

SOLANO COUNTY WATER AGENCY



MEMORANDUM

TO: Board of Directors

FROM: Jim Spering, Chairman

DATE: July 5, 2013

SUBJECT: Water Efficiency Workshop

For the July 11 SCWA Board of Director's meeting, we will be holding an informal workshop on SCWA's water efficiency programs that are done in conjunction with the cities and districts. The workshop will precede that normal SCWA Board meeting from 6:30-7:30 PM. Although the formal Board meeting will not start until 7:30, I urge you to attend the workshop on this important program.

We are trying this workshop format in response to Board members' requests for opportunities for more in depth presentations and discussion on key SCWA issues and programs. I suggest that the next workshop focus on the North Bay Aqueduct Alternate Intake Project.

I encourage the Board to give us feedback on the format of the workshops and the Board should suggest other workshop topics for future meetings. The SCWA Executive Committee will work with the General Manager to schedule future workshop dates and topics.

Please feel free to contact me or the General Manager with any comments or questions.



SOLANO COUNTY WATER AGENCY



BOARD OF DIRECTORS:

Chair:

Supervisor Jim Spering
Solano County District 3

Vice Chair:

Mayor Harry Price
City of Fairfield

Mayor Jack Batchelor
City of Dixon

Director Bob Bishop
Solano Irrigation District

Director Dale Crossley
Reclamation District No. 2068

Mayor Osby Davis
City of Vallejo

Supervisor Erin Hannigan
Solano County District 1

Mayor Steve Hardy
City of Vacaville

Mayor Elizabeth Patterson
City of Benicia

Mayor Norm Richardson
City of Rio Vista

Director Gene Robben
Maine Prairie Water District

Mayor Pete Sanchez
City of Suisun City

Supervisor Linda Seifert
Solano County District 2

Supervisor Skip Thomson
Solano County District 5

Supervisor John Vasquez
Solano County District 4

GENERAL MANAGER:

David Okita, PE
Solano County Water Agency

BOARD OF DIRECTORS MEETING

DATE: Thursday, July 11, 2013

TIME: 6:30 -7:30 p.m. – Water Use Efficiency Workshop
7:30 – 8:00 – Board of Directors Meeting

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

6:30 p.m. - BOARD WORKSHOP - SOLANO WATER USE EFFICIENCY PROGRAM

Staff from SCWA, cities and districts will make a presentation on water efficiency/water conservation programs in Solano County.

7:30 p.m.

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 June 13, 2013 is recommended.

(B) Expenditure Approvals: Approval of the June checking account register is recommended.

810 Vaca Valley Parkway, Suite 203
Vacaville, California 95688
Phone (707) 451-6090 • FAX (707) 451-6099
www.scwa2.com



6. **BOARD MEMBER REPORTS**

RECOMMENDATION: For information only.

7. **GENERAL MANAGER'S REPORT**

RECOMMENDATION: For information only.

8. **DELTA ISSUES**

RECOMMENDATIONS:

- A. Hear Status Report from Delta Water Coordination Working Group and adopt statement on Bay Delta Conservation Plan.
- B. Hear report from Supervisor Thomson on activities of Delta Counties Coalition and Delta Protection Commission.

9. **WESTSIDE SACRAMENTO INTEGRATED REGIONAL WATER MANAGEMENT PLAN**

RECOMMENDATIONS:

- 1. Adopt Resolution 2013-4 approving the Westside Sacramento Integrated Regional Water Management Plan.
- 2. Authorize Chairman to execute a Memorandum of Understanding for implementation of the Westside Sacramento Integrated Regional Water Management Plan.

10. **MANGELS BYPASS PIPELINE**

RECOMMENDATION: Authorize General Manager to execute an agreement with the lowest, responsible bidder for the Mangels Bypass Pipeline project.

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

Thursday, August 8, 2013 at 6:30 pm at the SCWA offices. City County Coordinating Council meeting is scheduled for 7:00.

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.

SOLANO COUNTY WATER AGENCY



MEMORANDUM

TO: Board of Directors

FROM: Andrew Florendo, Senior Water Resource Specialist *AF*

DATE: July 11, 2013

SUBJECT: Presentation on the Solano Water Use Efficiency Program

The Water Agency, through partnerships with Solano cities and districts, is able to implement a full scale water use efficiency program covering the entire county. SCWA is a small agency, with a one person conservation staff. Also, our cities and districts are facing fiscal issues (reduced budgets, falling revenues, shortened work weeks) brought about by the economic downturn. But in spite of the negative pressures, SCWA still manages to implement a water use efficiency program for Solano County that meets or exceeds any of the California Urban Water Conservation Council (CUWCC) Best Management Practices. This was accomplished by the use of regional partnerships with our cities and districts, the use of consultants and contractors and the invaluable assistance of college interns. Financing for the programs come from existing SCWA revenues and Federal and state grants.

Several years ago, SCWA and the cities decided to share costs and administration of regional water conservation programs. Rather than each entity going its own way, regional partnerships offered advantages of combined resources, lower overhead, and allowed access to rebates and other water conservation programs for the entire County. This regional partnership has enabled the establishment of County-wide programs for high-efficiency washing machine and toilet rebates, commercial and residential water audits, turf replacement rebates, and various school education programs. None of these programs could have been implemented if not for the establishment of a regional water conservation partnership.

The presentation will include an overview of the Solano Water Use Efficiency Program given by myself. This will include a description of current programs and possible directions for the future. Two SCWA interns, Ashley Lemay and Sabrina Colias, will present a summary of the Solano Water Efficient Landscape Rebate Program. Corry Brown, SCWA Water Conservation Intern, will describe the Residential Water Survey Program. Ramiro Jimenez, City of Vacaville, will



present water use efficiency programs from a retailing agency point of view. Finally, Paul Lum, Solano Irrigation District Irrigation Specialist, will give a presentation on the Solano Agricultural Water Use Efficiency Program.

In light of current political and environmental conditions, this should be a very timely and informative presentation. If you have any questions please contact me at 455-1111 or aflorendo@scwa2.com

CONSENT ITEMS

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

MEETING DATE: JUNE 13, 2013

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

Mayor Jack Batchelor, City of Dixon
Mayor Harry Price, City of Fairfield
Mayor Pete Sanchez, City of Suisun City
Councilmember Constance Boulware, City of Rio Vista
Mayor Elizabeth Patterson, City of Benicia
Mayor Steve Hardy, City of Vacaville
Supervisor Erin Hannigan, Solano County District 1
Supervisor Linda Seifert, Solano County District 2
Supervisor Jim Spering, Solano County District 3
Supervisor John Vasquez, Solano County District 4
Supervisor Skip Thomson, Solano County District 5
Director Bob Bishop, Solano Irrigation District
Director Dale Crossley, Reclamation District 2068
Manager Don Holdener, Maine Prairie Water District

CALL TO ORDER

The meeting was called to order at 7:00 P.M. by Chairman Spering.

APPROVAL OF AGENDA

On a motion by Mayor Batchelor and a second by Mayor Patterson the Board unanimously approved the agenda.

PUBLIC COMMENT

There were not public comments.

CONSENT ITEMS

On a motion by Mayor Patterson and a second from Supervisor Thomson the Board approved the following Consent Items.

- (A) Minutes
- (B) Expenditure Approvals
- (C) Pre-Approval of Fiscal Year 2013-2014 Payments
- (D) Statement of Investment Policy
- (E) Appropriations Limit

BOARD MEMBER REPORTS

There were no Board Member reports.

GENERAL MANAGER'S REPORT

There were no additions to the written report.

WESTSIDE INTEGRATED REGIONAL WATER MANAGEMENT PLAN

Chris Lee, Principal Water Resource Specialist, gave a presentation on The Westside Integrated Regional Water Management Plan (Westside IRWMP). Proposition 84 allocated \$73 million to the Sacramento Valley funding area to be allocated to the nine IRWMP's within the funding area which includes the Westside IRWMP. The Westside IRWMP area in Solano County generally includes the area west of Vacaville while the area east of Vacaville is located in the Bay Area IRWMP. Public outreach to a wide variety of stakeholders was a key component of efforts to create the Westside IRWMP. The vision for the Westside IRWMP is to address the major challenges and opportunities related to managing water and associated natural resources within the Region including to improve education and awareness, improve habitat and ecosystem health, provide safe and reliable water supplies, sustain and modernize infrastructure, foster reasonable use, manage risks, further collective understanding of watersheds and aquifers, address water quality concerns, and improve opportunities for recreation. Goals and objectives were developed. 140 project ideas from 39 agencies were submitted for inclusion in the Westside IRWMP. The Public Review Draft of Westside IRWMP was released on May 10, 2013. Public comments on the Westside IRWMP were due on June 10, 2013. Staff will be asking the Board of Directors to adopt The Westside IRWMP at their July 2013 meeting as well as adopt a new Memorandum of Understanding with the Regional Water Management Group to implement the Westside IRWMP using the same staff led Coordinating Committee that has worked so well to develop the IRWMP.

SCWA BUDGET FOR FISCAL YEAR 2013-2014

Katherine Phillips, Administrative Services Manager, summarized the proposed FY 2013-2014 budget, as recommended by the Executive Committee, for the Board to consider. Staff had reported to the Board that the operating costs have been funded from the operating revenues in each year until FY 12/13. For calendar year 2013 DWR is charging the Agency a one-time approximately \$4 million cost for corrections to past billings due to a change in cost allocation factors. Because of this event the operating expenses for the State Water Project are not covered by the operating revenues for FY's 12/13 and 13/14. Capital-type projects funded from reserves in the FY 13/14 Proposed Budget includes \$1.3 million dollars in rehab and betterment projects, \$400,000 for a bulkhead project at Putah Diversion Dam, \$3.3 million for two projects - the North Bay Alternate Intake Project and the North Bay Regional Water Quality Research Station, \$300,000 for a long reach excavator, and \$500,000 for the Dixon Watershed flood Control Project. The reserve fund as a percentage of the budget has been reduced from over 100% for the FY 12/13 budget to 83% for FY 13/14 based on the direction from the Board to reduce the reserve fund.

A motion was made by Supervisor Seifert with a second by Mayor Batchelor for adoption of the Water Agency's fiscal year 2013-2014 budget. The Board approved the budget unanimously.

The Board requested the Executive Committee to work with staff to consider a change in budget format for next fiscal year.

CONSULTANT CONTRACTS

On a motion to by Mayor Price and a second by Mayor Hardy the Board unanimously authorized the Chairman to execute the following agreements and amendments for consultant services through fiscal year 2013-2014:

1. 3QC, SCWA Labor Compliance Program, amendment for extension of term only;
2. AD Consultants, Ongoing Groundwater and Data Management Services, contract limit of \$20,000;
3. Agrichem, Nuisance Vegetation Management, contract limit of \$30,112;
4. ARCADIS U.S. Inc., Cache Slough Water Quality Monitoring, contract limit \$50,000;
5. Ayres Associates, Putah Diversion Dam Bulkhead Design and Procurement, new contract – contract limit \$78,600;

6. Blankinship & Associates, Inc., Compliance and Monitoring for Aquatic Pesticide Use, contract limit of \$49,500;
7. BSK Associates, Mercury Monitoring and Support, contract limit of \$12,565;
8. CBEC, North Delta Water Quality Modeling, amendment for extension of term only;
9. CH2MHILL, Solano HCP EIR/EIS, amendment for extension of term only;
10. Clean Lakes, Campbell Lake Algaecide Treatments, contract limit of \$63,650;
11. Consersion Consulting, Outdoor Water Survey Program, amendment for extension of term only;
12. Creativemark Design & Photography, maintain and update the Water Agency website, contract limit of \$15,000;
13. Electric & Gas Industries Association, Solano County High-Efficiency Rebate Program, contract limit of \$275,000;
14. Eyasco, Inc., Data and Website Management, contract limit of \$253,250;
15. Gardensoft, WaterWise Gardening Website, contract limit of \$4,500;
16. GHD, IRWMP Conservation Grant administration, contract limit of \$60,000;
17. GHD, Solano County Commercial and Industrial Water Conservation, contract limit of \$60,000;
18. GHD, Commercial and Industrial Water Savings rebate program, contract limit of \$60,000;
19. Grunstad Landscaping, Landscape Maintenance, contract limit of \$15,000;
20. KC Engineering Company, Construction Materials Testing and Geotechnical Consulting, contract limit of \$30,000;
21. LSA Associates, Habitat Conservation Plan, contract limit of \$254,478;
22. Luhdorff & Scalmanini, Ongoing Groundwater Monitoring Activities, contract limit of \$39,653;
23. Mike Bobbitt and Associates, Geographical Information System Services, amendment for extension of term only;
24. MWH Americas, Inc., Permanent Water Treatment Research Facility for the NBA, amendment for extension of term only;
25. Normandeau Associates, Putah Creek Interdam Reach Trout Habitat Assessment, contract limit of \$65,840;
26. Rock Steady Juggling, Solano School Water Education Program, contract limit of \$17,500;
27. Shandam Consulting, Inc., Professional IT Services, amendment for extension of only;
28. Sierra Controls inc., Assistance with the sharing of data between the SID and SCWA database, contract limit \$2,000;
29. Solano Resource Conservation District, Flood Awareness, contract limit of \$90,000;
30. Solano Resource Conservation District, Welcome to the Watershed, contract limit of \$48,000;
31. Somach, Simmons and Dunn, HCP Legal Services, amendment to contract for extension of term only;
32. Southwest Environmental, Inc., Installation of High-Efficiency Toilets at Commercial, Industrial and Institutional locations, new contract - contract limit of \$400,000;
33. Summers Engineering, Putah Diversion Dam Bulkhead, new contract – contract limit of \$30,000;
34. Summers Engineering, PSC Headwork Improvements, contract limit of \$165,000;
35. Summers Engineering, Mangels Bypass Pipeline, contract limit of \$75,000;
36. The Regents of the University of California, LPCCC – Geomorphic Consultation, amendment for extension of term only;
37. UNAVCO, groundwater Subsidence Station Monitoring, new contract - contract limit of \$9,134;
38. Water Works Consulting, State Water Project Statement of Charge Analysis, amendment for extension of term only.
39. Western Hydrologic Systems, Semi-annual calibration of the flume at the head of the Putah South Canal and miscellaneous assistance with flow calibrations, contract limit \$9,897;
40. Western Weather Group, Semi-annual calibration of the USBR Meteorological Station (MET) on Lake Berryessa, contract limit of \$5,000;
41. Wildlife Survey & Photo Service, Solano Project/LPCCC Biomonitoring for Effects of New Zealand Mud Snails, contract limit of \$157,056;
42. ZunZun, Solano School Education, contract limit of \$25,000;

STATE WATER PROJECT TAX RATE

On a motion by Mayor Patterson and a second by Supervisor Hannigan, the Board established a tax rate of \$0.02 per \$100.00 of assessed valuation for State Water Project Property Tax for fiscal year 2013-2014.

