC	WALMART - CCCC MEETING	7.98	
		1020SC	BANK OF THE WEST		1,166.36
5/12/17	EFT	6040AC	HANDBOOK ADMIN FEE	69.96	
		6040AC	MAY 2017 FSA PARTICIPANT FEE MAY	113.50	
		1020SC	2017 PAYCHEX, INC.		183.46
5/12/17	EFT	2020SC	Invoice: 2017050901	222.85	
		1020SC	PAYCHEX, INC.		222.85
5/16/17	30143	2020SC	Invoice: A711287	60.00	
		1020SC	BSK ASSOCIATES		60.00
5/16/17	30144	2020SC	Invoice: APR 2017	880.00	
		1020SC	DENNIS BOWKER		880.00
5/16/17	30145	2020SC	Invoice: 143119	914.48	
		1020SC	DEPT OF FORESTRY & FIRE		914.48
		1020SC	PROTECTION		
5/16/17	30146	2020SC	Invoice: 1416	5,516.00	
		1020SC	IRON SPRINGS		5,516.00
		1020SC	CORPORATION		
5/16/17	30147	2020SC	Invoice: 10.01-1	4,262.50	
		1020SC	LIFE SCIENCE		4,262.50
5/16/17	30148	2020SC	Invoice: 153042	14,553.75	
		1020SC	LSA ASSOCIATES, INC.		14,553.75
5/16/17	30149	2020SC	Invoice: 32816	31,591.85	
		1020SC	LUHDORFF & SCALMANINI		31,591.85
5/16/17	30150	2020SC	Invoice: 1012	2,491.74	
		2020SC	Invoice: 1011	2,491.74	
		1020SC	NEW ERA WATER		4,983.48
		1020SC	TECHNOLOGIES		
5/16/17	30151	2020SC	Invoice: 64601	1,020.00	
		1020SC	NORMANDEAU		1,020.00
		1020SC	ASSOCIATES, INC.		
5/16/17	30152	2020SC	Invoice: 170101-1	75.00	
		1020SC	PACIFIC NEON COMPANY		75.00

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Date	Check #	Account ID	Line Description	Debit Amount	Credit Amount
5/16/17	30153	2020SC 1020SC	Invoice: 6933 PERS PUBLIC AGENCY COALITION	250.00	250.00
5/16/17	30154	2020SC 1020SC	Invoice: 41094301 RECOLOGY VACAVILLE SOLANO	239.18	239.18
5/16/17	30155	2020SC 2020SC 1020SC	Invoice: 0005452 Invoice: 0005451 SOLANO IRRIGATION DISTRICT	131.55 13,413.64	13,545.19
5/16/17	30156	2020SC 1020SC	Invoice: 1087 SOLANO RESOURCE CONSERVATION DISTRICT	8,761.50	8,761.50
5/16/17	30157	2020SC 1020SC	Invoice: 989 STUMPY TRUCKING, INC.	800.00	800.00
5/16/17	30158	2020SC 1020SC	Invoice: 48762 SUISUN VALLEY FRUIT GROWERS AS	177.24	177.24
5/16/17	30159	2020SC 1020SC	Invoice: 9784706982 VERIZON WIRELESS	5,563.78	5,563.78
5/16/17	30160	2020SC 2020SC 2020SC 1020SC	Invoice: K06790520101 Invoice: K06808860101 Invoice: K06790520102 ZONES INC.	624.84 635.61 34.44	1,294.89
5/18/17	30054V	2020SC 1020SC	Invoice: APR 10-26, 2017 PATE, THOMAS	217.95	217.95
5/19/17	30159V	2020SC 1020SC	Invoice: 9784706982 VERIZON WIRELESS	5,563.78	5,563.78
5/19/17	30161	2020SC 1020SC	Invoice: APR 10-26, 2017 PATE, THOMAS	217.95	217.95
5/20/17	EFT	2024AC 6012AC 1020SC	EMPLOYEE LIABILITIES PPE 05.20.17 EMPLOYER LIABILITIES PPE 05.20.17 PAYROLL TAXES	13,943.08 2,818.38	16,761.46
5/22/17	30162	2020SC 1020SC	Invoice: OPEB 2017 CALPERS	730,000.00	730,000.00
5/23/17	30163	2020SC 1020SC	Invoice: 187670 A & L WESTERN AGRICULTURAL LABS	34.00	34.00
5/23/17	30164	2020SC 1020SC	Invoice: 33919 BRERETON ARCHITECTS	3,561.15	3,561.15
5/23/17	30165	2020SC 1020SC	Invoice: A711947 BSK ASSOCIATES	60.00	60.00
5/23/17	30166	2020SC 1020SC	Invoice: 17098 CENTRAL VALLEY EQUIPMENT REPAIR	2,761.22	2,761.22
5/23/17	30167	2020SC 2020SC 2020SC 2020SC 1020SC	Invoice: 17-147-U Invoice: 17-258-V-APR 2017 Invoice: 17-026-T-JUN 2017 Invoice: 17-024-O-JUN 2017 DEPARTMENT OF WATER RESOURCES	12,020.00 560,903.00 665.00	2,040.00 571,548.00
5/23/17	30168	2020SC 1020SC	Invoice: 17-3700154 DEPT. OF INFORMATION TECHNOLOGY	14,430.17	14,430.17

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5/23/17	30169	2020SC 1020SC	Invoice: 086006 ANDY GIANNINI BOBCAT SERVICE	3,409.48	3,409.48
5/23/17	30170	2020SC 2020SC 2020SC 1020SC	Invoice: 84625 Invoice: 84626 Invoice: 84624 HERUM\ CRABTREE\ SUNTAG	1,372.08 2,824.38 3,120.69	7,317.15
5/23/17	30171	2020SC 1020SC	Invoice: 05082017 J. RICHARD EICHMAN, CPA	254.00	254.00
5/23/17	30172	2020SC 1020SC	Invoice: 111474 KENNEDY/JENKS CONSULTANTS	4,028.21	4,028.21
5/23/17	30173	2020SC 1020SC	Invoice: 0007641001-8 PACIFIC GAS & ELECTRIC CO,	110.00	110.00
5/23/17	30174	2020SC 2020SC 1020SC	Invoice: 7018 Invoice: 7045 REGIONAL GOVERNMENT SERVICES	1,785.00 67.41	1,852.41
5/23/17	30175	2020SC 2020SC 2020SC 1020SC	Invoice: 1077 Invoice: 1088 Invoice: 1078 SOLANO RESOURCE CONSERVATION DISTRICT	11,070.92 2,995.87 756.64	14,823.43
5/23/17	30176	2020SC 2020SC 1020SC	Invoice: 34740 Invoice: 34739 SOUTHWEST ENVIRONMENTAL	12,453.00 51,800.00	64,253.00
5/23/17	30177	2020SC 1020SC	Invoice: 006492990046 JUN2017 STANDARD INSURANCE COMPANY	1,450.35	1,450.35
5/23/17	30178	2020SC 2020SC 2020SC 2020SC 2020SC 2020SC 2020SC 2020SC 1020SC	Invoice: 1805242071 Invoice: 1805243771 Invoice: 1806297191 Invoice: 1811206931 Invoice: 1814434071 Invoice: 99209 Invoice: 1819062461 Invoice: 1819068211 STAPLES	299.67 117.44 212.97 193.09 87.14 85.00 108.67 33.56	1,137.54
5/23/17	30179	2020SC 1020SC	Invoice: 5593 TERRAPHASE ENGINEERING	25,538.25	25,538.25
5/23/17	30180	2020SC 1020SC	Invoice: BAWMRP #002 THINKING GREEN CONSULTANTS	2,808.00	2,808.00
5/23/17	30181	2020SC 2020SC 2020SC 2020SC 2020SC 2020SC 1020SC	Invoice: 200354319 Invoice: 300251916 Invoice: 300251917 Invoice: 100123193 Invoice: 100123196 Invoice: 100123195 TRACTOR SUPPLY CREDIT PLAN	22.51 30.03 34.96 87.49 93.96 69.25	338.20
5/23/17	30182	2020SC 1020SC	Invoice: HARRY ENGLEBRIGHT HARRY ENGLEBRIGHT	1,000.00	1,000.00
5/23/17	30183	2020SC 1020SC	Invoice: JULIE JESSEE JULIE JESSEE	836.00	836.00
5/23/17	30184	2020SC	Invoice: CAROLANN MANDREDA	1,000.00	

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		1020SC	MANDELA CAROLANN MANDELA		1,000.00
5/23/17	30185	2020SC 1020SC	Invoice: DIANA THOMAS DIANA THOMAS	507.00	507.00
5/23/17	30186	2020SC 2020SC 1020SC	Invoice: 9784706982 Invoice: 9782893367 VERIZON WIRELESS	3,093.80 2,469.98	5,563.78
5/23/17	30187	2020SC 1020SC	Invoice: 298 WILSON PUBLIC AFFAIRS	10,021.89	10,021.89
5/23/17	30188	2020SC 1020SC	Invoice: 7004 ZUNZUN	2,300.00	2,300.00
5/23/17	30189	2020SC 1020SC	Invoice: PUBLIC NOTICE AD RIVER NEWS HERALD	78.00	78.00
5/25/17	30167V	2020SC 2020SC 2020SC 2020SC 1020SC	Invoice: 17-147-U Invoice: 17-258-V-APR 2017 Invoice: 17-026-T-JUN 2017 Invoice: 17-024-O-JUN 2017 DEPARTMENT OF WATER RESOURCES	2,040.00 571,548.00	12,020.00 560,903.00 665.00
5/25/17	BARICH APR	6310AC 6040AC 6040AC 6310AC 1020SC	QUICK STOP - FUEL WALMART - RETURNED AND CASH GIVEN TO SANDRA WALMART - HDMI CABLE CHEVRON - FUEL BANK OF THE WEST	14.38 26.68 42.69 42.48	 126.23
5/25/17	CUETARA AP	6310AC 6310AC 6300AC 6300AC 6310AC 6144SC 6310AC 6144SC 1020SC	CHEVRON - FUEL CHEVRON - FUEL OREILLY AUTO - WIPER FLUID SPEEDEE OIL - OIL CHANGE CHEVRON - FUEL SPARKLING INSTRUMENTS - PROGRAMMER FOR UC DAVIS METER CHEVRON - FUEL LOWES - WEED KILLER BANK OF THE WEST	74.61 73.17 7.53 67.57 83.66 344.43 71.74 25.81	 748.52
5/25/17	FLORENDO A	6612AC 6551AC 6551AC 6410AC 1020SC	ECO PRODUCTS - WORLD ART COLD CUP 360 WEB SECURITY - WESITE SECURITY AMAZON - THE PSYCHOLOGY OF PERSUASION, THE WATER PROBLEM VERIZON - SCREEN PROTECTOR BANK OF THE WEST	165.16 50.00 64.50 97.53	 377.19
5/25/17	FOWLER APR	6199SC 6199SC 6199SC 1020SC	WALMART - SUPPLIES WALMART - SUPPLIES VALLEY TRUCK AND TRACTOR - SUPPLIES BANK OF THE WEST	35.84 8.04 72.08	115.96
5/25/17	JONES APR 2	6310AC 6183SC 6181SC 6183SC 6040AC 6197SC	CHEVRON - FUEL YOLO COUNTY LANDFILL - GARBAGE R A TEMPLE INC - SUPPLIES MEEK BLDG CTR - POST FOR OWL BOX AT FIELD NURSERY TO CONTROL GOPHERS BERRYESSA SPRTING GOOD - FUEL CHEVRON - FUEL	46.28 18.00 166.17 48.98 95.78 86.97	

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Date	Check #	Account ID	Line Description	Debit Amount	Credit Amount
		1020SC	BANK OF THE WEST		462.18
5/25/17	LEE APR 2017	6410AC	CBI PARALLELS - PARALLES DESKTOP FOR MAC	49.99	
		6330AC	CITY OF SAC - PARKING	12.00	
		6410AC	CBI PARALLELS - PARALLES DESKTOP FOR MAC	49.99	
		6410AC	ADOBE CREATIVE CLOUD - SOFTWARE	49.99	
		1020SC	BANK OF THE WEST		161.97
5/25/17	MAROVICH	6183SC	GEMPLERS - NURSERY LABELS/STAKES	166.02	
		1020SC	BANK OF THE WEST		166.02
5/25/17	PATE APR 20	6360AC	ASSOCIATION OF CA - ACWA CONFERENCE	699.00	
		6230SC	LOWES - SUPPLIES	34.39	
		6410AC	AMAZON - VIDEO ADAPTER FOR APPLE LAPTOP	48.42	
		6330AC	1209 L STREET - PARKING	12.00	
		6330AC	SAUCED BBQ & SPIRITS - SWC MEETING WITH PHIL MILLER	23.00	
		6330AC	CITY OF SAC PARKING - PARKING	7.50	
		6330AC	BEST WESTERN - SWC MEETINGS	109.45	
		1020SC	BANK OF THE WEST		933.76
5/25/17	RABIDOUX A	6041AC	STAPLES DIRECT - OFFICE CHAIR	430.48	
		6144N	LOWES - SUPPLIES	30.09	
		1020SC	BANK OF THE WEST		460.57
5/25/17	SNYDER APR	6670U	SAFETY SIGN - VIOLATORS WILL BE PROSECUTED AND SCWA	353.96	
		6310AC	CHEVRON - FUEL	57.55	
		6300AC	AGLIS LINXUP - VEHICLE TRACKER	91.96	
		6310AC	CHEVRON - FUEL	10.32	
		6040AC	THE HOME DEPOT - SUPPLIES	39.93	
		6040AC	THE HOME DEPOT - SUPPLIES	14.91	
		6042AC	WALMART - SUPPLIES	77.81	
		6166SC	WALMART - SUPPLIES	99.69	
		6166SC	OREILLY AUTO - SUPPLIES	64.51	
		6310AC	QUICK STOP - FUEL	52.02	
		6670U	PACIFIC ACE HARDWARE - SUPPLIES	13.93	
		6300AC	VACAVILLE AUTO PARTS - SUPPLIES	10.74	
		6310AC	G&M OIL - DIESEL	73.40	
		6310AC	CHEVRON - FUEL	10.02	
		1020SC	BANK OF THE WEST		970.75
5/26/17	EFT	2020SC	Invoice: 2017052401	222.85	
		1020SC	PAYCHEX, INC.		222.85
5/26/17	EFT	2020SC	Invoice: SIP PPE 05.20.17	4,116.04	
		1020SC	CALPERS		4,116.04
5/26/17	EFT	2020SC	Invoice: PEPRA PPE 05.20.17	1,292.38	
		1020SC	CALPERS		1,292.38
5/26/17	EFT	2020SC	Invoice: PPE 05.20.17	8,049.00	
		1020SC	CALPERS		8,049.00
5/31/17	10166	2020WC	Invoice: 17-04-3868	303.95	
		1020SC	MBK ENGINEERS		303.95
5/31/17	30190	2020SC	Invoice: INV355901	2,100.00	
		2020SC	Invoice: INV355916	1,700.00	
		1020SC	CPS TRAINING CENTER		3,800.00

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5/31/17	30190V	2020SC	Invoice: INV355901		2,100.00
		2020SC	Invoice: INV355916		1,700.00
		1020SC	CPS TRAINING CENTER	3,800.00	
5/31/17	30191	2020SC	Invoice: MAY 2017 LEGIS	100.00	
		MTG			
		1020SC	DALE CROSSLEY		100.00
5/31/17	30191V	2020SC	Invoice: MAY 2017 LEGIS		100.00
		MTG			
		1020SC	DALE CROSSLEY	100.00	
5/31/17	30192	2020SC	Invoice: 17-147-U	12,020.00	
		1020SC	DEPARTMENT OF WATER		12,020.00
			RESOURCES		
5/31/17	30192V	2020SC	Invoice: 17-147-U		12,020.00
		1020SC	DEPARTMENT OF WATER	12,020.00	
			RESOURCES		
5/31/17	30193	2020SC	Invoice: INV355901	2,100.00	
		2020SC	Invoice: INV355916	1,700.00	
		1020SC	CPS TRAINING CENTER		3,800.00
5/31/17	30193V	2020SC	Invoice: INV355901		2,100.00
		2020SC	Invoice: INV355916		1,700.00
		1020SC	CPS TRAINING CENTER	3,800.00	
5/31/17	30194	2020SC	Invoice: MAY 2017 LEGIS	100.00	
		MTG			
		1020SC	DALE CROSSLEY		100.00
5/31/17	30194V	2020SC	Invoice: MAY 2017 LEGIS		100.00
		MTG			
		1020SC	DALE CROSSLEY	100.00	
5/31/17	30195	2020SC	Invoice: 17-147-U	12,020.00	
		1020SC	DEPARTMENT OF WATER		12,020.00
			RESOURCES		
5/31/17	30195V	2020SC	Invoice: 17-147-U		12,020.00
		1020SC	DEPARTMENT OF WATER	12,020.00	
			RESOURCES		
5/31/17	30196	2020SC	Invoice: 5-808-62595	451.49	
		1020SC	FEDEX EXPRESS		451.49
5/31/17	30196V	2020SC	Invoice: 5-808-62595		451.49
		1020SC	FEDEX EXPRESS	451.49	
5/31/17	30197	2020SC	Invoice: MAY 2017 LEGIS	100.00	
		MTG			
		1020SC	JOHN D. KLUGE		100.00
5/31/17	30197V	2020SC	Invoice: MAY 2017 LEGIS		100.00
		MTG			
		1020SC	JOHN D. KLUGE	100.00	
5/31/17	30198	2020SC	Invoice: 953926	103.42	
		2020SC	Invoice: 953924	20.44	
		2020SC	Invoice: 227638	68.62	
		2020SC	Invoice: 227805	9.85	
		2020SC	Invoice: 955061	88.38	
		2020SC	Invoice: 228528	203.75	
		2020SC	Invoice: 228735	57.95	
		2020SC	Invoice: 956559	64.34	
		2020SC	Invoice: 228926	2.13	
		1020SC	PACIFIC ACE HARDWARE		618.88
5/31/17	30198V	2020SC	Invoice: 953926		103.42
		2020SC	Invoice: 953924		20.44
		2020SC	Invoice: 227638		68.62
		2020SC	Invoice: 227805		9.85
		2020SC	Invoice: 955061		88.38
		2020SC	Invoice: 228528		203.75

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		2020SC	Invoice: 228735		57.95
		2020SC	Invoice: 956559		64.34
		2020SC	Invoice: 228926		2.13
		1020SC	PACIFIC ACE HARDWARE	618.88	
5/31/17	30199	2020SC	Invoice: 4/11/17-5/10/17	1,008.08	
		1020SC	PACIFIC GAS & ELECTRIC CO,		1,008.08
5/31/17	30199V	2020SC	Invoice: 4/11/17-5/10/17		1,008.08
		1020SC	PACIFIC GAS & ELECTRIC CO,	1,008.08	
5/31/17	30200	2020SC	Invoice: MAY 2017 LEGIS	100.00	
		1020SC	MTG ELIZABETH PATTERSON		100.00
5/31/17	30200V	2020SC	Invoice: MAY 2017 LEGIS		100.00
		1020SC	MTG ELIZABETH PATTERSON	100.00	
5/31/17	30201	2020SC	Invoice: 1607140	49.94	
		1020SC	RAY MORGAN COMPANY		49.94
5/31/17	30201V	2020SC	Invoice: 1607140		49.94
		1020SC	RAY MORGAN COMPANY	49.94	
5/31/17	30202	2020SC	Invoice: 005978	67.07	
		2020SC	Invoice: 001989	175.29	
		2020SC	Invoice: 006152	88.81	
		2020SC	Invoice: 002149	148.80	
		1020SC	SAM'S CLUB		479.97
5/31/17	30202V	2020SC	Invoice: 005978		67.07
		2020SC	Invoice: 001989		175.29
		2020SC	Invoice: 006152		88.81
		2020SC	Invoice: 002149		148.80
		1020SC	SAM'S CLUB	479.97	
5/31/17	30203	2020SC	Invoice: 54603604	978.72	
		2020SC	Invoice: 54604078	77.67	
		1020SC	SBS LEASING A PROGRAM DE LAGE		1,056.39
5/31/17	30203V	2020SC	Invoice: 54603604		978.72
		2020SC	Invoice: 54604078		77.67
		1020SC	SBS LEASING A PROGRAM DE LAGE	1,056.39	
5/31/17	30204	2020SC	Invoice: 987	2,210.00	
		1020SC	STUMPY TRUCKING, INC.		2,210.00
5/31/17	30204V	2020SC	Invoice: 987		2,210.00
		1020SC	STUMPY TRUCKING, INC.	2,210.00	
5/31/17	30205	2020SC	Invoice: APR 2017	7,183.14	
		1020SC	SUSTAINABLE SOLANO		7,183.14
5/31/17	30205V	2020SC	Invoice: APR 2017		7,183.14
		1020SC	SUSTAINABLE SOLANO	7,183.14	
5/31/17	30206	2020SC	Invoice: CHARLES BARTON	875.00	
		1020SC	CHARLES BARTON		875.00
5/31/17	30206V	2020SC	Invoice: CHARLES BARTON		875.00
		1020SC	CHARLES BARTON	875.00	
5/31/17	30207	2020SC	Invoice: JOAN CARTWRIGHT	590.00	
		1020SC	JOAN CARTWRIGHT		590.00
5/31/17	30207V	2020SC	Invoice: JOAN CARTWRIGHT		590.00
		1020SC	JOAN CARTWRIGHT	590.00	
5/31/17	30208	2020SC	Invoice: SU PHEN CORDUCK	937.00	
		1020SC	SU PHEN CORDUCK		937.00

SOLANO COUNTY WATER AGENCY

Cash Disbursements Journal

For the Period From Apr 1, 2017 to May 31, 2017

Filter Criteria includes: Report order is by Date. Report is printed in Detail Format.

Date	Check #	Account ID	Line Description	Debit Amount	Credit Amount
5/31/17	30208V	2020SC 1020SC	Invoice: SU PHEN CORDUCK SU PHEN CORDUCK	937.00	937.00
5/31/17	30209	2020SC 1020SC	Invoice: RHEA FABRICANTE RHEA FABRICANTE	1,000.00	1,000.00
5/31/17	30209V	2020SC 1020SC	Invoice: RHEA FABRICANTE RHEA FABRICANTE	1,000.00	1,000.00
5/31/17	30210	2020SC 1020SC	Invoice: DALE GERALDSON DALE GERALDSON	50.00	50.00
5/31/17	30210V	2020SC 1020SC	Invoice: DALE GERALDSON DALE GERALDSON	50.00	50.00
5/31/17	30211	2020SC 1020SC	Invoice: WARREN OGLOVE WARREN OGLOVE	546.00	546.00
5/31/17	30211V	2020SC 1020SC	Invoice: WARREN OGLOVE WARREN OGLOVE	546.00	546.00
5/31/17	30212	2020SC 1020SC	Invoice: TINA SWIFT TINA SWIFT	960.00	960.00
5/31/17	30212V	2020SC 1020SC	Invoice: TINA SWIFT TINA SWIFT	960.00	960.00
5/31/17	30213	2020SC 2020SC 1020SC	Invoice: INV355901 Invoice: INV355916 CPS TRAINING CENTER	2,100.00 1,700.00	3,800.00
5/31/17	30214	2020SC 1020SC	Invoice: MAY 2017 LEGIS MTG DALE CROSSLEY	100.00	100.00
5/31/17	30215	2020SC 1020SC	Invoice: 17-147-U DEPARTMENT OF WATER RESOURCES	12,020.00	12,020.00
5/31/17	30216	2020SC 1020SC	Invoice: 5-808-62595 FEDEX EXPRESS	451.49	451.49
5/31/17	30217	2020SC 1020SC	Invoice: MAY 2017 LEGIS MTG JOHN D. KLUGE	100.00	100.00
5/31/17	30218	2020SC 2020SC 2020SC 2020SC 2020SC 2020SC 2020SC 2020SC 2020SC 1020SC	Invoice: 953926 Invoice: 953924 Invoice: 227638 Invoice: 227805 Invoice: 955061 Invoice: 228528 Invoice: 228735 Invoice: 956559 Invoice: 228926 PACIFIC ACE HARDWARE	103.42 20.44 68.62 9.85 88.38 203.75 57.95 64.34 2.13	618.88
5/31/17	30219	2020SC 1020SC	Invoice: 4/11/17-5/10/17 PACIFIC GAS & ELECTRIC CO,	1,008.08	1,008.08
5/31/17	30220	2020SC 1020SC	Invoice: MAY 2017 LEGIS MTG ELIZABETH PATTERSON	100.00	100.00
5/31/17	30221	2020SC 1020SC	Invoice: 1607140 RAY MORGAN COMPANY	49.94	49.94
5/31/17	30222	2020SC 2020SC 2020SC 2020SC 1020SC	Invoice: 005978 Invoice: 001989 Invoice: 006152 Invoice: 002149 SAM'S CLUB	67.07 175.29 88.81 148.80	479.97
5/31/17	30223	2020SC 2020SC	Invoice: 54603604 Invoice: 54604078	978.72 77.67	

**SOLANO COUNTY WATER AGENCY
Cash Disbursements Journal**

For the Period From Apr 1, 2017 to May 31, 2017

Filter Criteria includes: Report order is by Date. Report is printed in Detail Format.

Date	Check #	Account ID	Line Description	Debit Amount	Credit Amount
		1020SC	SBS LEASING A PROGRAM DE LAGE		1,056.39
5/31/17	30224	2020SC 1020SC	Invoice: 987 STUMPY TRUCKING, INC.	2,210.00	2,210.00
5/31/17	30225	2020SC 1020SC	Invoice: APR 2017 SUSTAINABLE SOLANO	7,183.14	7,183.14
5/31/17	30226	2020SC 1020SC	Invoice: CHARLES BARTON CHARLES BARTON	875.00	875.00
5/31/17	30227	2020SC 1020SC	Invoice: JOAN CARTWRIGHT JOAN CARTWRIGHT	590.00	590.00
5/31/17	30228	2020SC 1020SC	Invoice: SU PHEN CORDUCK SU PHEN CORDUCK	937.00	937.00
5/31/17	30229	2020SC 1020SC	Invoice: RHEA FABRICANTE RHEA FABRICANTE	1,000.00	1,000.00
5/31/17	30230	2020SC 1020SC	Invoice: DALE GERALDSON DALE GERALDSON	50.00	50.00
5/31/17	30231	2020SC 1020SC	Invoice: WARREN OGLOVE WARREN OGLOVE	546.00	546.00
5/31/17	30232	2020SC 1020SC	Invoice: TINA SWIFT TINA SWIFT	960.00	960.00
5/31/17	30232V	2020SC 1020SC	Invoice: TINA SWIFT TINA SWIFT	960.00	960.00
5/31/17	30233	2020SC 2020SC 2020SC 1020SC	Invoice: 17-258-V-APR 2017 Invoice: 17-026-T-JUN 2017 Invoice: 17-024-O-JUN 2017 DEPARTMENT OF WATER RESOURCES	560,903.00 665.00	2,040.00 559,528.00
5/31/17	30234	2020SC 1020SC	Invoice: TINA SWIFT TINA SWIFT	960.00	960.00
5/31/17	30235	2020SC 1020SC	Invoice: 17-175-U DEPARTMENT OF WATER RESOURCES	2,075.43	2,075.43
Total				4,990,668.73	4,990,668.73

ACTION OF
SOLANO COUNTY WATER AGENCY

DATE: June 8, 2017

SUBJECT: Putah South Canal Suction Dredge Cleaning Pilot Project – Reject All Bids

RECOMMENDATION:

Reject all bids for the proposed Putah South Canal Suction Dredge Cleaning Pilot Project.

FINANCIAL IMPACT:

None.

BACKGROUND:

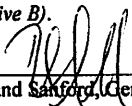
The Putah South Canal (PSC) is a 33-mile long concrete canal that begins at Lake Solano and ends in Green Valley (western Fairfield). The canal delivers water to the Solano Irrigation District, Maine Prairie Water District and the cities of Vacaville, Fairfield, Suisun City, Vallejo, and Benicia. Every year the canal is cleaned or partially cleaned in late fall to remove sediment, vegetation, and other debris that can restrict water deliveries. A fleet of heavy equipment including a long reach, bobcats, and a crane are used to mechanically clean the canal. The annual canal cleanout is a two to three month process that requires periodic outages, can lead to significant water quality concerns, and is a significant operational challenge for both the Solano Project Operations staff and to the various water customers.

The Agency has invested considerable time and resources researching alternative methods for cleaning the PSC. One of the more promising approaches is suction dredging, which was the purpose of this pilot project. The goal of the project was to confirm if suction dredging could be successfully used on the PSC to remove debris while minimizing customer outages and water quality concerns.

As part of the bid requirement, a mandatory Job Showing was done with a total of 11 Contractors participating. At the bid opening, only one bid was received from Waterworks Industries, Inc., for \$650,000. A total of \$340,000 was budgeted for this Project. In following up with several of the Contractors, many felt there were too many unknowns with the proposed Project. Staff recommends that the Board reject all bids as the cost significantly exceeds the amount budgeted. Moving forward, the Agency will need to rethink both the Project scope and approach.

RELEVANCE TO 2016-2025 SCWA STRATEGIC PLAN

The Putah South Canal Suction Dredge Cleaning Pilot Project is consistent with Goal #2 (*Water Management Infrastructure; Objective B*).

Recommended: 
Roland Sanford, General Manager

☐

Approved as
recommended

☐

Other
(see below)

☐

Continued on
Next Page

Modification to Recommendation and/or other actions:

I, Roland Sanford, General Manager and Secretary to the Solano County Water Agency, do hereby certify that the foregoing action was regularly introduced, passed, and adopted by said Board of Directors at a regular meeting thereof held on June 8, 2017 by the following vote.

Ayes:

Noes:

Abstain:

Absent:

Roland Sanford
General Manager & Secretary to the
Solano County Water Agency

**ACTION OF
SOLANO COUNTY WATER AGENCY**

DATE: June 8, 2017

SUBJECT: PRE-APPROVAL OF FISCAL YEAR 2017-2018 PAYMENTS

RECOMMENDATIONS:

Authorize payments of the following bills for Fiscal Year 2017-2018 within budget amounts:

1. Payroll.
2. Water payments to the State of California for the State Water Project.
3. Payments to Napa County pursuant to the Napa Make Whole Agreement.
4. Payments to the Solano Irrigation District for operations and maintenance of the Solano Project.
5. Payments to the Solano County Resource Management Department for labor and equipment charges of Ulatis and Green Valley Flood Control projects.
6. Payments to consultants and contractors with Board approved contracts.
7. Payments to legal counsel.
8. Payments to CalPERS for health plan payments, retirement plan payments, and CERBT trust contributions.
9. Payments to Ray Morgan and Everbank Commercial Finance for Canon Copy Machine.

FINANCIAL IMPACT:

None.

BACKGROUND:

Each year we request the Board to authorize payments for items that are based on regular payments schedules and contractual obligations. Payment of these items will not require additional approval by the Board or purchase orders prior to payment. Payments made under this category will be reported to the Board of Directors in arrears.