DELTA ISSUES

- A. Supervisor Seifert provided a status update on the Delta Water Coordination Working Group. The Group consists of representatives and staff from the cities, the County, and districts. One goal of the Group is to consolidate positions on Delta issues and the Group is in the process of identifying and prioritizing these issues.
- B. Supervisor Thomson reported that the Sacramento County Supervisor Don Nottoli, Chair of the Delta Protection Commission and a member of the Delta Stewardship Council, will present to the Board at the August meeting. Members of the Delta Counties Coalition had an interview with the editorial board of the Sacramento Bee about the role of the Coalition. The Delta Counties Coalition met with Senator Steinberg regarding the Bay Delta Conservation Plan and its concerns regarding governance of the Plan, conveyance, and the Plan's effects on agriculture.
- C. Manager Okita provided a report on the National Marine Fisheries Service's interests in Yolo Bypass improvements to benefit salmon. The State wants to flood the Yolo Bypass more often to benefit the salmon which causes concerns to the agricultural interest in Yolo County and concerns to Solano County because of the prospect of endangered salmon passing by agricultural diversions. Manger Okita noted that the draft Bay Delta Conservation Plan provide for take coverage for the agricultural diverters in the Delta and funding if screens or consolidation is required. Yolo Bypass improvements are independent of the BDCP because it is a requirement of current State and Federal water project operations to improve the Yolo Bypass. The Agency is involved in the Yolo Bypass improvements and will keep the Board abreast of any developments.

GENERAL MANAGER'S EMPLOYMENT AGREEMENT

The Chairman noted the Executive Committee recommended the Board approve the General Manager's Employment Agreement. On a motion from Mayor Batchelor and a second by Director Crossley the Board approved the General Manager's Employment Agreement and authorized the Chairman to execute the new agreement. Supervisor Thomson abstained from the vote.

TIME AND PLACE OF NEXT MEETING

The next regularly scheduled meeting will be Thursday, July 11, 2013 at 7:00 P.M. at the Solano County Water Agency offices.

ADJOURNMENT

This meeting of the Solano County Water Agency Board of Directors was adjourned at 8:10 P.M.

David B. Okita, General Manager
and Secretary to the Board of Directors of the
Solano County Water Agency

ACTION OF
SOLANO COUNTY WATER AGENCY

DATE: July 11, 2013

SUBJECT: Expenditures Approval

RECOMMENDATION:

Approve expenditures from the Water Agency checking accounts for the month of June, 2013.

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 June, 2013. Additional backup information is available upon request.

Recommended: David B. Okita
David B. Okita, General Manager

☐

Approved as
recommended

☐

Other
(see below)

Modification to Recommendation and/or other actions:

I, David B. Okita, 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 July 11, 2013 by the following vote.

Ayes:

Noes:

Abstain:

Absent:

David B. Okita
General Manager & Secretary to the
Solano County Water Agency

SOLANO COUNTY WATER AGENCY
Cash Disbursements Journal
For the Period From Jun 1, 2013 to Jun 30, 2013

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

Date	Check #	Account ID	Line Description	Debit Amount	Credit Amount
6/24/13	100149	2023AC	FSA REMBURSEMENT	125.00	
		1020SC	JUNE 2013 PATE, THOMAS		125.00
6/4/13	22800	2020SC	Invoice: 1465267	475.29	
		1020SC	AMERICAN TOWER L.P.		475.29
6/4/13	22801	2020SC	Invoice: L0124665	1,110.00	
		1020SC	EUROFINS EATON ANALYTICAL		1,110.00
6/4/13	22802	2020SC	Invoice: 6/3/2013	246.10	
		1020SC	FOWLER, RICK		246.10
6/4/13	22803	2020SC	Invoice: 443740	176.00	
		1020SC	M&M SANITARY LLC		176.00
6/4/13	22804	2020SC	Invoice: Payroll PPE	633.34	
		1020SC	05.25.13 EVE PAGE		633.34
6/4/13	22805	2020SC	Invoice: 967	750.00	
		1020SC	ROCK STEADY JUGGLING		750.00
6/4/13	22806	2020SC	Invoice: 18180687	952.54	
		2020SC	Invoice: 18181851	77.67	
		1020SC	SBS LEASING A PROGRAM DE LAGE		1,030.21
6/4/13	22807	2020SC	Invoice: 5/23/13 -	136.00	
		1020SC	6/22/13 AT&T Mobility		136.00
6/4/13	22808	2020SC	Invoice: 457200	220.90	
		1020SC	J. RICHARD EICHMAN, CPA		220.90
6/4/13	22809	2020N	Invoice: 2836746	101.37	
		1020SC	QUILL CORPORATION		101.37
6/4/13	22810	2020SC	Invoice:	612.41	
			006492990046MJUNE1		
		1020SC	3 STANDARD INSURANCE COMPANY		612.41
6/4/13	22811	2020SC	Invoice: 245	800.00	
		1020SC	STUMPY TRUCKING, INC.		800.00
6/4/13	22812	2020N	Invoice: 30871	62.91	
		2020SC	Invoice: 30964	52.27	
		2020SC	Invoice: 31199	101.11	
		2020SC	Invoice: 31026	35.48	
		2020SC	Invoice: 31215	73.06	
		2020SC	Invoice: 31126	11.01	
		2020SC	Invoice: 31226	33.52	
		1020SC	SUISUN VALLEY FRUIT GROWERS AS		369.36
6/4/13	22813	2020SC	Invoice: TURF REBATE	954.00	
			5/28/13		

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Date	Check #	Account ID	Line Description	Debit Amount	Credit Amount
		1020SC	TURF REPLACEMENT REBATE PROGRAM		954.00
6/4/13	22814	2020SC	Invoice: NAPA WHOLE JUNE 2013	156,000.00	
		1020SC	COUNTY OF NAPA		156,000.00
6/4/13	22815	2020SC	Invoice: 10926	905.54	
		1020SC	BENS TRACTOR SERVICE		905.54
6/4/13	22816	2020SC	Invoice: 15317	148.50	
		1020SC	CENTRAL VALLEY EQUIPMENT REPAIR		148.50
6/4/13	22817	2020SC	Invoice: 1493	4,720.00	
		1020SC	CREATIVEMARK DESIGN & PHOTOGRAPHY		4,720.00
6/4/13	22818	2020SC	Invoice: 9150368398	44.40	
		2020SC	Invoice: 9146108411	74.52	
		2020SC	Invoice: 9152933686	7.62	
		1020SC	GRAINGER		126.54
6/4/13	22819	2020SC	Invoice: 199271	70.12	
		1020SC	J & W LAWN & GARDEN EQUIPMENT		70.12
6/4/13	22820	2020SC	Invoice: 7170987	390.10	
		1020SC	WILBUR-ELLIS COMPANY		390.10
6/7/13	22821	2020SC	Invoice: JULY DENT 2013	1,630.00	
		1020SC	ACWA/JPIA		1,630.00
6/7/13	22822	2020SC	Invoice: 2117B	1,669.90	
		1020SC	ADAPT CONSULTING, INC.		1,669.90
6/7/13	22823	2020SC	Invoice: MAY 2013	5,400.00	
		2020SC	Invoice: APRIL 2013	5,400.00	
		1020SC	CLEAN TECH ADVOCATES		10,800.00
6/7/13	22824	2020SC	Invoice: 13-024-O JUNE 2013	9,821.00	
		2020SC	Invoice: 13-258-V APR 2013	20,783.00	
		2020SC	Invoice: 13-026-U JUNE 2013	3,403.00	
		2020SC	Invoice: 13-026-T JUNE 2013	727,621.00	
		1020SC	DEPARTMENT OF WATER RESOURCES		761,628.00
6/7/13	22825	2020N	Invoice: 28357	11,000.00	
		1020SC	ELECTRIC & GAS INDUSTRIES ASSOC.		11,000.00
6/7/13	22826	2020SC	Invoice: 1570133	23.70	
		2020SC	Invoice: 1570131	94.32	
		2020N	Invoice: 7022522	4.17	

SOLANO COUNTY WATER AGENCY**Cash Disbursements Journal****For the Period From Jun 1, 2013 to Jun 30, 2013**

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Date	Check #	Account ID	Line Description	Debit Amount	Credit Amount
		2020SC	Invoice: 7012568	88.73	
		2020SC	Invoice: 1023735	64.70	
		2020SC	Invoice: 1023731	20.76	
		2020SC	Invoice: 1023733	94.76	
		2020SC	Invoice: 5587701	119.59	
		1020SC	HOME DEPOT CREDIT SERVICE		510.73
6/7/13	22826V	2020SC	Invoice: 1570133		23.70
		2020SC	Invoice: 1570131		94.32
		2020N	Invoice: 7022522		4.17
		2020SC	Invoice: 7012568		88.73
		2020SC	Invoice: 1023735		64.70
		2020SC	Invoice: 1023731		20.76
		2020SC	Invoice: 1023733		94.76
		2020SC	Invoice: 5587701		119.59
		1020SC	HOME DEPOT CREDIT SERVICE	510.73	
6/7/13	22827	2020SC	Invoice: CL20140	1,084.59	
		2020SC	Invoice: CL21618	1,318.16	
		1020SC	INTERSTATE OIL COMPANY		2,402.75
6/7/13	22828	1020SC	VOID		
6/7/13	22829	2020SC	Invoice: FEB - MAY 2013	1,591.85	
		1020SC	MAROVICH, RICHARD		1,591.85
6/7/13	22830	1020SC	VOID		
6/7/13	22831	2020SC	Invoice: 480358771	105.10	
		2020SC	Invoice: 480359528	89.10	
		2020SC	Invoice: 480360327	89.10	
		2020SC	Invoice: 480361114	89.10	
		2020SC	Invoice: 480361866	105.10	
		1020SC	MISSION LINEN SUPPLY		477.50
6/7/13	22832	2020SC	Invoice: MAY 2013	843.48	
		1020SC	SOLANO COUNTY FLEET OPERATIONS		843.48
6/7/13	22833	2020SC	Invoice: 0001258	133.12	
		2020SC	Invoice: 0001257	6,709.54	
		1020SC	SOLANO IRRIGATION DISTRICT		6,842.66
6/7/13	22834	2020SC	Invoice: 32616	1,437.11	
		1020SC	SOLANO SIGNS		1,437.11
6/7/13	22835	2020SC	Invoice: 141033	69.86	
		2020SC	Invoice: 141209	11.96	
		2020SC	Invoice: 760629	19.09	
		2020SC	Invoice: 141032	69.86	
		2020SC	Invoice: 141031	12.64	
		2020SC	Invoice: 141065	32.24	
		2020N	Invoice: 141692	112.26	
		2020SC	Invoice: 141154	73.58	
		2020SC	Invoice: 141457	47.79	
		2020N	Invoice: 141447	15.71	
		2020N	Invoice: K61951		44.41
		2020SC	Invoice: 141491	15.03	

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		2020SC	Invoice: 141780	30.09	
		2020SC	Invoice: 141855	1.72	
		2020SC	Invoice: 141854	7.31	
		2020SC	Invoice: 142043	105.12	
		2020SC	Invoice: 142210	8.19	
		2020SC	Invoice: 142215	3.47	
		2020SC	Invoice: 142413	147.86	
		1020SC	PACIFIC HARDWARE		739.37
6/7/13	22836	2020SC	Invoice: 1570133	23.70	
		2020SC	Invoice: 1570131	94.32	
		2020N	Invoice: 7022522	4.17	
		2020SC	Invoice: 1023735	64.70	
		2020SC	Invoice: 1023731	20.76	
		2020SC	Invoice: 7012568	88.73	
		2020SC	Invoice: 1023733	94.76	
		2020SC	Invoice: 0026218	997.57	
		2020SC	Invoice: 5587701	119.59	
		1020SC	HOME DEPOT CREDIT SERVICE		1,508.30
6/11/13	22837	2020SC	Invoice: 1306002	1,077.67	
		1020SC	AD SPECIAL T'S		1,077.67
6/11/13	22838	2020SC	Invoice: 559683	45.00	
		1020SC	ALL COVERED		45.00
6/11/13	22839	2020SC	Invoice: 14728	2,296.28	
		2020SC	Invoice: 14729	1,424.65	
		1020SC	APEX INDUSTRY SERVICE INC.		3,720.93
6/11/13	22840	2020SC	Invoice: 149572	10,682.76	
		1020SC	AYRES ASSOCIATES		10,682.76
6/11/13	22841	2020SC	Invoice: 2713646	740.00	
		1020SC	DEPARTMENT OF GENERAL SERVICES		740.00
6/11/13	22842	2020SC	Invoice: 3382	17,095.75	
		1020SC	EYASCO, INC.		17,095.75
6/11/13	22843	2020SC	Invoice: 5-9130	1,000.00	
		1020SC	DENNIS GRUNSTAD		1,000.00
6/11/13	22844	2020SC	Invoice: 8325000	1,195.91	
		1020SC	HACH COMPANY		1,195.91
6/11/13	22845	2020SC	Invoice: MER MAY 19 - MAY 23	153.88	
		1020SC	PHILLIPS, KATHERINE		153.88
6/11/13	22846	2020SC	Invoice: 34669606	122.89	
		1020SC	RECOLOGY VACAVILLE SOLANO		122.89
6/11/13	22847	2020SC	Invoice: 0531130228	5,763.75	
		1020SC	SHANDAM CONSULTING		5,763.75
6/11/13	22848	2020SC	Invoice: 625	82.50	
		1020SC	SOLANO RESOURCE CONSERVATION DISTRICT		82.50

SOLANO COUNTY WATER AGENCY
Cash Disbursements Journal
For the Period From Jun 1, 2013 to Jun 30, 2013

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

Date	Check #	Account ID	Line Description	Debit Amount	Credit Amount
6/11/13	22849	2020SC 1020SC	Invoice: 5/01/11-6/30/12 TELEPACIFIC COMMUNICATIONS	2,148.93	2,148.93
6/11/13	22849V	2020SC 1020SC	Invoice: 5/01/11-6/30/12 TELEPACIFIC COMMUNICATIONS	2,148.93	2,148.93
6/11/13	22850	2020SC 1020SC	Invoice: 5/26/13 - 6/6/13 CHRIS TIMMER	37.85	37.85
6/11/13	22851	2020SC 1020SC	Invoice: TURF REBATE 4.11.13 TURF REPLACEMENT REBATE PROGRAM	1,000.00	1,000.00
6/11/13	22852	2020SC 1020SC	Invoice: SCWA2012_13_11 WILDLIFE SURVEY & PHOTO SERVICE	14,363.72	14,363.72
6/11/13	22853	2020SC 2020SC 1020SC	Invoice: 72609 Invoice: 72608 GHD, INC.	816.75 6,201.25	7,018.00
6/11/13	22854	2020SC 1020SC	Invoice: 151190 A & L WESTERN AGRICULTURAL LABS	34.00	34.00
6/11/13	22855	2020SC 1020SC	Invoice: 5/01/11-6/30/12 TELEPACIFIC COMMUNICATIONS	2,148.93	2,148.93
6/14/13	22856	2020SC 1020SC	Invoice: MAY 2013 MARISSA HARTLEY	72.32	72.32
6/14/13	22857	2020SC 1020SC	Invoice: MAY 2013 KAYLA HENRY	165.55	165.55
6/14/13	22858	2020SC 1020SC	Invoice: 149113 AYRES ASSOCIATES	818.30	818.30
6/14/13	22859	2020SC 2020SC 1020SC	Invoice: DELTA COMM JUN 2013 Invoice: JUNE 2013 PER DIEM JACK BATCHELOR	122.60 113.56	236.16
6/14/13	22860	2020SC 2020SC 1020SC	Invoice: DELTA COMM JUNE 2013 Invoice: JUNE 2013 PER DIEM BOB BISHOP	100.00 100.00	200.00
6/14/13	22861	2020SC 1020SC	Invoice: JUNE 2013 PER DIEM CONSTANCE BOULWARE	138.42	138.42
6/14/13	22862	2020SC 1020SC	Invoice: MAY 2013 SABRINA COLIAS	13.56	13.56
6/14/13	22863	2020SC	Invoice: JUNE 2013 PER DIEM	133.90	