Recommended: _____

Roland Sanford, General Manager

☐

Approved as
recommended

☐

Other
(see below)

☒

Continued on
next page

Modification to Recommendation and/or other actions:

I, Roland Sanford, General Manager and Secretary to the Solano County Water Agency, do hereby certify that the foregoing action was regularly introduced, passed, and adopted by said Board of Directors at a regular meeting thereof held on June 8, 2017 by the following vote:

Ayes:

Noes:

Abstain:

Absent:

Roland Sanford
General Manager & Secretary to the
Solano County Water Agency

10. Payments to Solano County Fleet Operations for repair and maintenance of Agency vehicles and equipment.
11. Ulatis & Green Valley Flood Control Projects costs for purchase, hauling & placement of rock rip rap.
12. Ulatis, Green Valley, and Solano Project culvert and pipe purchases.
13. Payments to ACWA-Joint Powers Insurance Authority for workers compensation, liability and property insurance.
14. Lower Putah Creek Coordinating Committee Pre-Approved Expenditures.
15. Agency credit card (currently through Bank of the West) payment when individual charges are all \$500 or under (or pre-approved).
16. Payments for expenses associated with Board approved Grants.
17. Payments to ACWA Services Corp (ASC) for dental premiums.
18. Payments to CalPERS Long Term Care for long term care insurance premiums.
19. Payments for regulatory permits and permit fees for SCWA and LPCCC Projects.
20. Payments for the Turf Replacement Rebate Program.
21. Payments for vehicle and equipment repair expenses.
22. Payments to Verizon Wireless for cellular phone service.
23. Payments to CALNET3 for office telephone and data services
24. Herbicide and Pesticide purchases for Flood Control projects.
25. Payments to laboratories for water quality analysis.
26. Payments to Solano Irrigation District for Building & Piper expenses, PSC & USBR Operations and maintenance expenses, and AG Water Conservation Expenses.
27. Payments to Standard Insurance Company for Short/Long Term Disability.
28. Payments to Staples, Inc. credit card for office supplies when individual charges are \$500 or under (or pre-approved).
29. Payments to Interstate Oil and Chevron credit cards for fuel when individual charges are \$500 or under (or pre-approved).
30. Payments to vendor supply credit accounts for supplies when individual charges are \$500 or under (or pre-approved).
31. Payments to FedEx for shipping when individual charges are \$500 or under (or pre-approved).
32. Payments to Pitney Bowes for postage.
33. Association dues to organizations identified in budget documents.
34. Payments for software purchases identified in budget documents.
35. Payments to government agencies for taxes owed (new to list).
36. Payments for M-Files license renewal and additions (new to list).
37. Equipment rental for maintenance of Ulatis and Green Valley Flood Control Projects (new to list).

**ACTION OF
SOLANO COUNTY WATER AGENCY**

DATE: June 8, 2017

SUBJECT: SCWA STATEMENT OF INVESTMENT POLICY FOR FISCAL YEAR 2017-2018

RECOMMENDATION:

Approve the following Statement of Investment Policy:

"Funds of the Solano County Water Agency shall only be invested in the State of California's Local Agency Investment Fund (LAIF), the Solano County Investment Pool, California Asset Management Program (CAMP) or Federal Deposit Insurance Corporation (FDIC) insured accounts in a bank or savings and loan association."

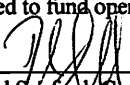
FINANCIAL IMPACT:

None

BACKGROUND:

State Law effective January 1, 1996 requires public agencies to annually approve a Statement of Investment Policy at a public meeting. Any changes to the policy must also be considered at a public meeting.

The recommended investment policy simply reflects the current investment policy of the Water Agency whereby all Water Agency funds are invested in the Local Agency Investment Fund (LAIF), the California Asset Management Program (CAMP) and FDIC insured accounts in a bank. Operating funds are held in FDIC insured accounts with Bank of the West. Property tax revenue is wire transferred directly from the County Treasury into the CAMP accounts. Funds are then transferred from the LAIF or CAMP to the Bank of the West bank accounts as needed to fund operating expenses.

Recommended: 
Roland Sanford, General Manager

☐ Approved as
recommended

☐ Other
(see below)

☐ Continued on
next page

Modification to Recommendation and/or other actions:

I, Roland Sanford, General Manager and Secretary to the Solano County Water Agency, do hereby certify that the foregoing action was regularly introduced, passed, and adopted by said Board of Directors at a regular meeting thereof held on June 8, 2017 by the following vote.

Ayes:

Noes:

Abstain:

Absent:

Roland Sanford
General Manager & Secretary to the
Solano County Water Agency

**ACTION OF
SOLANO COUNTY WATER AGENCY**

DATE: June 8, 2017

SUBJECT: SET PROPOSITION 4 APPROPRIATIONS LIMIT

RECOMMENDATION:

Approve Resolution Number 2017-01 of the Solano County Water Agency establishing the fiscal year 2017-2018 state appropriations limit.

FINANCIAL IMPACT:

None

BACKGROUND:

California's state appropriation limit, originally established by Proposition 4 in 1979, places an "upper bound" each year on the amount of monies that can be spent from state tax proceeds. The original Proposition's intent was to limit the growth of government spending and applies to all local governments including special districts. The state appropriation limit is based on actual appropriations during the base year (1986-87) and increases each year using specified growth factors and calculations provided annually by the California Department of Finance (DOF). See attached memo from Ms. Jeanne Zolezzi dated November 21, 2016 for additional information.

The state appropriation limit for the Solano County Water Agency for fiscal year 2017-2018 is \$15,508,554.

Recommended: _____

Roland Sanford, General Manager

☐

Approved as
recommended

☐

Other
(see below)

☐

Continued on
next page

Modification to Recommendation and/or other actions:

I, Roland Sanford, General Manager and Secretary to the Solano County Water Agency, do hereby certify that the foregoing action was regularly introduced, passed, and adopted by said Board of Directors at a regular meeting thereof held on June 8, 2016 by the following vote.

Ayes:

Noes:

Abstain:

Absent:

Roland Sanford
General Manager & Secretary to the
Solano County Water Agency

RESOLUTION NUMBER 2017-01

**RESOLUTION OF THE SOLANO COUNTY WATER AGENCY
ESTABLISHING FISCAL YEAR 2017-2018 APPROPRIATION LIMIT**

WHERE AS Article XIII-B of the California Constitution requires that each year the governing body of each local jurisdiction shall, by resolution, establish its appropriations limit for the following fiscal year at a regularly scheduled or noticed special meeting; and

WHERE AS the appropriations limit for the Solano County Water Agency for fiscal year 2017-2018 of \$15,508,554 has been calculated based on adjustment factors using rates of change in California Per Capita Income and Solano County Population Growth.

THEREFORE, BE IT RESOLVED that the Board of Directors of the Solano County Water Agency establishes an appropriations limit of \$15,508,554 for the Solano County Water Agency in fiscal year 2017-2018.

I, ROLAND SANFORD, General Manager and Secretary to the Board of Directors of the Solano County Water Agency, do hereby certify that the foregoing resolution was regularly introduced, passed and adopted by said Board of Directors, at a regular meeting thereof held on the 8th day of June 2017, by the following vote:

Ayes:

Noes:

Abstain:

Absent:

Roland Sanford
General Manager & Secretary to the
Solano County Water Agency

Date: November 21, 2016
To: ROLAND SANFORD
From: Jeanne M. Zolezzi
Subject: Solano County Water Agency/General
File: 1079-006

IN BRIEF: WHAT IS THE APPROPRIATIONS LIMIT?

Proposition 4 approved by the voters in November 1979 added California Constitution, Article XIII B. Article XIII B limits the level of most appropriations from tax sources that most local government entities are permitted to make in any given year.

EXEMPTIONS

Solano County Water Agency may be exempt from the limit. While Article XIII B applies to most local special districts, one exemption to the law is provided for special districts in existence on January 1, 1987 that did not levy a property tax rate in excess of 12.5% in FY 1977-78.

WHICH REVENUES ARE SUBJECT TO LIMIT

Article XIII B places a limit on appropriations from most, but not all, government revenue sources. The limit applies to appropriations from proceeds of taxes from both the general fund and special funds of government entities. Proceeds of taxes include tax revenues, interest earnings on invested tax revenues, and any revenues collected by a regulatory license fee or user charge in excess of the amount needed to cover the cost of providing the regulation, product, or service.

The Appropriations Limit applies only to those revenues defined as "proceeds of taxes." Certain expenditures of tax proceeds do not count as appropriations subject to the limit, including those for voter approved debt, qualified capital outlay, and the costs of complying with court orders and federal mandates. If the State provides funds to a local government for general purposes, the funds are to be counted as "state subventions" and included in the appropriations of the local agency. However, if the Legislature restricts the funds to specific purposes, then the funds are counted as part of the State — rather than local — appropriations.

During any fiscal year, a government entity may not appropriate any proceeds of taxes received in excess of its appropriations limit. If a local government receives excess funds in any one year, it may "carry those excess funds into the subsequent year" for use. Any excess funds remaining after the

second year must be returned to taxpayers by reducing tax rates or fees. As an alternative, a majority of the voters may approve an "override" to increase the Appropriations Limit. The law allows such an override to last for a maximum of four years.

Proceeds of taxes include:

- All taxes levied by or for a public agency
- Any revenue from regulatory licenses, user charges, and user fees to the extent that the proceeds exceed the cost of providing the regulation, product, or service
- State subventions for general purposes
- Any interest earned from the investment of the proceeds of taxes

Proceeds of taxes do not include:

- **Appropriations from non-tax revenues are excluded from the limit.** Examples of non-tax proceeds include lottery proceeds, tidelands oil revenues, federal funds, proceeds from the sale of government property, revenues from regulatory license fees or user charges equal to the amount needed to cover the cost of providing the function, gifts, and borrowed funds
- **User Fees.** Revenue received from regulatory licenses, user charges, and user fees are not considered as proceeds of taxes unless the proceeds exceed the costs reasonably borne in providing the regulation, service, or product.
- Assessments on real property or persons for special benefit conferred.

The following are excluded from the appropriations limit:

- Payments for interest and redemption charges on pre-existing (i.e., pre-Proposition 4) or voter-approved bonded indebtedness.
- Capital outlay from the appropriations limit. (Reflecting the fact that while capital outlay appropriations are made during a single budget year, they reflect long-term investments that are utilized over a number of years).
- Appropriations directly related to an emergency, such as a fire, earthquake, or other natural disaster.

Please see attached. It sounds like Solano County Water Agency's income subject to appropriation is likely much less than its appropriations limit of \$14,777,254. Please let me know if you have questions.

**ACTION OF
SOLANO COUNTY WATER AGENCY**

DATE: June 8, 2017

SUBJECT: Adoption of Revised Conflict of Interest Code

RECOMMENDATION:

Adopt revised Conflict of Interest Code for the Solano County Water Agency.

FINANCIAL IMPACT:

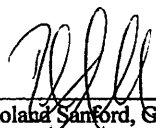
None.

BACKGROUND:

The Political Reform Act requires that each organization that has an adopted Conflict of Interest Code must review and update that Code every two years. The only change to the Water Agency's previous Conflict of Interest Code is to delete the designated position of Supervising Environmental Scientist from Water Agency's Conflict of Interest Code and add the following two positions to the Agency's Code:

Supervising Water Resources Engineer
Principal Water Resources Engineer

These additions are considered a non-substantive change.

Recommended: 
Roland Sanford, General Manager

<input type="checkbox"/> Approved as recommended	<input type="checkbox"/> Other (see below)	<input type="checkbox"/> Continued on next page
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Modification to Recommendation and/or other actions:

I, Roland Sanford, General Manager and Secretary to the Solano County Water Agency, do hereby certify that the foregoing action was regularly introduced, passed, and adopted by said Board of Directors at a regular meeting thereof held on June 8, 2017 by the following vote.

Ayes:

Noes:

Abstain:

Absent:

Roland Sanford
General Manager & Secretary to the
Solano County Water Agency

NOTICE OF INTENTION TO AMEND THE CONFLICT OF INTEREST CODE
OF THE SOLANO COUNTY WATER AGENCY

NOTICE IS HEREBY GIVEN that the **Solano County Water Agency**, pursuant to the authority vested in it by section 87306 of the Government Code, proposes amendment to its conflict of interest code. A comment period has been established commencing on March 28, 2017 and closing on May 12, 2017. All inquiries should be directed to the contact listed below.

The **Solano County Water Agency** proposes to amend its conflict of interest code to include employee positions that involve the making or participation in the making of decisions that may foreseeably have a material effect on any financial interest, as set forth in subdivision (a) of section 87302 of the Government Code. The amendment carries out the purposes of the law and no other alternative would do so and be less burdensome to affected persons.

Changes to the conflict of interest code include: **adding the positions Principle Water Resources Engineer and Supervising Water Resources Engineer; removing Supervising Environmental Scientist**, and also makes other technical changes.

The proposed amendment and explanation of the reasons can be obtained from the agency's contact.

Any interested person may submit written comments relating to the proposed amendment by submitting them no later than **May 12, 2017**, or at the conclusion of the public hearing, if requested, whichever comes later. At this time, no public hearing is scheduled. A person may request a hearing no later than **April 27, 2017**.

The **Solano County Water Agency** has determined that the proposed amendments:

1. Impose no mandate on local agencies or school districts.
2. Impose no costs or savings on any state agency.
3. Impose no costs on any local agency or school district that are required to be reimbursed under Part 7 (commencing with Section 17500) of Division 4 of Title 2 of the Government Code.
4. Will not result in any nondiscretionary costs or savings to local agencies.
5. Will not result in any costs or savings in federal funding to the state.
6. Will not have any potential cost impact on private persons, businesses or small businesses.

All inquiries concerning this proposed amendment and any communication required by this notice should be directed to: Sandra Willingmyre, Accountant, (707) 455-1101, sandra@scwa2.com.

**CONFLICT OF INTEREST CODE FOR THE
SOLANO COUNTY WATER AGENCY**

The Political Reform Act, Government Code Section 81000, et seq., requires state and local government agencies to adopt and promulgate conflict of interest codes. The Fair Political Practices Commission has adopted a regulation, 2 California Code of Regulations, Section 18730, which contains the terms of a standard conflict of interest code. It can be incorporated by reference and may be amended by the Fair Political Practices Commission after public notice and hearings, to conform to amendments in the Political Reform Act. Therefore, the terms of 2 California Code of Regulations, Section 18730 and any amendments to it duly adopted by the Fair Political Practices Commission are hereby incorporated by reference and along with the attached Exhibit in which members and employees are designated and disclosure categories are set forth, constitute the conflict of interest code of the **Solano County Water Agency (Agency)**.

Designated employees shall file statements of economic interests with the **Agency** who will make the statements available for public inspection and reproduction. (Government Code Section 81008). All Statements will be retained by the **Agency**.

SOLANO COUNTY WATER AGENCY

APPENDIX A

<u>Designated Positions</u>	<u>Disclosure Categories</u>
General Manager	1, 2, 3, 4, 5
Principal Water Resources Engineer	1, 2, 3, 4, 5
Supervising Water Resources Engineer	1, 2, 3, 4, 5
Administrative Service Manager	1, 2, 3, 4, 5
Principal Water Resources Specialist	1, 2, 3, 4, 5
Supervising Water Resources Specialist	1, 2, 3, 4, 5
Streamkeeper	1, 2, 3, 4, 5
Consultant/New Position*	1, 2, 3, 4, 5

*Consultants/New Positions shall be included in the list of designated positions and shall disclose pursuant to the broadest disclosure category in the code subject to the following limitation:

The General Manager may determine in writing that a particular consultant or new position, although a "designated position," is hired to perform a range of duties that is limited in scope and thus is not required to fully comply with the disclosure requirements in this section. Such written determination shall include a description of the consultant's or new position's duties and, based upon that description, a statement of the extent of disclosure requirements. The General Manager's determination is a public record and shall be retained for public inspection in the same manner and location as this conflict of interest code.

Officials Who Manage Public Investments:

It has been determined that the positions listed below manage public investments and will file a statement of economic interest pursuant to Government Code Section 87200.

Members of the Board of Directors and Alternates

An individual holding one of the above listed positions may contact the Fair Political Practices Commission for assistance or written advice regarding their filing obligations if they believe that their positions has been categorized incorrectly. The Fair Political Practices Commission makes the final determination whether a position is covered by section 87200.

APPENDIX B
Disclosure Categories

Category 1: Investments and business positions in any business entity and sources of income (including gifts, loans, and travel payments), of the type that provide services, supplies, flood control, water monitoring, machinery, and field and office equipment to the Agency. Such sources also include contractors that provide environmental, engineering, water supply and flood studies, as well as water conservation and education programs.

Category 2: Investments and business positions in any business entity and sources of income (including gifts, loans, and travel payments) from entities that are private water companies or are entities or persons of the type to engage in farming or real estate development and related services and sources of income from non-profit associations engaged in water and riparian issues.

Category 3: Interest in real property located within the jurisdiction or within two miles of the boundaries of the jurisdiction or within two miles of any land owned or used by the Agency.

Category 4: Investments and business positions in business entities, and sources of income (including gifts, loans, and travel payments), of the type subject to the regulations or supervision of the Agency, including the issuance or granting of franchises, building permits, or other use or business or water allocation permits, or any other land use control or regulation.

Category 5: Investments and business positions in business entities, and sources of income (including gifts, loans, and travel payments) that have filed a claim, or have a claim pending, against the Agency during the previous two years.

This is the last page of the conflict of interest code for **Solano County Water Agency**.



CERTIFICATION OF FPPC APPROVAL

Pursuant to Government Code Section 87303, the conflict of interest code for **Solano County Water Agency** was approved on 5/22/ 2017. This code will become effective on 6/21/ 2017.

A handwritten signature in black ink, appearing to be "B. Lau", written over a horizontal line.

Brian G. Lau

Senior Commission Counsel

Fair Political Practices Commission

SOLANO COUNTY WATER AGENCY



MEMORANDUM

TO: Board of Directors

FROM: Roland Sanford, General Manager

DATE: June 2, 2017

SUBJECT: June 2017 General Manager's Report

Lake Berryessa Runoff

As of this writing the 2017 water year is now the 3rd wettest year on record (since 1905) for the Lake Berryessa drainage and before the water year is over (end of September) will become the 2nd wettest year on record:

<u>Rank</u>	<u>Water Year</u>	<u>Runoff in Acre-Feet</u>
1	1983	1,145,300
2	1995	1,006,655
3	2017	1,004,647 (through May 31)

The now wildly popular glory hole spillway, which began spilling on February 17, stopped spilling on May 12. During the roughly two-month-long period a total of 256,004 acre-feet spilled from Lake Berryessa. For the sake of comparison, in an average year, total runoff into Lake Berryessa is approximately 375,000 acre-feet.

Flood Management

Aligning Board member schedules has proven to be challenging, as of this writing no date has been confirmed for the forthcoming Flood Management Board workshop. The overarching goal of the workshop is to define the Water Agency's future role in flood management. I had hoped to schedule the workshop in advance of FY 2017-2018 budget preparation and adoption. That not being the case, staff has included additional funds in the proposed FY 2017-2018 budget – approximately \$1,000,000 over last fiscal year - for flood management activities, in addition to the monies budgeted for the Ulatis and Green Valley flood control projects, with the expectation that total FY 2017-2018 flood management expenditures could be revised, pending the forthcoming Flood Management Board workshop.



Returning to the scheduling conundrum - given the difficulty experienced so far and the need to keep moving forward, I am recommending the SCWA Water Policy Committee take on what I see as key flood management policy decisions;

- 1) The extent to which the Water Agency should be involved in emergency flood response activities (responding to emergency debris removal, etc.) as opposed to flood management planning
- 2) The extent and terms by which the Water Agency will provide channel maintenance services on private property
- 3) The distribution of Water Agency flood management funds among entities and geographic areas within the County
- 4) The role of the Water Agency in the planning, design and construction of new flood control facilities, or extension of existing facilities (Ulati Flood Control Project, Green Valley Flood Control Project) to accommodate future development

with the expectation the committee will make recommendations for Board consideration at either the August SCWA Board of Directors meeting, or the as of yet to be scheduled Flood Management Board workshop. As illustrated by the information in the attached updated flood needs summary table, the flood management needs of the County are substantial and in aggregate exceed the fiscal capacity of the Water Agency. Consequently, it will be necessary to prioritize projects and the types of flood management activities the Water Agency can reasonably assume.

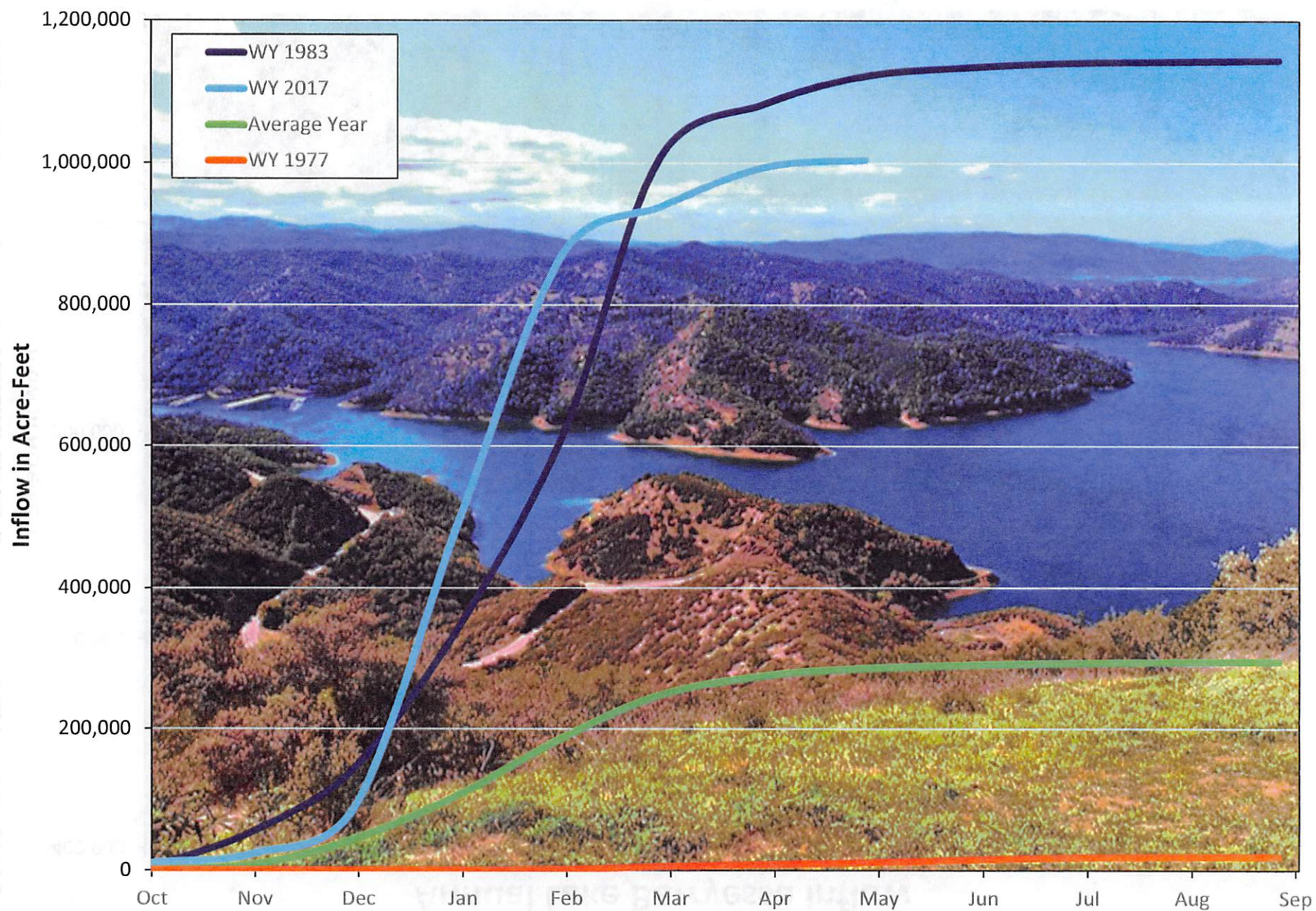
Putah South Canal Siphon Inspection

In early May video inspections of the Green Valley, Mangels and Rockville Putah South Canal siphons were performed - not without trepidation. The Green Valley siphon, the longest of the three buried siphons, is over one mile long and had never been extensively inspected. Among the concerns was the possibility of getting the mobile video camera stuck on debris within the siphon. Happily and much to staff's surprise, the Green Valley and Rockville siphons and to a lesser extent the Mangels siphon were found to be remarkably clear of debris and in reasonably good shape – no obvious cracks or root wad intrusions. A complete inspection report is being prepared and will be available shortly.

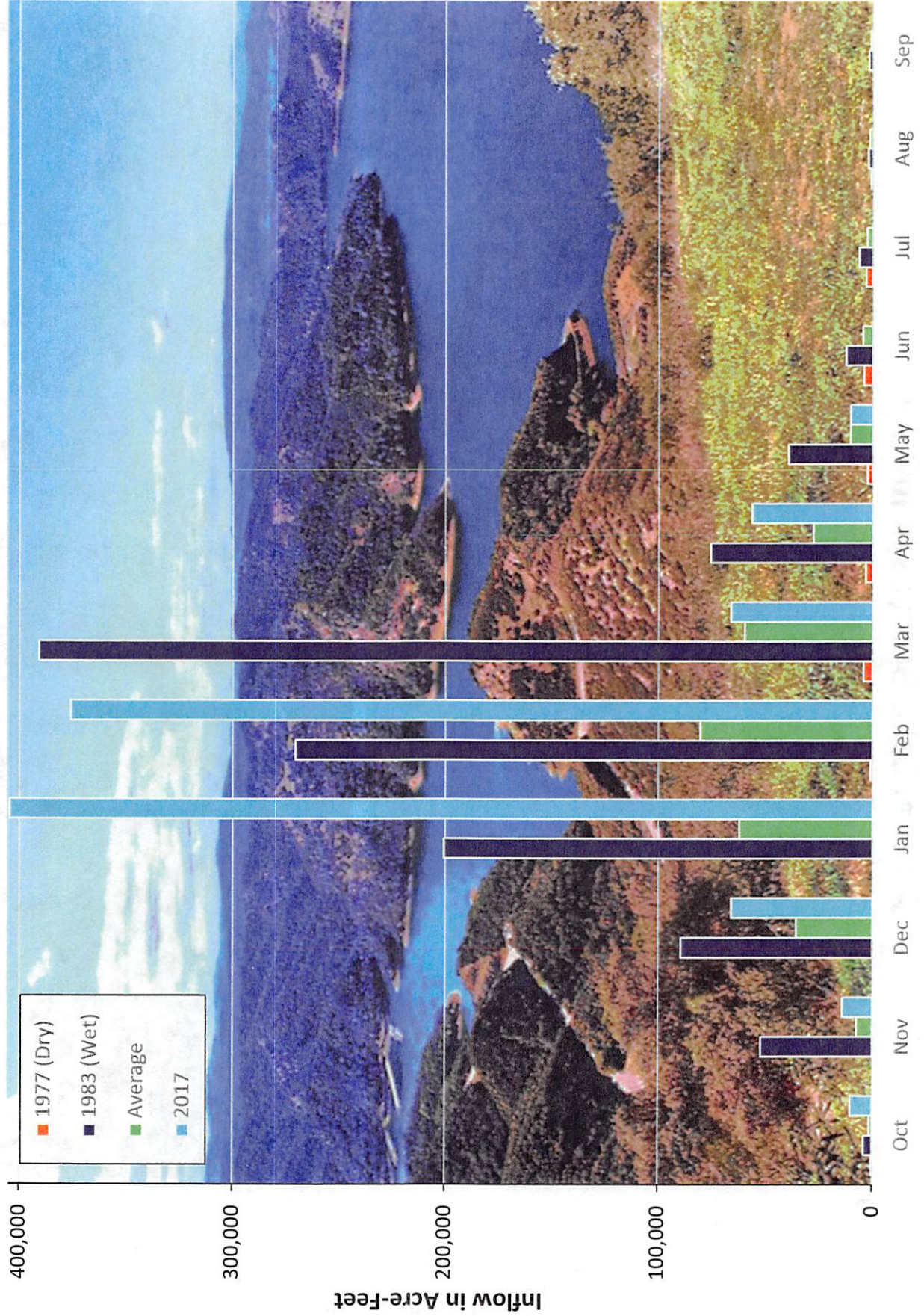
July Board meeting

In past years the July Board meeting has typically been cancelled – the Solano County Board of Supervisors is on recess in July and as a result, it can be difficult to obtain a quorum for a July SCWA Board meeting. Staff is not aware of any urgent matters, other than the purchase of a mobile wash station for decontaminating watercraft – quagga and zebra mussels – at Lake Berryessa (see Item 12 of this month's Board agenda), and is therefore suggesting the July SCWA Board meeting be cancelled.

Annual Lake Berryessa Inflow



Annual Lake Berryessa inflow



Flood Management Needs Summary

Benicia	Funding and technical assistance for development of Stormwater Management and Flood Mitigation Plan, Emergency Action Plan; assistance with regulatory permitting; miscellaneous drainage and channel clearing projects; addition of raingage and streamflow gauging station to SCWA real-time internet accessible monitoring network
Fairfield	Periodic flooding of County Center and courts, I-80 at and near Ledgewood/Suisun Creeks; Siltation of Hennessy and American Canyon Creeks, upstream of Fairfield, causing flooding in and near city limits
Dixon	
Rio Vista	Feasibility study, and ultimately, construction of flood retention wall(s) to alleviate flood potential associated with Yolo Bypass and Sacramento River
Suisun City	
Vacaville	Financial assistance(\$ 5,000,000) with Alamo Creek flood retention basin
Vallejo	Various capital projects totaling \$10,846,000, including \$ 2,225,000 for projects pertaining to Mare Island
Dixon RCD	Revive Dixon Watershed Implementation Program (or successor to program) to address drainage capability commitments
Maine Prairie	Continued maintenance of Ulatis Flood Control Project Channels
RD 2068	Various Levee and drainage improvements, possibility of combining some drainage improvements with water supply (water reuse projects). Capital costs in excess of \$10,000,000
Solano ID	

(data as of 6-1-17)

**REPORT OF CONSTRUCTION CHANGE ORDERS AND
CONTRACTS APPROVED BY GENERAL MANAGER UNDER
DELEGATED AUTHORITY**

Construction Contract Change Orders (15% of original project costs or \$50,000, whichever is less) - none

Construction Contracts (\$30,000 and less) - none

Professional Service Agreements (\$30,000 and less)

none

Non-Professional Service Agreements (\$30,000 and less) - none

Construction contracts resulting from informal bids authorized by SCWA Ordinance- none

Note: Cumulative change orders or amendments resulting in exceeding the dollar limit need Board approval.

**ACTION OF
SOLANO COUNTY WATER AGENCY**

DATE: June 8, 2017

SUBJECT: Final Program Environmental Impact Report for the Lower Putah Creek Restoration Project- Upper Reach Program

RECOMMENDATION:

1. Receive presentation on Program Environmental Impact Report for the Lower Putah Creek Restoration Project- Upper Reach Program.
2. Authorize Chairman to adopt Resolution 2017-02 Certifying Final Program Environmental Impact Report for the Lower Putah Creek Restoration Project- Upper Reach Program.