SOLANO COUNTY WATER AGENCY
Cash Disbursements Journal
For the Period From Jun 1, 2013 to Jun 30, 2013

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

Date	Check #	Account ID	Line Description	Debit Amount	Credit Amount
		2020SC	DIEM Invoice: DELTA COMM JUNE 2013	142.38	
		1020SC	DALE CROSSLEY		276.28
6/14/13	22864	2020SC	Invoice: JUNE 2013 PER DIEM	100.00	
		1020SC	STEVE HARDY		100.00
6/14/13	22865	2020SC	Invoice: MAY 2013 1079-039	326.53	
		2020SC	Invoice: MAY 2013 1079-030	1,090.49	
		2020SC	Invoice: MAY 2013 1079-019	126.48	
		1020SC	HERUM CRABTREE		1,543.50
6/14/13	22866	2020SC	Invoice: JUNE 2013 PER DIEM	107.91	
		1020SC	DON HOLDENER		107.91
6/14/13	22867	2020SC	Invoice: 10903	4,960.00	
		1020SC	KC ENGINEERING COMPANY		4,960.00
6/14/13	22868	2020SC	Invoice: 14293	2,207.50	
		1020SC	LAUGENOUR AND MEIKLE		2,207.50
6/14/13	22869	2020SC	Invoice: 28815	484.46	
		1020SC	LUHDORFF & SCALMANINI		484.46
6/14/13	22870	2020SC	Invoice: DELTA COMM JUNE 2013	116.95	
		2020SC	Invoice: JUNE 2013 PER DIEM	125.43	
		1020SC	ELIZABETH PATTERSON		242.38
6/14/13	22871	2020SC	Invoice: JUNE 2013 PER DIEM	115.82	
		2020SC	Invoice: EXEC COMM JUNE 2013	100.00	
		1020SC	HARRY PRICE		215.82
6/14/13	22872	2020SC	Invoice: 009951	33.26	
		2020SC	Invoice: 009419	150.79	
		2020SC	Invoice: 009860	225.42	
		1020SC	SAM'S CLUB		409.47
6/14/13	22873	2020SC	Invoice: DELTA COMM JUNE 2013	100.00	
		2020SC	Invoice: JUNE 2013 PER DIEM	100.00	
		1020SC	LINDA SEIFERT		200.00
6/14/13	22874	2020SC	Invoice: 078592	108.29	
		1020SC	SHELL		108.29
6/14/13	22875	2020SC	Invoice: 02044	784.67	
		2020SC	Invoice: 02043	1,210.35	
		2020SC	Invoice: 02045	3,781.40	
		1020SC	SOLANO COUNTY DEPT RESOURCE		5,776.42

SOLANO COUNTY WATER AGENCY
Cash Disbursements Journal
For the Period From Jun 1, 2013 to Jun 30, 2013

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

Date	Check #	Account ID	Line Description	Debit Amount	Credit Amount
			DEPT RESOURCE MGMT.		
6/14/13	22876	2020SC	Invoice: EXEC MEET JUN 2013	100.00	
		2020SC	Invoice: JUNE 2013 PER DIEM	100.00	
		1020SC	JAMES SPERING		200.00
6/14/13	22877	2020SC	Invoice: 644212	232.36	
		1020SC	VACAVILLE REPORTER		232.36
6/14/13	22878	2020SC	Invoice: JUNE 2013 PER DIEM	100.00	
		1020SC	JOHN VASQUEZ		100.00
6/14/13	22879	2020SC	Invoice: SCWA_VIDEO2013_1	20,000.00	
		1020SC	WILDLIFE SURVEY & PHOTO SERVICE		20,000.00
6/19/13	22880	2020SC	Invoice: 89062	868.00	
		1020SC	ANALYTICAL SCIENCES		868.00
6/19/13	22881	2020SC	Invoice: 9969390	139.15	
		1020SC	ARAMARK REFRESHMENT SERVICES		139.15
6/19/13	22882	2020SC	Invoice: 176339	4,573.65	
		1020SC	CAMPBELL SCIENTIFIC, INC.		4,573.65
6/19/13	22883	2020SC	Invoice: 3858527	23,874.40	
		1020SC	CH2M HILL		23,874.40
6/19/13	22884	2020SC	Invoice: AR131894	4,500.00	
		1020SC	CITY OF NAPA WATER DIVISION		4,500.00
6/19/13	22885	2020SC	Invoice: 4236	780.00	
		1020SC	CLEAN LAKES, INC.		780.00
6/19/13	22886	2020SC	Invoice: 115312	241.47	
		1020SC	FM GRAPHICS		241.47
6/19/13	22887	2020SC	Invoice: JUNE 9, 2013	54.95	
		1020SC	FOWLER, RICK		54.95
6/19/13	22888	2020SC	Invoice: 9155524102	1,540.20	
		1020SC	GRAINGER		1,540.20
6/19/13	22889	2020SC	Invoice: 8336263	768.07	
		1020SC	HACH COMPANY		768.07
6/19/13	22890	2020SC	Invoice: 28751	6,430.00	
		1020SC	LUHDORFF & SCALMANINI		6,430.00
6/20/13	22890V	2020SC	Invoice: 28751		6,430.00
		1020SC	LUHDORFF & SCALMANINI	6,430.00	

SOLANO COUNTY WATER AGENCY**Cash Disbursements Journal****For the Period From Jun 1, 2013 to Jun 30, 2013**

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

Date	Check #	Account ID	Line Description	Debit Amount	Credit Amount
6/19/13	22891	2020SC	Invoice: 11977	897.65	
		2020SC	Invoice: 11976	8,573.14	
		1020SC	SUMMERS ENGINEERING, INC.		9,470.79
6/19/13	22892	2020SC	Invoice: TURF REBATE 6.18.13	1,000.00	
		1020SC	TURF REPLACEMENT REBATE PROGRAM		1,000.00
6/19/13	22893	2020SC	Invoice: TURF REBATE 6.17.13	524.00	
		1020SC	TURF REPLACEMENT REBATE PROGRAM		524.00
6/19/13	22894	2020SC	Invoice: 591516	15.45	
		2020SC	Invoice: 591982	53.74	
		2020SC	Invoice: 592223	2.35	
		2020SC	Invoice: 591993	9.76	
		2020SC	Invoice: 591874	16.42	
		2020SC	Invoice: 591523	12.12	
		2020SC	Invoice: 591983	15.47	
		2020SC	Invoice: 591551	24.62	
		2020SC	Invoice: 592192	14.72	
		2020N	Invoice: 592974	18.39	
		2020N	Invoice: 592905	24.45	
		2020SC	Invoice: 592696	104.30	
		2020SC	Invoice: 594352	27.91	
		2020SC	Invoice: 592789	49.40	
		1020SC	PISANIS AUTO PARTS		389.10
6/19/13	22895	1020SC	VOID		
6/19/13	22896	2020SC	Invoice: 0001284	140,432.52	
		1020SC	SOLANO IRRIGATION DISTRICT		140,432.52
6/19/13	22897	1020SC	VOID		
6/19/13	22898	2020SC	Invoice: TURF REBATE 6.10.13	612.00	
		1020SC	TURF REPLACEMENT REBATE PROGRAM		612.00
6/19/13	22899	2020SC	Invoice: TURF REBATE 4.30.13	825.00	
		1020SC	TURF REPLACEMENT REBATE PROGRAM		825.00
6/19/13	22900	2020SC	Invoice: VIDEO CONTEST - 3RD	125.00	
		1020SC	ST. PATRICK ST. VINCENT HIGH SCHOOL		125.00
6/19/13	22901	2020SC	Invoice: VIDEO CONTEST-3RD	125.00	
		1020SC	ST. PATRICK ST. VINCENT HIGH SCHOOL		125.00
6/19/13	22902	2020SC	Invoice: VIDEO CONTEST - 2ND	500.00	

SOLANO COUNTY WATER AGENCY**Cash Disbursements Journal****For the Period From Jun 1, 2013 to Jun 30, 2013**

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

Date	Check #	Account ID	Line Description	Debit Amount	Credit Amount
		1020SC	ST. PATRICK ST. VINCENT HIGH SCHOOL		500.00
6/19/13	22903	2020SC	Invoice: VIDEO CONTEST - 1ST	375.00	
		1020SC	ST. PATRICK ST. VINCENT HIGH SCHOOL		375.00
6/19/13	22904	2020SC	Invoice: VIDEO CONTEST-1ST	375.00	
		1020SC	ST. PATRICK ST. VINCENT HIGH SCHOOL		375.00
6/21/13	22905	2020SC	Invoice: 4444925	227.45	
		2020SC	Invoice: 4444924	179.34	
		1020SC	AT&T		406.79
6/21/13	22906	2020SC	Invoice: INV341592	750.00	
		1020SC	CPS HR CONSULTING		750.00
6/21/13	22907	2020SC	Invoice: 2723795	1,100.00	
		1020SC	DEPARTMENT OF GENERAL SERVICES		1,100.00
6/21/13	22908	2020N	Invoice: 28363	1,315.43	
		1020SC	ELECTRIC & GAS INDUSTRIES ASSOC.		1,315.43
6/21/13	22909	1020SC	VOID		
6/21/13	22910	2020SC	Invoice: MARCH - JUNE 2013	19.99	
		1020SC	MARCIE FEHRENKAMP		19.99
6/1/13	22911	6186SC	D16100	1,019.04	
		1020SC	CL SMITH TRUCKING		1,019.04
6/21/13	22912	2020SC	Invoice: 28751	7,755.00	
		1020SC	LUHDORFF & SCALMANINI		7,755.00
6/21/13	22913	2020SC	Invoice: APR - JUNE 2013	69.41	
		1020SC	PATE, THOMAS		69.41
6/21/13	22913V	2020SC	Invoice: APR - JUNE 2013		69.41
		1020SC	PATE, THOMAS	69.41	
6/21/13	22914	2020SC	Invoice: 3380757	79.61	
		1020SC	QUILL CORPORATION		79.61
6/21/13	22915	2020SC	Invoice: 116489	246.00	
		2020SC	Invoice: 116486	246.00	
		2020SC	Invoice: 116481	246.00	
		1020SC	S&J ADVERTISING, INC.		738.00
6/21/13	22916	2020SC	Invoice: D16100	1,019.04	
		1020SC	CL SMITH TRUCKING		1,019.04

SOLANO COUNTY WATER AGENCY**Cash Disbursements Journal****For the Period From Jun 1, 2013 to Jun 30, 2013**

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

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6/26/13	22917	2020SC 1020SC	Invoice: 151723 A & L WESTERN AGRICULTURAL LABS	34.00	34.00
6/26/13	22918	2020SC 1020SC	Invoice: LPC NAWCA APP FEE CALIFORNIA DEPT. OF FISH AND GAME	2,521.20	2,521.20
6/26/13	22919	2020SC 1020SC	Invoice: 213247 HEDGEROW FARMS	29.03	29.03
6/26/13	22920	2020SC 2020SC 1020SC	Invoice: 909 Invoice: CONTRACT PDO ELECTRI JBN ELECTRICAL CONSTRUCTION	483.50 9,514.83	9,998.33
6/26/13	22921	2020SC 1020SC	Invoice: WORK BOOTS 6.23.13 DUC JONES	100.00	100.00
6/26/13	22922	2020SC 1020SC	Invoice: JUNE 2013 ASHLEY LEMAY	14.00	14.00
6/26/13	22923	2020SC 1020SC	Invoice: APR - JUNE 2013 PATE, THOMAS	37.50	37.50
6/26/13	22924	2020SC 2020SC 1020SC	Invoice: 18467709 Invoice: 18467970 SBS LEASING A PROGRAM DE LAGE	952.54 77.67	1,030.21
6/26/13	22924V	2020SC 2020SC 1020SC	Invoice: 18467709 Invoice: 18467970 SBS LEASING A PROGRAM DE LAGE	1,030.21	952.54 77.67
6/26/13	22925	2020SC 2020SC 2020SC 2020SC 1020SC	Invoice: 4423690001 Invoice: 4862596001 Invoice: 4632655001 Invoice: 4967442002 STAPLES	77.66 34.50 73.72 55.96	241.84
6/26/13	22926	2020SC 1020SC	Invoice: 20919-25 THE REGENTS OF THE UNIVERSITY OF CA	4,009.30	4,009.30
6/26/13	22927	2020SC 1020SC	Invoice: TURF REBATE 6.24.13 TURF REPLACEMENT REBATE PROGRAM	1,000.00	1,000.00
6/26/13	22928	2020SC 1020SC	Invoice: 3003 ZUNZUN	5,750.00	5,750.00
6/26/13	22929	2020SC 1020SC	Invoice: 3695 PACIFIC POWER SERVICE CORPORATION	480.17	480.17
6/26/13	22930	2020SC 2020SC	Invoice: 18467709 Invoice: 18467970	1,009.32 77.67	

SOLANO COUNTY WATER AGENCY**Cash Disbursements Journal****For the Period From Jun 1, 2013 to Jun 30, 2013**

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		1020SC	SBS LEASING A PROGRAM DE LAGE		1,086.99
6/26/13	22931	2020N 1020SC	Invoice: 14150 DEPARTMENT OF MOTOR VEHICLES	27.00	27.00
6/27/13	22932	2020SC 1020SC	Invoice: 002896 ERICK'S DELI	198.71	198.71
6/28/13	22933	2020SC 2020SC 2020SC 1020SC	Invoice: 28540703 Invoice: 28533723 Invoice: 28555704 BLUETARP FINANCIAL	3,008.49 5,620.40 1,072.58	9,701.47
6/28/13	22934	1020SC	VOID		
6/28/13	22935	1020SC	VOID		
6/28/13	22936	1020SC	VOID		
6/28/13	22937	2020SC 1020SC	Invoice: CUWCC 6/20/2013 SABRINA COLIAS	35.93	35.93
6/28/13	22938	2020SC 1020SC	Invoice: 963298 DIXON HARDWARE & LUMBER	58.07	58.07
6/28/13	22939	2020SC 1020SC	Invoice: L0097150 EUROFINS EATON ANALYTICAL	190.00	190.00
6/28/13	22940	2020SC 1020SC	Invoice: 2-312-53757 FEDEX	704.51	704.51
6/28/13	22941	2020SC 1020SC	Invoice: 1X054232 HORIZON	5.12	5.12
6/28/13	22942	2020SC 1020SC	Invoice: CL23085 INTERSTATE OIL COMPANY	778.61	778.61
6/28/13	22943	2020SC 1020SC	Invoice: PASS THRU INV 5 NAPA COUNTY FC&WCD	103,230.00	103,230.00
6/28/13	22944	2020SC 1020SC	Invoice: 76504 SIERRA CHEMICAL COMPANY	95.82	95.82
6/28/13	22945	2020SC 1020SC	Invoice: JUNE 2013 SOLANO COUNTY FLEET OPERATIONS	468.98	468.98
6/25/13	EFT	6144SC	ORCHARD SUPPLY - SUPPLIES	101.51	
		6144SC	NORTHERN SAFETY - SUPPLIES	138.00	
		6144SC 6144AC	LOWES - SUPPLIES BATTERY BILL - BATTERIES	60.33 424.04	
		6144SC	TRACTOR SUPPLY - SUPPLIES	15.02	