FINANCIAL IMPACT:

None.

BACKGROUND:

The Water Agency is the Lead Agency and has prepared a Programmatic Environmental Impact Report (PEIR) to comprehensively address near-term and long-term activities planned for the Putah Creek Restoration Project- Upper Reach. The PEIR was made possible through a grant from the California Department of Fish and Wildlife Ecosystem Restoration Program (ERP Grant No E1183015). The Yolo Basin Foundation was the grant lead and worked very closely with the Water Agency on this PEIR.

A programmatic EIR is an EIR that reviews the environmental impacts "of a series of actions that can be characterized as one large project" and that are related geographically, as logical parts in a chain of proposed

Recommended: 
Roland Sanford, General Manager

☐ Approved as recommended ☐ Other (see below) ☒ Continued on next page

Modification to Recommendation and/or other actions:

I, Roland Sanford, General Manager and Secretary to the Solano County Water Agency, do hereby certify that the foregoing action was regularly introduced, passed, and adopted by said Board of Directors at a regular meeting thereof held on June 8, 2017 by the following vote.

Ayes:

Noes:

Abstain:

Absent:

Roland Sanford
General Manager & Secretary to the
Solano County Water Agency

actions, in connection with general criteria to govern the conduct of a continuing program, and/or “as individual activities carried out under the same authorizing statutory or regulatory authority and having generally similar environmental effects which can be mitigated in similar ways” (CEQA Guidelines, section 15168, subd. (a)). A program EIR offers several advantages, including providing for a more exhaustive consideration of effects and alternatives, avoiding duplicative consideration of policy issues, reducing paperwork, and allowing the lead agency to consider program-wide mitigation measures (CEQA Guidelines, section 15168, subd. (b)).

The PEIR applies to restoration efforts proposed for the Upper Reach of the Putah Creek Restoration Project, planned by the Water Agency and the Lower Putah Creek Coordinating Committee. The Upper Reach Project Area includes the area just downstream of the Putah Diversion Dam (one mile west of Winters) to the Western edge of the Yolo Basin Wildlife Area (near Yolo County Road 106A).

The Project purpose is to restore and rehabilitate the creek channel, banks, and associated habitats to more natural, self-sustaining form and function, consistent with the current (post-Monticello Dam) hydrologic regime. The proposed program of projects and activities (collectively, the “Project”) would be implemented to stop further degradation of the creek corridor and to “jump-start” natural geomorphic and ecological processes in site-specific locations.

Key Program Activities of the PEIR include:

- Channel reconfiguration
 - Create low-flow channel and floodplain
 - Create side channels
 - Reposition thalweg
 - Construct riffles
 - Increase channel sinuosity
 - Construct rock-cross-vane grade/flow control structures
 - Stabilize channel banks
 - Construct rock revetments
 - Construct log revetments
 - Install root wads
 - Install large woody debris
 - Improve fish spawning gravels
 - Gravel augmentation
 - Loosen embedded gravels by scarification
 - Fill abandoned gravel pits
- Vegetation management
 - Remove invasive plants
 - Plant native vegetation
- Maintenance
 - Irrigate native vegetation
 - Manage non-native vegetation
 - Maintain long-term access points

A Public Scoping Meeting occurred for the Proposed Project on February 12, 2015, at the Winters Community Center. The scoping comment period for the PEIR ended on March 15, 2015. Many of the suggested comments were included in the Draft PEIR.

The Draft PEIR for the Lower Putah Creek Restoration Project, Upper Reach Program Project was prepared and distributed by the Water Agency on June 1, 2016. Under CEQA guidelines, after completion of the Draft PEIR, lead agencies are required to consult with and obtain comments from public agencies having jurisdiction by law over elements of the project, and to provide the general public and interested parties opportunities to comment on the Draft EIR. The lead agency also is required to respond to substantive comments on environmental issues raised in this review and consultation process. The Water Agency, as lead agency on this project, held a 45-day review period for the Draft EIR from June 1 to July 22, 2016. Letters received through July 22 are included in the Comments and Responses addendum. A public hearing on the Draft PEIR was held on June 28, 2016, also in Winters.

Comments received at that hearing are summarized in the Comments and Responses addendum, but were not directly responded to; commenters at the hearing were directed to submit comments in writing for formal response. The Comments and Responses addendum to the Final PEIR has been prepared to respond to

comments on the Draft PEIR received from the public and concerned agencies during the formal public review period. Comments received outside the timeline for the PEIR were also included in the addendum.

The Comments and Responses addendum were made publically available (and mailed to the Public Agencies that commented on the PEIR) for viewing 10 days prior to the Public Hearing on June 8th, 2017 (CEQA Guidelines, section 15088 (b)).

The Comments and Responses addendum, along with the Draft PEIR, constitute the Final PEIR for the Lower Putah Creek Restoration Project Upper Reach Program.

Public Comments

Five State Agencies, the State of California, Governor's office of Planning and Research, State Clearinghouse and Planning Unit, Central Valley Flood Protection Board, Central Valley Regional Water Quality Control Board, Delta Stewardship Council, California Department of Transportation, two organizations, California Native Plant Society, Sacramento Valley Chapter and the Winter Fiends of Putah Creek, as well as eleven individuals submitted comments on the Draft PEIR.

A significant portion (approximately 38%) of the comments were directed at a previous project, the Winters Putah Creek Park Restoration Project, Phase I. Responses to those comments were included in the Comments and Responses addendum.

Many comments were similar in nature and grouped into the following topics: Explanation of imported fill; Effects to groundwater; Explanation of soil compaction; Requests to include revisions to baseline habitat information and projected outcomes; Requests for revised background section and documentation of degraded conditions; Requests for revised monitoring and adaptive management section; Explanation of Accord funding and revegetation success; Clarification on vegetation impacts, revised annual scope of activities; Explanation of groundwater interactions; Revised project description and explanation about individual project impact analysis; Explanation of decline of native fishes; Explanation of cumulative impacts and other restoration projects; Explanation on water temperatures on fish; Request for revised project description and explanation of the nursery.

A good-faith effort was made to respond to all submitted comments, compiled in the aforementioned Comments and Responses addendum with the purpose of full disclosure in the PEIR (CEQA Guidelines, sections 15088, 15204). The collective comments did not raise any significant environmental issues in the PEIR and provided no evidence of potentially significant impacts.

Potentially Significant Impacts

Under each resource topic, any potentially significant adverse impacts identified are analyzed in detail in the PEIR. While several potential significant impacts from the Project were identified, mitigation measures specific to the project were identified and will be implemented to reduce any and all potential impacts to a less than significant level.

Growth Inducement

The Project would not induce growth. Although it would work in concert with the proposed Yolo Bypass Wildlife Area (YBWA) restoration downstream, the proposed Project would not induce the implementation of that project, which is being carried out independently by the California Department of Fish and Wildlife (CDFW) (funded under the same grant as this Project). Neither the proposed Project nor the YBWA project is expected to induce demand for new residences or businesses in the adjacent areas, although the restored stream would provide a more aesthetically pleasing environment that could slightly increase desirability of adjacent parcels; therefore, this impact would be less than significant.

Cumulative Impacts

A cumulative impact refers to two or more individual effects which, when considered together, are considerable or which compound or increase other environmental impacts. The individual effects may be changes resulting from a single project or a number of separate projects. The cumulative impact from several projects is the change in the environment, which results from incremental impacts of the project when added to other closely related past, present, and reasonably foreseeable future projects. Cumulative impacts can result from individually minor but collectively significant projects taking place over a period.

Each resource topic analyzed in the PEIR includes an analysis of the cumulative impacts and identifies mitigation measures. The cumulative impacts identified in the PEIR include issues regarding: hydrology and geomorphology, water quality, geology and soils, air quality, noise, aesthetics, land use, recreation, transportation/traffic, public services, utilities and service systems, and hazardous materials.

Hydrology

As is described in detail in PEIR Section 3.1, Hydrology, the proposed Project, after mitigation, would have no adverse long-term effects on hydrology within the project area or the vicinity. The proposed project could result in short-term impacts on erosion and siltation, and on stormwater drainage systems. These potential impacts would be reduced below significance through regulatory compliance with permitting processes and through the implementation of Mitigation Measures 3.1-1, 3.1-2, 3.14-1, and 3.14-3. In order for the Project to contribute to a significant cumulative impact, it would have to create an impact that would exist long enough to combine with other projects to create that significant effect. The absence of residual impacts eliminates the potential for the Project to create overlapping or interactive impacts with other projects or make a substantial incremental contribution to cumulative conditions to result in cumulative impacts related to hydrology. Consequently, the proposed Project would not incrementally contribute to a significant cumulative effect on hydrology.

Water Quality

As is described in detail in PEIR Section 3.2, Water Quality, the proposed Project would have no adverse short- or long-term effects on water quality within the Project Area or the vicinity. The only potential impacts of the proposed Project would be impacts related to herbicide use and short-term impacts related to Water Quality Standards or Waste Discharge Requirements. These potential impacts would be reduced below significance through regulatory compliance with permitting processes and through the implementation of Mitigation

Measures 3.1-1 and 3.4-6. Therefore, the Project would not incrementally contribute to any significant cumulative impacts related to water quality.

Geology, Soils, and Mineral Resources

As is described in detail in PEIR Section 3.3, Geology and Soils, and Mineral Resources, the proposed Project would have a less than significant impact on geology and soils. The only potential impacts of the proposed project would be short-term impacts on erosion, and these potential impacts would be reduced below significance through regulatory compliance with permitting processes and through the implementation of Mitigation Measure 3.1-1. Implementation of this mitigation measure also would ensure that Project-related activities would not incrementally contribute to any significant cumulative impacts related to geology and soils.

The proposed restoration Project would have no impact on mineral resources. As described in the Setting section, neither the Solano County General Plan nor the Yolo County General Plan identifies the Putah Creek area among the County's Mineral Resource Zones. The Yolo County General Plan identifies natural gas fields are located in the area (the Winters Gas and Putah Sink Gas fields and the abandoned Dixon Gas and Davis Southeast Gas fields). The Project would not prevent future use or development of these natural gas resources because the Project would not involve deep subsurface activities and would not construct any human habitation or commercial or industrial development that would place people or large structures along the creek. Therefore, the project would not contribute to any cumulative impacts to mineral resources.

Biological Resources

As is described in detail in PEIR Section 3.4, Biological Resources, the proposed Project's potentially significant effects on biological resources within the Project Area or the vicinity would be fully mitigated. Potential impacts to special-status species (including the song sparrow [Modesto Population], Valley elderberry longhorn beetle, Swainson's hawk, western pond turtle, and the white-tailed kite); to migratory birds; to riparian, aquatic, and wetland habitat; to species movement; and to water quality for fish within the Project Area would be either less than significant or mitigated to that level. These potential impacts would be reduced below significance through the implementation of Mitigation Measures 3.4-1 through 3.4-6.

Air Quality and Greenhouse Emissions

Per the Yolo-Solano Air Quality Management District (YSAQMD) CEQA Handbook for Assessing and Mitigating Air Quality Impacts, any proposed project that would individually have a significant air quality impact (exceed YSAQMD CEQA Significance Thresholds) would also be considered to have a significant cumulative impact (YSAQMD, 2007). All air quality and GHG impacts would be less than significant for the

proposed Project; therefore, the proposed project would have a less-than-significant contribution to cumulative impacts.

Noise

Potential project-related noise impacts would not result in any potentially significant cumulative impacts. Construction-related noise impacts are short-term and would cease upon completion of construction. No long-term noise would be generated as a result of the Project, which would result in the restoration of Putah Creek, and no concurrent major construction projects have been identified in the vicinity of Putah Creek; therefore, the Project would not contribute to cumulative noise impacts.

Hazards and Hazardous Materials

As is described in detail in PEIR Section 3.7, Hazards and Hazardous Materials, the proposed Project would have no adverse short- or long-term impacts related to hazards or hazardous materials within the Project Area or the vicinity. The only potential impacts of the proposed Project would be potential impacts related to unexpected discovery of hazardous materials during excavation; minor contamination from drips and leaks from construction vehicles and equipment; or the misapplication of herbicides during activities to reduce invasive species and weeds. These potential impacts would be localized and reduced a less-than-significant level through the implementation of Mitigation Measures 3.7-1, 3.7-2, and 3.4-6; therefore, the Project would not contribute to any cumulative impacts to hazards or hazardous materials.

Land Use and Agricultural Resources

The Project could have temporary impacts to access to agricultural lands during construction. These impacts would be fully mitigated by measures identified in Section 3.8, Land Use and Agricultural Resources, of the PEIR; therefore, the project's contribution to any cumulative impacts of the other projects listed in this section would not be considerable.

Aesthetics

The project could have temporary impacts to views of the creek and associated vegetation during construction and until new vegetation becomes established. These impacts would be localized and not overlap visual impacts of any of the other cumulative projects with the exception of work at the connection of this Project with the YBWA project, where there are no sensitive receptors (i.e., residents or recreational users) to visual changes. The new Winters Putah Creek Road Bridge should be completed prior to implementation of the Project. Further, mitigated by measures identified in Section 3.8, Land Use, of the PEIR would reduce the project's cumulative impacts to less than significant; therefore, the Project's contribution cumulative impacts would not be considerable.

Recreation

The Project could have temporary impacts on access to recreational areas. These would be minimized by measures identified in Section 3.10, Recreation, of the PEIR. It is unlikely that any of the Project's impacts to recreational resources would overlap with impacts of the other cumulative projects and, if any overlap were to occur, it would be of short duration; therefore, the project's contribution to any cumulative impacts on recreational resources would not be considerable.

Cultural Resources

Cultural resources in the Project Area and surrounding region generally consist of early Native American habitation and resource processing sites, and buildings and structures associated with late 19th and early 20th century agricultural and transportation activities. Particularly from the latter half of the 20th century to the present, prehistoric sites and historic-era buildings and structures have been destroyed, disturbed, and modified. During this period, the creation and enforcement of various regulations such as CEQA protecting cultural resources have substantially reduced the rate and intensity of these impacts; however, even with these regulations, cultural resources are still degraded or destroyed as cumulative development in the Davis and Winters area proceeds.

Research conducted for the Project indicates that the Project Area contains prehistoric cultural resources that are considered significant as defined by CEQA. As-yet undiscovered cultural resources might also be present in the Project Area. The cultural resources mitigation measures discussed in the PEIR would reduce impacts on prehistoric and historic-era resources and human interments to less-than-significant levels. Implementing these mitigation measures also would ensure that Project-related activities would not incrementally contribute to any

significant cumulative impacts on important cultural resources in the Project. These measures ensure compliance with CEQA guidance. Consequently, the proposed Project would not incrementally contribute to a significant cumulative effect on cultural resources.

Transportation/Traffic

As described in detail in Section 3.12, Transportation/Traffic, the proposed Project would have no impact on transportation and traffic. The Project would not conflict with an applicable plan, ordinance, or policy establishing measures of effectiveness for the performance of the circulation system. The Project would contribute a small number of vehicle trips during short-term construction; no more than 42 daily one-way 3- and 4-axle-truck trips to haul materials, and an expected maximum of 12 daily one-way passenger vehicle trips per day for commuting workers, but these trips do not create a significant impact. Post-construction Project traffic would be minimal. Cumulative impacts would be further minimized through limits on the annual scope of activities, as described in Chapter 2, Project Description. Activities would be conducted in a discontinuous pattern to further avoid or minimize any potential construction-related effects, including traffic impacts.

In order for the Project to contribute to a significant cumulative impact on transportation and traffic, it would have to create an impact that would combine with other projects to create that significant effect. The Project would involve low traffic-generating activities in mostly rural areas with light traffic. Other cumulative projects may overlap Project traffic generation for short periods, but the overlap is very unlikely to significantly affect local or regional traffic conditions. Mitigation measures identified in this PEIR would further limit the Project's contribution to these temporary traffic effects; therefore, the proposed Project would have a less than cumulatively considerable impact on transportation and traffic and no mitigation is required.

Utilities and Service Systems

As is described in detail in Section 3.14, Utilities, the proposed Project would have no adverse long-term effects on utilities within the Project Area or the vicinity. The only potential impacts of the proposed Project would be potential short-term impacts on small roadway or agricultural storm drains, and potential long-term and short-term impacts in the event of inadvertent damage to underground pipelines during excavation. It is unlikely that any of these Project impacts would overlap with impacts of the other cumulative projects and, if any overlap were to occur, it would be of short duration. Moreover, these potential impacts would be reduced below significance through regulatory compliance with permitting processes and through the implementation of Mitigation Measures 3.1-2, 3.1-2, and 3.14-1; therefore, the Project would have no impact on cumulative conditions.

Irreversible/Irretrievable Impacts

As described in the Project Description of the PEIR, the proposed Project would permanently convert large pool areas to flowing stream areas. The Project also would irreversibly alter the stream's degraded habitat to a more ecologically productive natural habitat. Construction of the Project would result in the irretrievable use of natural resources including fuels and rock materials.

Staff Recommended Changes

Changes in the Project Description and Biological Resource sections (2.0 and 3.4, respectively) were made due to comments received, to make the PEIR easier to read. For ease of reference those revised sections were provided in "track change" format as Appendices A and B to the Comments and Responses addendum.

Minor changes were made to the Hydrology Section (3.1), to clarify interactions and potential impacts to groundwater.

These changes are not significant and would not require recirculation of the Draft PEIR.

Staff recommends accepting these revisions to the PEIR.

CONCLUSION

Finding: The Solano County Water Agency determines that implementation of the proposed Project, as mitigated, will not cause significant adverse impacts on the physical and biological characteristics of the environment.

RESOLUTION NUMBER 2017-02

**RESOLUTION OF THE SOLANO COUNTY WATER AGENCY CERTIFYING FINAL
PROGRAM ENVIRONMENTAL IMPACT REPORT FOR THE LOWER PUTAH CREEK
RESTORATION PROJECT-UPPER REACH PROGRAM**

WHEREAS, the SOLANO COUNTY WATER AGENCY is pursuing a project to restore and rehabilitate the channel, banks, and associated habitats of Putah Creek to more natural, self-sustaining form and function, consistent with the current (post-Monticello Dam) hydrologic regime. The proposed program of projects and activities (collectively, the "Project") would be implemented to stop further degradation of the creek corridor and to "jump-start" natural geomorphic and ecological processes in site-specific locations; and

WHEREAS, The SOLANO COUNTY WATER AGENCY is the Lead Agency and has prepared a Programmatic Environmental Impact Report (PEIR) to comprehensively address near-term and long-term activities planned for the Project; and

WHEREAS, the PEIR applies to restoration efforts proposed for the Upper Reach of the Putah Creek Restoration Project, planned by the SOLANO COUNTY WATER AGENCY and the Lower Putah Creek Coordinating Committee. The Upper Reach Project Area includes the area just downstream of the Putah Diversion Dam (one mile west of Winters) to the Western edge of the Yolo Basin Wildlife Area (near Yolo County Road 106A); and

WHEREAS, a Public Scoping Meeting occurred for the Proposed Project on February 12, 2015, at the Winters Community Center. The scoping comment period for the PEIR ended on March 15, 2015; and

WHEREAS, the Draft Program Environmental Impact Report (Draft PEIR) for the Project was prepared and distributed by the SOLANO COUNTY WATER AGENCY on June 1, 2016; and

WHEREAS, the SOLANO COUNTY WATER AGENCY, as lead agency on the Project, held a 45-day review period for the Draft PEIR from June 1 to July 22, 2016, and a public hearing on the Draft PEIR was held on June 28, 2016, also in Winters; and

WHEREAS, the SOLANO COUNTY WATER AGENCY has reviewed all comments received on the Draft PEIR, and a Comments and Responses addendum to the Final PEIR has been prepared to respond to comments on the Draft PEIR received from the public and concerned agencies during the formal public review period; and

WHEREAS, the SOLANO COUNTY WATER AGENCY has reviewed and considered the Draft Final Program Environmental Impact Report for the Lower Putah Creek Restoration Project- Upper Reach Program; and

WHEREAS, the SOLANO COUNTY WATER AGENCY has reviewed the staff report and heard testimony relative to the Draft Final Program Environmental Impact Report for the Lower Putah Creek Restoration Project- Upper Reach Program at a duly noticed public hearing held on June 8th, 2017, and hereby incorporates by reference the conclusions and findings of staff into this Resolution as if set out in full herein; and

WHEREAS, a Final Program Environmental Impact Report for the Lower Putah Creek Restoration Project- Upper Reach Program has been prepared, in accordance with the California Environmental Quality Act (CEQA) and SOLANO COUNTY WATER AGENCY CEQA guidelines.

NOW, THEREFORE, BE IT RESOLVED that the Board of Directors of the SOLANO COUNTY WATER AGENCY, by adoption of the foregoing Resolution, Certify the Final Program Environmental Impact Report for the Lower Putah Creek Restoration Project- Upper Reach Program.

Approved and adopted the 8th day of June, 2017. I, the undersigned, hereby certify that the foregoing Resolution was duly adopted by the SOLANO COUNTY WATER AGENCY following Roll Call Vote:

Ayes:

Noes:

Abstain:

Absent:

Pete Sanchez, Chairman

ATTEST:

Roland Sanford,
General Manager and Secretary to
Solano County Water Agency

EXECUTIVE SUMMARY

OVERVIEW OF THE PROGRAM AND DRAFT EIR

This Program Environmental Impact Report (PEIR) addresses the potential environmental impacts of the Lower Putah Creek Restoration Project, Upper Reach Project, a component of the *Lower Putah Creek Restoration Project, California Department of Fish and Wildlife Ecosystem Restoration Program (ERP Grant No E1183015)*. The Lower Putah Creek Restoration Project Upper Reach Project (hereafter referred to as “the Program”) proposes to restore and enhance geomorphic and ecological function on approximately 24.2 miles of Putah Creek between the Putah Diversion Dam (PDD) and the western boundary of the Yolo Bypass Wildlife Area (YBWA) (see Figure 1). This reach of Putah Creek crosses a combination of privately (primarily) and publically owned lands in Solano and Yolo counties. The restoration efforts analyzed in this PEIR are planned by the Solano County Water Agency (SCWA) and the Lower Putah Creek Coordinating Committee (LPCCC) for implementation over the next 15 years. The SCWA is the CEQA lead agency for the Project.

This PEIR is intended to provide the public, responsible agencies, and trustee agencies with information about the potential environmental effects of the proposed Program, which is the CEQA “Project.” SCWA has prepared this PEIR in compliance with the California Environmental Quality Act (CEQA) of 1970 (as amended) and the State CEQA Guidelines (14 California Code of Regulations [CCR] Section 15000 et seq.).

This PEIR is intended to meet CEQA requirements and to integrate CEQA review with related consultations and anticipated programmatic and project-level permit requirements. SCWA, in its role as the lead agency, will use the PEIR to comply with CEQA review requirements for its approval of each of the restoration activities described herein. Program-level documentation may provide sufficient CEQA analysis to meet site-specific, project-level analysis for future projects, or additional documentation may be needed to fulfill CEQA compliance. This determination will be made by the lead agency on a case-by-case basis, typically with preparation of an Initial Study.

PROGRAM PURPOSE AND NEED

The Lower Putah Creek corridor is one of the largest remaining tracts of high quality wildlife habitat in Yolo and Solano counties, and provides habitat for a unique

assemblage of fish and wildlife species native to the Central Valley. However, the creek suffers from substantially reduced flows from flow diversions, altered channels and eroding banks, habitat loss and degradation, invasive weed infestations, and other problems. In many locations in the Program area, the Putah Creek channel is oversized for current flows and has been deepened by mining, which have resulted in degraded habitat. The Program proposes to develop restoration projects on up to 17 separate creek reaches to optimize benefits to fish, wildlife, and other resources.

The overall Program purpose is to restore and rehabilitate the creek channel, banks, and associated habitats to more natural, self-sustaining form and function, consistent with the current (post-Monticello Dam) hydrologic regime. The Program would be implemented to stop further degradation of the creek corridor and to “jump-start” natural geomorphic and ecological processes in site-specific locations. The primary goals for the Program include:

- Improve passage, rearing, and emigration of adult and juvenile salmonids in Putah Creek
- Preserve and enhance, where possible, existing beneficial uses including public access, wildlife viewing, hunting and fishing, balanced with existing, enhanced, and restored ecological functions
- Enhance habitats for Delta native fishes and wildlife within the Putah Creek Upper Reach

PROGRAM ACTIVITIES

The proposed Program activities are designed to work together in a comprehensive manner to achieve the Program goals and objectives. The activities would be implemented (singly or in combination) in a series of individual actions (projects), applied to specific locations within the Program area, as determined by site-specific conditions. For purposes of description of site conditions and of proposed locations for the various activities, the Program area has been divided into 17 stream segments (Project reaches) (see Figure 2-1).

Program activities fall into three general categories: (1) Channel Reconfiguration, (2) Vegetation Management, and (3) Maintenance. These activities are listed by category in Table ES-1. As stated above, site-specific Project implementation may entail application of one or a combination of these activities. All in-stream activities would be implemented adaptively, based upon understanding of the ecosystem and its changes over time. A site-specific Adaptive Management Plan would be developed for each

individual project, based on the desired environmental outcomes and the potential for environmental impacts.

Table ES-1 Program Activities by Category

Channel Reconfiguration	Vegetation Management	Maintenance of Enhancement Sites
<ul style="list-style-type: none"> • Modify Channel Geometry • Construct Grade/Flow Control Structures • Stabilize Channel Banks • Improve Fish Spawning Gravels • Fill Abandoned Gravel Pits 	<ul style="list-style-type: none"> • Remove Invasive Plants • Plant Native Vegetation 	<ul style="list-style-type: none"> • Irrigate Native Revegetation Sites • Manage Non-Native Vegetation at Restored Sites • Maintain Long-Term Access Points

PUBLIC INVOLVEMENT IN THE CEQA PROCESS

In accordance with State CEQA Guidelines (14 CCR Section 15082[a], Section 15103, Section 15375), SCWA circulated a Notice of Preparation (NOP) for the proposed Program on January 30, 2015 (**Appendix A**). The NOP, in which SCWA was identified as the lead agency for the proposed Program, was circulated to the public; to local, state, and federal agencies; and to other interested parties. The purpose of the NOP was to inform responsible agencies and the public that the proposed Program could have significant effects on the environment, and to solicit their comments so that any concerns raised could be considered during the preparation of the PEIR. In addition, SCWA held a public scoping meeting on February 12, 2015, to provide the public with another opportunity to comment. Comments received in response to the NOP and at the public scoping meeting are included in **Appendix B**.

After the Draft PEIR (DPEIR) is completed, SCWA will issue a notice of availability, providing agencies and the public with formal notification that the DPEIR document is available for review. SCWA will host a public hearing approximately 30 days after release of the DPEIR. The purpose of public circulation and the public hearings are to provide agencies and interested individuals with opportunities to comment on or express concerns regarding the contents of the DPEIR.

CEQA requires the lead agency to prepare a Final PEIR (FPEIR), addressing all substantive comments received on the Draft PEIR before approving a project. Written and oral comments received in response to the Draft PEIR will be addressed in the FPEIR. The FPEIR must include a list of all individuals, organizations, and agencies that provided

comments on the Draft PEIR, and must contain copies of all comments received during the public review period along with the lead agency's responses to those comments.

ENVIRONMENTAL IMPACTS AND MITIGATION MEASURES

The environmental impacts of the proposed Program and applicable mitigation measures are summarized in Table ES-3 (at the end of this section) and briefly described by topic below.

Hydrology

The Program would not result in any significant, long-term impacts to hydrology. Construction of the various Program elements could potentially cause adverse, short-term impacts due to erosion and siltation. These short-term impacts would be mitigated to a less-than-significant level by the implementation of erosion and sediment control best management practices (BMPs) during and following construction. Within the Project reaches occasional small roadway or agricultural storm drains may need to be modified or replaced due to channel realignment. If modifications or replacement of these drainage systems were not performed according to current standards, they could be damaged, or perform in a substandard manner. Such impacts would be avoided by designing any modifications of storm drainage systems according to current standards appropriate for the setting.

Water Quality

The Program would not result in any significant, long-term impacts to water quality. As discussed above for hydrology, construction of the various Program elements could potentially cause adverse, short-term impacts to water quality due to erosion and sediment release, which would be mitigated to a less-than-significant level by implementing erosion and sediment control BMPs. Construction of the program elements could also cause short-term impacts to water quality through the introduction of fuels and lubricants from construction equipment into Putah Creek. Implementing restrictions on construction vehicle storage and maintenance would reduce these impacts to a less-than-significant level. The use of herbicides for invasive weed control in the various reaches could cause adverse impacts to water quality if such application is not performed according to the appropriate standards. Application of all herbicides by a licensed applicator, in accordance with label directions and U.S. Environmental Protection Agency (US EPA) recommendations to avoid overspray and accidental water introduction (during non-aquatic uses) would reduce these impacts to a less-than-significant level.

Geology, Soils, and Mineral Resources

The Program would not result in any significant, long-term impacts to geology and soils. As described above for hydrology, construction of the Program elements could potentially result in substantial soil erosion. These short-term impacts would be mitigated to a less-than-significant level by implementing erosion and sediment control BMPs during construction. The Program would not have an impact on the availability of important mineral resources.

Biological Resources

The Program would not result in any significant, long-term impacts to biological resources. Construction of the various Program elements could potentially cause adverse, short-term impacts to a number of special status species and their habitats. All of these short-term impacts would be mitigated to a less-than-significant level by the implementation of mitigation measures prior to, during and following construction.

Air Quality and Greenhouse Gas Emissions

The Program would not have any long-term impacts on air quality or greenhouse gas emissions. Construction of the Program elements could result in short-term impacts to air quality from emissions of criteria pollutants, but these impacts would be mitigated to a less-than-significant level by implementing standard construction best management practices aimed at reducing such emissions.

Noise

The Program would have no long-term impacts to noise levels. However, construction of Program elements would exceed the Solano County daytime non-transportation noise standards at residences closest to some project sites in Solano County, resulting in a potentially significant impact. Implementation of noise reducing construction practices would reduce this impact to a less-than-significant level at some project sites, but the impacts would be significant and unavoidable in three of the Project reaches (Duncan-Giovannoni, Warren, and MacQuiddy Lester).

Hazards and Hazardous Materials

There are no known contaminated sites within the Program footprint that could cause the release of hazardous materials, if disturbed. The nearby LEHR Superfund site does not pose an immediate risk to people or the environment and Program activities would have no effect on this area. If evidence of hazardous materials are discovered during

Project activities, these materials would be tested and analyzed following proper protocols to determine the presence of hazardous substances prior to making arrangements for off-site reuse/recycling or disposal. Implementing restrictions on construction vehicle storage and maintenance would prevent the accidental release of construction-related contaminants (fuels, lubricants, etc.) into the environment. Potential impacts due to the use of herbicides for weed control during Project implementation would be reduced to a less-than-significant level by ensuring that herbicide application is conducted by a licensed applicator, in accordance with label directions and US EPA recommendations to avoid overspray and accidental water introduction (during non-aquatic uses). To prevent the accidental ignition of a wildfire during construction, appropriate fire suppression equipment will be available on all work sites and other BMPs will be implemented to reduce fire risks.

Land Use

Agricultural land uses within the Project reaches could potentially be impacted by construction activities and long-term operations of the Program, including maintenance activities and potential trespass by recreational users. These impacts would be mitigated to a less-than-significant level by (1) coordinating all construction and maintenance activities with adjacent landowners to ensure that access does not impact agricultural operations, and (2) installing access restrictions, such as warning signs and wildlife-friendly fencing, as needed. There would be no impact to non-agricultural land uses.

Aesthetics

There would be no long-term adverse impact to views within the Project reaches due to Program implementation. There may be short-term impacts to views within Project reaches and adjacent areas during construction due to the presence of construction equipment and changes in the appearance of the riparian area and creek channel. These short term impacts would be mitigated to a less-than-significant level by the use of interpretive signs explaining the restoration process, locating stockpiles away from public view, and, in some cases, installing visual screening fencing to limit the view of construction equipment and stockpiles from existing public access areas.

Recreation

The Program would not have any long-term adverse impacts on recreation. Recreation within the reaches would be temporarily impacted during construction and potentially for a period of time following construction due to disturbance by construction and associated access restrictions. The primary impacts would be loss of access to the creek

and associated recreational amenities, including trails, picnic areas, and boating access. These impacts would be mitigated to a less-than-significant level by providing alternate access to high-use recreational sites during construction, minimizing the impact of construction upon recreational site access where feasible, and by working with adjacent landowners to facilitate their provision of public access and recreational infrastructure into the Proposed Project where impacts to sensitive biological resources can be avoided.

Cultural Resources

The Program would not have any long-term adverse impacts on cultural resources. The presence of documented cultural resources within the Project Area indicates that there is a possibility that additional significant sites, features, and artifacts could be discovered or disturbed as a result of Program-related ground-disturbing activities, resulting in a potentially significant impact. These impacts would be reduced to a less-than-significant level by establishing a construction buffer (≥ 100 feet) beyond the known boundaries of documented cultural resources, and by contacting a qualified cultural resource specialist to assess any unrecorded cultural resources encountered during construction. In accordance with the California Health and Safety Code, if human remains are uncovered during ground-disturbing activities, excavation in the area of the burial shall be halted and the County Coroner and a professional archaeologist shall be contacted to determine the nature and extent of the remains.

Transportation and Traffic

Implementation of the Program would not result in any significant long- or short-term impacts to transportation and traffic.

Public Services

Implementation of the Program would not result in any significant long- or short-term impacts to the demand for public services.

Utilities and Service Systems

Construction activities involving excavation could inadvertently damage pipelines crossing underneath some of the Project reaches, which could result in short-term and long-term impacts such as work injuries, property damage, unintentional fire or explosions, and environmental damage. Such potentially significant impacts would be avoided by identification of pipeline locations before excavation activities begin. Also, as

described in the hydrology section, within the Project reaches occasional small roadway or agricultural storm drains may need to be modified or replaced due to channel realignment. Such impacts would be avoided by designing any modifications of storm drainage systems according to current standards appropriate for the setting.

CUMULATIVE IMPACTS

A cumulative impact refers to two or more individual effects which, when considered together, are considerable or which compound or increase other environmental impacts. The individual effects may be changes resulting from a single project or a number of separate projects. Cumulative impacts can result from individually minor but collectively significant projects taking place over a period. The cumulative impacts identified in this EIR include issues regarding: hydrology and geomorphology, water quality, geology and soils, air quality, noise, aesthetics, land use, recreation, transportation/traffic, public services, utilities and service systems, and hazardous materials. However, none of these impacts are considered to be cumulatively significant given the nature and extent of other planned/ongoing projects within the Program vicinity.

ALTERNATIVES

Three alternative programs were analyzed in this effort alongside the proposed Program. These alternatives and the variation in impacts, as compared to the proposed Program, are described below. Table ES-2 provides a summary of the potential effects of the two alternatives, as compared to the proposed Program.

Alternative 1 – No Project

The No Project Alternative analyzes the environmental effects of the future conditions along the Project reach absent the Project. This alternative assumes that the Project Area would remain in its current condition as a degraded-habitat stream corridor. Unlike the proposed Project, the No Project Alternative would not catalyze funding by creating a series of “shovel-ready” projects. Although some restoration projects may occur in the proposed Project’s absence, the number of likely future restoration projects and their scale is dependent on episodic funding which is not predictable. This alternative assumes nominal restoration, but ongoing implementation of existing maintenance activities such as irrigation to establish native vegetation, management of non-native vegetation (including manual and mechanical removal and chemical control), and maintenance of long-term access points.

Table ES-2 Comparison of Alternatives to the Proposed Program

Environmental Category	Proposed Project	Alternative 1 No Project	Alternative 2 Pool Filling Only	Alternative 3 Reduced Project
Aesthetics	LS/MM	NI	LS/MM	LS/MM-
Air Quality & Greenhouse Gas Emissions	LS/MM	NI	LS/MM-	LS/MM-
Biological Resources	LS/MM	NI	LS/MM-	LS/MM-
Cultural Resources	LS/MM	NI	LS/MM-	LS/MM-
Geology and Soils, Mineral Resources	LS/MM	NI	LS/MM-	LS/MM-
Hazards	LS/MM-	NI	LS/MM-	LS/MM-
Hydrology	LS/MM-	NI	LS/MM-	LS/MM-
Land Use	LS	NI	LS	LS/MM-
Noise	SU/MM	NI	SU-	SU-
Public Services	NI	NI	NI	NI
Recreation	LS	NI	LS-	LS-
Transportation/Traffic	LS	NI	LS/MM-	LS/MM-
Utilities	LS/MM	NI	LS/MM-	LS/MM-
Water Quality	LS/MM	NI	LS/MM-	LS/MM-
Consistency with Project Objectives	Consistent	Inconsistent	Less Consistent	Less Consistent

Notes:

NI = No impact would occur.

LS = All impacts would be less than significant, no mitigation required.

LS/MM = All impacts would be less than significant after mitigation.

SU = One or more impacts would be significant and unavoidable, even after mitigation.

- = Alternative impacts are less severe than the Proposed Project.

+ = Alternative impacts are more severe than the Proposed Project.

Where no + or - is indicated, impacts of the Proposed Project and the Alternative are identical or very similar.

This alternative would not fully meet any of the Program objectives. Degraded conditions associated with the deep pools would not be remedied, or may be partially remedied depending on funding available for maintenance and periodic restoration activities. Existing erosion and habitat degradation associated with non-native vegetation and invasive weeds would likely continue.

Alternative 2 – Restoration of Pools Only

This alternative limits restoration activities to only re-contouring the channel to remove approximately 112.5 acres of wide, deep pools in the Program Area. No Program-wide

channel re-construction or restoration would occur. This alternative assumes nominal restoration but ongoing implementation of existing maintenance activities such as irrigation to establish native vegetation, management of non-native vegetation (including manual and mechanical removal and chemical control), and maintenance of long-term access points. Alternative 2 could feasibly accomplish significant restoration of areas with the worst aquatic habitat and water quality effects.

This alternative would only partially fulfill the Program objectives and would not meet the integrative restoration needs of the creek system as a whole. Therefore, Alternative 2 would be less consistent with project objectives than the proposed Project.

Alternative 3 – Reduced Project Alternative

This alternative focuses all of the proposed potential restoration activities in the four reaches from PDD to the Interstate 505 (I-505) bridge (NAWCA/Mariani, Duncan-Giovannoni, Winters Putah Creek Nature Park, and East of I-505), a distance of approximately 4 miles. Activities would be accomplished over a 2-year period, 2 miles per year. This alternative was selected instead of a downstream Reduced Project Alternative because upstream areas of the creek contain colder water and higher quality fisheries habitat than downstream, resulting in better project results and the most efficient use of funding. This alternative would provide very high value aquatic and riparian habitat for the colder water species and a contiguous corridor for movement, linking to the existing high quality PDD to Berryessa riparian corridor.

This alternative fulfills many of the Program objectives, but to a lesser extent than the Proposed Program due to the reduction in the Program implementation area. However, this alternative fails to meet Objective 6 (Maintain a balance of existing fish and wildlife habitats, hunting, fishing, wildlife viewing, and other public benefits, including water supply and agriculture, between the PDD and YBWA) because it would not perform activities along Putah Creek all the way to the YBWA, and instead would stop at I-505 near the City of Winters. For this reason, Alternative 3 fails to meet the integrative restoration needs of the Creek system as a whole. Therefore, Alternative 3 would be less consistent with project objectives than the proposed Program.

Environmentally Superior Alternative

CEQA Guidelines Section 15126.6(e)(2) requires that the environmentally superior alternative be identified. If the environmentally superior alternative is the No Project/No Development Alternative, the EIR shall also identify an environmentally

superior alternative among other alternatives. CEQA also requires public agencies to mitigate or avoid significant effects of a project whenever it is feasible to do so (Public Resources Code Section 21002.1).

The environmentally superior alternative is Alternative 2, Pool Filling Only, which achieves some of the water quality and habitat benefits of the proposed Project but with lessened short-term construction-related impacts. However, this alternative is less consistent with the Project objectives than the proposed Projects, as shown in Table ES-2.

Table ES-3 Impacts and Mitigation Measures

Impact Number	Impact	Applicable Mitigation Measures	Impact Significance after Mitigation
Hydrology			
3.1-1	Excessive erosion and siltation within stream reaches due to construction activities.	<p>3.1-1: Implement Erosion and Sediment Control BMPs. In the cases in which a SWPPP is not required for Project activities, the Project applicant shall implement BMPs selected by a Qualified SWPPP Developer. The BMPs shall be drawn from the Construction BMP Handbook published by the California Stormwater Quality Association (CASQA) or equivalent prior to the start of any ground-disturbing activities. These BMPs may include, but are not restricted to, the menu of measures listed below, and would be applied both during and after construction, until the work site is stabilized according to the same closure requirements that would be applicable were the work area subject to a SWPPP.</p> <p>In order to ensure that the BMPs implemented are functioning to prevent erosion and sediment impacts, a California-qualified Qualified SWPPP Practitioner (QSP) must inspect functioning of the BMPs on a weekly basis. If the BMPs are insufficient, the QSP shall make recommendations for additional or sufficient BMPs.</p> <p><u>Erosion Controls – Menu of Potential BMPs</u></p> <ul style="list-style-type: none"> • <u>Stream Bank and Channel Stabilization:</u> Where creek banks and channels are disturbed by construction, application of the full suite of available BMPs shall be coordinated by the QSP for application during and following construction to reduce the discharge of sediment and other pollutants from stream banks to minimize the impact of construction activities (CASQA, 2009, Fact Sheet EC-12). • <u>Scheduling:</u> The QSP shall prepare a written plan to sequence construction activities and the implementation of other BMPs to reduce the amount and duration of soil exposed to erosion by wind, rain, runoff, and vehicle tracking. Environmental constraints such as nesting season prohibitions shall also be taken into account in developing a schedule (CASQA, 2009a, Fact Sheet EC-1). • <u>Preservation of Existing Vegetation:</u> Where possible, existing non-invasive and native vegetation shall be preserved to minimize the 	Less than significant

Table ES-3 Impacts and Mitigation Measures

Impact Number	Impact	Applicable Mitigation Measures	Impact Significance after Mitigation
		<p>potential of removing or injuring existing trees, vines, shrubs, and grasses that protect soil from erosion (CASQA, 2009, Fact Sheet EC-2).</p> <ul style="list-style-type: none"> • Hydroseeding: Where soil has been disturbed by construction and requires temporary protection until permanent stabilization is established, a mixture of hydraulic mulch, seed, fertilizer, and stabilizing emulsion shall be applied to temporarily protect exposed soils from erosion by water and wind (CASQA, 2009, Fact Sheet EC-4). • Geotextiles and Mats: Where soil has been disturbed by construction on slopes where the erosion hazard is high and vegetation will be slow to establish, mattings shall be used to cover the soil surface to reduce erosion from rainfall, hold soil in place, and absorb and hold moisture near the soil surface (CASQA, 2009, Fact Sheet EC-7). • Wood Mulching: Where soil has been disturbed by construction and temporary protection is needed until permanent stabilization is established, an applied mixture of shredded wood mulch, bark, or compost shall be applied to disturbed soils to reduce erosion by protecting bare soil from rainfall. This BMP shall not be used on areas exposed to concentrated flows or on slopes steeper than 3:1 (H:V) (CASQA, 2009, Fact Sheet EC-8). • Velocity Dissipation Devices: Where needed, a physical device composed of rock, grouted riprap, or concrete rubble, shall be placed at the outlet of a pipe or channel to prevent scour of the soil caused by concentrated high velocity flows. This BMP will be applied to stormwater structures as needed to divert run-on flow during construction (CASQA, 2009, Fact Sheet EC-10). <p>Sediment Controls– Menu of Potential BMPs</p> <ul style="list-style-type: none"> • Silt Fence: Where needed, a woven geotextile that has been entrenched, attached to supporting poles, and sometimes backed by a plastic or wire mesh for support will be installed temporarily to detain sediment-laden water and promote sedimentation behind the fence. This shall be used in areas disturbed by construction as a perimeter 	

Table ES-3 Impacts and Mitigation Measures

Impact Number	Impact	Applicable Mitigation Measures	Impact Significance after Mitigation
		<p>control, above channels, and/or below the toe or downslope of exposed and erodible slopes (CASQA, 2009, Fact Sheet SE-1).</p> <ul style="list-style-type: none"> • <u>Fiber Rolls</u>: Where needed, fiber rolls shall be placed at the toe and on the face of slopes along the contours to intercept runoff, reduce its flow velocity, release the runoff as sheet flow, and provide removal of sediment from the runoff (CASQA, 2009, Fact Sheet SE-5). • <u>Gravel Bag Berm</u>: Where needed, a series of gravel-filled bags shall be placed on a level contour to intercept sheet flow runoff, allow sediment to settle out, and release runoff slowly as sheet flow, preventing erosion (CASQA, 2009, Fact Sheet SE-6). • <u>Straw Bale Barrier</u>: Where needed, a series of straw bales shall be placed on a level contour to intercept sheet-flow runoff and allow sediment to settle out (CASQA, 2009h). • <u>Compost Sock and Berm</u>: Where needed, a three-dimensional biodegradable filtering structure shall be used at the site perimeter or at intervals on sloped areas to intercept runoff where sheet flow occurs to retain sediment (CASQA, 2009, Fact Sheet SE-13). • <u>Stabilized Construction Entrance and Exit</u>: A pad of aggregate underlain with filter cloth shall be constructed at a point where traffic would be entering or leaving a construction site to or from a public right of way, street, alley, sidewalk, or parking area. The purpose of a stabilized construction entrance is to reduce or eliminate the tracking of sediment onto roadways and help prevent deposition of sediments into local storm drains and production of airborne dust (CASQA, 2009i). • <u>Stabilized Construction Roadway</u>: Access roads and parking areas shall be stabilized immediately after any grading and maintained to prevent erosion and control dust after grading (CASQA, 2009, Fact Sheet TC-2). <p><u>Non-Stormwater Controls</u></p> <ul style="list-style-type: none"> • <u>Temporary Stream Crossing</u>: Where needed, a temporary culvert, ford, or bridge shall be placed across a waterway to provide access for 	

Table ES-3 Impacts and Mitigation Measures

Impact Number	Impact	Applicable Mitigation Measures	Impact Significance after Mitigation
		construction purposes for a period of less than 1 year. These crossings are intended to eliminate erosion and downstream sedimentation caused by vehicles (CASQA, 2009, Fact Sheet NS-4).	
3.1-2	Diversion of stream flows around construction areas during Project implementation.	N/A	No impact
3.1-3	Increase in flood hazards in the program vicinity due to changes in channel geometry or roughness.	N/A	No impact
3.1-4	Reduced performance or ineffective operation of roadway and agricultural storm drains if they are not modified/replaced according to current design standards.	<p>3.1-2: Standards for Modification or Replacement of Storm Drains. In the event roadway or agricultural storm drains need to be modified or replaced as a result of the channel alignment or other Project activities, such modification or replacement will be done in a manner to bring the drain(s) up to current standards. The Project would replace or upgrade the facility to applicable standards in consultation with property owner. Depending on the funding source or location for a given Project activity, the improvements would be conducted be under city, county, state, or federal standards. For drains in Solano County, the Project would rely on the Solano County Public Works specifications. For portions of the Project occurring exclusively within Yolo County (Mace Road to Road 106A Reach and Road 106A to the YBWA) replacement drains would rely on the Yolo County Public Works specifications.</p> <p>In the event that roadway or agricultural storm drains within flood levees need to be modified or replaced as a result of Project activities, such modification or replacement shall be performed in strict consultation with the Central Valley Flood Protection Board (CVFPB) and according to CVFPB standards and requirements.</p>	Less than significant
Water Quality			
3.2-1	Impacts to water quality due to excessive erosion and sediment release during construction activities.	<i>See Mitigation Measure 3.1-1, Implement Erosion and Sediment Control BMPs. in the hydrology section.</i>	Less than significant
3.2-2	Impacts to water quality from operation of construction equipment within stream.	3.2-1: Procedures to Prevent Contamination from Construction Equipment.	Less than significant

Table ES-3 Impacts and Mitigation Measures

Impact Number	Impact	Applicable Mitigation Measures	Impact Significance after Mitigation
	channels and the potential introduction of fuel and lubricants.	<p>In order to prevent contamination from vehicle or equipment leaks during Project activities, the Project Applicant shall implement the following actions:</p> <ol style="list-style-type: none"> 1. Vehicles shall be maintained and operated in a leak-free condition. 2. Project vehicles shall not park or stored on impervious surfaces. 3. No fueling or maintenance of vehicles or equipment shall occur in the channel or floodplain. The exception would be if equipment that cannot be readily relocated (e.g., pumps and generators). 4. All off-site fueling sites (e.g., on access roads above the top-of-bank) shall be equipped with secondary containment and avoid a direct connection to underlying soil, surface water, or the storm drainage system. 5. For any stationary equipment (e.g., pumps and generators) that must be fueled on-site, secondary containment, such as a drain pan, drop cloth or booms, shall be provided in such a manner to prevent accidental spill of fuels to underlying soil, surface water, or the storm drainage system. 6. Petroleum products, chemicals, cement, fuels, lubricants, and non-storm drainage water or water contaminated with the aforementioned materials shall not be allowed to enter receiving waters or the storm drainage system. 7. Waste disposal containers shall be covered when they are not in use. 	
3.2-3	Impacts of the Project upon stream temperature, dissolved oxygen, and biological oxygen demand.	N/A	Less than significant
3.2-4	Impacts to water quality due to the release of contaminants, such as boron, mercury, fertilizers, and pesticides/herbicides.	<i>See Mitigation Measure 3.1-1, Implement Erosion and Sediment Control BMPs, in the Hydrology section and Mitigation Measure 3.4-5, Swainson's Hawk Avoidance, in the biological resources section.</i>	Less than significant
Geology and Soils, and Mineral Resources			
3.3-1	Damage to structures or injury to people from seismic activity such as fault rupture, ground shaking, or liquefaction.	N/A	Less than significant

Table ES-3 Impacts and Mitigation Measures

Impact Number	Impact	Applicable Mitigation Measures	Impact Significance after Mitigation
3.3-2	Exacerbated or new channel bank slope failure hazards due to project implementation.	N/A	Less than significant
3.3-3	Substantial soil erosion within restored areas during or after Project construction.	<i>See Mitigation Measure 3.1-1, Implement Erosion and Sediment Control BMPs. in the Hydrology section.</i>	Less than significant
3.3-4	Loss of access to mineral resources, such as aggregate and natural gas, within restored areas	N/A	No impact
Biological Resources			
3.4-1	General impacts on special-status species and habitats.	<p>3.4-1: Worker Environmental Awareness Program (WEAP). During construction of the Project, before any work occurs on the Project site, including grading, vegetation removal and equipment staging, all construction personnel shall participate in an environmental awareness training regarding special status species and sensitive habitats present on the Project site. Any additional construction personnel that are employed following the initial start of construction shall receive the mandatory training before starting work. As part of the training, an environmental awareness handout will be provided to all personnel that describes and illustrates sensitive resources (i.e., special status species and habitat, nesting birds/raptors) to be avoided during proposed Project construction and lists measures to be followed by personal for the protection of biological resources. Such measures shall include, but are not limited to:</p> <ul style="list-style-type: none"> • Procedures to follow if a special status species is found within the work area. • Checking under equipment and staging areas for wildlife species each morning prior to work. • Staying within designated work areas. • Maintaining exclusion/silt fencing. • Reduced Project speed limits. • No pets or firearms on-site. • Contain trash/food waste and remove daily to avoid encouraging 	Less than significant

Table ES-3 Impacts and Mitigation Measures

Impact Number	Impact	Applicable Mitigation Measures	Impact Significance after Mitigation
		predators onto the Project site.	
		<ul style="list-style-type: none"> • Following Project Best Management Practices (BMPs). 	
3.4-2	Impacts on Western pond turtle.	3.4-2: Western Pond Turtle Avoidance. The western pond turtle shall be protected from Project Area staging and operations areas through monitoring by a qualified biologist. The Project Area shall be inspected daily for the presence of turtles. If necessary, with consultation with CDFW, barriers shall be used when needed to direct the turtles and move them to an area of suitable habitat outside of the construction activity.	Less than significant
3.4-3	Impacts on giant garter snake.	<p>3.4-3: Giant Garter Snake Avoidance. In areas that provide suitable habitat for giant garter snake, construction shall only occur during the active period for the snake, between May 1 and October 1. During the active period for giant garter snake direct mortality is lessened because snakes are expected to actively move and avoid danger. Preconstruction surveys for the giant garter snake shall occur within 24 hours prior to ground disturbing activities. A survey of the Project Area should be repeated if a lapse in construction activity of two weeks or greater has occurred.</p> <p>If a snake is encountered during construction, work shall stop within the vicinity of the snake and the USFWS will be contacted immediately. Only following receipt of USFWS approval shall giant garter snake be collected and transferred to the nearest suitable habitat outside the work area. Work shall not re-commence until a qualified biologist has either removed the snake from the construction area or, after thorough inspection, determined that the snake has vacated the construction area.</p> <p>Any dewatering or vegetation clearing within 200 feet of potential aquatic habitat for giant garter snake shall be limited to the minimum amount necessary.</p>	Less than significant
3.4-4	Impacts on Valley elderberry longhorn beetle.	3.4-4: Valley Elderberry Longhorn Beetle (VELB) Avoidance. Valley elderberry plants (with stems greater than 1-inch diameter at ground level) occurring within the Project Area shall be avoided and, if avoidance is not possible, relocated to a designated location. Where Project impacts to elderberry shrubs cannot be avoided, or where shrubs are located	Less than significant

Table ES-3 Impacts and Mitigation Measures

Impact Number	Impact	Applicable Mitigation Measures	Impact Significance after Mitigation
		<p>within 30.5 meters (100 feet) of Project Area-specific activities, activities shall be conducted according to USFWS Conservation Guidelines for VELB (1999), or other VELB guidance as updated by the USFWS.</p> <p>VELB habitat shall be considered directly affected if Project construction requires the removal of the shrub or if ground-disturbing activities would occur within 6.1 meters (20 feet) of the dripline of the shrub. The species would be considered indirectly affected if Project construction would disturb the ground between 6.1 and 30.5 meters (20 and 100 feet) from the dripline of the shrub (USFWS, 1999). Transplantation or temporary removal of the affected shrubs may be necessary as prescribed by the guidelines, but plants that are extremely difficult to remove may be exempted. Planting of additional seedlings or cuttings may be required under the Project or program USFWS Biological Opinion, depending on the number of elderberry shrubs with emergence holes present in the Project Area.</p> <p>A monitoring plan of any mitigation measures in the Project Area shall be implemented as required under the Biological Opinion, including monitoring the general condition of the mitigation Project Area and the condition of the elderberry plantings for up to ten consecutive years. The plan shall describe monitoring responsibilities, intervals, intensity, and success rates. The monitoring plan shall further include requirements for reporting observations and findings to the applicable agency, for example, for VELB observations, to USFWS.</p>	
3.4-5	Impacts on Swainson's hawk.	<p>3.4-5: Swainson's Hawk Avoidance. For any construction activities initiated between March 15 and September 1, surveys for nesting Swainson's hawk shall be conducted within 0.5-mile of areas of disturbance for this species as described in the <i>Recommended Timing and Methodology for Swainson's Hawk Nesting Surveys in the California's Central Valley</i> (Swainson's Hawk Technical Advisory Committee, 2000). The recommended minimum survey protocol is completion of surveys for at least the two survey periods immediately prior to a project's initiation. Survey periods correspond to typical migration, courtship, and nesting</p>	Less than significant

Table ES-3 Impacts and Mitigation Measures

Impact Number	Impact	Applicable Mitigation Measures behavior and defined as follows:	Impact Significance after Mitigation																								
<table border="1"> <thead> <tr> <th>Survey Period</th><th>Survey Dates</th><th>Survey Time</th><th>Number of Surveys</th></tr> </thead> <tbody> <tr> <td>1 Recommend optional</td><td>January 1- March 20</td><td>All day</td><td>1</td></tr> <tr> <td>2</td><td>March 20- April 5</td><td>Sunrise to 1000 or 1600 to sunset</td><td>3</td></tr> <tr> <td>3</td><td>April 5- April 20</td><td>Sunrise to 1200 or 1630 to sunset</td><td>3</td></tr> <tr> <td>4 Initiating surveys is not recommended</td><td>April 21- June 10</td><td>All day; Monitoring known nests only</td><td>Ongoing</td></tr> <tr> <td>5</td><td>June 10- July 30</td><td>Sunrise to 1200 or 1630 to sunset</td><td>3</td></tr> </tbody> </table>				Survey Period	Survey Dates	Survey Time	Number of Surveys	1 Recommend optional	January 1- March 20	All day	1	2	March 20- April 5	Sunrise to 1000 or 1600 to sunset	3	3	April 5- April 20	Sunrise to 1200 or 1630 to sunset	3	4 Initiating surveys is not recommended	April 21- June 10	All day; Monitoring known nests only	Ongoing	5	June 10- July 30	Sunrise to 1200 or 1630 to sunset	3
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<p>If surveys determine that the species is present and nesting within this area, a buffer zone of 0.5-mile shall be established and coordination with CDFW shall be required prior to any work in this buffer zone during the nesting season. Work within 0.5-mile may be permitted with CDFW approval if a qualified biologist monitors the nest when Project disturbance activities occur within 0.5-mile of the nest. If the monitor determines that construction may result in abandonment of the nest, all construction activities within 0.5-mile shall be halted until the nest is abandoned or all young have fledged. The monitor shall continue monitoring the nest until construction within 0.5-mile of the nest is completed, or until all chicks have completely fledged and are no longer dependent on the nest.</p>																											
3.4-6	Impacts on nesting bird species.	3.4-6: Nesting Bird Avoidance. A pre-construction survey by a qualified biologist for nesting birds shall be required if construction activities are scheduled to occur during the breeding season (February 1 to August 31) for raptors and other migratory birds, including special-status bird species. The survey shall be conducted 15 days prior to ground disturbing	Less than significant																								

Table ES-3 Impacts and Mitigation Measures

Impact Number	Impact	Applicable Mitigation Measures	Impact Significance after Mitigation
		activities and shall cover 500-foot radius surrounding the construction zone. If active nests are found, actions typically include, but are not limited to, monitoring by agency-approved biologists, establishment or refinement of species-specific buffers, reduction or elimination of the use of loud equipment, reducing foot traffic and remaining in the vehicles, and the maintenance of visual screens. Migratory birds shall be protected from Project Area staging and operations through the use of a buffer established based on the birds sensitivity and response to the potential activity. Baseline behavior of the bird should be established to inform the buffer size. The qualified biologist may start with a 100-foot nest buffer or a 250-foot nest buffer for raptors, but may adjust the buffer size based of the reaction of the bird to the activity. If there is a potential for nest abandonment due to intrusion into the buffer zone, as established by the qualified biologist, then CDFW and the USFWS shall be consulted. If a lapse in Project-related work of 15 days or longer occurs, another focused survey, and if required, consultation with CDFW and the USFWS shall be performed before Project work can resume.	
3.4-7	Impacts on special-status bats.	3.4-7: Avoid and Minimize Impacts to Special-Status Bats. In areas where suitable habitat occurs and there is potential for special-status bat species to be present, specific mitigation measure(s) will be developed in consultation with CDFW.	Less than significant
3.4-8	Impacts on rare plants.	3.4-8: Avoid and Minimize Impacts to Rare Plants. Before the initiation of any vegetation removal or ground-disturbing activities, in areas that provide suitable habitat for special-status plants, the following measures shall be implemented: <ul style="list-style-type: none"> • A qualified botanist shall conduct appropriately timed surveys for special status plant species, in all suitable habitat that would be potentially disturbed by the Project. • Surveys shall be conducted following CDFW- or other approved protocol. • If no special status plants are found during focused surveys, the 	Less than significant

Table ES-3 Impacts and Mitigation Measures

Impact Number	Impact	Applicable Mitigation Measures	Impact Significance after Mitigation
		<p>botanist shall document the findings in a letter to the lead agency, and other appropriate agencies as needed, and no further mitigation will be required.</p> <ul style="list-style-type: none"> • If special status plants are found during focused surveys, the following measures shall be implemented: <ul style="list-style-type: none"> – Information regarding the special status plant population shall be reported to the CNDDB. – If the populations can be avoided during Project implementation, they shall be clearly marked in the field by a qualified botanist and avoided during construction activities. Before ground clearing or ground disturbance, all on-site construction personnel shall be instructed as to the species' presence and the importance of avoiding impacts to this species and its habitat. – If special status plant populations cannot be avoided, consultations with CDFW and/or USFWS would be required. If allowed under the appropriate regulations, the plants shall be mapped, photographed, and then transplanted to a suitable location by a qualified botanist. If required by the relevant agency, a plan to compensate for the loss of special status plant species, detailing appropriate replacement ratios, methods for implementation, success criteria, monitoring and reporting protocols, and contingency measures that would be implemented if the initial mitigation fails; the plan would be developed in consultation with the appropriate agencies prior to the start of local construction activities. – If mitigation is required, the Project proponent shall maintain and monitor the mitigation area for 5 years following the completion of construction and restoration activities. Monitoring reports shall be submitted to the resource agencies at the completion of restoration and for 5 years following restoration implementation. Monitoring reports shall include photo-documentation, planting specifications, a site layout map, descriptions of materials used, and justification for any deviations from the mitigation plan. Additional mitigation, monitoring may be required or modified by the administering 	