SOLANO COUNTY WATER AGENCY**Cash Disbursements Journal****For the Period From Jun 1, 2013 to Jun 30, 2013**

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

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			SUPPLIES		
		6310AC	CHEVRON - FUEL	60.00	
		6144SC	LOWES - SUPPLIES	5.37	
		2025SC	ACCRUED TAX -		8.96
			NORTHERN SAFETY		
		1020SC	BANK OF THE WEST		795.31
6/25/13	EFT	6330AC	CITY OF SACRAMENTO	18.00	
			- PARKING		
		6330AC	CITY OF SACRAMENTO	11.00	
			- PARKING		
		6330AC	CITY OF SACRAMENTO	10.50	
			- PARKING		
		1020SC	BANK OF THE WEST		39.50
6/25/13	EFT	6040AC	LOWES - OFFICE	32.33	
			SUPPLIES		
		6183SC	SIERRA CHEMICAL -	115.19	
			SUPPLIES		
		1020SC	BANK OF THE WEST		147.52
6/25/13	EFT	6144N	WALMART - SUPPLIES	33.32	
		6310AC	QUIK STOP - FUEL	43.51	
		6144N	VTS VALERO - BOAT	12.78	
			FUEL		
		1020SC	BANK OF THE WEST		89.61
6/25/13	EFT	6166SC	WALMART - SUPPLIES	75.93	
		6166SC	LOWES - SUPPLIES	170.44	
		6600SC	RECOLOGY - DUMP	38.61	
			DEBRIS		
		6090AC	CAPCA - PEST	40.00	
			LICENSE		
		6230SC	PACIFIC COAST	87.85	
			HARDWARE -		
			SUPPLIES		
		1020SC	BANK OF THE WEST		412.83
6/25/13	EFT	6310AC	CHEVRON - FUEL	50.33	
		6041AC	AMAZON.COM -	62.28	
			PHONE CASE		
		6080AC	PRESERVE - SP	53.65	
			MEETING LUNCH		
		6310AC	CHEVRON - FUEL	118.81	
		6310AC	CHEVRON - FUEL	50.01	
		6040AC	AMAZON.COM -		44.17
			PHONE CASE		
		1020SC	BANK OF THE WEST		290.91
6/25/13	EFT	6040AC	TARGET - SODA	10.45	
		6040AC	NAPOLI PIZZERIA -	45.93	
			MANAGERS MTG		
		6040AC	REMOTELINK -	6.63	
			CONFERENCE CALL		
		6040AC	DESI TELEPHONE	36.21	
			LABELS - PHONES		
		6040AC	OFFICE MAX - BOD	280.46	
			LECTERN		
		6040AC	NUGGET - COOKIES	11.98	
			FOR BOD MTG		
		6040AC	THE BAKERY -	45.15	
			SANDWICHES FOR		
			BOD MTG		
		6040AC	NAPOLI PIZZERIA -	33.41	
			BOD MTG		

SOLANO COUNTY WATER AGENCY**Cash Disbursements Journal****For the Period From Jun 1, 2013 to Jun 30, 2013**

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

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		6040AC	BOD METG		
		6040AC	REMOTELINK -	27.34	
		6040AC	CONFERENCE CALL		
		6040AC	NAPOLI PIZZERIA -	62.46	
		6330AC	ADVISORY COMM		
		6330AC	THE STANDARD CLUB	765.60	
		2025SC	- MER CONFERENCE		
		2025SC	ACCRUED TAX - DESI		2.21
		1020SC	TELEPHONE LABELS		
		1020SC	BANK OF THE WEST		1,323.41
6/25/13	EFT	6230SC	WALMART - SUPPLIES	60.01	
		6042AC	WALMART - SUPPLIES	16.01	
		6181SC	WALMART - SUPPLIES	16.59	
		1020SC	BANK OF THE WEST		92.61
6/10/13	EFT	2020SC	Invoice: JUNE HEALTH	13,255.42	
		2020SC	2013		
		1020SC	CalPERS		13,255.42
6/14/13	EFT	6111AC	FSA SPENDING ADMIN	109.00	
		6111AC	JUNE 2013		
		1020SC	PAYCHEX, INC.		109.00
6/25/13	EFT	6330AC	BART WALNUT CREEK	10.00	
		6551AC	PARKING	10.00	
		6551AC	THE BAKERY	18.05	
		6166SC	AD SPECIAL T'S	310.55	
		6310AC	PLAZA OLIVER GAS	55.08	
		6310AC	FOOD - GAS		
		1020SC	BANK OF THE WEST		403.68
6/25/13	EFT	6199SC	ASAP LIEN SALES -	60.00	
		6199SC	TRAILER		
		6181SC	REGISTRATION		
		6181SC	CENTRAL AUTO	106.45	
		6199SC	PARTS - SUPPLIES		
		6199SC	STAPLES - SUPPLIES	30.19	
		6181SC	LOWES - SUPPLIES	10.72	
		6199SC	TOWN & COUNTRY	10.38	
		6199SC	MARKET - WATER		
		6199SC	ASAP LIEN SALES -	90.00	
		6199SC	TRAILER		
		6183SC	REGISTRATION		
		6183SC	DAVIS THE	162.08	
		6183SC	UPHOLSTERY -		
		6183SC	PADDING (JUTE)		
		6183SC	DAVIS ACE	74.46	
		6183SC	HARDWARE -		
		6181SC	SUPPLIES		
		6181SC	BIG O TIRES - TIRE	148.23	
		6199SC	TOWN & COUNTRY	8.38	
		6199SC	MARKET - WATER		
		1020SC	BANK OF THE WEST		700.89
6/13/13	EFT	2020SC	Invoice: 9705652511	1,860.17	
		1020SC	VERIZON WIRELESS		1,860.17
6/14/13	EFT	6111AC	Payroll Processing PPE	152.92	
		6111AC	06/11/13		
		1020SC	PAYCHEX, INC.		152.92
6/14/13	EFT	2024AC	Employee Liabilities	9,186.11	
		2024AC	PPE 6.08.13		

SOLANO COUNTY WATER AGENCY**Cash Disbursements Journal****For the Period From Jun 1, 2013 to Jun 30, 2013**

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

Date	Check #	Account ID	Line Description	Debit Amount	Credit Amount
		6012AC	Employer Liabilities	1,951.06	
			PPE 06.08.13		
		1020SC	PAYROLL TAXES		11,137.17
6/15/13	EFT	2020SC	Invoice: PPE 06.08.13	8,671.07	
		1020SC	CALPERS		8,671.07
6/15/13	EFT	2020SC	Invoice: PPE 06.08.13	2,626.22	
		1020SC	CalPERS		2,626.22
			SIP457/CITISTREET		
6/28/13	EFT	2020SC	Invoice: 2013062501	172.12	
		1020SC	PAYCHEX, INC.		172.12
6/28/13	EFT	2024AC	Employee withholdings	9,047.47	
			PPE 6.22.13		
		6012AC	Employer Liabilities	2,311.50	
			PPE 6.22.13		
		1020SC	PAYROLL TAXES		11,358.97
6/28/13	EFT	2020SC	Invoice: PPE 06.22.13	8,671.07	
		1020SC	CALPERS		8,671.07
6/28/13	EFT	2020SC	Invoice: PPe 06.22.13	2,626.22	
		1020SC	CalPERS		2,626.22
			SIP457/CITISTREET		
Total				1,510,271.65	1,510,271.65


SOLANO COUNTY WATER AGENCY



MEMORANDUM

Agenda Item No. 7

TO: Board of Directors

FROM: David B. Okita, General Manager 

DATE: July 11, 2013

SUBJECT: July General Manager's Report

This month's meeting will focus on our water conservation activities. This is very timely as the summer heats up and water use increases. I am very proud of the water conservation work done by SCWA staff and our cities and agricultural districts. We work very well together on collective programs that compliment what individual cities and districts do for their retail customers.

We will also show some of results of our water education/outreach program and have some of our water conservation student interns explain what they do.

Our water conservation programs are appropriate for Solano County. We can always do more with more funding, but because our water costs are relatively low and we have a relatively abundant water supply (compared to much of the rest of the State) we are not required to have an overly aggressive water conservation program. Our Federal water supply contract of the Solano Project requires us to have a water conservation program and State law sets targets for water efficiency, but there is some local discretion on the level of water conservation done.

We look forward to feedback form the Board in this important program.

If you have any questions, please contact me at 455-1103 or dokita@scwa2.com.

June2013.lt7.mem.doc

P.O. Box 349 • 6040 Vaca Station Road, Building 84
Elmira, California 95625-0349
Phone (707) 451-6090 • FAX (707) 451-6099
www.scwa2.com



Time Period Covered: June 2013

**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)

Construction Contracts (\$30,000 and less)

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

Ursula Heffernon, Education Consultant, High School Water Education Program, increase contract by \$2,000 from \$27,500 to \$29,500.

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

Construction contracts resulting from informal bids authorized by SCWA Ordinance

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

ACTION OF
SOLANO COUNTY WATER AGENCY

DATE: July 11, 2013

SUBJECT: Bay Delta Conservation Plan

RECOMMENDATION:

Adopt the following statement:

Agencies within Solano County have not taken a specific position on the BDCP. We have communicated local concerns about the BDCP and other Delta issues based on information available at the time utilizing guidance documents such as the Principles/Assurances document adopted by the County and SCWA Boards. We continue to assess potential impacts, and reserve further comment or issuance of a specific position on the Plan or alternative that may emerge upon further review of the Plan and environmental/economic documents and studies as they are released.

FINANCIAL IMPACT:

None.

BACKGROUND:

The Chairman appointed the Solano Delta Water Coordination Working Group at the May 9, 2013 Board meeting to address issues associated with the Bay Delta Conservation Plan. The Working Group continues to meet and will have further recommendations to the Board in the near future, but wanted to provide this recommendation in the interim.

Recommended: Solano Delta Water Coordination Working Group

<input type="checkbox"/>	Approved as recommended	<input type="checkbox"/>	Other (see below)
--------------------------	-------------------------	--------------------------	-------------------

Modification to Recommendation and/or other actions:

I, David B. Okita, 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 July 11, 2013 by the following vote.

Ayes:

Noes:

Abstain:

Absent:

David B. Okita
General Manager & Secretary to the
Solano County Water Agency

ACTION OF
SOLANO COUNTY WATER AGENCY

DATE: July 11, 2013

SUBJECT: Westside Sacramento Integrated Regional Water Management Plan

RECOMMENDATIONS:

1. Adopt Resolution 2013-4 approving the Westside Sacramento Integrated Regional Water Management Plan.
2. Authorize Chairman to execute a Memorandum of Understanding for implementation of the Westside Sacramento Integrated Regional Water Management Plan.

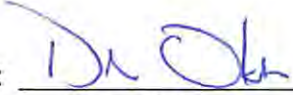
FINANCIAL IMPACT:

SCWA cost share of \$20,000 for first year of implementation of Westside Sacramento Integrated Regional Water Management Plan and staff time for IRWMP implementation tasks are included in the current budget.

BACKGROUND:

In accordance with the existing Memorandum of Understanding, agency staff of the Regional Water Management Group have recently completed the Westside Sacramento Integrated Regional Water Management Plan (Westside IRWMP). The Regional Water Management Group consists of the Lake County Watershed Protection District, Napa County Flood Control and Water Conservation District, Colusa Resource Conservation District, Solano County Water Agency, and Water Resources Association of Yolo County. At the June meeting of the Board of Directors, SCWA staff gave a presentation on the final draft Westside IRWMP.

Approval and implementation of the Westside IRWMP will increase regional coordination, collaboration, and communication regarding water issues among stakeholders in the Region. Westside IRWMP implementation will further assist in obtaining state funding for flood management, habitat restoration, and water related projects that fulfill the goals and objectives of the Westside IRWMP. Plan adoption is required by all members of the Regional Water Management Group, which the Water Agency is part of, and by all grant applicants to the state's IRWMP Program for current and future funding.

Recommended: 
David B. Okita, General Manager

☒ Continued on Next Page

☐ Approved as
recommended

☐ Other
(see below)

Modification to Recommendation and/or other actions:

I, David B. Okita, 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 July 11, 2013 by the following vote.

Ayes:

Noes:

Abstain:

Absent:

David B. Okita
General Manager & Secretary to the
Solano County Water Agency

Agenda Item No. 9

A new Memorandum of Understanding is needed for implementation of the Westside IRWMP. This Memorandum of Understanding retains the same governance structure as the planning Memorandum of Understanding with the staff led Coordinating Committee conducting the implementation of the Westside IRWMP under the direction of the Regional Water Management Group. Each member of the Regional Water Management Group is being asked to provide an initial cash contribution in the amount of \$20,000 towards the first year of Westside IRWMP implementation, along with limited in-kind staffing to share duties of implementation.

The full Westside IRWMP is available at www.westsideirwm.com/ or by a request from staff.

RESOLUTION NUMBER 2013-4

RESOLUTION OF THE SOLANO COUNTY WATER AGENCY

**RESOLUTION OF THE SOLANO COUNTY WATER AGENCY
ADOPTING THE WESTSIDE SACRAMENTO
INTEGRATED REGIONAL WATER MANAGEMENT PLAN
PURSUANT TO THE SAFE DRINKING WATER, WATER QUALITY AND SUPPLY,
FLOOD CONTROL, RIVER AND COASTAL PROTECTION BOND ACT OF 2006
(PROPOSITION 84)**

WHEREAS, the Solano County Water Agency is a signatory to the Westside Planning MOU (MOU) which was established to develop and adopt the Westside Integrated Resource Water Management Plan (IRWMP) for its members; and

WHEREAS, the Solano County Water Agency appointed two representatives to serve on the Westside Planning MOU Coordinating Committee (CC) responsible for developing the IRWMP and related activities; and

WHEREAS, the CC developed the IRWMP taking into account Proposition 84 guidelines and legislation, available funding sources, relevant sections of the California Water Code, watershed data and resources within and adjacent to the Westside region, projects and priorities of Westside signatories and stakeholders, and IRWMP implementation strategies; and

WHEREAS, the IRWMP has been developed through a collaborative process including the Coordinating Committee, signatory Governing Boards and agency representatives, and interested stakeholders; and

WHEREAS, there were many public meetings and opportunities for stakeholders to participate and engage in the IRWMP development process; and

WHEREAS, the IRWMP was developed to meet all state guidelines and requirements and is expected to be accepted by the California Department of Water Resources as a complying IRWMP for current and future purposes; and

WHEREAS, the Westside Implementation MOU would replace the Westside Planning MOU as the guiding basis for Westside governance actions and activities upon adoption of the IRWMP by all signatories; and

WHEREAS, the Solano County Water Agency Board reviewed the Final Draft IRWMP at its June 13 2013 Board Meeting as part of the public review process prior to Board approval, and

WHEREAS, the Solano County Water Agency Board considers the IRWMP to accurately reflect resource data and information within the region as of July 1, 2013.