Table ES-3 Impacts and Mitigation Measures

Impact Number	Impact	Applicable Mitigation Measures	Impact Significance after Mitigation
		agency, and those requirements would supersede this section.	
3.4-9	Impacts on riparian habitat.	3.4-9: Monitor Riparian Habitat. In advance of construction, a Riparian Revegetation and Monitoring Plan shall be prepared for riparian areas which will describe the thresholds of revegetation success, monitoring and reporting requirements, and a description of the site-specific planting plan. The long-term ecological monitoring program described in the Plan will provide the basis for gauging the achievement of minimum performance standards. The Plan will describe a three-year riparian monitoring program that assesses the survival and health of on-site plantings. Appropriate performance standards may include, but are not limited to: an 80 percent survival rate of restoration tree and shrub plantings; absence of invasive plant species in restored areas; and self-sustaining conditions (i.e., plant viability without supplemental water) at the end of three years. The Plan will be submitted to the appropriate regulatory agencies for review and approval.	Less than significant
3.4-10	Impacts on fish.	3.4-10: Implement Aquatic Habitat Protection. Aquatic habitat shall be protected during Project Activities by limiting the amount of in-channel work and acquiring proper permits for work done within aquatic habitats. A fence shall be installed to the extent necessary to prevent the unintended discharge of excavated material and turbid water. The fencing shall be checked regularly and maintained until construction is complete. If needed, fish salvage shall be performed under the direct supervision of an approved biologist to avoid incidental take from Project activities. Following installation of any water diversion structures, and prior to placement of fill, the approved biologist shall perform surveys for any fish in the Project Area, collect, and transfer native fish, including Pacific lamprey, to the nearest suitable habitat to the work area. During holding and transportation, fish would be held in stream water collected from the Project reach. <ul style="list-style-type: none"> • Before removal and relocation begins, the approved biologist shall identify the most appropriate release location(s). Release locations should offer ample habitat for Pacific lamprey and other native fish 	Less than significant

Table ES-3 Impacts and Mitigation Measures

Impact Number	Impact	Applicable Mitigation Measures	Impact Significance after Mitigation
		<p>and should be selected to minimize the likelihood of reentering the work area.</p> <ul style="list-style-type: none"> Relocation activities shall be performed during the morning when temperatures are coolest. Air and water temperatures would be periodically measured during dewatering activities to ensure native fish that may be present are protected. If Pacific lamprey are relocated, the following procedure shall be used: <ol style="list-style-type: none"> Handling of fish would be minimized. However, when handling is necessary, hands and nets would be wetted prior to handling. Any handled fish would be immediately placed in an aerated container with a lid in cool, shaded water. Aeration would be provided with a battery powered external bubbler. Fish would not be held more than 30 minutes. All handled fish would be moved directly to the nearest suitable habitat in the creek, as identified above. 	
3.4-11	Impacts on wetland habitats.	N/A	Less than significant
3.4-12	Impacts on wildlife corridors and movement in the Project Area.	3.4-11: Native or Migratory Fish or Wildlife Species Avoidance. The Native or Migratory Fish and Wildlife Species, such as North American beaver, North American otter, and other protected species shall be protected from Project staging and operations impacts through monitoring by a qualified biologist. Prior to construction, the Project Area shall be inspected for the presence of these species. If necessary, with consultation with CDFW, appropriate measures shall be taken to avoid and minimize Project impacts to these species. Additional specific measures to protect native or migratory wildlife species, may be required by CDFW under the 1600 series permit for the Project and shall be adhered to by the Project proponent.	Less than significant
3.4-13	Impacts on biological resources from herbicide use.	3.4-12: Implement Herbicide Protective Actions. During all Project activities, herbicides shall only be used by a licensed applicator and shall be applied only to target plants. Herbicides shall not be used within 100 feet of blue elderberry plants.	Less than significant

Table ES-3 Impacts and Mitigation Measures

Impact Number	Impact	Applicable Mitigation Measures	Impact Significance after Mitigation
		<p>In order to avoid and minimize impacts related to herbicide use, use any herbicides during Project activities in accordance with all directions and protective actions listed on the product label of the herbicide being applied.</p> <p>In addition, take the following actions to ensure protection of fish, plant, and bird life during use of the herbicides listed below:</p> <ol style="list-style-type: none"> 1. Glyphosate: <ol style="list-style-type: none"> a. Implement the following US EPA recommendations during Project activities (US EPA, 1993): <ol style="list-style-type: none"> i. For non-aquatic uses, do not apply directly to water, to areas where surface water is present, or to intertidal areas below the mean high water mark. Do not contaminate water when disposing of equipment washwaters and rinsate. ii. For aquatic uses, only end-use products that are registered for aquatic uses. Do not contaminate water when disposing of equipment washwaters and rinsate. Treatment of aquatic weeds can result in oxygen loss from decomposition for dead plants. This loss can cause fish kills. 2. Triclopyr: <ol style="list-style-type: none"> a. As recommended by US EPA, avoid spray drift to prevent toxicity to non-target plants during Project activities (US EPA, 1998). b. Do not apply to open water or wetland areas to prevent toxicity to freshwater fish. 3. Imazapyr: <ol style="list-style-type: none"> a. Implement the following US EPA recommendations during Project activities (US EPA, 2006): <ol style="list-style-type: none"> i. If groundborne application is performed, take the following precautions to minimize potential risk to non-target terrestrial plants, aquatic vascular plants, and threatened and endangered species (US EPA, 2006, p. 33): <ul style="list-style-type: none"> • Use a nozzle height below 4 feet above the ground or plant canopy and coarse or coarser droplet size. (ASABE S572) or, if specifically using a spinning atomizer nozzle, 	

Table ES-3 Impacts and Mitigation Measures

Impact Number	Impact	Applicable Mitigation Measures	Impact Significance after Mitigation
		<ul style="list-style-type: none"> use a volume mean diameter (VMD) of 385 microns or greater. • Do not apply with wind speeds greater than 10 mph. • Do not apply into temperature inversions. 	
		<ul style="list-style-type: none"> b. To minimize potential risk to aquatic vascular plants, do not apply to bodies of water or portions of bodies of water where emergent and/or floating weeds do not exist (US EPA, 2006, p. 32-33). 	
		4. Aminopyralid:	
		<ul style="list-style-type: none"> a. In addition to following all directions and protective actions listed on the product label, apply aminopyralid using hand-spray and spot treatments only (US EPA, 2005a, p. 19). 	
		5. Chlorsulfuron:	
		<ul style="list-style-type: none"> a. To minimize potential harm to non-target plants, implement the following US EPA recommendations during Project activities (US EPA, 2005b, p. 6): <ul style="list-style-type: none"> i. Employ measures to control spray drift. ii. Restrict use to only one application per growing season. 	
		6. Dithiopyr:	
		<ul style="list-style-type: none"> a. Do not apply dithiopyr in or near water due to its toxicity to fish. b. To minimize potential harm to non-target plants, implement the following US EPA recommendations during Project activities (US EPA, 1991, p. 8): <ul style="list-style-type: none"> i. Do not apply dithiopyr aerially. 	
		7. Isoxaben:	
		<ul style="list-style-type: none"> a. To minimize exposure to fish and aquatic invertebrates, implement the following actions (WSDOT, 2006, p. 3): <ul style="list-style-type: none"> i. Do not apply directly to water, to areas where surface water is present, to wetlands, or to Intertidal areas below the mean high water mark. ii. Employ measures to control spray drift. iii. Do not contaminate water when disposing of equipment washwaters and rinsate. 	

Table ES-3 Impacts and Mitigation Measures

Impact Number	Impact	Applicable Mitigation Measures	Impact Significance after Mitigation
Air Quality and Greenhouse Gas Emissions			
3.5-1	Population and/or employment growth that exceeds growth estimates included in the applicable air quality plan.	N/A	Less than significant
3.5-2	Short-term construction emissions of criteria pollutants that contribute to existing or projected air quality violations.	3.5-1: Implementation of Construction Best Management Practices. Project construction activities should implement as feasible and necessary to control dust, the Best Management Practices for construction identified in Section 6.1 of the YSAQMD 2007 CEQA Handbook. Best Management Practices identified to reduce dust emissions include: <ul style="list-style-type: none"> • Water all active construction sites at least twice daily. Frequency should be based on the type of operation, soil, and wind exposure. • Haul trucks shall maintain at least 2 feet of freeboard. • Cover all trucks hauling dirt, sand, or loose materials. • Apply non-toxic binders (e.g., latex acrylic copolymer) to exposed areas after cut and fill operations and hydroseed area. • Apply chemical soil stabilizers on inactive construction areas (disturbed lands within construction projects that are unused for at least four consecutive days). • Plant tree windbreaks on the windward perimeter of construction projects if adjacent to open land. • Plant vegetative ground cover in disturbed areas as soon as possible. • Cover inactive storage piles. • Sweep streets if visible soil material is carried out from the construction site. • Treat accesses to a distance of 100 feet from the paved road with a 6 to 12 inch layer of wood chips or mulch. • Treat accesses to a distance of 100 feet from the paved road with a 6-inch layer of gravel. 	Less than significant

Table ES-3 Impacts and Mitigation Measures

Impact Number	Impact	Applicable Mitigation Measures	Impact Significance after Mitigation
3.5-3	Short-term construction emissions that expose persons to substantial levels of toxic air contaminants.	N/A	Less than significant
3.5-4	Short-term objectionable odors exposure to sensitive receptors due to construction activities.	N/A	Less than significant
3.5-5	Long-term emissions from project maintenance activities.	N/A	Less than significant
3.5-6	Program-related emissions conflict with state goals for reducing greenhouse gas emissions.	N/A	Less than significant
Noise			
3.6-1	Construction-related conflicts with local noise standards.	<p>3.6-1: Noise Reducing Construction Practices. The following mitigation measures shall be implemented to reduce noise impacts of construction activities within 400 feet of residences:</p> <ul style="list-style-type: none"> • Limit construction activities in all cases to 7:00 a.m. to 7:00 p.m. • Configure the construction site in a manner that keeps noisier equipment and activities as far as possible from noise sensitive locations, including the placement of staging areas as far as practicable from nearby residences. • Require that all construction equipment powered by gasoline or diesel engines have sound-control devices that are at least as effective as those originally provided by the manufacturer. • Preventing excessive noise by shutting down idle vehicles or equipment. • When practical, use noise barriers between major construction activities and noise sensitive land uses or take advantage of existing barrier features (e.g., terrain to block sound transmission to noise-sensitive land uses). To be effective, the barriers shall break the line of sight between the noise-sensitive use and on-site construction equipment. • Designate an on-site construction complaint and enforcement 	Potentially significant and unavoidable

Table ES-3 Impacts and Mitigation Measures

Impact Number	Impact	Applicable Mitigation Measures	Impact Significance after Mitigation
		manager for the project and notify neighbors and occupants within 400 feet of the Project construction area at least 30 days in advance of extreme noise generating activities about the estimated duration of the activity.	
3.6-2	Temporary construction noise disturbances to local receptors.	<i>See Mitigation Measure 3.6-1 above.</i>	Potentially significant and unavoidable
Hazards and Hazardous Materials			
3.7-1	Encounter and potential release of undocumented contaminated soil or groundwater during construction.	<p>3.7-1: Procedures if Hazardous Materials Discovered. If evidence of hazardous materials is discovered during Project activities, the Applicant shall notify the appropriate County Environmental Health Services. The Applicant shall test and analyze the materials following proper protocols to determine the presence of hazardous substances prior to making arrangements for off-site reuse/recycling or disposal. Testing shall be performed according to one of the following methods:</p> <ol style="list-style-type: none"> 1. The method recommended by the County Environmental Health Services in the county in which the materials are located. 2. If the County Environmental Health Services does not specify a method, then the potentially hazardous material shall be tested as follows: <ol style="list-style-type: none"> a. Conduct representative sampling of the material in accordance with procedures specified in Section One of "Test Methods for Evaluating Solid Waste, Physical/Chemical Methods" SW-846, 3rd Edition, US EPA (US EPA, 2014; US EPA, 2013). b. Arrange for testing of the material by a laboratory following the analytical procedures outlined in CCR Title 22, Division 4.5. The laboratory performing the testing shall be certified to perform the specific waste analysis by the State of California Department of Environmental Health. c. Deliver samples to the testing laboratory with a "Chain of Custody" type document which indicates the sample type, date 	Less than significant

Table ES-3 Impacts and Mitigation Measures

Impact Number	Impact	Applicable Mitigation Measures	Impact Significance after Mitigation
		and time sample was taken, sample size, source of the waste, quantity of the waste, the type of sample container, place and address of collection, and the name and signature of collector.	
		3. If testing indicates the presence of contamination, then the contaminated materials shall be excavated and disposed of in a permitted off-site disposal facility prior to completion of construction.	
3.7-2	Contamination from accidental release of contaminants from construction equipment (fuels, lubricants, etc.)	<i>See Mitigation Measure 3.2-1, Procedures to Prevent Contamination from Construction Equipment, in the Water Quality section.</i>	Less than significant
3.7-3	Human health hazards from misapplication of herbicides.	<i>See Mitigation Measure 3.4-12, Implement Herbicide Protective Actions, in the Biology section.</i>	Less than significant
3.7-4	Accidental ignition of a wild fire by construction equipment.	3.7-2: Fire Prevention Measures. <ol style="list-style-type: none"> 1. All earthmoving and portable equipment with internal combustion engines shall be equipped with spark arrestors. 2. Work crews shall have appropriate fire suppression equipment available at the work site. 3. On days when the fire danger is high and a burn permit is required (as issued by the relevant Air Pollution Control District), flammable materials, including flammable vegetation slash, shall be kept at least 10 feet away from any equipment that could produce a spark, fire, or flame. 	Less than significant
Land Use			
3.8-1	Potential conflicts with adjacent non-agricultural land uses.	N/A	No impact
3.8-2	Potential conflicts with adjacent agricultural land uses.	3.8-1: Coordinate with Adjacent Landowners and Implement Access Restrictions. The following measures shall be implemented to reduce impacts of restoration on adjacent agricultural lands: <ul style="list-style-type: none"> • The Project sponsor shall coordinate with adjacent landowners providing access and/or storage areas for project construction activities and materials. Access and construction work area plans 	Less than significant

Table ES-3 Impacts and Mitigation Measures

Impact Number	Impact	Applicable Mitigation Measures	Impact Significance after Mitigation
		<p>acceptable to all parties shall be developed prior to the start of any construction abutting potentially affected lands.</p> <ul style="list-style-type: none"> In locations where post-construction access to private agricultural lands by the public may be facilitated by restoration efforts, the Project shall provide warning signage (i.e., Private Property – No Trespassing) and wildlife-friendly fencing along the creek as needed. 	
Aesthetics			
3.9-1	Short-term impacts to views during construction.	3.9-1: Construction Fencing and Educational Signage. In areas where construction activities would be visible to substantial numbers of viewers, SCWA shall place interpretive signage explaining the restoration process and goals. In addition, stockpiles shall be located away from public views and, if that is not feasible, screening fencing shall be placed to limit public views of equipment storage and soil stockpiles from public paths and recreation areas.	Less than significant
3.9-2	Long-term Program impacts on views.	N/A	No impact
Recreation			
3.10-1	Reduction in recreation opportunities during and following project construction.	<p>3.10-1: Provide Alternate Access to High-Use Recreational Sites. The following measures shall be implemented as feasible to reduce impacts of construction access:</p> <ul style="list-style-type: none"> Where feasible, provide alternate trail and creek access where such access would be eliminated due to Project construction. Stage restoration work in high-use areas to permit continued access to parts of reaches that are not undergoing active construction activities. Minimize construction work limits. To the maximum extent feasible, store equipment and soil stockpiles within the active construction zone. If necessary, provide alternate access to picnic areas and formal trails/pathways that avoid the active construction zone. Provide an alternative canoe take out above the Olmo-Hammond-UCD site when boat take-out at that site is interrupted. 	Less than significant

Table ES-3 Impacts and Mitigation Measures

Impact Number	Impact	Applicable Mitigation Measures	Impact Significance after Mitigation
		3.10-2: Implement Applicable Yolo County Recreation Policies, Where Feasible. The Project sponsors shall work closely with Solano and Yolo Counties, University of California, Davis, and adjacent landowners to facilitate their provision of public access and recreational infrastructure into the Proposed Project on public lands and in places where the landowner is a willing participant and where impacts to sensitive biological resources can be avoided.	
Cultural Resources			
3.11-1	Construction impacts to significant cultural resources.	<p>3.11-1: Establish a Buffer. In order to minimize or eliminate the possibility that Project-related ground-disturbances would impact the integrity of the documented site components and/or human remains, a buffer of at least 100 feet shall be defined around the presently-mapped boundaries of each archaeological site. No ground-disturbing Project activities could occur within this buffer or the mapped site boundaries. This would reduce potential impacts to less-than-significant levels.</p> <p>3.11-2: If Unrecorded Cultural Resources are Encountered. If an inadvertent discovery of cultural materials (e.g., unusual amounts of shell, animal bone, glass, ceramics, structure/building remains, dark soil deposits and charcoal, stone implements and flakes, etc.) is made during Project-related construction activities, ground disturbances in the area of the find shall be halted and a qualified professional archaeologist will be notified regarding the discovery. The archaeologist shall determine whether the resource is potentially significant per the CRHR and develop appropriate mitigation to protect the integrity of the resource and ensure that no additional resources are impacted. Mitigation could include, but not necessarily be limited to preservation in-place, archival research, subsurface testing, or contiguous block unit excavation and data recovery.</p>	Less than significant
3.11-2	Construction impacts to human remains.	3.11-3: Human Remains. The county sheriff/coroner is required to examine all discoveries of human remains within 48 hours of receiving notice of a discovery on private or state lands (Health and Safety Code Section 7050.5[b]). If the coroner determines that the remains are those	Less than significant

Table ES-3 Impacts and Mitigation Measures

Impact Number	Impact	Applicable Mitigation Measures	Impact Significance after Mitigation
		<p>of a Native American, he or she must contact the NAHC by phone within 24 hours of making that determination (Health and Safety Code Section 7050[c]).</p> <p>Following the coroner's findings, the property owner, contractor or Project proponent, an archaeologist, and the NAHC-designated MLD shall determine the ultimate treatment and disposition of the remains and take appropriate steps to ensure that additional human interments are not disturbed. The responsibilities for acting upon notification of a discovery of Native American human remains are identified in PRC Section 5097.9.</p> <p>The landowner shall ensure that the immediate vicinity (according to generally accepted cultural or archaeological standards and practices) is not damaged or disturbed by further development activity until consultation with the MLD has taken place. The MLD shall have 48 hours to complete a site inspection and make recommendations after being granted access to the site. A range of possible treatments for the remains, including nondestructive removal and analysis, preservation in place, relinquishment of the remains and associated items to the descendants, or other culturally appropriate treatment may be discussed. Assembly Bill (AB) 2641 suggests that the concerned parties may extend discussions beyond the initial 48 hours to allow for the discovery of additional remains. AB 2641(e) includes a list of site protection measures and states that the landowner shall comply with one or more of the following:</p> <ul style="list-style-type: none"> • Record the site with the NAHC or the appropriate Information Center; • Utilize an open-space or conservation zoning designation or easement; and/or • Record a document with the county in which the property is located. <p>The landowner or their authorized representative shall rebury the Native American human remains and associated grave goods with appropriate dignity on the property in a location not subject to further subsurface</p>	

Table ES-3 Impacts and Mitigation Measures

Impact Number	Impact	Applicable Mitigation Measures	Impact Significance after Mitigation
		disturbance if the NAHC is unable to identify a MLD or the MLD fails to make a recommendation within 48 hours after being granted access to the site. The landowner or their authorized representative may also re-inter the remains in a location not subject to further disturbance if they reject the recommendation of the MLD, and mediation by the NAHC fails to provide measures acceptable to the landowner. Adherence to these procedures and other provisions of the California Health and Safety Code and AB 2641(e) will reduce potential impacts to human remains to a less-than-significant level.	
Transportation/Traffic			
3.12-1	Construction conflicts with Yolo or Solano County transportation planning policies.	N/A	Less than significant
3.12-2	Substantial increase in roadway hazards during construction.	N/A	Less than significant
3.12-3	Adverse effects on emergency access during construction.	N/A	No impact
3.12-4	Adverse effects on public transit, bicycle, or pedestrian facilities.	N/A	No impact
Public Services			
3.13-1	Increased demand for police services during or after construction.	N/A	Less than significant
3.13-2	Increased demand for fire services during or after construction.	N/A	Less than significant
Utilities and Service Systems			
3.14-1	Potential impacts on storm water drainage facilities.	<i>See Mitigation Measure 3.1-2, Standards for Modification or Replacement of Storm Drains, in the Hydrology section.</i>	Less than significant
3.14-2	Impacts on landfill capacity due to construction waste.	N/A	Less than significant
3.14-3	Construction impacts to pipelines and electrical lines.	3.14-1: Locate and Avoid Buried Pipelines. In accordance with state Government Code Section 4216 et seq. and guidance issued by the U.S. Department of Transportation Pipeline & Hazardous Materials Safety	Less than significant

Table ES-3 Impacts and Mitigation Measures

Impact Number	Impact	Applicable Mitigation Measures	Impact Significance after Mitigation
		<p>Administration (PHMSA), the Project applicant and excavator will contact the regional notification center at least two working days, but not more than 14 calendar days, prior to commencing that excavation. If practical, the excavator shall delineate the area to be excavated with white paint or other suitable markings.</p> <p>In accordance with Government Code Section 4216.4, if consultation with the regional notification center indicates a Project excavation is near a pipeline, then the excavator shall determine the exact location of the pipeline by excavating with hand tools before using any power-operated or power-driven excavating or boring equipment. However, power-operated or power-driven equipment may be used for the removal of any existing pavement if there are no subsurface installations contained in the pavement.</p> <p>If documented notice of the intent to use vacuum excavation devices, or power-operated or power-driven excavating or boring equipment, has been provided to the pipeline operator, and it is mutually agreeable with the operator and the excavator, the excavator may utilize vacuum excavation devices, or power-operated or power-driven excavating or boring equipment within the approximate location of a pipeline.</p> <p>If the exact location of the pipeline cannot be determined by hand excavating, the excavator shall request the pipeline operator to provide additional information, to enable the excavator to determine the exact location of the installation.</p> <p>In the event Project activities discover damage or cause damage to a pipeline installation, including all breaks, leaks, nicks, dents, gouges, grooves, or other damage, to lines, conduits, coatings, or cathodic protection, the Project applicant and excavator shall immediately notify the pipeline operator. If a pipeline is damaged and the operator cannot be contacted, the excavator shall call 911 emergency services.</p>	

**ACTION OF
SOLANO COUNTY WATER AGENCY**

DATE: June 8, 2017

SUBJECT: Water Agency Fiscal Year 2017-2018 Budget

RECOMMENDATION:

Approve the Solano County Water Agency Fiscal Year 2017-2018 Budget.


FINANCIAL IMPACT:

Not applicable.

BACKGROUND:

On May 31, 2017 the Executive Committee reviewed the proposed fiscal year 2017-2018 budget prepared by staff. The Executive Committee recommends the Board adopt the proposed fiscal year 2017-2018 budget. The proposed budget and supporting documents are attached.

Recommended: _____


Roland Sanford, General Manager

☐

Approved as
Recommended

☐

Other
(see below)

☐

Continued on
next page

Modification to Recommendation and/or other actions:

I, Roland Sanford, General Manager and Secretary to the Solano County Water Agency, do hereby certify that the foregoing action was regularly introduced, passed, and adopted by said Board of Directors at a regular meeting thereof held on June 8, 2017 by the following vote.

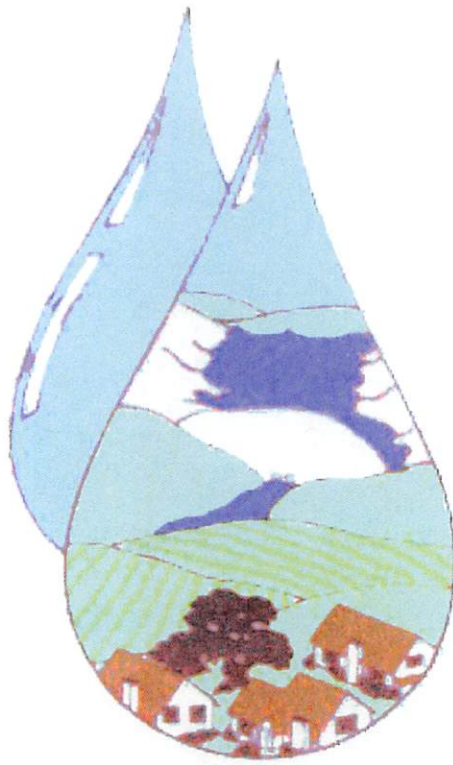
Ayes:

Noes:

Abstain:

Absent:

Roland Sanford
General Manager & Secretary to the
Solano County Water Agency



Solano County Water Agency
Fiscal Year 2017-2018
Proposed Budget

SOLANO COUNTY WATER AGENCY



General Manager's Budget Message

FY 2017/18 Proposed Budget June 2017

The Water Agency's financial position remains strong despite significant capital expenditures in FY 2016/2017 – most notably, the \$6,900,000 Petersen Ranch purchase. The Water Agency's cumulative fund balance at the close of FY 2016/17 is projected to be \$36,860,658, a net decrease of \$4,417,064 from the prior fiscal year. As discussed below, the proposed FY 2017/2018 budget includes significant one-time and short term expenditures that will require substantial withdraws from reserves. As proposed, total FY 2017/2018 expenditures (\$40,104,907) exceed total anticipated FY 2017/2018 revenues (\$33,238,271), with the difference (\$6,866,636) to be withdrawn from reserves.

The proposed FY 2017/2018 budget has been constructed around the goals and objectives set forth in the SCWA 2016-2025 Strategic Plan, but also reflects and addresses the challenges and opportunities associated with the record setting wet weather experienced this last rainy season, delayed approval of the Solano Habitat Conservation Plan, and the State Water Resources Control Board's ongoing update of the 2006 Bay Delta Plan. A summary of projected FY 2017/2018 expenses and revenues, along with long-term expense and revenue trends is presented in the following charts and tables. Key budget items to be funded via withdraws from reserves are as follows

Strategic Plan Goals and Objectives

The proposed FY 2017-2018 budget includes \$250,000 for a County wide current-future water needs analysis and preparation of the SCWA Water Management Plan, as well as \$241,000 for technical investigations in support of the North Bay Aqueduct Alternate Intake project, and \$300,000 for technical studies to support water management planning in the Yolo Bypass/Cache Slough Complex.

Flood Management

The recent winter storms caused significant flooding in portions of Solano County and a number of maintenance issues – primarily bank erosion – along portions of the Ulati Flood Control Project and the Green Valley Flood Control Project. Accordingly, the proposed FY 2017/2018 budget includes increased expenditures – approximately \$1,300,000 over the prior fiscal year - to address flood management (approximately \$1,700,000 in FY 2016-2017 versus \$3,000,000 in FY 2017/2018). Additional appropriations from reserves may be warranted, pending Board direction at the Board's forthcoming flood management workshops.

Solano Habitat Conservation Plan (HCP)

The Draft Solano Project Habitat Conservation Plan is in the hands of the United States Fish and Wildlife Service (Service), awaiting the Service's review and approval. It was anticipated that the plan would be approved by the Service in FY 2016-2017 and therefore, significant expenditures, including \$3,000,000 for conservation easements, were programed into the FY 2016-2017 budget. These expenditures did not occur and are now included in the proposed FY 2017/2018 budget

State Water Resources Control Board Update of 2006 Bay-Delta Plan

The State Water Resources Control Board (SWRCB) has begun what will be a lengthy and contentious update of the 2006 Bay-Delta Plan. In short, the SWRCB is seeking to increase stream flows into and through the Bay-Delta to stabilize if not enhance the ecology of the Bay-Delta. The additional water would come from existing water right holders, most notably, reservoirs located on the tributaries of the Sacramento and San Joaquin rivers – one of which is Lake Berryessa. The proposed FY 2017-2018 budget includes \$545,000 for technical studies to investigate options for minimizing the potential water supply impacts of the SWRCB's Bay Delta Plan Update to the Lake Berryessa water supply.

OPEB Liability

In April 2017 the Water Agency Board of Directors authorized the establishment of an OPEB (Other Post Retirement Employee Benefits) Trust Account to fund future OPEB liabilities. The Board also approved the transfer of \$730,000 from reserves to the Trust Account - \$500,000 of which was to "pay down" the accumulated unfunded OPEB liability (estimated to be \$1,829,000), and the remaining \$230,000 to pay the estimated current year OPEB liability. Staff is proposing to continue paying down the accumulated OPEB liability, along with the estimated current year OPEB liability - \$750,000 has been programed into the proposed FY 2017-2018 budget for this purpose.

Figure 1

Summary of Revenues

FY 2017-2018

Total Revenues - \$33,238,271

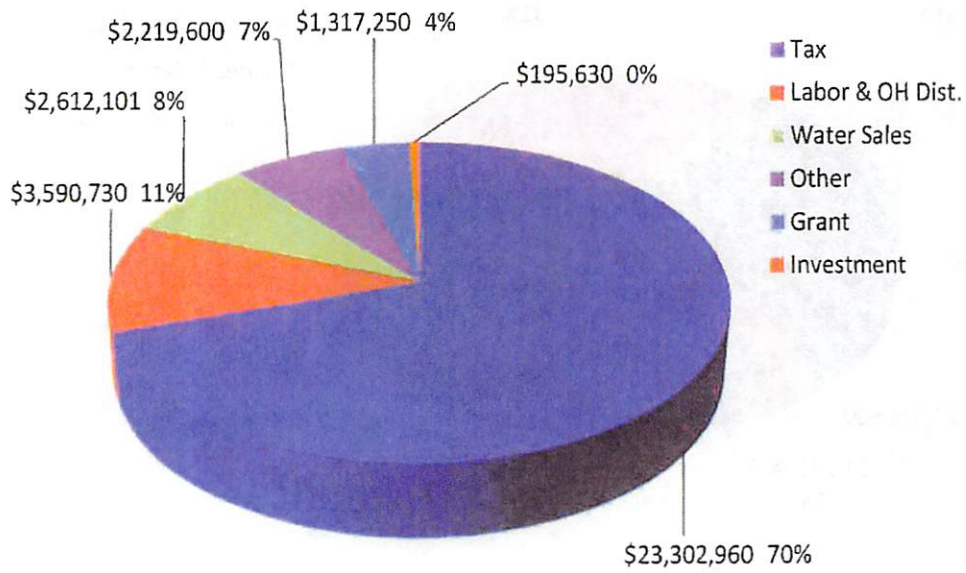


Figure 2

**Summary of Expenditures
FY 2017-2018
Total Expenditures - \$40,104,907**

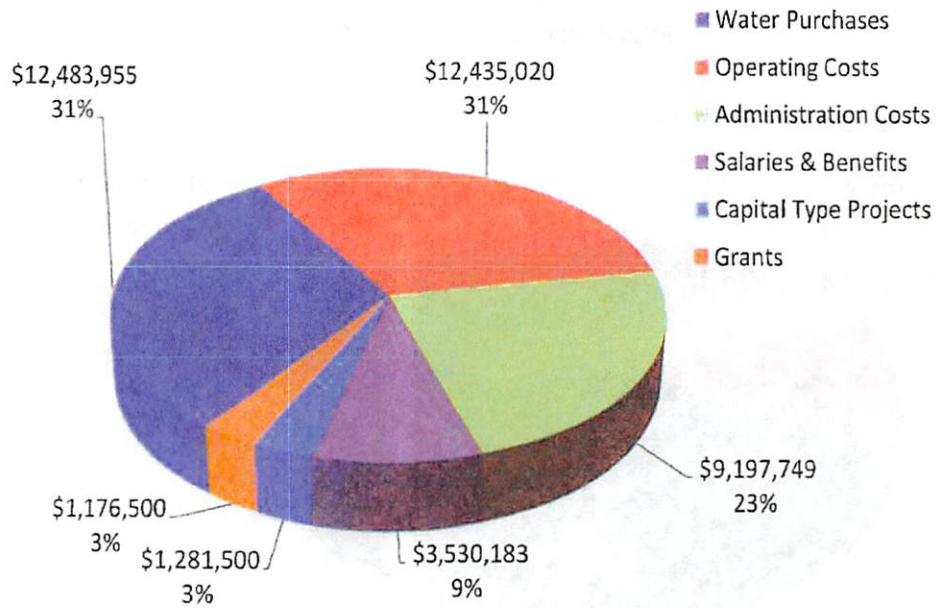


Figure 3

Operating Income and Expense

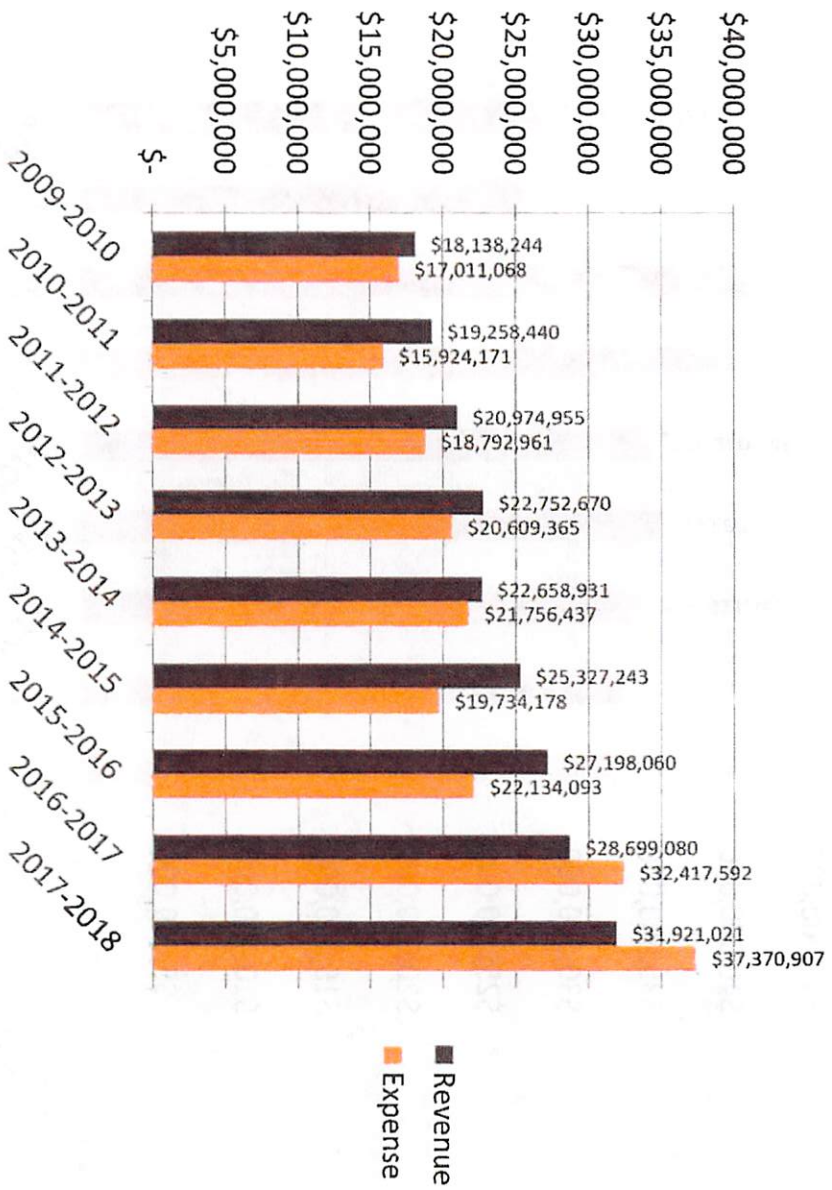
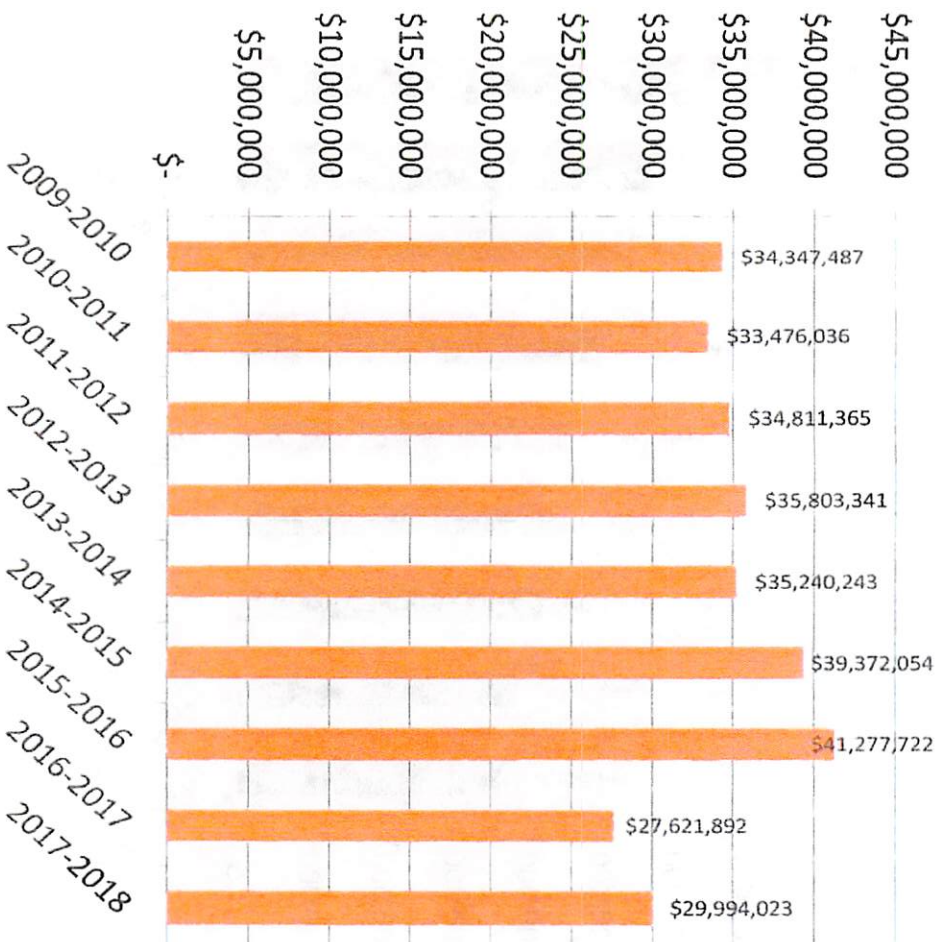


Figure 4

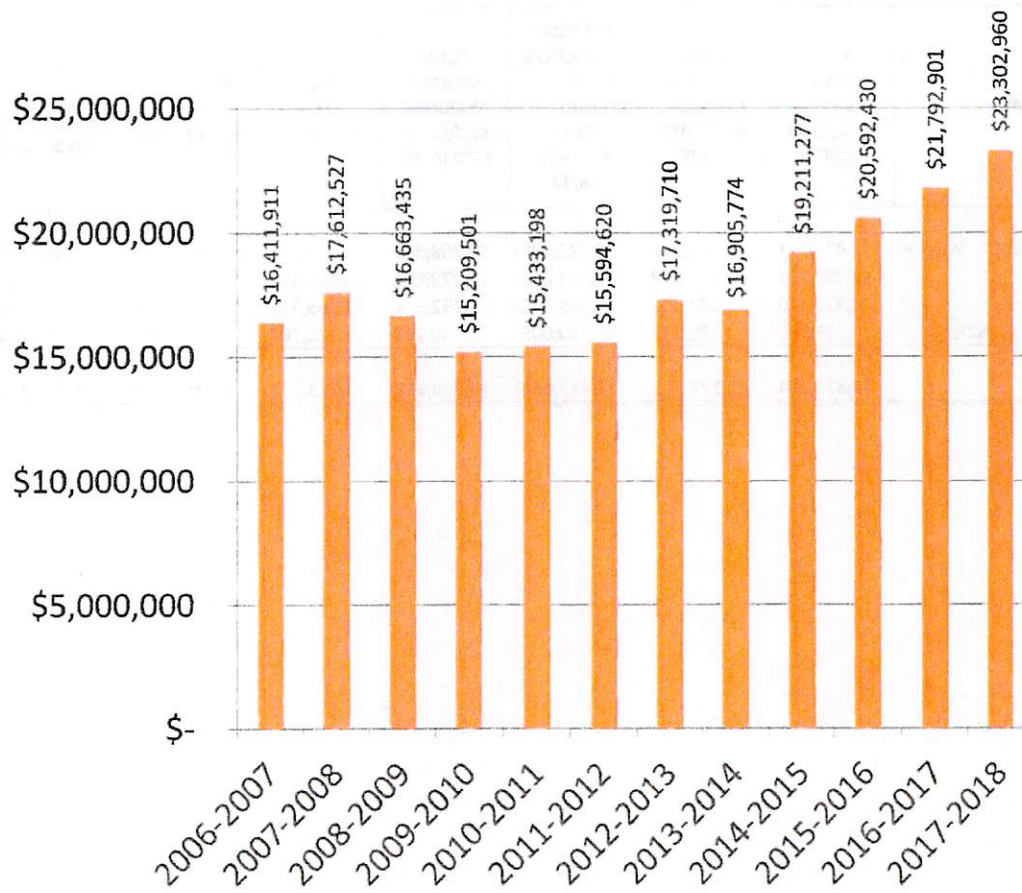
Cumulative Fund Balance



Note: Data for 2016-2017 and 2017-2018 are estimates, all other data are audited actuals

Figure 5

Property Tax Revenue



Note: Data for 2016-2017 and 2017-2018 are estimates, all other data are audited actuals

**SOLANO COUNTY WATER AGENCY
SCHEDULE 1
ALL FUNDS SUMMARY
FY 2017/18**

FUND NAME	FUND BALANCE AVAILABLE 6/30/2015 AUDITED	FUND BALANCE AVAILABLE 6/30/2016 AUDITED	YEAR END PROJECTION INCREASE/ DECREASE TO FUND BALANCE 16/17	FUND BALANCE AVAILABLE 6/30/2017 ESTIMATED	PROPOSED 17/18 REVENUES	PROPOSED 17/18 EXPENDITURES	PROPOSED INCREASE/ DECREASE TO FUND BALANCE	PROPOSED FUND BALANCE 6/30/2018
ADMIN - SOLANO PROJECT - WM	22,431,121	21,731,175	(3,022,786)	18,708,389	16,156,737	23,575,144	(7,418,407)	11,289,982
STATE WATER PROJECT	12,150,127	14,213,249	(1,933,648)	12,279,601	15,666,101	15,326,808	339,294	12,618,894
ULATIS FLOOD CONTROL	4,775,440	5,263,006	469,365	5,732,371	1,285,726	1,004,813	280,914	6,013,285
GREEN VALLEY FLOOD CONTROL	15,366	70,292	70,005	140,297	129,707	198,143	(68,436)	71,861
Total All FUNDS	39,372,054	41,277,722	(4,417,064)	36,860,658	33,238,271	40,104,907	(6,866,636)	29,994,023

**SOLANO COUNTY WATER AGENCY
SCHEDULE 2
ALL FUNDS SUMMARY - BY FUNDS
FY 2017/18**

DETAIL BY FUND REVENUE CATEGORY AND FUND EXPENDITURE CATEGORY	2014/15 ACTUAL	2015/16 ACTUAL	2016/17 ADOPTED BUDGET	2017/18 PROPOSED	FROM ADOPTED TO PROPOSED	PERCENT CHANGED
Revenues						
Admin-Solano Project-Watermaster	12,543,718	12,752,214	14,391,778	16,156,737	1,764,959	12%
State Water Project	13,079,413	13,758,222	14,394,526	15,666,101	1,271,575	9%
Ulati Flood Control	1,120,175	1,151,518	1,205,967	1,285,726	79,759	7%
Green Valley Flood Control	105,223	105,774	126,334	129,707	3,373	3%
Total Revenues	26,848,528	27,767,728	30,118,606	33,238,271	3,119,665	10%
Expenditures						
Admin-Solano Project-Watermaster	10,327,128	13,452,160	24,659,914	23,575,144	(1,084,769)	-4%
State Water Project	11,247,982	11,695,100	17,423,459	15,326,808	(2,096,651)	-12%
Ulati Flood Control	520,263	663,952	936,720	1,004,813	68,093	7%
Green Valley Flood Control	82,473	50,848	120,100	198,143	78,043	65%
Total Expenditures	22,177,846	25,862,059	43,140,192	40,104,907	(3,035,286)	-7%
Net						
Admin-Solano Project-Watermaster	2,216,590	(699,946)	(10,268,135)	(7,418,407)	2,849,728	-28%
State Water Project	1,831,430	2,063,121	(3,028,932)	339,294	3,368,226	-111%
Ulati Flood Control	599,912	487,567	269,247	280,914	11,667	4%
Green Valley Flood Control	22,750	54,926	6,234	(68,436)	(74,670)	-1198%
Total Net	4,670,681	1,905,668	(13,021,587)	(6,866,636)	6,154,951	-47%

**SOLANO COUNTY WATER AGENCY
SCHEDULE 3
ALL FUNDS SUMMARY - BY ACTIVITY
FY 2017/18**

DETAIL BY REVENUE CATEGORY AND EXPENDITURE CATEGORY	2014/15 ACTUAL	2015/16 ACTUAL	2016/17 ADOPTED BUDGET	2017/18 PROPOSED	FROM ADOPTED TO PROPOSED	PERCENT CHANGED
Revenues						
Taxes	19,211,277	20,592,430	21,792,901	23,302,960	1,510,059	7%
Water Sales	2,444,535	2,443,675	2,487,101	2,612,101	125,000	5%
Grant Revenues	1,521,285	569,668	1,419,525	1,317,250	(102,275)	-7%
Investment Income	55,497	139,926	82,376	195,630	113,254	137%
Labor & Ovhd Distr.	2,665,973	2,806,624	2,580,014	3,590,730	1,010,716	39%
Other Revenue	949,961	1,215,405	1,756,688	2,219,600	462,912	26%
Total Revenues	26,848,528	27,767,728	30,118,606	33,238,271	3,119,665	10%
Expenditures						
Salaries and Employee Benefits	2,186,190	2,170,678	3,425,400	3,530,183	104,783	3%
Services and Supplies	681,606	819,576	923,963	986,068	62,105	7%
Operations & Maintenance	3,381,685	3,874,944	4,809,386	6,756,521	1,947,135	40%
LPCCC Operations	1,012,721	1,093,167	2,100,696	1,626,356	(474,341)	-23%
Rehab & Betterment	304,693	2,699,108	1,055,000	890,000	(165,000)	-16%
Water Purchases	9,069,737	10,112,942	11,591,025	12,483,955	892,930	8%
Grant Expenditures	1,932,239	592,915	1,381,050	1,176,500	(204,550)	-15%
Flood Control	107,109	139,982	719,300	2,006,883	1,287,583	179%
HCP Planning	572,898	508,262	3,577,206	3,732,579	155,373	4%
Water Conservation	1,826,434	2,123,096	2,506,561	2,472,219	(34,342)	-1%
Consultants	895,798	1,291,446	2,764,055	3,776,144	1,012,089	37%
Capital Expenditures	206,735	423,943	8,035,550	391,500	(7,644,050)	-95%
Contingency	-	12,000	251,000	276,000	25,000	10%
Total Expenditures	22,177,846	25,862,059	43,140,192	40,104,907	(3,035,286)	-7%
Total Net	4,670,681	1,905,668	(13,021,587)	(6,866,636)	6,154,951	-47%

³ Includes \$500,000 for paydown of the unfunded retiree health obligation and \$250,000 for the 2017/18 annual contribution for retiree health.

⁴ Includes \$3,000,000 for HCP mitigation easements.

Solano County Water Agency
All Fund Summary - By Operating & Non-Operating

**SOLANO COUNTY WATER AGENCY
SCHEDULE 4
ALL FUNDS SUMMARY - BY OPERATING & NON-OPERATING
FY 2017/18**

DETAIL BY OPERATING REVENUE AND EXPENDITURE CATEGORY AND NON- OPERATING REVENUE AND EXPENDITURES CATEGORY	2014/15 ACTUAL	2015/16 ACTUAL	2016/17 ADOPTED BUDGET	2017/18 PROPOSED	FROM ADOPTED TO PROPOSED	PERCENT CHANGED
Operating Revenues						
Taxes	19,211,277	20,592,430	21,792,901	23,302,960	1,510,059	7%
Water Sales	2,444,535	2,443,675	2,487,101	2,612,101	125,000	5%
Investment Income	55,497	139,926	82,376	195,630	113,254	137%
Labor & Ovhd Distr.	2,665,973	2,806,624	2,580,014	3,590,730	1,010,716	39%
Other Revenue	949,961	1,215,405	1,756,688	2,219,600	462,912	26%
Total Operating Revenues	25,327,242	27,198,060	28,699,080	31,921,021	3,221,941	11%
Operating Expenditures						
Salaries and Employee Benefits	2,186,190	2,170,678	3,425,400	3,530,183	104,783	3%
Services and Supplies	681,606	819,576	923,963	986,068	62,105	7%
Operations & Maintenance	3,381,685	3,874,944	4,809,386	6,756,521	1,947,135	40%
LPCCC Operations	1,012,721	1,093,167	2,100,696	1,626,356	(474,341)	-23%
Water Purchases	9,069,737	10,112,942	11,591,025	12,483,955	892,930	8%
Flood Control	107,109	139,982	719,300	2,006,883	1,287,583	179%
HCP Planning	572,898	508,262	3,577,206	3,732,579	155,373	4%
Water Conservation	1,826,434	2,123,096	2,506,561	2,472,219	(34,342)	-1%
Consultants	895,798	1,291,446	2,764,055	3,776,144	1,012,089	37%
Total Operating Expenditures	19,734,178	22,134,093	32,417,592	37,370,907	4,953,314	15%
Net Operating	5,593,064	5,063,967	(3,718,512)	(5,449,886)	(1,731,374)	47%
Non-Operating Revenues						
Grant Revenues	1,521,285	569,668	1,419,525	1,317,250	(102,275)	-7%
Total Non-Operating Revenues	1,521,285	569,668	1,419,525	1,317,250	(102,275)	-7%
Non-Operating Expenditures						
Rehab & Betterment	304,693	2,699,108	1,055,000	890,000	(165,000)	-16%
Grant Expenditures	1,932,239	592,915	1,381,050	1,176,500	(204,550)	-15%
Capital Expenditures	206,735	423,943	8,035,550	391,500	(7,644,050)	-95%
Contingency	-	12,000	251,000	276,000	25,000	10%
Total Non-Operating Expenditures	2,443,668	3,727,966	10,722,600	2,734,000	(7,988,600)	-75%
Net Non-Operating	(922,383)	(3,158,299)	(9,303,075)	(1,416,750)	7,886,325	-95%
Net Operating and Non-Operating	4,670,681	1,905,668	(13,021,587)	(6,866,636)	6,154,951	-47%

**SOLANO COUNTY WATER AGENCY
SCHEDULE 5
SOLANO PROJECT REHAB & BETTERMENT
FY 2017/18**

FUND	DESCRIPTION	TOTAL AMOUNT	PLANNED 2017-18	PROPOSED 2018-19	PROPOSED 2019-20	PROPOSED 2020-21	PROPOSED 2021-22
SP	PSC Drainage Rehab and Improvement	80,000	20,000	15,000	15,000	15,000	15,000
SP	PSC Data Management & Automation	170,000	30,000	35,000	35,000	35,000	35,000
SP	Road Gravel and Turn-Around Improvements	375,000	75,000	75,000	75,000	75,000	75,000
SP	PSC Panel Replacement & Rehab	625,000	225,000	100,000	100,000	100,000	100,000
SP	PDO Renovation	50,000	10,000	10,000	10,000	10,000	10,000
SP	PSC Check Screen Cleaners	325,000	50,000	50,000	75,000	75,000	75,000
SP	PSC Headworks Improvements	470,000	120,000	200,000	150,000	-	-
SP	PDD Gate Rehab	1,150,000	350,000	200,000	200,000	200,000	200,000
SP	PDO Solar Installation	150,000	-	-	-	150,000	-
SP	PSC Shallow Monitoring Wells	150,000	-	-	-	150,000	-
SP	Solano Project Electrical Upgrade	200,000	-	-	75,000	75,000	50,000
SP	Reservoir Lane/Terminal Reservoir Paving	300,000	-	-	-	300,000	-
	Total Solano Project Rehab & Betterment	4,045,000	880,000	685,000	735,000	1,185,000	560,000

**SOLANO COUNTY WATER AGENCY
SCHEDULE 6
BUDGET PROJECTIONS**

DETAIL BY REVENUE CATEGORY AND EXPENDITURE CATEGORY	2015/16 ACTUAL	2016/17 ADOPTED	2016/17 YEAR END PROJECTED BUDGET	2017/18 PROPOSED	2018/19 PROPOSED	2019/20 PROPOSED	2020/21 PROPOSED
Revenues							
Taxes	20,592,430	21,792,901	22,224,305	23,302,960	23,519,595	23,738,179	23,958,949
Water Sales	2,443,675	2,487,101	2,441,358	2,612,101	2,612,101	2,612,101	2,612,101
Grant Revenues	569,668	1,419,525	524,550	1,317,250	455,000	311,000	126,750
Investment Income	139,926	82,376	240,954	195,630	215,705	215,705	216,705
Labor & Ovhd Distr.	2,806,624	2,580,014	2,730,649	3,590,730	3,686,068	3,941,905	4,255,794
Other Revenue	1,215,405	1,756,688	1,164,672	2,219,600	1,181,552	454,600	334,600
Total Revenues	27,767,728	30,118,606	29,326,488	33,238,271	31,670,021	31,273,490	31,504,899
Expenditures							
Salaries and Employee Benefits	2,170,678	3,425,400	3,171,322	3,530,183	3,761,633	3,448,346	3,652,280
Services and Supplies	819,576	923,963	861,982	986,068	939,816	941,963	954,588
Operations & Maintenance	3,874,944	4,809,386	4,713,061	6,756,521	6,394,272	6,504,376	6,718,283
LPCCC Operations	1,093,167	2,100,696	966,626	1,626,356	994,096	1,052,462	849,608
Rehab & Betterment	2,699,108	1,055,000	100,000	890,000	645,000	645,000	645,000
Water Purchases	10,112,942	11,591,025	11,502,184	12,483,955	12,853,343	12,769,007	12,805,819
Grant Expenditures	592,915	1,381,050	486,600	1,176,500	459,000	435,000	205,500
Flood Control	139,982	719,300	240,795	2,006,883	415,545	399,728	409,462
HCP Planning	508,262	3,577,206	537,898	3,732,579	668,202	678,762	690,987
Water Conservation	2,123,096	2,506,561	1,897,459	2,472,219	2,167,172	1,905,282	1,925,679
Consultants	1,291,446	2,764,055	1,792,470	3,776,144	2,639,701	2,254,951	2,267,467
Fixed Assets	423,943	8,035,550	7,473,154	391,500	65,000	65,000	65,000
Contingency	12,000	251,000	-	276,000	276,000	276,000	276,000
Total Expenditures	25,862,059	43,140,192	33,743,551	40,104,907	32,278,780	31,375,877	31,465,673
Total Net	1,905,668	(13,021,587)	(4,417,063)	(6,866,636)	(608,759)	(102,387)	39,225

Key Budget Projection Assumptions

1. Projected property tax increase of 3% per year, a conservative approach to the 10 year average of 3%.
2. Salary and Employee Benefits are increased by 2%.
3. Grant expenditures are paid 100% from grant revenues and due to the unpredictability of implementation timing they have been excluded from projections.

**SOLANO COUNTY WATER AGENCY
SCHEDULE 7
BUDGET PROJECTIONS**

FUND NAME	FUND BALANCE JUNE 30, 2015 (AUDITED)	FUND BALANCE JUNE 30, 2016 (AUDITED)	YEAR END PROJECTION INCREASE/ DECREASE TO FUND BALANCE 16/17	FUND BALANCE JUNE 30, 2017 YEAR END PROJECTION	PROPOSED INCREASE/ DECREASE TO FUND BALANCE 17/18	FUND BALANCE JUNE 30, 2018 PROPOSED	FUND BALANCE JUNE 30, 2019 PROJECTED	FUND BALANCE JUNE 30, 2020 PROJECTED	FUND BALANCE JUNE 30, 2021 PROJECTED
ADMIN - SOLANO PROJECT - WM	22,431,121	21,731,175	(3,022,786)	18,708,389	(7,418,407)	11,289,982	9,826,321	8,584,464	7,458,466
STATE WATER PROJECT	12,150,127	14,213,249	(1,933,648)	12,279,601	339,294	12,618,894	13,063,947	13,763,870	14,500,871
ULATIS FLOOD CONTROL	4,775,440	5,263,006	469,365	5,732,371	280,914	6,013,285	6,454,511	6,930,370	7,400,138
GREEN VALLEY FLOOD CONTROL	15,366	70,292	70,005	140,297	(68,436)	71,861	40,485	4,173	(37,372)
Total All FUNDS	39,372,054	41,277,722	(4,417,064)	36,860,658	(6,866,636)	29,994,023	29,385,264	29,282,877	29,322,102

GENERAL FUND-FUND PURPOSE

The Administration-Solano Project-Watermaster (ASW) fund is comprised of three sub funds; Administration, Solano Project, and Watermaster. Unlike the Water Agency's State Water Project, Ulati and Green Valley funds, which for accounting purposes are defined as "restricted" funds, the ASW is a "general fund" and therefore, the monies within the ASW fund can be used for any purpose – flood control, groundwater monitoring, water conservation, etc.

FUNCTION AND RESPONSIBILITIES

Administration – The Administration sub fund provides human resource and other administrative support for SCWA staff and also encompasses flood control, groundwater monitoring, Integrated Regional Water Management Planning, and water conservation activities.

Solano Project - The Solano Project sub fund is used to manage the Solano Project water supply, including operation and maintenance of the Solano Project facilities – Monticello Dam, the Putah Diversion Dam, and the Putah South Canal – compliance with the Putah Creek Accord and a variety of technical studies and administrative functions in support of the Lower Putah Creek Coordinating Committee (LPCCC), and implementation of the Solano Habitat Conservation Plan (HCP).

Watermaster – The Watermaster sub fund is used to implement the Condition 12 water rights settlement in the Lake Berryessa watershed

FUND DETAIL COMMENTS**Revenues**

Property Taxes - FY 17/18 tax revenues are projected to increase 3% from the prior fiscal year.

Grant Revenue – SCWA has applied for and is expected to receive a \$38K grant from the U.S. Fish & Wildlife Service, in addition to two ongoing grants; the Boating & Waterways grant and Cities Oil grant.

Interest Earnings – Interest earnings have nearly doubled due to higher interest rates and investing in higher yield instruments (CD's).

Labor & Overhead Distribution – The increase reflects decreased management and administrative tasks, which are not included in fund redistributions, and more project related labor.

Other Revenue Sources – Projected to increase over the prior fiscal year and includes \$570,000 for water conservation funding, \$160,000 funding for the Brownfields Coalition Assessment, and \$500,000 for the Rio Vista Flood Wall Feasibility Study reimbursement.

Expenditures

Salaries & Benefits – Last year was the first fiscal year in which money - \$730,000 - was set aside in a trust account for the purposes of funding future OPEB costs. Over the next two fiscal years staff is proposing to “pay down” the balance of the estimated accumulated unfunded liability (approximately \$1,829,000) and keep current with estimated annual OPEB costs. Accordingly, the proposed FY 17/18 budget once again includes \$500,000 to be set aside in the OPEB trust fund, to further reduce the current unfunded OPEB liability, and \$250,000 for the estimated “current year” OPEB costs

Operations & Maintenance – Funding has been increased to address storm damage that occurred in early 2017 and additional technical studies.

LPCCC Operations - The decrease 23% is primarily due to permitting delays and in turn, delayed construction of habitat restoration projects.

Rehab & Betterment - Rehab and Betterment expenditures are projected to decrease by 17% from the prior fiscal year, due in large part to the completion of the Putah South Canal headworks screen project, which was the most expensive capital improvement project undertaken by SCWA to date.

Flood Control – Funding has been increased to address storm damage that occurred in early 2017 and in anticipation of increased flood management activities.

HCP – Purchase of a \$3,000,000 Conservation Easement was anticipated in FY 16/17 but subsequently delayed, and is now anticipated to occur in FY 17/18.

Consultants – Funding has been increased in anticipation of several new technical studies related to the operation of the Solano Project and the State Water Resources Control Board’s ongoing update of the 2016 Bay-Delta Plan.

Fixed Assets – Funding has been included for the purchase of three replacement vehicles, purchase of Simplivity computer servers, office expansion, a Mobile Wash Station for ongoing Quagga Mussel control at Lake Berryessa, ADCP Flow Sensors, and a Trailer Billboard. In FY 16/17 the Water Agency purchased the 1,600 acre Petersen Ranch, half of the purchase price (approximately \$3,500,000) charged to the ASW fund.

(GENERAL FUND)**ADMINISTRATION – SOLANO PROJECT - WATERMASTER**

DETAIL BY REVENUE CATEGORY AND EXPENDITURE CATEGORY	2014/15 ACTUAL	2015/16 ACTUAL	2016/17 ADOPTED BUDGET	2017/18 PROPOSED	FROM ADOPTED TO PROPOSED	PERCENT CHANGED
Revenues						
Taxes	7,717,856	8,168,228	8,657,500	8,888,027	230,527	3%
Grants	1,111,285	405,668	1,279,000	1,317,250	38,250	3%
Investment Income	42,053	89,026	58,576	116,130	57,554	98%
Labor & Ovhd Distribution	2,665,973	2,806,624	2,580,014	3,590,730	1,010,716	39%
Water Sales	64,168	68,846	65,000	65,000	-	0%
Other Revenue Sources	942,382	1,213,821	1,751,688	2,179,600	427,912	24%
Total Revenues	12,543,718	12,752,214	14,391,778	16,156,737	1,764,959	12%
Expenditures						
Salaries & Benefits	2,186,190	2,170,678	3,425,400	3,530,183	104,783	3%
Services and Supplies	563,659	685,717	789,163	851,168	62,005	8%
Operations and Maintenance	2,175,843	2,923,336	3,700,933	4,686,291	985,359	27%
LPCCC Operations	1,012,721	1,093,167	2,100,696	1,626,356	(474,341)	-23%
Rehab & Betterment	304,693	2,699,108	1,000,000	830,000	(170,000)	-17%
Grant Expenditures	1,111,285	264,915	1,100,000	1,176,500	76,500	7%
Water Conservation	1,367,217	1,629,251	1,741,111	1,593,542	(147,569)	-8%
Flood Control	107,109	139,982	719,300	2,006,883	1,287,583	179%
HCP	572,898	508,262	3,577,206	3,732,579	8,897	4%
Consultants	802,609	1,106,376	2,095,555	3,010,644	915,089	44%
Fixed Assets	122,903	231,368	4,210,550	331,000	(3,329,550)	-79%
Contingency	-	-	200,000	200,000	-	0%
Total Expenditures	10,327,128	13,452,160	24,659,914	23,575,144	(534,769)	-2%
Net Change	2,216,590	(699,946)	(10,268,135)	(7,418,407)	2,299,728	-22%

See Pages 15 and 16 for comments and budget notes

FUND PURPOSE

This fund encompasses all expenses and revenues associated with SCWA's State Water Project water supply.