NOW THEREFORE, BE IT RESOLVED, that the Westside IRWMP is hereby adopted by the Solano County Water Agency Board considering public review opportunities provided through the Westside process prior to action at the Solano County Water Agency Board meeting on June 13, 2013. The Solano County Water Agency Board further resolves and orders the following actions:

1. The Westside Planning MOU is hereby terminated by all signatories, including the Solano County Water Agency, as of the date of the last Westside signatory to adopt the Westside IRWMP.
2. The Westside Implementation MOU is hereby approved by the Solano County Water Agency and in effect as of the date as of the last Westside signatory to adopt the Westside IRWMP.
3. The Solano County Water Agency has authorized a FY13-14 \$20,000 allocation to fund its share of the Westside Implementation MOU process (to be evaluated annually).
4. The Solano County Water Agency concurs with the FY13-14 Westside Implementation MOU priorities.
5. The Solano County Water Agency Board shall be kept apprised of IRWMP implementation activities.

Approved and Adopted on the 11th day of July, 2013. I, the undersigned, hereby certify that the foregoing Resolution was duly adopted by SOLANO COUNTY WATER AGENCY following a roll call vote:

Ayes:

Noes:

Abstain:

Absent:

David B. Okita, Secretary to the
Board of Directors of the
Solano County Water Agency

MEMORANDUM OF UNDERSTANDING
IMPLEMENTATION OF THE WESTSIDE SACRAMENTO
INTEGRATED REGIONAL WATER MANAGEMENT PLAN

1. PURPOSE

The purpose of this Memorandum of Understanding (MOU) is to implement the Westside Sacramento Integrated Regional Water Management Plan (Westside IRWMP) by the Westside Sacramento Regional Water Management Group (RWMG). The RWMG consists of the Lake County Watershed Protection District, Napa County Flood Control and Water Conservation District, Solano County Water Agency and Water Resources Association of Yolo County. The basis of the designation of the Westside Sacramento Region (Region) is generally the Putah and Cache Creek watersheds, as shown in Exhibit A. Implementation of the Westside IRWMP will increase regional coordination, collaboration, and communication regarding water issues among stakeholders in the Region. Implementation of the Westside IRWMP will also assist in obtaining funding for flood management, habitat restoration and water related projects that fulfill the goals and objectives of the Westside IRWMP.

This MOU supersedes the MOU signed by the RWMG in September of 2010, as amended, to develop the Westside IRWMP.

2. GOALS

To foster coordination, collaboration and communication between the RWMG and other agencies responsible for water resources- related issues and interested stakeholders to achieve greater efficiencies, to provide for integration of projects, enhance public services and build public support for vital projects.

To implement the Westside IRWMP to facilitate regional cooperation towards the challenges and opportunities in water supply reliability, water recycling, water conservation, water quality improvement, storm water capture and management, flood management, wetlands enhancement and creation, and environmental and habitat protection and improvements.

The goals and objectives of the Westside IRWMP are detailed in Section 6 of the Westside IRWMP.

3. DEFINITIONS

Coordinating Committee: A committee comprised of representatives of the RWMG to work with other Regions in the Sacramento River Funding Area and the state to manage the

Westside IRWMP and to seek out and apply for funding for projects and programs that address the goals and objectives of the Westside IRWMP.

Stakeholders: Entities, such as governments, agencies, business organizations, non-profit groups, tribes and Public Utility Commission regulated entities interested in ensuring long term water supply, water quality, flood management and water related natural resources.

Westside Sacramento Integrated Regional Water Management Plan: The Westside IRWMP was prepared pursuant to California Water Code Section 10530 et sec. It integrates the projects and management plans of water resource related agencies and stakeholder organizations located in a defined region, in this case the Westside Sacramento Region of the Sacramento River Proposition 84 Funding Area, in order to foster coordination, collaboration, and communication among those entities and to assist decision-makers in identifying and applying for grants and other funding in support of identified regional goals and objectives.

Westside Sacramento Regional Water Management Group: The RWMG consists of the Lake County Watershed Protection District, Napa County Flood Control and Water Conservation District, Solano County Water Agency and Water Resources Association of Yolo County and are signatories to this MOU.

4. IRWMP PARTICIPANTS

Westside IRWMP participants include the RWMG and any stakeholders interested in water related issues in the Region.

5. MUTUAL UNDERSTANDINGS

Need for an IRWMP

Integrated regional water management fosters increased coordination, collaboration and communication between water-related agencies and interested stakeholders that may result in more effectively managed resources, cost efficiencies and better service to the public.

In addition, a qualified IRWMP is required by state law for receiving IRWMP implementation grants from Proposition 84 funds and will likely be required for any future state funding programs.

Scope of the IRWMP

The Westside IRWMP defines a clear vision for the management of water resources in the Region and highlights important actions needed to accomplish that vision through the year 2035. The Westside IRWMP is intended to be a useful planning tool, and nothing more. It does not provide discretionary approval for any given project. Rather, it provides a

framework for improved understanding and actions to address the major water-related challenges and opportunities facing the Region through the planning horizon.

Geographical Scope of the IRWMP

The boundaries of the Westside Sacramento Region of the Proposition 84 Sacramento River Funding Area are shown in in Exhibit A.

6. GOVERNANCE

One of the key considerations for the Westside IRWMP is the governance structure chosen to perform the tasks necessary to develop and implement the Westside IRWMP. Section 11 of the Westside IRWMP provides the details of the governance structure to be used to implement and update the Westside IRWMP over the next 20 years, it is summarized below.

The RWMG Governing Boards have appointed representatives to the Coordinating Committee (CC), comprised of one staff representative and an alternate from each member of the RWMG. All CC meetings will be compliant with the Brown Act (Government Code Sections 54950-54960.5).

As described in the Governance Section of the Westside IRWMP, the CC will be responsible for coordinating implementation of the Westside IRWMP including, but not limited to, promoting progress on Westside IRWMP objectives, conducting stakeholder meetings, engaging the public, maintaining the Westside IRWMP website, pursuing grant funds for implementation, coordinating related efforts, finance implementation coordination activities, updating the project list, and, subject to the RWMG Governing Boards approval, updating the Westside IRWMP. Any decisions by the CC shall not cause an increase in expenditures beyond amounts authorized by the RWMG per the Cost Share provision of this MOU.

The CC will have a Chair and Vice Chair; the Chair shall be responsible for coordinating and running meetings as described in the Governance Section of the Westside IRWMP.

A summary of the major Governance components is found below, detailed descriptions of each component are found in Section 11 of the Westside IRWMP.

Decision Making

Decisions authorized by the RWMG, through their representatives on the CC, will continue to be made using broad stakeholder agreement as during development of the Westside IRWMP. If broad agreement cannot be made, the CC will vote on decisions, with a simple majority vote required for final decisions.

Roles and Responsibilities

Long-term Implementation of the IRWMP

Implementation of the Westside IRWMP will rely on actions taken by existing agencies and organizations within the Region. The RWMG as represented by the CC will provide leadership for fostering cooperation, continuing coordination, tracking of Westside IRWMP performance, and updating the Westside IRWMP.

Public Involvement Processes

CC/Stakeholder input meetings will be held quarterly, or as needed, to discuss implementation issues. The CC may convene additional meetings as necessary to support fulfilling the objectives of the Westside IRWMP. The meetings will be announced and open to the public.

Coordination with Neighboring IRWMP Efforts, State Agencies, and Federal Agencies

Members of the CC will engage with neighboring IRWMP efforts and continue to communicate with California Department of Water Resources and other state and federal agencies that have interests or could impact meeting the objectives of the Westside IRWMP.

Making Changes to the IRWMP

The CC will review the Westside IRWMP at least once every five years to determine if the content needs to be changed in a significant way.

If significant changes are needed, the CC will lead the process for revising the Westside IRWMP. Once substantial revisions are made, the CC will request that the RWMG and project proponents adopt the revised Westside IRWMP.

Updating the IRWMP Project List

The CC may add projects to the Westside IRWMP, without formally amending the Westside IRWMP, that further the goals and objectives of the Westside IRWMP. The CC will invite stakeholders and project proponents at least once per year to submit additional projects for consideration to be included in the Westside IRWMP or updates to projects already included in the Westside IRWMP.

Pursue Funding for Implementation

The RWMG will not serve as fiscal agent for funding opportunities, but rather help identify a willing agency or organization with the appropriate authority and financial conditions to serve as a fiscal agency for each specific funding opportunity that is pursued.

As described in the Westside IRWMP, the CC will research, help identify and pursue funding opportunities that could help implement the projects and meet the objectives included in the Westside IRWMP.

Term

This MOU shall take effect upon signature or counter signature of the authorized representatives of the RWMG. This MOU shall expire on December 31, 2035 or upon its replacement by a subsequent MOU, or other instrument.

Cost Share

The CC will prepare an annual operating budget, linked to an annual work plan , to fulfill the roles of the CC. This budget will be presented and discussed at a CC/Stakeholder meeting. The RWMG (and potentially other agencies/organizations within the Region) may provide funds or in-kind services to fulfill the roles of the CC for the purposes of implementing the Westside IRWMP. The CC may direct the expenditure of funds for any roles defined for the CC in support of the Westside IRWMP.

The RWMG has authorized \$80,000 as an initial operating budget for fiscal year 2013/2014 towards implementation of the Westside IRWMP, with each RWMG partner contributing \$20,000 in funds.

The level and allocation of cash and in-kind services contributed by the RWMG members and other contributing agencies/ organizations within the Region to fulfill the roles of the CC for the purposes of implementing the Westside IRWMP will be reviewed, adjusted and approved by each RWMG member on an annual basis.

Withdrawal from the MOU

If any of the RWMG desires to withdraw from this MOU once adopted, the following conditions must be followed:

- 1) Written notification of intent to withdraw from the MOU must be submitted to all RWMG members;
- 2) Withdrawal from this MOU may occur at anytime with 90 days written notice. However, once a RWMG member makes a payment for annual funding for implementation of the Westside IRWMP, no refunds of that contribution are made in the event of a withdrawal.

Personnel

It is expected that RWMG members will contribute the staff time necessary to meet the goals of this MOU.

Reports and communications

Members of the CC will regularly report on the status of the Westside IRWMP to the RWMG and stakeholders. An annual report detailing project and program work completed, outreach and coordination, and the annual work plan and budget shall be prepared for the RWMG in the first quarter of each year.

Execution

This MOU may be executed in counterparts and the signed counterparts shall constitute a single instrument. The signatories to this MOU represent that they have the authority to bind their respective agency to this MOU.

7. SIGNATORIES TO THE MEMORANDUM OF MUTUAL UNDERSTANDINGS.

We the undersigned representatives of our respective agencies, acknowledge the above as our understanding of the implementation of the Westside Sacramento Integrated Regional Water Management Plan.

Jim Spering, Chairman, Solano County Water Agency

William L. Marble, Chairman, Water Resources Association of Yolo County

Jill Techel, Chairman, Napa County Flood Control and Water Conservation District

Jeff Smith, Chairman, Lake County Watershed Protection District

EXHIBIT A

Map of the Westside Sub-Region of the Sacramento River Funding Area



Executive Summary

This *Integrated Regional Water Management Plan* (IRWM Plan) defines a clear vision for the management of water resources in the Westside Sacramento Region (Region) and highlights important actions needed to help accomplish that vision through the year 2035. This Westside IRWM Plan complies with the *Integrated Regional Water Management Guidelines for Proposition 84 and 1E* published by the California Department of Water Resources (DWR) in November 2012. Financial assistance from DWR and contributions from the Regional Water Management Group funded the development of this Plan.

Proposition 84 identified watershed-based funding areas throughout the state, with the Westside Region being a part of the Sacramento River Funding Area. Each Funding Area is allocated, based on population, a portion of the \$1 billion approved by the voters under Proposition 84 in 2006. Predecessor bonds, including Propositions 13 and 50, also provided incentives for development of IRWM Plans. DWR designed the IRWM planning process to be consistent with the *California Water Plan*, a statewide water resources planning document updated periodically, and DWR intends that IRWM Plans and future updates of the *California Water Plan* be integrated further in the future.

1.1 Introduction (Section 1)

The information contained within this IRWM Plan provides an opportunity for more than 70 water supply, land use management, flood management, and ecosystem-focused organizations operating within the Region to accomplish more than they could accomplish individually. The array of goals, objectives, selected resource management strategies, and high-priority projects represent a collective view of how to improve integrated water management throughout the Region. The Plan establishes a clear path forward both to increase the collective understanding of integrated water management throughout the Region and to respond collaboratively to the challenges of managing water and associated natural resources. If this integrated planning effort has been successful, this IRWM Plan will be a dynamic and useful planning tool for the Region. While it does not provide discretionary approval for any given project, it does provide a framework to improve understand

ing and take high-priority actions to address the major water-related challenges and opportunities facing the Region through 2035.

To represent the Region, four agencies and an association of agencies formed the Regional Water Management Group (RWMG) through a *Memorandum of Understanding* (MOU). The RWMG includes Lake County Watershed Protection District (WPD), Napa County Flood Control and Water Conservation District (FC&WCD), Colusa County Resource Conservation District (RCD), Solano County Water Agency (SCWA), and Water Resource Association (WRA) of Yolo County. The Westside RWMG satisfies the requirements of such an entity per the California Water Code (CWC) Section 10539. The participating agencies and association joined together to develop this IRWM Plan that:

- Foster[s] coordination, collaboration, and communication among entities responsible for water-related issues and interested stakeholders to achieve greater efficiencies, provide for integration of projects, enhance public services, and build public support for vital projects; and
- Facilitates regional cooperation in providing water-supply reliability, water recycling, water conservation, water-quality improvement, stormwater capture and management, flood management, wetlands enhancement and creation, and environmental and habitat protection and improvements, and other elements...

The RWMG appointed a Regional Coordinating Committee (CC) to guide development of and support implementation of the Plan. The CC consists of one staff representative and an alternate appointed from each of the agencies and association that make up the RWMG.

The collective vision presented in this Plan aims to address the major challenges and opportunities related to managing water and associated natural resources within the Region. The numerous and complex challenges and opportunities addressed in this Plan are captured in the following primary focal points:

- Continue to provide safe and reliable water supplies for a variety of uses.

- Improve habitat and ecosystem health (including the monumental challenge of addressing effects caused by numerous invasive species).
- Manage a wide array of risks including public health, fire, flood, and potential disruptions to institutional services.
- Sustain and modernize water supply, water quality, and flood management infrastructure.
- Address many significant and long-standing water quality concerns.
- Foster the reasonable use of water and associated natural resources within the Region through the adoption of evolving technologies and best management practices.
- Further the collective understanding of watershed functions and groundwater basins.
- Improve education and awareness among citizens about the importance of sustainable water and natural resources management, and the crucial roles citizens play.
- Improve opportunities for water-based recreation.

1.2 The Westside Region (Section 2)

The Westside Region is vast and encompasses approximately 3,000 square miles, from the Coastal mountain range in the west to the Sacramento River and Sacramento-San Joaquin River Delta on the south and east. The Region includes all of Yolo County and portions of Lake, Napa, Solano, and Colusa Counties that are within the Cache Creek and Putah Creek watersheds. Major communities within the Region include the cities of Clearlake, Davis, UC Davis, Dixon, Lakeport, Rio Vista, Vacaville, West Sacramento, and Woodland. The Westside Region includes the two principal watersheds of Putah and Cache Creeks and other areas of land in the northern portion of Yolo and Solano Counties, as shown on Figure ES-1 on the following page. Figure ES-1 also shows the 3 Planning Areas delineated for the purposes of technical analysis which include the Upper Cache Creek, Upper Putah Creek and Valley Floor Planning Areas. This Region includes areas that share many common water supply sources and groundwater basin interconnections including the following features:

- Surface water bodies: Clear Lake, Lake Berryessa, and Indian Valley Reservoir; and
- Major water-related infrastructure: Monticello Dam, Indian Valley Dam, Cache Creek Dam, and Capay Diversion Dam.

The lakes, creeks, wetlands, sloughs, Delta, and other water features of the Region provide key habitat for many of California's most important fish and wildlife species. The Region encompasses the service areas (or partial service areas) of multiple local agencies, including more than 90 entities with water and related resource management responsibilities.

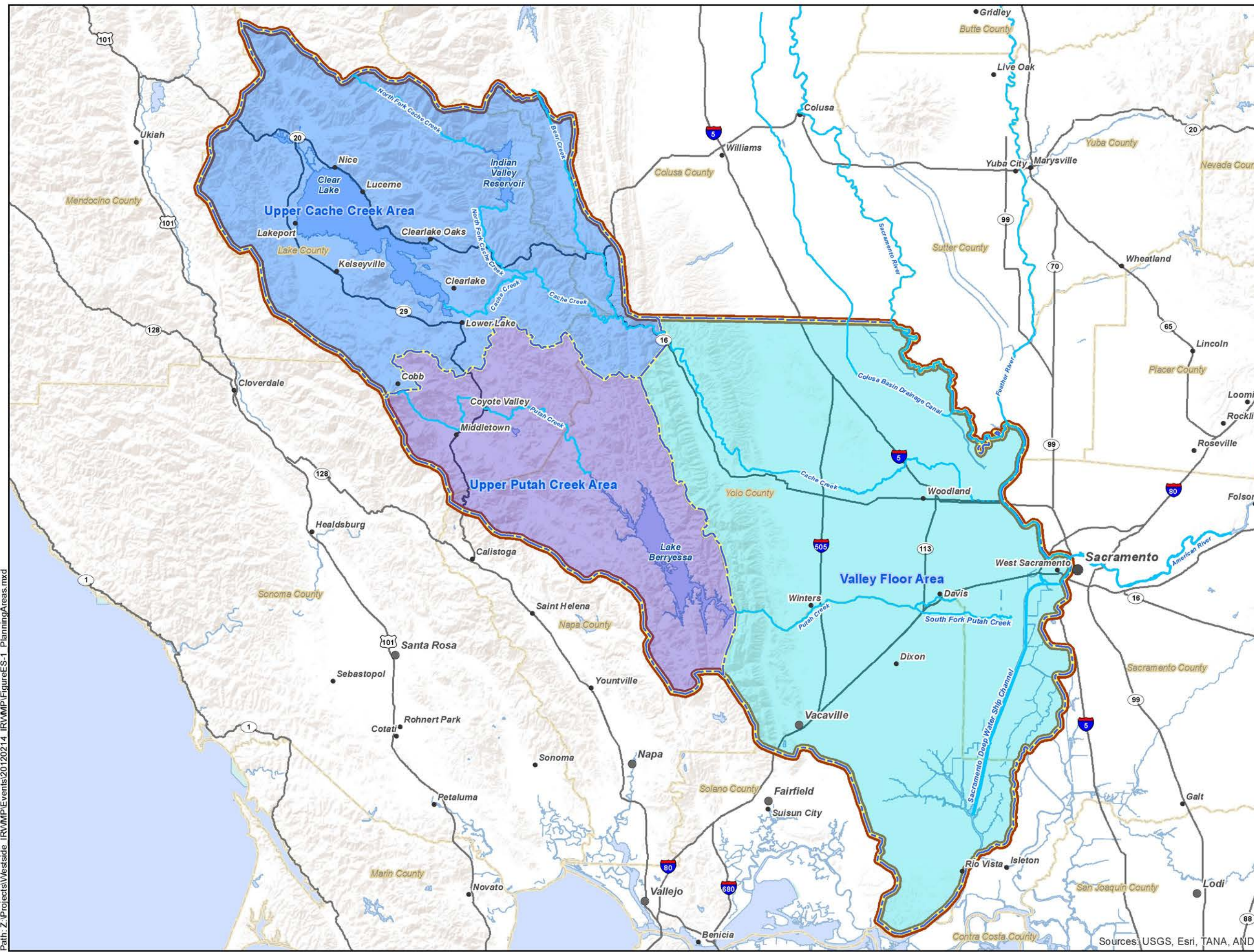
Approximately 390,000 people live within the Region today, with the majority of the Upper Cache and portions of the Valley Floor Planning Area meeting the definition of a disadvantaged community (DAC). Much of the valley area lands support significant agricultural activities. Even so, the vast majority of the land within the Region remains undeveloped. The communities throughout the Region value preservation of these open spaces and agricultural lands. In addition, many residents both inside and outside the Region demonstrate interest in restoring elements of the Region's historical environmental function.

1.3 Existing and Future Conditions (Section 3)

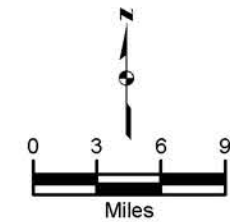
Section 3 provides an overview of the existing and expected future conditions for the Region that are relevant to creating an IRWM Plan. The description includes information about key water management infrastructure (both constructed and naturally occurring), summarizes and presents important data, introduces some of the major challenges, and offers observations about the current water management system based on available data. The information is organized and presented as it relates to the topics of water quantity, water quality, flood protection, environmental resources, and the potential affects from climate change.

A region the size of Westside Sacramento is extremely complex and the operational aspects of managing water and the associated infrastructure and other resources within the Region require extensive knowledge of many important details. The amount of data and information related to water management that one could consider across the Region can be overwhelming. In keeping with the

Path: Z:\Projects\Westside IRWMP\Events\20120214 IRWMP\FigureES-1 PlanningAreas.mxd



- Legend**
- Cities
 - County Boundaries
 - Westside Region
 - Streams
 - Projected Flow Pathway
 - Water Bodies
- Planning Areas**
- Upper Cache Creek Area
 - Upper Putah Creek Area
 - Valley Floor Area



Kennedy/Jenks Consultants



Planning Areas

K/J 1170019.00
June, 2013

Figure ES-1

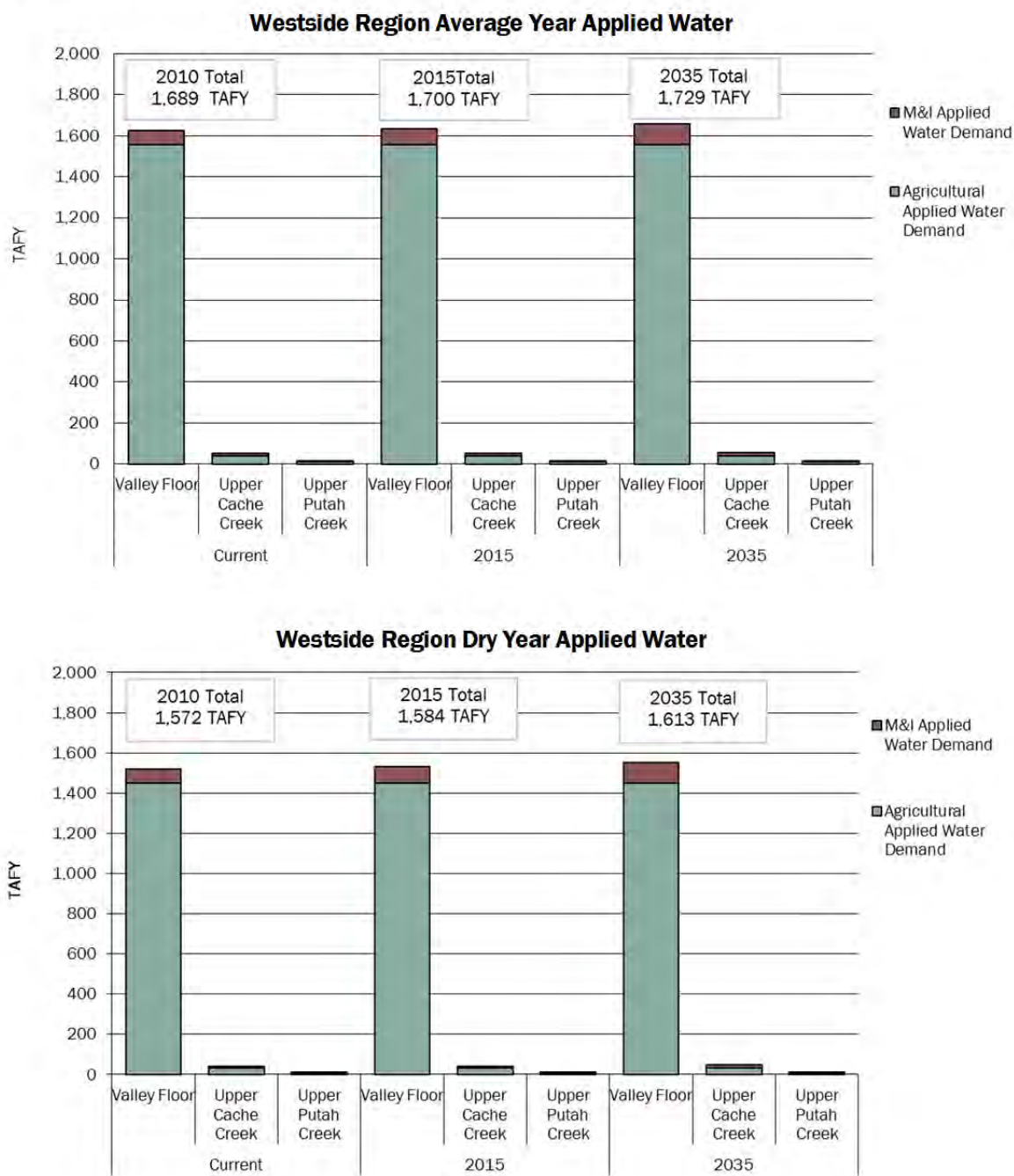
Sources: USGS, Esri, TANA, AND

goals for the IRWM planning process, strategic information is presented in this section in a synthesized way designed to help promote understanding and support decision makers and stakeholders to work together more effectively in ways that benefit the Region as a whole.

Some key points specific to the Westside Region presented in Section 3 include:

- As shown on Figure ES-2, the region uses about 1.5 million acre-feet per year (AFY) of water in an average year and about 1.7 million AFY in a dry year. Agriculture is estimated to use about 94 percent of the water in the Region on an average annual basis with 96 percent of all water used in the Region occurring in the Valley Floor Planning Area.

Figure ES-2: Current and Future Water Demands



- Surface water accounts for approximately 66 percent of the water used in an average year in the Region. Much of the Region also has access to groundwater allowing conjunctive management of surface water and groundwater sources for increased reliability and resilience to drought and climate change. However, those areas reliant on a single source of supply are at risk for shortages.
- Key water quality concerns center around mercury primarily in the Upper Cache Creek Planning Area and nutrients in Clear Lake; total maximum daily loads (TMDLs) have been developed for several water bodies for these constituents. Groundwater quality concerns include arsenic, boron, chromium, iron, manganese, and selenium.
- Several locations within the Region are susceptible to flood, namely the upper lake area of Clear Lake and the areas adjacent to the Sacramento River in the Valley Floor Planning Area.
- The proximity of the Westside Region to the Sacramento-San Joaquin River Delta (Delta) necessitates consideration of the myriad environmental, water quality, and flow concerns associated with Delta restoration. In addition, restoration of the Clear Lake hitch, a native fish unique to Clear Lake and management of invasive species are other significant concerns.

1.4 Water and Land Use Planning (Section 4)

Water management and land use are inherently linked in that the activities and processes that occur on the land directly affect the use and movement of water within a watershed. These linkages between land use and the hydrologic cycle, and similarly between water management and the ability to support particular land uses, are important to consider when making decisions about either land or water. DWR recognizes these linkages and requires that IRWM Plans describe the relationships and interactions between regional planning efforts fostered by the Regional Water Management Group and local water planning and local land use planning. Section 4 describes how land use planning and decision making are coordinated with water management planning and implementation within the Region and highlights opportunities for improved coordination particularly in the areas of improved collaboration with federal and state land management agencies and flood management.

1.5 Challenges and Opportunities (Section 5)

A region the size of Westside Sacramento is extremely complex and challenging. Managing the operational aspects of water and the associated infrastructure and other resources within the Region requires extensive knowledge of many important details, and presents several water-related challenges and opportunities. These challenges and opportunities were identified through multiple conversations with resource managers and other stakeholders and were informed by the information presented in Sections 2 - 4 of this Plan. The term "challenges and opportunities" is used to mean the water-related items of interest or concern within the Region. The challenges and opportunities identified include:

Improve Education and Awareness

Raising citizens' awareness of their role in sustaining the Region's water and natural resources will be vital. Many individuals and organizations throughout the Region who are interested in water resources management are already engaged in efforts that support the work of water management entities; however, this is not enough to satisfy the objectives in this IRWM Plan. Fulfilling the vision for integrated water management presented in this Plan will require more education for and broader participation of residents within the Region.



Improve Habitat and Ecosystem Health

The Region contains habitats for a broad range of terrestrial and aquatic, state and federally recognized special-status species. In particular, aquatic species specific to the Sacramento-San Joaquin River Delta

and vernal pools, such as Delta smelt, vernal pool fairy shrimp, and steelhead, have led to ongoing preparation of habitat conservation plans by several counties in the Region as well as the California Natural Resource Agency's Bay Delta Conservation Plan.

In addition, a number of aquatic/riparian invasive plants and animal species either already occur or pose a significant threat to the Region. Invasive animal species occurring in the Region include New Zealand mud snails (currently confined to Putah Creek). Dreissenid mussels, such as quagga and zebra mussels, have not yet been found in the Region. However, because of their presence in nearby watersheds, the threat of infestation is real and the potential consequences daunting. Regional resource management agencies have already initiated activities to prevent the introduction of these mussels to the Region, but more must be done. Several invasive plant species, including *Arundo donax* (giant reed), water hyacinth, Eurasian milfoil, and ravenna grass, already cause significant negative impacts in the Region.