FUNCTION AND RESPONSIBILITIES

SCWA is responsible for purchasing water from the State Water Project for resale to cities in Solano County. The water is delivered via the North Bay Aqueduct (NBA), which originates in Barker Slough and terminates in Napa County (Napa County has a similar State Water Project water supply contract, for NBA deliveries to Napa County constituents). The NBA is owned, operated, and maintained by the California Department of Water Resources (DWR). SCWA administers the State Water Project water supply contract, which among other things, obligates SCWA to reimburse DWR for Solano's share of the NBA operation, maintenance, as well as capital costs. The majority of the funds used to reimburse DWR are obtained through "NBA Zone of Benefit Tax" – a property tax assessment. In addition to administering the water supply contract, SCWA performs various technical studies related to NBA operations, monitors water quality in Barker Slough, and provides technical assistance to DWR in support of the NBA Alternate Intake Project.

FUND DETAIL COMMENTS**Revenues**

Property Taxes – FY 17/18 proposed property tax revenues are projected to increase by 10% from the prior fiscal year, reflecting the ongoing trend of increasing property values in Solano County.

Grants – The only active grant funded project - preparation of the NBA Alternate Intake Project Environmental Impact Report – is nearing completion, no significant grant revenues are anticipated in FY 17/18.

Interest Revenue – Interest earnings have increased significantly due to higher interest rates and investing in higher yielding instruments (CD's).

Expenditures

Operations and Maintenance – operations and maintenance are projected to increase next year due to additional field investigations – water quality sampling – and miscellaneous technical studies.

Grant Expenditures – The only active grant funded project – preparation of the NBA Alternate Intake Project Environmental Impact Report – is nearing completion, no significant grant expenditures are anticipated in FY 17/18.

Water Conservation – Water conservation costs are projected to increase due to increased scope of activities and greater reliance on Water Agency property tax as opposed to grant revenues

(RESTRICTED FUND)**STATE WATER PROJECT**

Consultants – Consulting expenses are projected to increase 15% above prior year due to the planned NBA Reliability Program and the NBA Capacity(Biofilm Study) Both of these programs have a cost share component from Napa.

Fixed Assets- Last year SCWA budgeted for and purchased the Petersen Ranch (approximately \$3,500,000 charged to the State Water Project fund), other than equipment for two water quality monitoring stations (\$40,000), no significant fixed asset purchases are anticipated in FY 17/18.

DETAIL BY REVENUE CATEGORY AND EXPENDITURE CATEGORY	2014/15 ACTUAL	2015/16 ACTUAL	2016/17 ADOPTED BUDGET	2017/18 PROPOSED	FROM ADOPTED TO PROPOSED	PERCENT CHANGED
Revenues						
Property Taxes	10,279,636	11,185,460	11,814,500	13,028,000	1,213,500	10%
Water Sales	2,380,367	2,374,828	2,422,101	2,547,101	125,000	5%
Grant Revenues	410,000	164,000	140,525	-	(140,525)	-100%
Investment Income	9,410	33,933	17,400	56,000	38,600	222%
Other Sources	-	-	-	35,000	35,000	
Total State Water Project Revenues	13,079,413	13,758,222	14,394,526	15,666,101	1,271,575	9%
Expenditures						
Services and Supplies	103,720	119,686	118,800	118,700	(100)	0%
Operations and Maintenance	701,165	431,428	463,634	1,014,975	551,341	119%
Water Purchases	9,069,737	10,112,942	11,591,025	12,483,955	892,930	8%
Grant Expenditures	820,954	328,000	281,050	-	(281,050)	-100%
Water Conservation	459,217	493,845	765,450	878,678	113,228	15%
Consultants	93,189	185,070	668,500	765,500	97,000	15%
Fixed Assets	-	12,129	3,525,000	40,000	(3,485,000)	-99%
Contingency	-	12,000	10,000	25,000	15,000	150%
Total State Water Project Expenditures	11,247,982	11,695,100	17,423,459	15,326,808	(2,096,651)	-12%
Net Change	1,831,430	2,063,121	(3,028,932)	339,294	3,368,226	-111%

See page 18 for comments and budget notes

FUND PURPOSE

Operation and maintenance of the Ulatis Flood Control Project.

FUNCTION AND RESPONSIBILITIES

The Ulatis Flood Control Project (Project) was constructed by the Soil Conservation Service (now known as the Natural Resources Conservation Service) and is maintained by SCWA pursuant to a contract with the Natural Resources Conservation Service. The Project consists of over 45 miles of flood control channels and is largely located and provides flood protection to the agricultural lands downstream of Vacaville. SCWA subcontracts with the Solano County Transportation Department for routine maintenance duties, while most engineering and administrative functions are performed by SCWA staff.

FUND DETAIL COMMENTS**Revenues**

Property Taxes - FY 17/18 proposed tax revenues are projected to increase 5% from the prior fiscal year.

Investment Income –Interest earnings have nearly doubled due to higher interest rates and investing in higher yielding instruments (CD's).

Expenditures

Operations and Maintenance -operations and maintenance expenses are projected to increase by 59% due to storm damage – primarily channel bank erosion – in early 2017.

Rehab & Betterment – due to storm damage in early 2017 a number of culverts and other flood conveyance structures need repairs.

Fixed Assets - The FY 16/17 The Water Agency purchased a \$300,000 CAT Wheeled Loader. Staff is proposing to purchase a \$20,500 Polaris 6x6 Spray truck, the only significant fixed asset purchase anticipated in FY 2017-2018

DETAIL BY REVENUE CATEGORY AND EXPENDITURES CATEGORY	2014/15 ACTUAL	2015/16 ACTUAL	2016/17 ADOPTED BUDGET	2017/18 PROPOSED	FROM ADOPTED TO PROPOSED	PERCENT CHANGED
Revenues						
Property Taxes	1,108,563	1,132,967	1,194,567	1,257,226	62,659	5%
Investment Income	4,033	16,967	6,400	23,500	17,100	267%
Other Services	7,579	1,584	5,000	5,000	-	0%
Total Ulatis Revenues	1,120,175	1,151,518	1,205,967	1,285,726	79,759	7%
Expenditures						
Supplies and Services	13,136	13,089	15,000	15,000	-	0%
Operations and Maintenance	423,295	470,417	566,720	899,313	332,593	59%
Rehab & Betterment	-	-	15,000	20,000	5,000	33%
Fixed Assets	83,832	180,446	300,000	20,500	(279,500)	-93%
Contingency	-	-	40,000	50,000	10,000	25%
Total Ulatis Expenditures	520,263	663,952	936,720	1,004,813	68,093	7%
Net Change	599,912	487,567	269,247	280,914	11,667	4%

See page 20 for comments and budget notes

FUND PURPOSE

Operation and maintenance of the Green Valley Flood Control Project.

FUNCTION AND RESPONSIBILITIES

The Green Valley Flood Control Project (Project) was constructed by the United States Army Corps of Engineers (USACOE) and is maintained by SCWA pursuant to an agreement with the USACOE. The Project consists of approximately 3 miles of flood control channels and is largely located in and downstream of Cordelia. SCWA subcontracts with the Solano Transportation Department for routine maintenance duties, while most engineering and administrative functions are performed by SCWA staff.

FUND DETAIL COMMENTS**Revenues**

Property Taxes - FY 17/18 proposed tax revenues are projected to increase 3% from the prior fiscal year

Expenditures

Operations and Maintenance - operations and maintenance costs are projected to increase due to storm damage – primarily channel erosion and deposition of sediment – in early 2017.

DETAIL BY REVENUE CATEGORY AND EXPENDITURE CATEGORY	2014/15 ACTUAL	2015/16 ACTUAL	2016/17 ADOPTED BUDGET	2017/18 PROPOSED	FROM ADOPTED TO PROPOSED	PERCENT CHANGED
Revenues						
Property Taxes	105,223	105,774	126,334	129,707	3,373	3%
Investment	-	-	-	-	-	
Total Green Valley Revenues	105,223	105,774	126,334	129,707	3,373	3%
Expenditures						
Supplies and Services	1,091	1,084	1,000	1,200	200	20%
Operations and Maintenance	81,382	49,764	78,100	155,943	77,843	100%
Rehab & Betterment	-	-	40,000	40,000	-	0%
Contingency	-	-	1,000	1,000	-	0%
Total GV Expenditures	82,473	50,848	120,100	198,143	78,043	65%
Net Change	22,750	54,926	6,234	(68,436)	(74,670)	

See page 22 for comments and budget notes

Solano County Water Agency

Fund Balance Policy

I. PURPOSE OF STATEMENT

The purpose of this fund balance policy is to identify the authority for committing and assigning fund balance in conformance with Governmental Accounting Standards Board Statement No. 54 and to establish the order in which unrestricted resources are to be used.

II. SCOPE

This fund balance policy will be applicable to all funds under the control of the Agency.

III. DEFINITION OF FUND BALANCE

Fund Balance is used to describe the difference between assets and liabilities reported within a fund. GASB 54 established the following five components of fund balance, each of which identifies the extent to which the Agency is bound to honor constraints on the specific purposes for which the amounts can be spent. These restrictions vary significantly depending upon the source.

- A. Nonspendable:** Amounts that cannot be spent because they are either (a) not in spendable form (not expected to be converted to cash) or (b) legally or contractually required to be maintained intact.
- B. Restricted:** Amounts subject to externally enforceable legal restrictions or constrained for a specific purpose by external parties, constitutional provision, or enabling legislation.
- C. Committed:** Amounts that can only be used for specific purposes pursuant to constraints imposed by the formal action of the Agency. Committed amounts cannot be used for any other purpose unless the Agency removes or changes the specified use by taking the same type of action (action item, legislation, resolution, ordinance) it employed to previously commit those amounts.
- D. Assigned:** Amounts that are constrained by the Agency's intent to be used for specific purposes, but are neither restricted nor committed. Intent can be expressed by the Board of Directors itself or the General Manager of the Agency.
- E. Unassigned:** Residual amounts in the general fund, not classified as nonspendable, restricted, committed, or assigned. For other governmental fund types, unassigned is only used when a deficit or negative fund balance occurs.

IV. COMMITTING FUND BALANCE

Only the Agency's Board of Directors has the authority to create or change a fund balance commitment. Committing fund balance is accomplished by approval of an action item by the Board of Directors.

V. ASSIGNING FUND BALANCE

The Board of Directors delegates authority to the General Manager to assign amounts to be used for specific purposes. Assignments are less formal than commitments and can be changed by the General Manager. An example of an assignment would be the encumbrance of funds for purchase orders approved but not fulfilled by the end of a fiscal year.

VI. FUND BALANCE CLASSIFICATION

Restricted fund balances will be spent first when an expenditure is incurred for purposes for which both restricted and unrestricted fund balance is available. Similarly, when an expenditure is incurred for purposes for which amounts in any of the unrestricted classifications of fund balance could be used, the Agency will first reduce committed amounts, followed by assigned amounts, and finally unassigned amounts.

VII. AGENCY FUNDS

For internal purposes, the funds do not represent separate governmental funds but rather the Agency maintains the funds as one governmental fund with each separate fund having a reserve balance. This policy provides guidance for the allocation of each fund's reserve balance.

The Solano Project fund is a "General Fund" for the Agency meaning that its revenues can be used to fund anything under the legal scope of the Agency. Revenues for the State Water Project, and Ulati and Green Valley Flood Control Projects can only be used for those specific projects, so the reserve funds must be segregated.

The Agency is financially responsible for two major water supply projects, the Solano Project and the North Bay Aqueduct of the State Water Project. Additionally the Agency has maintenance responsibility for two flood control projects, the Ulati and Green Valley flood control projects. The Solano Project was built in the 1950's and has significant future financial needs for rehabilitation projects and improvements. The Agency is also contemplating the North Bay Aqueduct Alternate Intake Project with a capital cost of over \$500 million. Clearly the Agency has future financial obligations that will need to be funded through a possible combination of use of reserves and financing.

The Agency seeks maximum flexibility to fund these future projects and the Reserve Fund Policy provides the Agency with financial options.

The components of the Agency reserve funds are found in a Schedule included in each Fiscal Year's adopted budget. There are separate reserves for all four Agency funds: Solano Project and Administration, State Water Project, Ulati Flood Control Project and Green Valley Flood Control Project. The small Green Valley Project has not accumulated any reserves. There is also a line for "Other Flood Control Projects" and an "Emergency Reserve".

For each of the three major funds there is a further breakdown of the reserves. Each has an "Operating Reserve" and a "Capital Reserve" explained below.

Operating Reserves

The purpose of operating reserves is to provide the Agency with working cash flow due to fluctuations in revenue streams. The Agency needs to fund ongoing operating expenses prior to the receipt of the majority of its revenues from the County of Solano property tax collections which are available in December and April. The Operating Reserve balance is determined by calculating six months of projected operating expenses for each fund.

Capital Reserves

Solano Project - Future capital projects include rehabilitation and improvements to Solano Project major facilities: Monticello Dam, Putah Diversion Dam, and the Putah South Canal. The Solano Project was completed in 1957 at an original cost of \$40 million. An example of a future capital cost is replacement of the Putah South Canal concrete canal liners that have a useful life varying from 50 to 75 years. Because replacement costs are high for the Solano Project a considerable reserve should be maintained for this purpose. The Solano Project also has a specific Rehabilitation & Betterment Reserve used to fund planned capital projects that are identified in the Five-Year Rehabilitation and Betterment Plan which is updated each year. The amount of this reserve varies each year as projects are completed and new projects are added.

State Water Project – Future capital projects include the NBA Alternate Intake Project. Although the timeline and final costs for this project have yet to be determined, the estimated costs of the capital projects will be at a minimum of \$550 million. Any replacement of the NBA will be financed by the State, but the Agency could accumulate funds to buy-down the financed debt. The Agency may also be required to pre-fund costs prior to construction. The amount to be allocated to the State Water Project Capital Reserve is the balance remaining after the allocation to the State Water Project Operating Reserves.

Ulati Flood Control Project– Future potential capital projects are listed in the schedule. The amount to be allocated to the Ulati Project Capital Reserve is the balance remaining after the allocation to the Ulati Operating Reserves.

Other Flood Control Projects

This is a reserve for flood control projects that are not part of the Ulati and Green Valley Flood Control Projects. The Agency has a funding policy that specifies the types of projects eligible for funding and cost sharing requirements. There are currently no specific projects identified for this fund. The funding amount for Other Flood Control Projects reserve is at the discretion of SCWA Board of Directors.

Emergency Reserve

This reserve provides funding for needs in the event of an emergency or unforeseen event, such as major flooding or an earthquake. The funding amount for the Emergency Reserve is at the discretion of SCWA Board of Directors.

This policy is in place to comply with GASB Statement No. 54.

**SOLANO COUNTY WATER AGENCY
RESERVE FUNDS
FY 2017/18**

DETAIL BY FUND RESERVE CATEGORY	RESERVE FUND FY 16/17 APPROVED MAY 2016	RECOMMENDED RESERVE FUND FY 17/18	PROJECTED LONG-TERM CAPITAL PROJECTS ⁵
Solano Project/Admin			
Solano Project/Admin Operating Reserve	\$ 6,064,391	\$ 7,018,660	
Solano Project/Admin Short-Term Capital Improvements (within 5 years) ¹	3,230,000	3,165,000	
Solano Project Capital Improvements			
Putah South Canal Power line			750,000
Reservoir Lane Rehabilitation			500,000
Putah Diversion Office Solar Installation			100,000
Terminal Dam Seismic Retrofit (SCWA 15% share)			6,000,000
Putah South Canal Sediment Management - est			10,000,000
Solano Project/ Admin Subtotal	9,294,391	10,183,660	17,350,000
State Water Project			
State Water Project Operating Reserves	6,545,148	7,127,577	
State Water Project Short-Term Capital Improvements (within 5 years)	4,724,682	5,491,317	
NBA Capital Improvements			
NBA Alternate Intake Project Implementation ²			8,000,000
NBA Capacity Remediation ³			TBD
State Water Project Subtotal	11,269,830	12,618,894	8,000,000
Ulatls Project			
Ulatls Flood Control Project Operating Reserve	272,000	363,000	
Ulatls Flood Control Project Short Term Capital Improvements (within 5 years)	5,166,079	5,650,285	
Ulatls Flood Control Project Capital Improvements			
Giant Garner Snake Preserve (cost shared) ⁴			1,400,000
30 Grade Control Structures ⁴			750,000
All Weather Access Improvements			500,000
Spoil Easement Purchases			100,000
Heavy Equipment Acquisitions			200,000
Ulatls Project Subtotal	5,438,079	6,013,285	2,950,000
Green Valley Project			
Green Valley Flood Control Project Operating Reserve	37,250	44,100	
Green Valley Flood Control Project Capital Improvements (within 5 years)	41,915	27,761	
Green Valley Flood Control Project Capital Improvements			TBD
Green Valley Project Subtotal	79,165	71,861	
Other Flood Control Projects	200,000	200,000	
Emergency Reserve	1,000,000	1,000,000	
Totals	\$ 27,281,465	\$ 30,087,700	28,300,000

Notes

1. Include R & B projects planned for the next 5 years
2. Tot. est. capital cost = \$550M; financed by State, Agency reserves to pre-fund costs prior to construction or buy-down debt; seek grant funds.
3. Current analysis underway to determine scope and cost to manage biofilm.
4. Pending completion of Solano HCP
5. Capital Improvement Plan to be updated in 2017 as part of Strategic Plan.

Solano County Water Agency Projected Reserves Summary

	Fund				Total
	Solano Project	State Water Project	Ulatis FC	Green Valley FC	
Projected Fund Balance on June 30, 2018 (Available Reserves)	\$ 10,739,982.00	\$ 12,618,894.00	\$ 6,013,285.00	\$ 71,861.00	\$ 29,444,022.00
Less Operating Reserves	\$ 7,018,660.50	\$ 7,127,577.50	\$ 363,000.00	\$ 44,100.00	\$ 14,553,338.00
	\$ 3,721,321.50	\$ 5,491,316.50	\$ 5,650,285.00	\$ 27,761.00	\$ 14,890,684.00
Less Emergency Reserves	\$ 1,000,000.00	-	-	-	\$ 1,000,000.00
	\$ 2,721,321.50	\$ 5,491,316.50	\$ 5,650,285.00	\$ 27,761.00	\$ 13,890,684.00
Less Other Flood Control Projects	\$ 200,000.00	-	-	-	\$ 200,000.00
	\$ 2,521,321.50	\$ 5,491,316.50	\$ 5,650,285.00	\$ 27,761.00	\$ 13,690,684.00
Less Future Short-Term Capital Improvements (within 5 years)	\$ 3,165,000.00	\$ 4,724,682.00	\$ 5,166,079.00	\$ 27,761.00	\$ 13,083,522.00
	\$ (643,678.50)	\$ 766,634.50	\$ 484,206.00	\$ -	\$ 607,162.00

**ACTION OF
SOLANO COUNTY WATER AGENCY**

DATE: June 8, 2017

SUBJECT: State Water Project Tax Rate for Fiscal Year 2017-2018

RECOMMENDATION:

Establish a tax rate of \$0.02 per \$100 of assessed valuation for the State Water Project property tax for fiscal year 2017-2018.

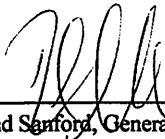
FINANCIAL IMPACT:

Projected revenues of \$13,028,000 in FY 2017-2018 Proposed Budget.

BACKGROUND:

By way of Resolution 85-183 (copy attached), the governing board of the Solano County Water Agency's predecessor agency, the Solano County Flood Control and Water Conservation District, established a zone of benefit and a property tax rate not to exceed \$0.02 per \$100 assessed valuation, to partially finance the county's share of the North Bay Aqueduct construction and ongoing maintenance and operation costs.. Since fiscal year 1986-87 the Water Agency has assessed a tax rate of \$0.02 per \$100 assessed valuation within the zone of benefit.

Pursuant to Revenue and Taxation Code Section 93, the Water Agency must establish the tax rate each fiscal year which is to be levied on the voter approved bonded indebtedness. The Board has the discretion to lower the tax annually, but not to increase it beyond \$0.02 per \$100 assessed valuation.

Recommended: 
Roland Sanford, General Manager

☐

Approved as
recommended

☐

Other
(see below)

☐

Continued on
next page

Modification to Recommendation and/or other actions:

I, Roland Sanford, General Manager and Secretary to the Solano County Water Agency, do hereby certify that the foregoing action was regularly introduced, passed, and adopted by said Board of Directors at a regular meeting thereof held on June 8, 2017 by the following vote.

Ayes:

Noes:

Abstain:

Absent:

Roland Sanford
General Manager & Secretary to the
Solano County Water Agency

**ACTION OF
SOLANO COUNTY WATER AGENCY**

DATE: June 8, 2017

SUBJECT: Cost of Living Adjustment for Water Agency Employees

RECOMMENDATIONS:

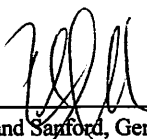
Award a 2.5% cost of living adjustment to Water Agency employees effective July 2, 2017.

FINANCIAL IMPACT:

The cost of a 2.5% COLA is approximately \$39,742 for FY 17/18. Funding for a 2.5% cost of living adjustment to employee salaries has been included in the Proposed FY 2017/2018 budget.

BACKGROUND:

Cost of living adjustments are discretionary on the part of the Board of Directors and are typically based on Consumer Price Indices (CPI) published by the U.S. Bureau of Labor Statistics. Relevant Consumer Price Indices include the San Francisco-Oakland-San Jose Index, the West Index, which encompasses 13 western states, and the Los Angeles-Anaheim-Riverside Index.

Recommended: 
Roland Sanford, General Manager

☐

Approved as
recommended

☐

Other
(see below)

☒

Continued on
next page

Modification to Recommendation and/or other actions:

I, Roland Sanford, General Manager and Secretary to the Solano County Water Agency, do hereby certify that the foregoing action was regularly introduced, passed, and adopted by said Board of Directors at a regular meeting thereof held on June 8, 2017 by the following vote.

Ayes:

Noes:

Abstain:

Absent:

Roland Sanford
General Manager & Secretary to the
Solano County Water Agency

The most recent cost of living adjustment (2% percent) was granted in July 2016 and was based on the April 2016 San Francisco-Oakland-San Jose, The West, and the Los Angeles-Anaheim-Riverside Consumer Price Indices. Between April 2016 and April 2017 the corresponding CPI's increased by 2.7% to 3.8% (see table below)

<u>Area</u>	<u>% Increase</u>		
	<u>April CPI</u>	<u>April CPI</u>	<u>from</u> <u>April 2016</u> <u>to</u> <u>April 2017</u>
	<u>2016</u>	<u>2017</u>	
San Francisco-Oakland-San Jose	264.565	274.589	3.8%
The West	246.589	253.806	2.9%
Los Angeles-Anaheim-Riverside	248.368	254.971	2.7%

(see: <https://www.bls.gov/regions/west/cpi-summary/2017/home.htm> for additional information)

If approved, this cost of living adjustment will apply to 16 Water Agency employees.

RELEVANCE TO 2016-2025 SCWA STRATEGIC PLAN:

Accepting the 2.5% COLA is consistent with Goal # 10 (Funding and Staffing), Objective C (Provide necessary and sufficient staffing and resources to maintain program activities and to achieve the goals and objectives of strategic plan priorities), Strategy 4 (Provided appropriate resources and incentives to staff to promote retention and longevity of SCWA investments in staff).

ACTION OF
SOLANO COUNTY WATER AGENCY

DATE: June 8, 2017

SUBJECT: CONSULTANT SERVICES CONTRACTS AND RENEWALS

RECOMMENDATION:

Authorize General Manager to execute agreements and amendments for the following consultant services for work through fiscal year 2017-2018:

1. Agrichem, Nuisance Vegetation Management, new contract- contract limit of \$33,376;
2. Blankinship & Associates, Inc., Compliance and Monitoring for Aquatic Pesticide Use, new contract - contract limit of \$41,100;
3. Byro Technologies, NBA Capacity Reclamation Project, Biofilm, new contract, contract limit of \$34,000;
4. CH2MHILL, Solano HCP EIR/EIS, new contract -contract limit \$60,000;
5. Clean Tech Advocates, governmental advocacy, new contract – contract limit \$110,000;
6. Clean Lakes, Campbell Lake Algaecide Treatments, amendment time only – contract limit of \$160,000;
7. Eyasco, Inc., Data and Website Management, new contract- contract limit of \$275,620;
8. GHD, IRWMP Conservation Grant Admin, new contract, contract limit of \$120,000;
9. GHD, CII Water Conservation Program, new contract, contract limit of \$125,000;
10. GHD, CII Water Use Efficiency Program Evaluation, new contract, contract limit of \$96,000;
11. IN Communications, High School Video Contest and Public Outreach, new contract – contract limit of \$30,000;
12. Iron Springs Corporation, Regional Landscape BMP, new contract – contract limit of \$70,000;
13. LSA Associates Inc., Habitat Conservation Plan, new contract-contract limit of \$337,000;
14. Luhdorff & Scalmanini, Groundwater Monitoring and Data Collection, new contract-contract limit of \$123,373;
15. Shandam Consulting, Professional IT Support, new contract, contract limit of \$50,000;
16. Solano Resource Conservation District, Barker Slough Watershed Partnership, new contract, contract limit of \$50,000;
17. Southwest Environmental, High efficiency toilets and urinals replacement program, new contract, contract limit of \$400,000;
18. Summers Engineering, Alternative Canal Cleanout, Engineering Support, new contract, contract limit of \$40,000;
19. Sustainable Solano, Water conservation and reuse outreach, new contract – contract limit of \$150,000;
20. Terraphrase, Cache Slough Water Quality Monitoring, new contract – contract limit \$55,000;
21. Thinking Green Consultants, Regional high efficiency washer rebate, \$125,000;

Recommended: 
Roland Sanford, General Manager

<input type="checkbox"/> Approved as recommended	<input type="checkbox"/> Other (see below)	<input checked="" type="checkbox"/> Continued on next page
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Modification to Recommendation and/or other actions:

I, Roland Sanford, General Manager and Secretary to the Solano County Water Agency, do hereby certify that the foregoing action was regularly introduced, passed, and adopted by said Board of Directors at a regular meeting thereof held on June 8, 2017 by the following vote.

Ayes:

Noes:

Abstain:

Absent:

Roland Sanford
General Manager & Secretary to the
Solano County Water Agency

22. Wildlife Survey & Photo Service, Solano Project Invasive Species Monitoring, new contract, contract limit \$210,913;
23. Wilson Public Affairs, NBA AIP public outreach, new contract – contract limit of \$60,000;
24. Yolo County Resource Conservation District, Westside IRWMP Administration Assistance – contract limit \$66,323;
25. ZunZun, Water conservation education, new contract, contract limit of \$35,000.

FINANCIAL IMPACT:

Funding for these consultants is included in the Fiscal Year 2017-2018 Budget.

BACKGROUND:

1. Agrichem will continue to provide herbicide application consultation for the Ulati and Green Valley Flood Control Projects.
2. Blankinship & Associates will continue to provide consulting service for compliance monitoring for application of aquatic herbicides. Program costs are shared with other districts.
3. Byro Technologies will provide additional engineering support for the NBA Capacity Project as requested.
4. CH2M Hill will continue the preparation of the Solano Habitat Conservation Plan EIR/EIS.
5. Clean Tech Advocates, governmental advocacy, new contract – contract limit \$110,000.
6. Clean Lakes, Campbell Lake Algaecide Treatments, amendment time only – contract limit of \$160,000.
7. Eyasoo will provide consulting services for document/file management, data and database management, and website management.
8. GHD will continue round 2 IRWM grant administration.
9. GHD will continue to administer the SCWA Commercial, Industrial and Institutional water conservation program.
10. GHD - water conservation program evaluation.
11. IN Communications will administer the Solano High School Video Contest and assist in public outreach.
12. Iron Springs Corporation will continue the Large Landscape BMP Program to set water budgets for commercial and institutional sites.
13. LSA Associates, Inc. will continue to develop the Solano Habitat Conservation Plan. Tasks include completing the Public Draft HCP and developing programmatic wetland permits.
14. Luhdorff & Scalmanini will provide groundwater conditions reporting and groundwater management assistance.
15. Shandam Consulting will continue to provide IT support.
16. Solano Resource Conservation District will continue to administer the Barker Slough Watershed Partnership.
17. Southwest Environmental will continue the Solano High-Efficiency Toilet installation program for commercial, industrial and institutional accounts.
18. Summers Engineering, Inc. will provide engineering and construction management support for the Alternative Canal Cleanout Project.
19. Sustainable Solano, Water conservation and reuse outreach, new contract – contract limit of \$150,000.
20. Terraphase will continue to provide consulting service water quality monitoring and analysis of constituents of concern for the Cache Slough watershed.
21. Thinking Green Consultants, Regional high efficiency washer rebate, \$125,000.
22. Wildlife Survey and Photo Service will continue to monitor New Zealand Mud Snails, and for detection of Quagga and Zebra mussels in the Solano Project.
23. Wilson Public Affairs, NBA AIP public outreach, new contract – contract limit of \$60,000.
24. Yolo Resource Conservation District will assist the Coordinating Committee with administrative functions of the Westside IRWMP implementation.
25. ZunZun will continue to market, schedule and present interactive school assemblies for grades K-6 at Solano County schools.

Copies of the above agreements and amendments are available on the SCWA web page (www.scwa2.com) or from SCWA staff.

**ACTION OF
SOLANO COUNTY WATER AGENCY**

DATE: June 8, 2017

SUBJECT: Adoption of Resolution in support of ACWA policy statement on Bay-Delta Flow Requirements

RECOMMENDATION:

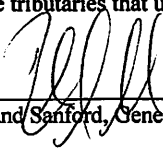
Adopt Resolution Number 2017-03 in support of ACWA (Association of California Water Agencies) policy statement on Bay-Delta Flow Requirements.