Provide Safe and Reliable Water Supplies

Water is used within the Region predominantly for agricultural irrigation. Municipal and industrial (M&I) use is small relative to agricultural use but vital, because it supports a number of local communities. Although some population growth is expected throughout the Region between now and 2035, agriculture is expected to remain the dominant water use into the foreseeable future.

Existing water supplies within the Region are generally sufficient to fulfill the current M&I and agricultural demands during an average water year. However, in dry years, decreased surface water availability could create negative effects for agricultural and municipal users alike. In years with decreased surface water supply, many agricultural users convert to more expensive groundwater or fallow their land for that year. Some municipal suppliers could experience occasional short-term shortages and might be required to use alternative supplies under the driest of expected conditions. This IRWM Plan includes objectives and numerous strategies to maintain or increase the reliability of water supplies for agricultural and municipal users within the Region.

Many water users rely on conjunctive water management (meaning the strategic and coordinated use of a variety of surface and groundwater sources),

which will be essential to the sustainability of a reliable water supply in the future. The water-supply portfolio for the Region is diverse and includes the following primary sources: Lake Berryessa supplied by Upper Putah Creek; Clear Lake and Indian Valley Reservoir in Upper Cache Creek; State Water Project (SWP); Central Valley Project (CVP); Sacramento River; and multiple groundwater aquifers.

Groundwater supplies have been relatively stable, especially in the eastern portion of the Region, since historical groundwater overdraft was corrected with the construction of Monticello Dam on Upper Putah Creek and Indian Valley Dam on the North Fork of Cache Creek. These dams created Lake Berryessa and Indian Valley Reservoir, respectively, which substantially increased conjunctive use of surface water and groundwater throughout Yolo and Solano Counties. Some areas that still rely solely on groundwater occasionally experience the effects of periodic overdraft and subsidence, both of which may occur after multiple years of drought conditions. An improved understanding of the interconnections between the watersheds and groundwater basins of the Region may lead to additional conjunctive water management opportunities on a regional level.



Sustain and Modernize Infrastructure

The water management system within the Region includes a wide array of infrastructure, such as dams, canals, distribution systems, treatment systems, groundwater wells and pumps, and levees. As the infrastructure ages, the risks of disruption or damage increase. Maintaining, modernizing, and improving this extensive infrastructure to continue to provide the expected level of service will require significant investment and effort over the next 20 years.

Foster Reasonable Use

The growing number of water-related conflicts within California, in particular related to the Sacramento-San Joaquin Delta, increase expectations to foster the reasonable use of water and promote environmental and natural resource stewardship within all regions of California. This IRWM Plan addresses opportunities to increase the wise use of water within the Region and explores ways to reduce negative impacts related to human water use and waterway management.

Manage Risks

Citizens within the Region face a number of other water-related risks that must be managed, including public health hazards associated with water quality and water-borne pathogens; flood hazards; fires; and other potential disruptions to water supply availability. Flood hazards pose a significant challenge for certain areas within the Region, specifically the tributaries to and lakefront areas of Clear Lake, as well as the floodplains of the Sacramento River.

Further Collective Understanding of Watersheds and Aquifers

As human activities related to water resources in the Region and demands on these resources continue to increase, a more robust understanding of the functions of the watersheds and groundwater basins becomes more crucial. This IRWM Plan summarizes much of what is known about the natural and constructed water management systems within the Region and identifies areas where additional investments to improve understanding are important.

Address Water Quality Concerns

The protection and improvement of water quality is essential to both human health and aquatic ecosystem function. Surface water quality within the Region can affect the cost of providing safe drinking water, and it directly impacts ecosystem function. Issues such as mercury contamination, cyanobacteria management, long-term groundwater quality degradation, and other surface water quality concerns are addressed in this IRWM Plan. Groundwater quality varies throughout the Region and among different aquifer formations. Groundwater quality can affect managers' ability to meet wastewater discharge requirements in the future. Some agencies that currently rely on groundwater for drinking water supplies are working

to develop surface water supplies to help address these concerns.

Improve Opportunities for Recreation

Finally, the lakes and streams in the Region support an array of water-based recreation including fishing, swimming, water skiing, sailing, boating, jet skiing, and white-water sports. These recreational opportunities are enjoyed by both residents of and visitors to the Region. Protecting the Region's waterways to maintain and improve recreational opportunities is important to the quality of life for residents and the economic vitality of the Region.

1.6 Goals and Objectives (Section 6)

The goals and objectives presented in this section represent the foundational intent of this IRWM Plan. Formulating meaningful and relevant goals and objectives for the Westside Sacramento Region required more collaboration and collective interaction than any other topic of this Plan. Section 6 presents the goals and objectives and describes how they were developed. Within this Plan, the term "goal" is used to mean a desired outcome or result for which effort will be made to accomplish it. In contrast, the term "objective" is used to mean a specific and tangible outcome that is intended to be achieved by or during a designated time.

The plan goals are listed alphabetically below:

1. Acknowledge and respect the cultural values and resources of the Region.
2. Improve education and awareness throughout the Region about water, watershed functions, and ecosystems and the need for sustainable resource management to protect community health and well-being.
3. Improve the collective understanding of watershed characteristics and functions (natural and human-induced) within the Region as needed to respond effectively to evolving water resources management challenges and opportunities (e.g., climate change).
4. Improve the form and function of degraded natural channels.
5. Improve water-related public health across the Region and emphasize improvements for populations most in need.

6. Preserve and enhance water-related recreational opportunities.
7. Preserve, improve, and manage water quality to meet designated beneficial uses for all water bodies within the Region.
8. Promote reasonable use of water and watershed resources.
9. Protect and enhance habitat and biological diversity of native and migratory species.
10. Provide reliable water supplies of suitable quality for multiple beneficial uses (e.g., urban, agriculture, environmental, and recreation) within the region.
11. Reduce the risks of disruptive natural and human-caused disturbances affecting the region's water resources, including flooding, fire,

and significant institutional interruptions that reduce resources management services.

12. Support improved regional water management through governance throughout the Region that uses science and collaboration to make fair and equitable decisions and investments.
13. Support sustainable economic activities consistent with local and state government planning efforts within the region.

The following table ES-1 presents the Plan Objectives. Each objective was prioritized by assigning it an "importance" and "urgency" priority and linked to one or more of the goals as shown. Section 6 provides a description of the quantitative and/or qualitative measurements that will be used to track completion of the objectives.

Table ES-1: Summary of Objectives

Summary of Objective		Importance*	Urgency**	Plan Goals
Education and Awareness Focus				
1	Provide and promote use of educational curricula for K-12 students designed to increase awareness of watershed and resource stewardship and how individual stewardship relates to community health and well-being, for K-12 students from July 2013 through the planning period.	Medium	Low	2, 3, 8, 12
2	Provide educational information for the adult population designed to increase awareness of watershed and resource stewardship and how individual stewardship relates to community health and well-being within the Region, from July 2013 through the planning period.	Medium	Low	2, 3, 8, 12
Habitat Focus				
3	Restore native vegetation and form and function along riparian corridors, canals, and other aquatic sites throughout the Region through 2035 to provide stream shading, habitat enhancement, and increased biological diversity.	Medium	Medium	1, 4, 6, 9
4	Quantify the extent of suitable life-cycle habitat currently accessible to Threatened/Endangered/Imperiled (T/E/I) native fish within the Region by December 31, 2014.	High	Medium	3, 6, 9, 12
5	Prioritize, plan, and schedule improvements in suitable life-cycle habitat accessible to T/E/I native fish within the Region by December 31, 2015.	High	Medium	3, 6, 9, 12
6	Increase availability of suitable life-cycle habitat for T/E/I native fish identified by Objective 5.	High	Medium	4, 6, 9

Summary of Objective		Importance*	Urgency**	Plan Goals
7	Prevent colonization of any regional water body by quagga mussels or zebra mussels and eliminate or prevent the spread of New Zealand mud snails from Putah Creek during the planning period.	High	High	6, 9, 10, 13
8	Establish an invasive plant management plan (including specific and measurable targeted outcomes for species of concern and a schedule to accomplish target outcomes) for the entire Region by December 31, 2015.	High	High	3, 4, 6, 9, 11, 12
9	Implement programs and projects to meet the outcomes defined in the invasive plant management plan developed through Objective 8 (according to the schedule provided in that plan).	Medium	Medium	4, 6, 9, 11
Infrastructure Focus				
10	Create an asset management plan for key water management infrastructure within the Region consistent with the guidance provided in the International Infrastructure Management Manual, by December 31, 2015.	Medium	Low	2, 3, 7, 10, 11, 12, 13
Reasonable Use Focus				
11	Meet 20% by 2020 statewide water conservation targets by December 31, 2020.	Medium	Medium	8, 10, 13
12	Increase adoption of locally cost-effective agricultural BMPs throughout the planning period.	Medium	Medium	4, 7, 8, 10, 13
Recreation Focus				
13	Maintain and increase water-related recreational opportunities within the Region throughout the planning period.	Medium	Low	6, 13
Risk Management Focus				
14	Provide adequate flood protection for all urban and rural areas within the region by December 31, 2050.	High	Medium	4, 5, 11, 13
15	Manage watershed activities and conditions to reduce the risk of large erosion events that could increase undesirable sediment loading to water bodies throughout the planning period.	Medium	Medium	4, 6, 7, 8, 11
Understand Watershed Function Focus				
16	Monitor planning of state and federal water-related projects and programs in the Delta and estimate potential local impacts throughout the planning period.	Medium	High	3, 12
17	Monitor conditions and improve understanding to support sustainable use of groundwater basins within the Region as an important part of water supply throughout the planning period.	High	Low	3, 7, 10, 12, 13
18	Maintain and enhance monitoring network and information sharing to support management of watersheds and natural resources within the Region throughout the planning period.	High	Medium	2, 3, 7, 10, 11, 12, 13

Summary of Objective		Importance*	Urgency**	Plan Goals
Water Quality Focus				
19	Address pollutant sources to meet runoff standards and satisfy targets as described in specific TMDLs within the Region throughout the planning period.	High	Medium	5, 6, 7, 9
20	Minimize accidental spillage/discharges of wastewater to receiving waters throughout the planning period.	Medium	Medium	5, 6, 7, 9, 13
21	Reduce public health risks by reducing contaminants of concern in drinking water sources throughout the planning period.	Medium	Medium	3, 7, 10, 13
22	Meet all drinking water and wastewater discharge standards within the region throughout the planning period.	High	High	5, 6, 7, 9, 13
Water Supply Focus				
23	Provide 100% reliability of M&I water supplies of appropriate quality to meet forecasted demands within the Region throughout the planning period.	High	Medium	1, 7, 10, 13
24	Provide agricultural water supplies of appropriate quality to support a robust agricultural industry within the Region throughout the planning period.	High	Medium	1, 10, 13

* The “importance” assigned to each objective reflects the significance or consequence to the Region of satisfying this objective compared with other objectives.

** The “urgency” assigned to each objective reflects the degree to which this objective warrants speedy attention or action compared with other objectives.

Section 6 also discusses Climate Change Vulnerabilities which were prioritized relative to their relative linkage to Plan objectives. Some high priority Climate Change Vulnerabilities discussed in Section 6 include:

- 1.4: Groundwater supplies in parts of the Region lack resiliency after drought events.
- 2.6: The Region has invasive species management issues at facilities, conveyance structures or in habitat areas.
- 3.2, 3.3, 3.4: Water quality impacts such as algal blooms related to eutrophication, inability to meet beneficial uses, and vulnerability to water quality shifts during rain events occur in the Region.
- 4.5: A portion of the Region floods at extreme high tides or storm surges.
- 5.1, 5.2, 5.3, 5.4: The Region has critical, aging, infrastructure within the 200-year flood plain, some of which lies within the Sacramento-San Joaquin Drainage District and flood control facilities have been insufficient in the past.
- 6.1, 6.2, 6.3, 6.4, 6.6, 6.8: The Region includes: inland aquatic habitats vulnerable to erosion and sedimentation, estuarine habitats, including the Delta, which rely on freshwater flow, climate sensitive fauna or flora, and endangered and threatened species, and quantified environmental flows or stressors to aquatic life.



PHOTO: COLUSA COUNTY RCD

Invasive Tamarisk in Bear Creek

1.7 Resource Management Strategies (Section 7)

The Goals and Objectives for the Westside IRWM Plan presented in Section 6 describe the foundational intent of the Plan. The Plan goals represent broad focus areas for water management actions in the Region, and Plan objectives describe specific outcomes that, when achieved, will improve water-related conditions in the Region. Accomplishing these goals and objectives will require that resource managers and other stakeholders implement a variety of water management actions. Those actions could include projects, programs, or policies designed to help agencies and local governments

manage water and related resources. DWR refers to these types of projects, programs, or policies as resource management strategies (RMS). A broad list of resource management strategies were identified in the California Water Plan Update 2009 and must be considered for applicability in an IRWM Plan.

The California Water Plan Update 2009 groups RMS into six management outcomes. Table ES-2 provides a summary of the management outcomes and RMS that are described in Section 7 of the Plan. RMS that were determined to be applicable to the Westside Region are followed by a ✓, those that were determined as not applicable to the Region are followed by an ✖.

Table ES-2: Summary of Management Outcomes and RMS

CWP Management Outcome	Resource Management Strategies
Reduce Water Demand	Agricultural Water Use Efficiency ✓ Urban Water Use Efficiency ✓ Crop Idling for Water Transfers ✓ Irrigated Land Retirement ✓ Rainfed Agriculture ✓
Improve Operational Efficiency and Transfers	Conveyance – Delta ✓ Conveyance – Regional/local ✓ System Reoperation ✓ Water Transfers ✓ Waterbag Transport/Storage Technology ✖
Increase Water Supply	Conjunctive Management & Groundwater Storage ✓ Desalination Precipitation Enhancement ✖ Recycled Municipal Water ✓ Surface Storage – CALFED ✖ Surface Storage – Regional/local ✓ Dewvaporation or Atmospheric Pressure Desalination ✖ Fog Collection ✖
Improve Water Quality	Drinking Water Treatment and Distribution ✓ Groundwater Remediation/Aquifer Remediation ✓ Matching Quality to Use ✓ Pollution Prevention ✓ Salt and Salinity Management ✓ Urban Runoff Management ✓
Practice Resources Stewardship	Agricultural Lands Stewardship ✓ Economic Incentives (Loans, Grants and Water Pricing) ✓ Ecosystem Restoration ✓ Forest Management ✓ Land Use Planning and Management ✓ Recharge Area Protection ✓ Water-Dependent Recreation ✓ Watershed Management ✓
Improve Flood Management	Flood Risk Management ✓

✓ RMS potentially applicable to the Region.

✖ RMS not applicable to the Region.

1.8 Project Review and Prioritization (Section 8)

Project ideas were submitted by proponents throughout the Region for consideration to include in the Plan. The process to decide which projects to include in the Plan and how to prioritize them relied on: information submitted by the proponents that addressed a standard list of project criteria; expert judgment about the relevancy of the submitted projects; and Stakeholder discussions. The projects, programs and management actions submitted by the stakeholders were compiled, reviewed, and scored based on the information provided by the project proponents. Two “call for projects” cycles were issued to stakeholders during the preparation of the Plan. The first collected a broad list of regional projects, which was then summarized and shared with the public. The second “call for projects” provided an opportunity for stakeholders to discuss commonalities between projects, identify opportunities to integrate, and refine proposed projects or submit new projects.