FINANCIAL IMPACT:

None

BACKGROUND:

The State Water Resources Control Board (SWRCB) has begun what will be a long and arduous process – updating the 2006 Bay-Delta Plan. Numerous studies have documented the ecological decline of the Bay-Delta, and while the ecological decline appears to be widely acknowledged, there is considerably less agreement as to what is/are causing the ecological decline. The SWRCB has proposed increased flows into and through the Bay-Delta as a means of stabilizing if not restoring at least some of the ecological elements of the Bay-Delta. State Water Resources Control Board staff is advocating that the tributary streams to the Sacramento and San Joaquin rivers, including Putah Creek, contribute a “percentage of unimpaired flow” to the Bay-Delta, as the primary means of stabilizing the ecological elements of the Bay-Delta. Many, including the Association of California Water Agencies (ACWA), believe the percentage of unimpaired flow concept is simplistic to the point of possibly being ineffective if not detrimental to the overall objective of restoring the ecology of the Bay-Delta, as well as the tributaries that ultimately contribute stream flows to the Bay-Delta.

Recommended: 
Roland Sanford, General Manager

☐ Approved as
Recommended

☐ Other
(see below)

☒ Continued on
next page

Modification to Recommendation and/or other actions:

I, Roland Sanford, General Manager and Secretary to the Solano County Water Agency, do hereby certify that the foregoing action was regularly introduced, passed, and adopted by said Board of Directors at a regular meeting thereof held on June 8, 2017 by the following vote.

Ayes:

Noes:

Abstain:

Absent:

Roland Sanford
General Manager & Secretary to the
Solano County Water Agency

The ACWA Board recently adopted the attached policy statement on Bay-Delta flow requirements and is requesting ACWA members adopt Resolutions in support of the ACWA policy statement. On April 18, 2017 the Solano Irrigation District – by far the largest user of the Lake Berryessa water supply – adopted a resolution in support of ACWA’s policy statement.

Lower Putah Creek historically was and remains nominally tributary to the Bay-Delta. The habitat restoration activities that have occurred on Lower Putah Creek and perhaps more importantly the stream flow regime implemented as a part of the 2000 Putah Creek Accord are very much in step with the “functional flows” concept advocated by ACWA and others (see attached comment letter to Ms Felicia Marcus dated December 16, 2016).

RESOLUTION NUMBER 2017-03

**RESOLUTION OF THE SOLANO COUNTY WATER AGENCY IN SUPPORT OF THE
ASSOCIATION OF CALIFORNIA WATER AGENCIES'
POLICY STATEMENT ON BAY-DELTA FLOW REQUIREMENTS**

WHEREAS, California is facing a defining moment in water policy that will be substantially impacted by the State Water Resources Control Board's (State Water Board) approach to water quality objectives under the Water Quality Control Plan for the San Francisco Bay/Sacramento-San Joaquin Delta (Bay-Delta Plan); and

WHEREAS, the State Water Board has the responsibility for updating the Bay-Delta Plan in a manner that establishes water quality objectives that ensure the reasonable protection of all beneficial uses of water in a way that is consistent with the coequal goals of improving water supply reliability and protecting, restoring and enhancing the Delta ecosystem and with respect to the commitments made in the California Water Action Plan; and

WHEREAS, the State Water Board staff's current proposal, which focuses singularly on an "unimpaired flow" approach, is irreconcilable with a policy of coequal goals of improving both water supply reliability and ecosystem health; it is also inconsistent with the broader water policy objectives of the Governor Brown Administration; and

WHEREAS, the Association of California Water Agencies (ACWA) Board of Directors has unanimously adopted a strong policy statement that calls for an approach that can more effectively achieve ecological objectives while maintaining water supply reliability. The statement calls on the State Water Board to set aside its "unimpaired flow" approach and heed Governor Brown's call for negotiated agreements - such as the Putah Creek Accord - which have been successful on many rivers and streams in California; and

WHEREAS, the ACWA policy statement notes that to be successful, the State's flow policy must be consistent with the principles of collaboration, comprehensive solutions, science, functional flows, economic considerations, consistency with State policy, and leadership;

NOW, THEREFORE, BE IT RESOLVED that the Board of Directors of the SOLANO COUNTY WATER AGENCY hereby supports the ACWA Policy Statement on Bay-Delta Flows and encourages the State Water Board to embrace the approach articulated in the ACWA Policy Statement on Bay-Delta Flows.

I, ROLAND SANFORD, General Manager and Secretary to the Board of Directors of the Solano County Water Agency, do hereby certify that the foregoing resolution was regularly introduced, passed and adopted by said Board of Directors, at a regular meeting thereof held on the 8th day of June 2017, by the following vote:

Ayes:

Noes:

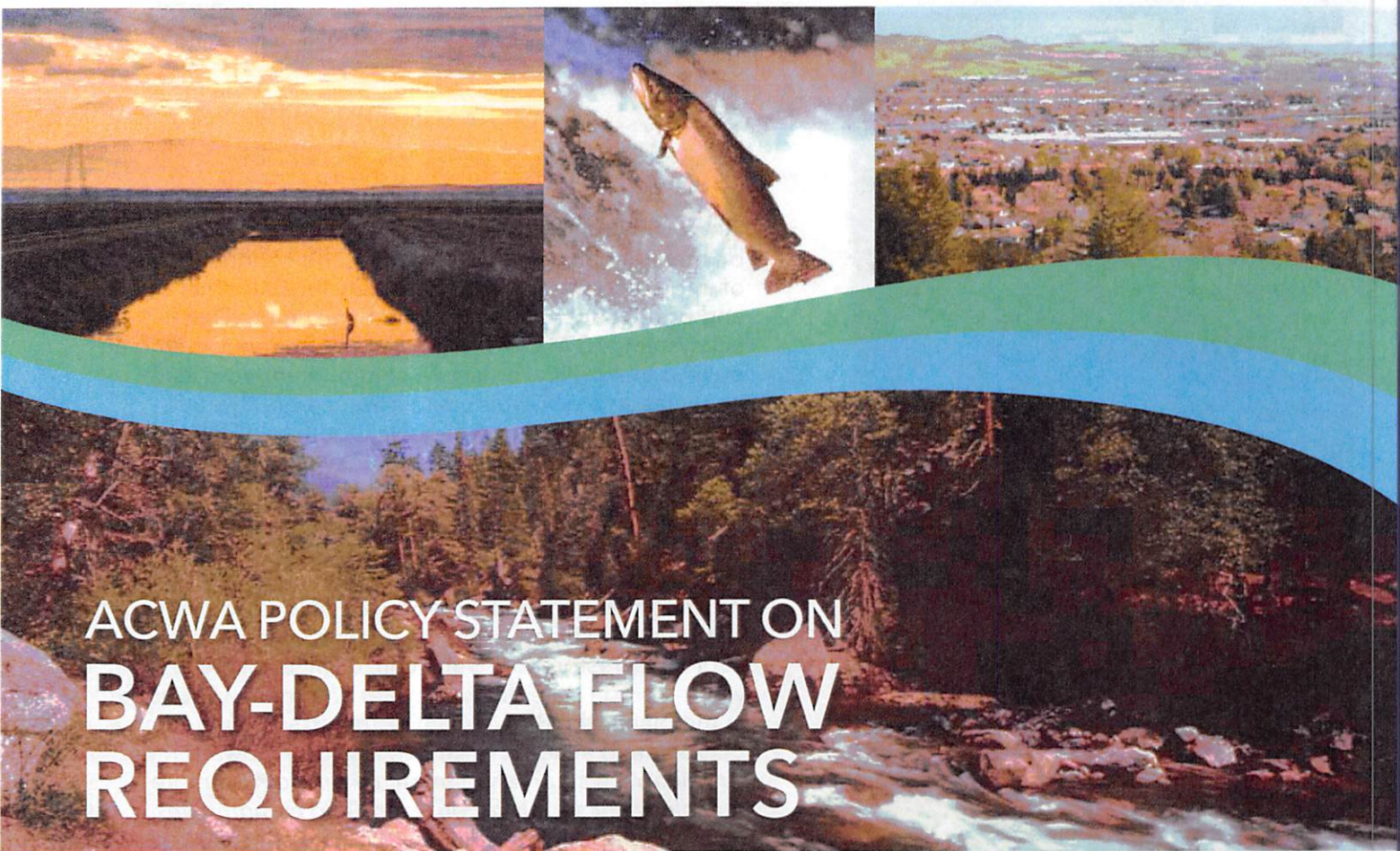
Abstain:

Absent:

Pete Sanchez, Chairman

ATTEST:

Roland Sanford,
General Manager and Secretary to
Solano County Water Agency



ACWA POLICY STATEMENT ON BAY-DELTA FLOW REQUIREMENTS

COLLABORATIVE APPROACH IS KEY TO CALIFORNIA'S FUTURE

California is facing a defining moment in water policy. A staff proposal under consideration by the State Water Resources Control Board presents a decision point about the future we want for California and its communities, farms, businesses and ecosystems. The State Water Board's staff proposal to base new water quality objectives on a "percentage of unimpaired flow" would have impacts that ripple far beyond water for fish.

The proposal could lead to widespread following of agricultural land, undercut the state's groundwater sustainability goals, cripple implementation of the Brown Administration's California Water Action Plan, negatively affect water reliability for much of the state's population and impact access to surface water for some disadvantaged communities that do not have safe drinking water. These effects are not in the public's interest.

Local water managers overwhelmingly believe the proposal's singular focus on "unimpaired flow" is the wrong choice for the state's future. California's urban and agricultural water managers are united in their vision for a future that includes a healthy economy as well as healthy ecosystems and fish populations. That vision is best achieved through comprehensive, collaborative approaches that include "functional" flows as well as non-flow solutions that contribute real benefits to ecosystem recovery.

On behalf of its more than 430 member public agencies serving urban and agricultural customers throughout the state, the Association of California Water Agencies (ACWA) adopts the following policy statement regarding the State Water Board's proposed approach to updating the Water Quality Control Plan for the San Francisco Bay/Sacramento-San Joaquin Delta.

LOCAL SUCCESS STORIES

Collaborative efforts have been successful on many rivers in the Bay-Delta watershed.

Lower Yuba River: A voluntary, collaborative settlement among Yuba County Water Agency, California Department of Fish and Wildlife, National Marine Fisheries Service, PG&E and conservation groups resolved 20 years of controversy and resulted in a continuing program to improve 24 miles of salmon and steelhead habitat while protecting water rights and the needs of local communities. State Water Board members have specifically recognized the value of the agreement, which was formally implemented in 2008.

Lower American River: A broad representation of water suppliers, environmental groups, local governments and others negotiated an historic agreement that led to a flow management standard that was successfully incorporated into a 2009 biological opinion issued by the National Marine Fisheries Service.

Feather River: Six years of negotiations among water users, fisheries agencies and environmental groups yielded a comprehensive agreement that includes a habitat improvement program with specific flow and temperature requirements to accommodate spawning salmon and steelhead. The State Water Board adopted the agreement, with some modification, in 2010 as a water quality certification under the federal Clean Water Act.

CHOOSING OUR VISION FOR CALIFORNIA'S WATER FUTURE

Since 2009, state law has required water resources to be managed in a way that achieves the coequal goals of improving water supply reliability for California and protecting, restoring and enhancing the Delta ecosystem. ACWA and its public water agency members believe that policy requires a commitment from state agencies and stakeholders to advance both water supply and environmental goals together. ACWA and its members further believe that effective implementation of the coequal goals requires transparent, collaborative processes and comprehensive solutions.

In 2014, the Brown Administration released its California Water Action Plan outlining priority actions addressing water-use efficiency, groundwater sustainability, ecological restoration, Delta conveyance solutions, water storage, safe drinking water and more. Embedded in the plan is the Brown Administration's commitment that planned actions "will move California toward more sustainable water management by providing a more reliable water supply for our farms and communities, restoring important wildlife habitat and species, and helping the state's water systems and environment become more resilient."

ACWA believes the policy of coequal goals and the commitment embedded in the California Water Action Plan have the potential to put California on a path that includes a vibrant agricultural and urban economy and a healthy ecosystem.

ACWA and its members believe the unimpaired flow approach proposed by State Water Board staff undercuts and threatens that potential and cannot lead us to the future we want for California. Simply put, any strategy that would result in vast amounts of agricultural land going out of production and ultimately reduce water supply reliability for the majority of Californians is irreconcilable with a policy of coequal goals and blatantly inconsistent with the water policy objectives of the Brown Administration.

ACWA strongly supports the collaborative approach called for by Governor Jerry Brown to move these important decisions out of adversarial processes and into negotiated, comprehensive agreements. The following principles can assure success in that endeavor.

A BETTER PATH TO THE FUTURE

The State Water Board is responsible for updating the Bay-Delta Plan in a manner that establishes water quality objectives that ensure the reasonable protection of all beneficial uses of water (including domestic, municipal, agricultural and industrial supply; power generation; recreation; aesthetic enjoyment; navigation; and preservation and enhancement of fish, wildlife, and other aquatic resources) while considering past, present and probable future beneficial uses, environmental characteristics, water quality conditions and economic considerations, among other things. (See California Water Code Section 13241.) It also has a responsibility to update the plan in a way that is consistent with the coequal goals and respects and implements the commitments made in the California Water Action Plan.

ACWA and its members urge the State Water Board to set aside the unimpaired flow approach and heed Governor Brown's call for negotiated agreements. ACWA believes that a successful flows policy must be consistent with the following principles:

- **Collaboration:** The governor has called for work on a comprehensive agreement on environmental flows in both the San Joaquin and Sacramento River basins. He has asked that State Water Board members and staff prioritize analysis and implementation of voluntary agreements. Further, the Brown Administration committed in the California Water Action Plan that the State Water Board and the California Natural Resources Agency will work with stakeholders to encourage negotiated implementation of protective Delta standards. ACWA strongly supports the collaborative approach called for by the governor because it is the least contentious, most effective way to achieve the coequal goals. Negotiated agreements have been demonstrably successful at achieving outcomes and widespread support for appropriate environmental flows; forced

regulations have not yielded the same track record. The State Water Board should wholly embrace this approach and allow enough time for it to work.

- **Comprehensive Solutions:** A successful collaborative approach will require comprehensive solutions for both water supply and ecosystem management. Water users will need to continue and build on their commitment to integrated resources management in order to maintain reliability without undue impacts on the ecosystem. Similarly, ecosystem managers will need to focus on the entire life cycle of affected species and multiple variables, such as predation, food, and habitat availability to develop integrated management portfolios that accomplish ecosystem goals without undue impacts on water supply. Utilizing the single variable proposed in the "percentage of unimpaired flow" approach will not achieve the desired ecological outcomes and is, by far, the most destructive policy approach from the perspective of protecting and improving water supply. ACWA firmly believes the ecological outcomes can be achieved with even better results through a comprehensive approach that considers multiple solutions and benefits.
- **Science:** The State Water Board needs to incorporate the best available science to inform its work and assist with the development of voluntary settlement agreements. The unimpaired flow approach, in which flow objectives are not tied to any specific ecological outcome, fails to incorporate the best available science. As noted above, the updated plan needs to focus on the entire life cycle of affected species and multiple variables, such as predation, food, and habitat availability, and incorporate relevant current scientific information. Science alone cannot identify the best policy choice, but it can inform us about the policy tradeoffs we confront and help structure integrated solutions that provide ecosystem benefits with far less impact on water supply, the California economy and the public interest.



FUNCTIONAL FLOWS: A BETTER APPROACH

Sacramento Valley: Sacramento Valley water users and conservation partners are working together to advance a new generation of innovative projects to promote salmon recovery.

Over the past two and a half years, 12 projects have been completed through the Sacramento Valley Salmon Recovery Program to address fish passage, improve the timing of flows and increase habitat for salmon and other species. Priority projects have included removal of structural barriers to fish passage, modifying riffles, eliminating predator habitat, restoring floodplains and creating side channel spawning and rearing areas.

In addition, program partners are exploring creative ways to reconnect water with the land in floodplains and agricultural areas to enhance habitat and food production and create rearing habitat in rice fields.

While each of these collaborative projects provides independent value, implementation of the entire comprehensive suite is generating unique benefits that can significantly improve ecological outcomes for salmon in the Sacramento Valley.

Merced River: Merced Irrigation District has spent millions of dollars and decades undertaking intense and in-depth scientific research on the Merced River. This research has included analysis of flows, temperatures, biological resources and habitat. MID is poised to put this research into action through its Merced S.A.F.E. Plan (Salmon, Agriculture, Flows, and Environment) to provide certainty for both the environment and local water supply in Eastern Merced County.

The plan would provide increased flows using science to dictate the amounts and timing, restore critical sections of habitat for spawning and rearing juvenile salmon, protect local drinking water quality, upgrade an existing salmon hatchery with state-of-the-art facilities and reduce predation.

Based on in-depth science and technologically advanced computer modeling, MID seeks to take immediate action and dramatically benefit salmon on the Merced River.

- **Functional Flows:** Science shows that functional flows have very promising benefits for fish as well agricultural and urban water users. Timed and tailored for specific purposes, functional flows can benefit species in ways that unimpaired flow requirements cannot. Examples abound of collaborative, innovative projects currently underway by local water agencies and stakeholders that include functional flows and non-flow solutions that reconnect land and water to restore habitat and address the full life cycle of species needs. These efforts contribute real benefits to ecosystem recovery while maintaining water supply reliability.
- **Economic Considerations:** The State Water Board has a statutory obligation to consider economic impacts when establishing water quality objectives that reasonably protect all beneficial uses of water. Having a robust economic analysis is critical. The board also has a policy obligation under the coequal goals to ensure its actions related to a revised Bay-Delta Plan increase water supply reliability and thereby allow for a healthy, growing agricultural and urban economy in California.
- **Consistency with State Policy:** ACWA urges the State Water Board to heed the governor's direction and recognize that achieving the coequal goals will lead to a more reliable water supply and healthy ecosystem. Pursuing the coequal goals should be a guiding principle for the board's decisions related to adopting a revised Bay-Delta Plan. The State Water Board also should ensure that its decisions on the Bay-Delta Plan enable, rather than obstruct, the implementation of the California Water Action Plan.
- **Leadership:** The best policy choice will come through the give and take of the negotiating process and the enlightened leadership of the State Water Board members. Ultimately, the board must establish water quality objectives that ensure the reasonable protection of all beneficial uses of water as it implements negotiated solutions. The State Water Board should actively engage in this work and lead in a manner that is grounded in an awareness of how its actions can affect the implementation of the California Water Action Plan and the achievement of the coequal goals.

ACWA and its members have taken a strong policy position in support of comprehensive solutions such as those outlined in the California Water Action Plan. We stand ready to work with the Brown Administration to pursue the collaborative and comprehensive approaches needed to ensure a future for California that includes a vibrant agricultural and urban economy and a healthy ecosystem.

SOLANO COUNTY WATER AGENCY



December 16, 2016

The Honorable Felicia Marcus, Chair
State Water Resources Control Board
P.O. Box 100
Sacramento, CA 95812-2000

Subject: Comment Letter – Bay-Delta Phase II Working Draft Science Report

Dear Chair Marcus:

The Solano County Water Agency (SCWA) appreciates the opportunity to comment on the State Water Resources Control Board's (SWRCB) Bay-Delta Phase II Working Draft Science Report, dated October 2016 (draft report). SCWA holds rights to water held in Lake Berryessa, which is located on Putah Creek, in the southwestern portion of the Sacramento River drainage. Putah Creek is nominally tributary to the Yolo Bypass, which in turn empties into the Sacramento River near the City of Rio Vista.

Lake Berryessa is the central component of the U.S. Bureau of Reclamation's (Reclamation) Solano Project and the primary source of agricultural and municipal water for Solano County. SCWA operates the Solano Project on behalf of Reclamation and in this role is responsible for stream flow releases to Lower Putah Creek. During the 1990's the Putah Creek drainage was the subject of extensive litigation – the Putah Creek Water Cases – that culminated in the Condition 12 Settlement Agreement among appropriative water right holders upstream of Lake Berryessa, and the Putah Creek Accord, which addressed instream flow requirements downstream of the Solano Project and ultimately transformed Lower Putah Creek (downstream of the Solano Project) into a perennial stream. SCWA is well versed in the hydrology and aquatic biology of Putah Creek.

The Putah Creek drainage exhibits significant physiographic features that are atypical of the Sacramento River tributaries and warrant further discussion in the final Bay-Delta Phase II Science Report. The hydrology of the Sacramento River's west side tributaries, particularly the tributaries of the "Northern Coast Range, Southern" portion of the Sacramento River drainage (Putah and Cache creeks) are rainfall dominated, in contrast to the east side tributaries that drain the snow-capped Sierra mountains. As a result, the west side tributaries tend to be "flashy", flowing torrentially for relatively short durations in the winter, with little or no flow in the summer and fall.



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SOLANO COUNTY WATER AGENCY



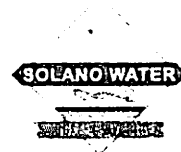
The flashy nature of the west side tributaries is obscured by the draft report's presentation of monthly as opposed to daily stream flow data. However, even the bar charts depicting monthly average unimpaired flow in Appendix A of the draft report are sufficient to illustrate the fact that during the summer and fall, the total unimpaired flow of the Sacramento River is overwhelmingly derived from the snow-melt dominated tributaries on the east side of the Sacramento River drainage. **Historically, much of Lower Putah Creek was typically dry in the summer and fall, and therefore, provided no surface runoff to the Yolo Bypass or the Sacramento River during those seasons.**

The Putah Creek drainage is atypical of Sacramento River tributaries in that it empties into the Yolo Bypass, rather than directly to the Sacramento River. Historically, hydraulic continuity between Lower Putah Creek and the Sacramento River was generally limited to the winter and spring of wet years, when the Yolo Bypass was at least partially flooded. As demonstrated by the average annual runoff estimates presented in Appendix A of the draft report, unimpaired Putah Creek outflow historically accounted for a relatively small fraction of the total Yolo Bypass outflow to the Sacramento River – as little as 7 percent in wet years and up to as much as 22 percent in critically dry years.

Under present day conditions, stream flows in the Yolo Bypass are largely controlled by the Fremont Weir, which restricts Sacramento River stream flows – when stream flows are less than 55,000 cubic feet per second - from entering the Yolo Bypass, thereby minimizing the frequency with which the Yolo Bypass is partially if not entirely inundated. **Under present day conditions, Putah Creek's ability to provide significant outflow to the Sacramento River is largely dependent upon the operation of the Fremont Weir and more specifically, the frequency with which the Yolo Bypass is at least partially flooded, rather than Putah Creek itself.**

While we understand the primary focus of the draft report and ultimately, the Bay-Delta Plan Update, is to address Bay-Delta inflow/outflow vis-à-vis Sacramento River tributary contributions, in the case of Putah Creek an important point has been glossed over – historically, much of Lower Putah Creek was dry in the summer and fall of most years, but **through implementation of the Putah Creek Accord, Lower Putah Creek has been transformed into a perennial stream with significant ecological benefits.**

Two clarifications with respect to the Putah Creek Accord; the minimum flow requirements originally specified in the appropriative water rights pertaining to the Solano Project were not “supplemented” by the Putah Creek Accord, but rather, the



SOLANO COUNTY WATER AGENCY



stream flow requirements set forth in the Putah Creek Accord replaced the original minimum flow requirements specified in the water rights pertaining to the Solano Project.

Since implementation of the Putah Creek Accord in 2000, summer and fall stream flow releases to Lower Putah Creek have and will continue to exceed the corresponding "pre-2000" stream flow releases. Pursuant to the Putah Creek Accord, the Solano Project is obligated to release sufficient water to at all times maintain a continuous wetted stream channel along the entire length of Lower Putah Creek – to its confluence with the Toe Drain on the east side of the Yolo Bypass. The fact that Lower Putah Creek is now a perennial stream – even in critically dry years – is obscured by the statistical data presented in the draft report, which largely characterize stream flow conditions prior to implementation of the Putah Creek Accord.

The significance of the Putah Creek Accord cannot be overstated. **Through implementation of the Putah Creek Accord, Lower Putah Creek is now recognized as a model for the management of native fish populations in California.** As discussed in one of the technical papers cited in chapter 3 of the draft report (Kiernan et al., 2012), prior to the Putah Creek Accord, native fish populations were largely restricted to a one-kilometer segment of Lower Putah Creek, immediately downstream of the Solano Project. Following implementation of the Putah Creek Accord in 2000, native fishes regained population dominance across more than 20 kilometers of Lower Putah Creek (the entire length of Lower Putah Creek is approximately 30 kilometers). With regard to Lower Putah Creek, Kiernan et al., (2012) observed that "...restoration of native fishes was achieved by manipulating stream flows at biologically important times of the year and only required a small increase in the total volume of water delivered downstream (i.e., water that was not diverted for other uses) during most water years".

As noted in the draft report, within recent years anadromous fish – Chinook salmon – have returned to Putah Creek in increasing numbers. Last fall and winter approximately 800 adult Chinook salmon were reportedly observed in Lower Putah Creek. This fall and to date an estimated 1800 adult Chinook salmon have arrived in Lower Putah Creek. Whether or not a self-sustaining population of Chinook salmon has been established in Lower Putah Creek remains unclear and is currently under study by the University of California – Davis. A self-sustaining population or not, the numbers of successfully spawning salmon in Lower Putah Creek is now limited by the availability of suitable spawning gravels, rather than available stream flows. Accordingly, SCWA and its partners have initiated large scale projects to restore spawning gravels and increase salmonid spawning habitat availability in Lower Putah Creek.



SOLANO COUNTY WATER AGENCY



The transformation of Lower Putah Creek through implementation of the Putah Creek Accord has been remarkable and illustrates how ecological goals can be achieved efficiently through judicious stream flow management in tandem with physical habitat modification – particularly in highly altered environments where it is physically impossible or at least highly impractical to restore the physical/biological setting to pre European settlement conditions.

Once again, we appreciate the opportunity to comment on the draft Bay-Delta Phase II Working Draft Science Report dated October 2016. Please do not hesitate to contact me if you have any questions or simply need more information.

Sincerely,

A handwritten signature in black ink, appearing to read 'Roland A. Sanford'.

Roland A. Sanford
General Manager

Cc: Jeanine Townsend
Jeanne Zolezzi
Karna Harrigfeld

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**ACTION OF
SOLANO COUNTY WATER AGENCY**

DATE: June 8, 2017

SUBJECT: Purchase Order for Solano Project Mobile Wash Station – Invasive mussel decontamination

RECOMMENDATION:

Authorize General Manager to approve Purchase Order of up to \$30,000 for mobile wash station to decontaminate watercraft – quagga and zebra mussels – before launching in Lake Berryessa.

FINANCIAL IMPACT:

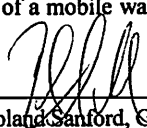
Total cost – up to \$30,000 - to be split (50:50) between the Water Agency and the Quagga and Zebra Mussel Infestation Prevention Grant Program (DBW Agreement No: C15Q0808). Funding for this purchase has been included in the FY 2016-2017 budget.

BACKGROUND:

Over the last several years the Water Agency has funded and staffed, largely with interns, the Lake Berryessa Outreach Program (Program). The purpose of the Program is to educate boaters and screen incoming watercraft for quagga or zebra mussels. Currently, watercraft that are observed or strongly suspected of being infested with quagga or zebra mussels are turned away and not allowed to be launched – much to the frustration of the watercraft owners.

To encourage compliance, staff is proposing to purchase a mobile wash station for decontaminating infested watercraft, thereby giving the owners the option of decontaminating at or near Lake Berryessa, as opposed to simply turning them away. The wash station would be operated by Water Agency and USBR staff and maintained by a licensed dealer.

Staff has identified at least two potentially suitable mobile wash stations that can be purchased for under \$30,000. However, additional research is needed to determine which unit and vendor would be most suitable for the Water Agency's purposes. Given the possibility that the Water Agency's July Board of Directors meeting will be cancelled, as has been past practice, and the desire to purchase and begin operating the proposed mobile wash station as expeditiously as possible, staff is seeking purchasing flexibility – permission to proceed with the purchase of a mobile wash station (cost not to exceed \$30,000) once staff identifies the preferred unit and vendor.

Recommended: 
Roland Sanford, General Manager

☐ Approved as
recommended

☐ Other
(see below)

☐ Continued on
next page

Modification to Recommendation and/or other actions:

I, Roland Sanford, General Manager and Secretary to the Solano County Water Agency, do hereby certify that the foregoing action was regularly introduced, passed, and adopted by said Board of Directors at a regular meeting thereof held on June 8, 2017 by the following vote.

Ayes:

Noes:

Abstain:

Absent:

Roland Sanford
General Manager & Secretary to the
Solano County Water Agency

SOLANO COUNTY WATER AGENCY



June 1, 2017

The Honorable Marc Levine
California State Assembly
State Capitol, Suite 5135
Sacramento, CA 95814

RE: SUPPORT: AB 1587 Invasive species: dreissenid mussels. (A-5/30/2017)

Dear Assembly-member Levine,

I am writing on behalf of the Solano County Water in support of your measure to address a growing problem in our state water facilities, specifically the spread of dreissenid mussels.

According to discussions with your staff, committee staff and impacted parties throughout the state, this issue is expensive to address. As we have learned, dreissenid mussels have been identified in at least 28 bodies of freshwater in California, primarily in Southern California. It is suspected the mussels were brought to the western U.S. on the hull of a recreational boat. According to DFW, eradication of dreissenid mussels is possible if they are in low density, but it is very expensive. Eradication of an established population of mussels is not currently possible and controlling an established population is also very expensive. Preventing the further spread of dreissenid mussels in California is much more cost effective than controlling an established population.

In California, the Metropolitan Water District of Southern California has been spending between \$3 million and \$4 million a year to address quagga mussel infestations in its 242-mile Colorado River aqueduct and reservoirs. The Tahoe Regional Planning Agency estimates a mussel invasion could mean an economic loss of \$22 million per year.

The recent discovery of quagga mussel in the State Water Project could lead to a significant cost on the order of tens of millions annually if it is not controlled.

We stand ready to assist this ongoing effort under your leadership.

Our Sacramento representative Patrick Leathers will be in touch with your office to set up a meeting with you and staff during a convenient time in July to accommodate your schedule.

Sincerely,

Skip Thomson
Supervisor
Solano County, District 5

810 Vaca Valley Parkway, Suite 203
Vacaville, CA 95688
(707) 451-6090
Fax (707) 451-6099

SOLANO COUNTY WATER AGENCY



June 1, 2017

The Honorable Anna Caballero
California State Assembly
State Capitol, Suite 5158
Sacramento, CA 95814

RE: Support

Dear Assembly-member Anna Caballero,

I am writing on behalf of the Solano County Water Agency to support your District bill sponsored by the Santa Clara Valley Water District.

As we understand your intent, AB 851 will expand the types of public works projects specifically for the Santa Clara Valley Water District so they may construct using the design-build project delivery method to include flood protection improvements, habitat restoration or enhancement, water treatment facilities, groundwater recharge or storage facilities, or the retrofit, repair, or expansion of existing surface water storage facilities.

It's also our understanding that all the skilled and trained workforce requirements included in SB 785 will apply, as well as a prohibition on including facility operations in a design-build contract. State and local highway projects are not included, and a January 1, 2025 sunset date will apply. AB 851 is an incremental step that includes all the existing law protections established by previous legislation.

By authorizing these key water supply, habitat, and flood protection projects for design-build procurement, AB 851 will facilitate faster and more efficient response to climate change, drought, and sea level rise by the Santa Clara Valley Water District."

If you have any questions, please contact our Sacramento representative Patrick Leathers.

Sincerely,

Skip Thomson
Supervisor
Solano County, District 5

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