The projects that were submitted by stakeholders under the two Calls for Projects demonstrate the breadth of activities needed for the Region to meet its water management objectives. 141 projects were submitted by 39 different organizations and address, to some extent, all 24 of the IRWM Plan objectives. Projects submitted range from large-scale drinking water supply projects to habitat restoration programs, flood management projects, and invasive species management initiatives. The range of projects and programs present multiple opportunities for continued resource and project integration beyond

the list of projects included in this Plan. The projects and programs submitted are summarized in Table ES-3 below by objective focus area and the table also helps to portray the broad variety of types of projects, programs, and actions that were submitted.

All projects included in the IRWM Plan are important to meet the objectives of the Region. The Coordinating Committee will encourage and support actions that advance all of the projects, regardless of their priority. However, the Coordinating Committee expects to focus their attention to supporting the implementation of projects with High Importance and High Urgency first. High Importance and High Urgency projects identified during the 2012 project prioritization process are listed in Table ES-4 on the following page. This project list will be updated and appended over time as projects are completed and new projects are identified.

1.9 Impacts and Benefits (Section 9)

This section provides an overview of the potential impacts and benefits associated with implementation of the Westside Region IRWM Plan. Because of the nature of the IRWM planning process, the impacts and benefits discussed in this Section are preliminary and not intended to be a complete list; more extensive and project-specific evaluations of impacts and benefits usually occur through project implementation. Impacts are most likely to occur over short-term periods and are associated with project implementation, with some potential long-term impacts associated with project operation. Impacts will be evaluated on a case-by-case basis during the environmental compliance process.

Table ES-3: Summary of Project Submittals by Objective Focus Area and Project Type

Focus Area	Feasibility Study	Implementable Program	Implementable Project	Planning
Education and Awareness		1	1	2
Habitat and Invasives	17	3	18	7
Infrastructure			19	10
Reasonable Use			1	2
Recreation			4	1
Risk Management	5		13	6
Understand Watershed Function	1		1	9
Water Quality		2	2	6
Water Supply	1	1	4	3
TOTAL(a)	24	7	63	46

(a) One project was removed from the list because it is outside the Region.

Table ES-4: High Importance/High Urgency Projects

Project No.	Lead Agency/Organization	Project Title	Planned Project/Program Types
76	RWMG with selected Lead Agency	Regional Invasive Mussels Management Plan	Formation of an Invasive Species Task Force/Subcommittee to prepare a Regional Invasive Mussels Species Prevention Plan and identifies supplemental programs to be developed to fill gaps in existing programs to prevent invasive species infestation.
40	RWMG with selected Lead Agency	Regional Invasive Plants, Aquatic and Terrestrial Weeds Management Plan	Formation of an Invasive Species Task Force/Subcommittee to prepare a Regional Invasive Plants, Aquatic and Terrestrial Weeds Management/Eradication Plan that documents the extent of invasive species that could be leveraged, and identifies supplemental programs to be developed to fill gaps in existing programs to manage invasive species.
32	Solano County Water Agency	Solano Invasive Species Program	Program will prevent colonization of any regional water body by quagga or zebra mussels and eliminate or prevent the spread of New Zealand mud snails from Putah Creek.
23	Solano County Water Agency	Aquatic Nuisance Vegetation Management	The goal of the Aquatic Nuisance Species Management Plan is to minimize the harmful ecological, economic, and social impact of aquatic nuisance species through prevention and management of introduction, population growth, and dispersal into, within, and from Solano County.
54	City of Davis	Wastewater Treatment Plant Secondary and Tertiary Improvements	To meet new surface water discharge limitations at Willow Slough, the City of Davis must cease its surface water discharge to Willow Slough, all or in part, through upgrades to its existing treatment process to provide for tertiary treatment.
55	Clearlake Oaks County Water District	Plant Intake	Install a new water intake in the lake that is capable of drawing water from different depths, with installation of an Amiad pre-filter at the pier where the intakes are located. This will allow a greater control of influent turbidity and pH by controlling what depth the intake will be drawing water from.
48	Crescent Bay Improvement Company	Crescent Bay Improvement Company	Crescent Bay improvement Company has been on a Boil Water Order since 1999. There are 3 objectives to this project: 1) replace the 80-year old distribution lines which are leaking, 2) drill a well and replace surface water source with ground water, and 3) explore the feasibility of and purchase a neighboring water company and develop an intertie with that system.
87	Lake Berryessa Resort Improvement District	LBRID Wastewater Storage Pond and Disposal Improvements	This project will upgrade the wastewater storage ponds and disposal spray fields.

Project No.	Lead	Project Title	Planned Project/Program Types
	Agency/Organization		
92	Napa Berryessa Resort Improvement District	NBRID Wastewater Treatment Plant Replacement	This project will upgrade the existing WWTP. The project will also repair or replace all the existing sewer lift stations.
90	Napa Berryessa Resort Improvement District	NBRID Water Treatment Plant Replacement	The existing water treatment plant will be replaced with a new more technically advanced water treatment plant.
95	Reclamation District 2035	Sacramento River Joint Intake Project	The Project consists of a 400-cfs intake and integrally constructed pump station, new discharge pipeline and appurtenant structures, and demolition of the existing facilities.
93	Rural Community Assistance Corporation	Rural Disadvantaged Community (DAC) Partnership Project	RCAC will manage the Prop 84 grant funds to address inadequate water supply and water quality in rural disadvantaged communities (DACs) in the Westside Sacramento IRWM Region.
34	Solano County Water Agency	Research on Improving Water Treatment for Delta Sources	The project would build upon past research done at the NBA Treatment Facility, and by other Delta users, to improve water treatment methods, reduce DBPs, and improve water treatment for Delta water users, including the SWP and CVP.
110	Woodland-Davis Clean Water Agency	Davis-Woodland Water Supply Project	The project is comprised of four regional facility components: (1) a joint RD 2035/WDCWA Sacramento River Intake facility (up to 80 cfs capacity for the WDCWA); (2) 4.5 mile raw water pipeline(s) to convey untreated surface water to a water treatment facility; (3) a regional water treatment facility to treat the surface water before delivery; and (4) 10 miles of treated water pipelines to deliver treated water to local water systems.

The Westside IRWM Plan documents a shared vision for integrated water management and outlines a cooperative approach to achieve that vision. It provides regional water resources benefits largely by fostering improved coordination, collaboration, and communication among entities in the Region. Such collaboration is supported both by the Plan development process and the resulting, newly formed Plan implementation framework.

This collaborative approach to regional planning helps ensure that multiple aspects of watershed planning are considered together rather than allowing one particular geographic area or project type to dominate. It helps share benefits and impacts instead of allowing one group or geographic area to reap benefits while another withstands impacts. Also, regional planning helps ensure that projects designed to achieve one particular objective (e.g., water supply) will be supportive of (or at least compatible with) other objectives (e.g., flood management, water quality, or habitat preservation).

1.10 Coordination (Section 10)

One of the key aspects of improving water resources management includes providing multiple opportunities for water managers, community stakeholders, and other organizations with interests in, to be informed and participate in the IRWM program. The RWMG is responsible for coordinating implementation activities with agencies, local participants and stakeholders within the Region, as well as state and federal agencies and IRWM Regions that are adjacent to the Westside Region. A structured approach to coordination is provided in the Plan to help reduce the likelihood of conflicts within the Region and improve utilization of resources. Activities will be facilitated by the Regional Water Management Group and Coordinating Committee, as defined under their specific responsibilities.

1.11 Plan Implementation Framework (Section 11)

One of the key considerations for developing and implementing an IRWM Plan is the governance structure chosen to perform the tasks necessary to develop and implement the Plan. Section 11 describes the governance structure used for developing the Westside Plan and describes a governance structure that will support implementa-

tion and updating of the Plan over the next 20 years. These governance structures are consistent with the Integrated Regional Water Management Guidelines for Proposition 84 and Proposition 1E published by the California Department of Water Resources in November 2012.

Once the Westside IRWM Plan has been adopted, the focus of the RWMG will change significantly. Some of the activities conducted during Plan development will continue, but the emphasis will shift away from planning toward implementation and tracking of progress.

The current structure of the RWMG, which was established through an MOU with a staff led Coordinating Committee, has functioned well for managing funding and providing guidance and oversight during the Plan development process. Therefore, the Coordinating Committee recommended and the Stakeholder Group agreed that the Region should continue with a similar RWMG model through the initial phases of Plan implementation. A draft MOU amendment has been prepared (see Appendix A.1) to establish a Regional Water Management Group responsible to support the implementation of the adopted Westside IRWM Plan.

Decisions authorized by the RWMG will continue to be made using broad agreement as during the development of the Plan. All interested participants will be invited to participate as equals during Stakeholder Input Meetings to discuss implementation activities to meet the Plan objectives. The Coordinating Committee will set agendas, interact with stakeholders, and foster collaborative decisions as described in Section 10. The Westside IRWM CC meetings will follow the Brown Act provisions. If for some reason broad agreement cannot be reached between the Coordinating Committee and the Stakeholder Group related to specific items within a reasonable amount of time and effort, the Coordinating Committee will discuss the item(s) where broad agreement cannot be reached and then decide by majority vote how to proceed.

Implementation of the Westside IRWM Plan will rely on actions taken by existing agencies and organizations within the Region. The RWMG, as represented by the Coordinating Committee, will provide leadership for fostering cooperation, continuing coordination, tracking of Plan performance, and updating of the Westside IRWM Plan. The Coordinating Committee may form stakeholder subcommittees to help focus collaboration and progress on specific topics or objectives. Changes to the project list or

Plan objectives will be decided as described above and published as Plan Amendments. The Coordinating Committee will request that members of the Regional Water Management Group and project proponents adopt the Plan Amendments as an addendum to the previously adopted Westside IRWM Plan.

One of the most important aspects of IRWM Plan implementation for the Westside Region is having processes in place to ensure the public and interested stakeholders continue to be involved. This will be accomplished through multiple avenues of communication and engagement between the CC and stakeholders in order to obtain input and make sound decisions regarding regional activities.

The vast geography and complex relationships between the many water-related entities in the Region, and breadth of projects requires a multi-faceted Plan performance and monitoring strategy. The centerpiece of the performance and monitoring for the Region is measuring progress towards achieving Plan goals and objectives, Resource Management Strategies (RMS), and, ultimately, projects. Changes to the goals and objectives may affect the types of RMS that need to be implemented by stakeholders, which could also have implications on the types of projects that are included in the Plan. Project Proponents will be responsible for developing and implementing most projects, and then collecting performance monitoring data and reporting it to the RWMG. It is anticipated that progress updates will be collected from Project Proponents on an annual basis. Progress towards achieving objectives will be tracked by the Coordinating Committee and/or any subcommittees that are formed.

Performance monitoring will rely on a variety of data that will need to be managed. For the purposes of this Plan, data management includes the collection, storage, processing, and sharing of information that is developed from project-specific implementation and its relative contribution to achieving Plan objectives. The tools and strategies that the RWMG will use to organize, maintain, and share this vast amount of data will be called the Data Management System (DMS). Water-resources related data is generated in this Region from literally dozens of sources, in countless formats, and is reported in varying

frequencies to jurisdictional bodies, non-governmental agencies, water agencies, and regulators. The Westside IRWM Plan's DMS is not intended to serve as the central clearinghouse for this vast amount of information, but it has been developed to meet the Proposition 84/1E IRWM Guidelines in performing the following functions including:

- Support the Westside Coordinating Committee in their responsibilities by collecting and sharing information related to:
 - Westside IRWM project implementation
 - Westside IRWM objective progress
- Provide means for interested stakeholders, both inside and outside the Westside Region to locate needed information concerning IRWM project implementation
- Consider means to simplify the interconnection and sharing mechanisms between local and statewide data sources.

Financing of an IRWM Plan is also an enormous undertaking and requires the contributions and attention of local, state, and federal agencies to ensure success. Financing of this Westside IRWM Plan involves two distinct tracks: funding of IRWM Plan administration and tracking activities, and funding project implementation. This section provides some highlights of the anticipated funding needs for both tracks, identifies potential funding sources, and documents some of the activities that the CC and others will employ to secure additional funding.

Finally, the IRWM Plan includes implementation recommendations that are intended to provide a "road map" to guide the Coordinating Committee, especially during the first two years of implementation of the Westside IRWM Plan. Each of these Plan Recommendations is detailed and includes suggestions for: the Coordinating Committee to help form subcommittees or other mechanisms that will foster collaboration for Plan implementation, Coordinating Committee focus areas for the next 1 – 2 years, tracking progress for IRWM Plan implementation, and researching other grant opportunities for Plan implementation.

**ACTION OF
SOLANO COUNTY WATER AGENCY**

DATE: July 11, 2013

SUBJECT: Mangels Bypass Pipeline

RECOMMENDATION:

Authorize General Manager to execute an agreement with Platinum Pipeline, Inc. the lowest responsible bidder for the Mangels Bypass Pipeline project for the Putah South Canal.

FINANCIAL IMPACT:

Funding is designated in the Solano Project Rehabilitation and Betterment Program budget for Fiscal Year 2013-2014. Program funding is allocated in the Solano Project Capital Reserves. All of the construction will occur in Fiscal Year 2013-2014. The total bid amount from the lowest, responsible bidder is \$454,575.

BACKGROUND:

The Mangels Bypass Pipeline Project is part of the Solano Project Rehab and Betterment Program. This project is part of the original 5-year Master Plan, and is the last feasible project remaining. The purpose of the project is to improve water reliability of the Putah South Canal (PSC) in an area that is vulnerable to rockslides and is geologically unstable. A rockslide in this area could severely impact water supplies to the communities of Vallejo, Benicia, and Green Valley. The Engineers Estimate for the Mangels Bypass Pipeline is \$545,340.

The Board authorized release of the Contract Documents to bidders on May 9, 2013. A tabulation of actual bids is presented on the next page. Construction is expected to begin in August and finish in December of this year.

This action delegates authority to the General Manager to execute an agreement with the lowest responsible bidder. This request applies to this bid only.

Recommended: 
David B. Okita, General Manager

☒ Continued on Next Page

☐ Approved as
recommended

☐ Other
(see below)

Modification to Recommendation and/or other actions:

I, David B. Okita, 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 July 11, 2013 by the following vote.

Ayes:

Noes:

Abstain:

Absent:

David B. Okita
General Manager & Secretary to the
Solano County Water Agency

Tabulation of Bids Opened – 2:00 p.m. June 25, 2013:

#	Contractor	Total Bid Schedule
1	Platinum Pipeline	\$454,575.00
2	Mountain Cascade	\$469,964.00
3	Ghilotti Construction	\$694,925.00
4	Hess Construction	\$699,474.00
5	J&M Inc.	\$700,064.00
6	Diamond D. Gen.	\$879,476.16
7	W.R. Forde Assoc.	\$922,600.00
8	California Trenchless	\$1,051,050.00