

SOLANO COUNTY WATER AGENCY



BOARD OF DIRECTORS MEETING

BOARD OF DIRECTORS:

Chair:

Supervisor Erin Hannigan
Solano County District 1

Vice Chair:

Mayor Pete Sanchez
City of Suisun City

Mayor Len Augustine
City of Vacaville

Mayor Jack Batchelor
City of Dixon

Director Dale Crossley
Reclamation District No. 2068

Mayor Osby Davis
City of Vallejo

Director John D. Kluge
Solano Irrigation District

Director Ryan Mahoney
Maine Prairie Water District

Mayor Elizabeth Patterson
City of Benicia

Mayor Harry Price
City of Fairfield

Mayor Norm Richardson
City of Rio Vista

Supervisor Linda Seifert
Solano County District 2

Supervisor Jim Sperring
Solano County District 3

Supervisor Skip Thomson
Solano County District 5

Supervisor John Vasquez
Solano County District 4

GENERAL MANAGER:

Roland Sanford
Solano County Water Agency

DATE: Thursday, February 11, 2016

TIME: 6:30 p.m.

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

1. CALL TO ORDER

2. PLEDGE OF ALLEGIANCE

3. APPROVAL OF AGENDA

4. PUBLIC COMMENT

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

5. CONSENT ITEMS

(A) Minutes: Approval of the Minutes of the Board of Directors meeting of January 14, 2016 is recommended.

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

(C) Amendment No. 2 to Agreement with KC Engineering for Material Testing and Geotechnical Services: Authorize General Manager to execute Amendment No. 2 to Agreement with KC Engineering for additional construction material testing and geotechnical services, increasing total contract amount by \$15,000, from \$45,000 to \$60,000.

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



(D) Amendment No. 3 to Agreement with Smith Inspection for Inspection Services: Authorize General Manager to execute Amendment No. 3 to Agreement with Smith Inspection for construction inspection services during final stages and closeout of PSC Headworks Improvement Project, increasing total contract amount by \$15,000, from \$122,000 to \$137,000.

(E) Amendment No. 1 to Agreement with Erler and Kalinowski, Inc. for Residential Baseline Water Use Assessment Study: Authorize General Manager to execute Amendment No. 1 to Agreement with Erler and Kalinowski, Inc. (EKI) for completion of expanded Residential Baseline Water Use Assessment Study, increasing total contract amount by \$25,000, from \$55,000 to \$80,000.

(F) Agreement with McCord Environmental, Inc., for Westside IRWMP Brownfield Coalition Assessment Project: Authorize General Manager to execute \$460,000 agreement with McCord Environmental, Inc., for Westside Integrated Regional Water Management Plan Brownfield Coalition Assessment Project.

(G) Rio Vista Flood Protection Feasibility Study: Authorize General Manager to execute letter agreement with City of Rio Vista to provide technical support for Rio Vista Flood Protection Feasibility Study.

6. BOARD MEMBER REPORTS

RECOMMENDATION: For information only.

7. GENERAL MANAGER'S REPORT

RECOMMENDATION: For information only.

8. STATUS UPDATE: GROUNDWATER MANAGEMENT OF SOLANO SUBBASIN PURSUANT TO SUSTAINABLE GROUNDWATER MANAGEMENT ACT

RECOMMENDATION: Hear Presentation from Ag Innovations on Sustainable Groundwater Management Act Stakeholder Outreach for Solano Subbasin.

9. WATER POLICY UPDATES

RECOMMENDATIONS:

1. Hear report from staff on current and emerging Delta and Water Policy issues and provide direction.
2. Hear status report from Committee Chair Supervisor Seifert on activities of the SCWA Water Policy Committee.

3. Hear report from Supervisor Thomson on activities of the Delta Counties Coalition and Delta Protection Commission.
4. Hear report from Legislative Committee.

10. TIME AND PLACE OF NEXT MEETING

Thursday, March 10, 2016 at 6:30 p.m. at the SCWA offices.

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

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

Feb.2016.bod.agd

CONSENT ITEMS

SOLANO COUNTY WATER AGENCY
BOARD OF DIRECTORS MEETING MINUTES

MEETING DATE: January 14, 2016

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

Supervisor Erin Hannigan, Solano County District 1
Supervisor Linda Seifert, Solano County District 2
Supervisor James Spering, Solano County District 3
Supervisor John Vasquez, Solano County District 4
Supervisor Skip Thomson, Solano County District 5
Mayor Len Augustine, City of Vacaville
Mayor Pete Sanchez, City of Suisun City
Mayor Jack Batchelor, City of Dixon
Mayor Harry Price, City of Fairfield
Mayor Elizabeth Patterson, City of Benicia
Mayor Norm Richardson, City of Rio Vista
Director J. D. Kluge, Solano Irrigation District
Director Dale Crossley, Reclamation District 2068
Director Ryan Mahoney, Maine Prairie Water District

CALL TO ORDER

The meeting was called to order at 6:30 P.M. by Chairman Crossley.

APPROVAL OF AGENDA

Chairman Crossley requested Agenda Item 5 (Election of Officers and Appointment of Executive Committee for 2016) be moved to the end of the agenda to allow those Board members who had been caught in traffic – due to a vehicular accident on Interstate 80 – additional time to arrive.

On a motion by Mayor Batchelor and a second by Mayor Sanchez the Board unanimously approved the agenda with the aforementioned modification requested by Chairman Crossley.

PUBLIC COMMENT

There were no comments.

**ELECTION OF OFFICERS AND APPOINTMENT OF EXECUTIVE
COMMITTEE FOR 2016**

On a motion by Supervisor Seifert and second by Supervisor Spering the Board unanimously elected Supervisor Hannigan as Board Chair and Mayor Sanchez as Board Vice-Chair for 2016.

Supervisor Hannigan assumed the Chair position and appointed Director Kluge, Supervisor Spering and Mayor Batchelor to the 2016 Executive Committee, along with herself and newly elected Vice-Chair Sanchez. On a motion by Supervisor Spering and second by Mayor Price the Board unanimously endorsed the appointments to the 2016 Executive Committee.

CONSENT ITEMS

On a motion by Supervisor Hannigan and a second by Mayor Batchelor the Board unanimously approved the following Consent Items:

- (A) Minutes
- (B) Expenditure Approvals
- (C) Request to Maintain Funding for the Cooperative Endangered Species Conservation Fund-Fiscal 2017 Appropriations

- (D) Disbursement of Round 3 of Bay Area Proposition 84 Integrated Regional Water Management Grant funds to Water Agency
- (E) Amendment No. 1 to Agreement with Clean Lakes, Inc. for Campbell Lake Algaecide Treatments
- (F) Lower Putah Creek Coordinating Committee Appointments
- (G) Agreement with Kennedy/Jenks Consultants for preparation of SCWA Strategic Plan

BOARD MEMBER REPORTS

There were no Board Member reports.

GENERAL MANAGER'S REPORT

In addition to his written report, General Manager Sanford reported that the Water Agency's "Lower Putah Creek Watershed Restoration" project proposal has been selected for funding - \$990,312 – by the California Department of Fish and Wildlife. Mr. Sanford complemented Mr. Rich Marovich, the Water Agency's Streamkeeper, who oversaw and was the primary author of the proposal, and noted that within the last 15 years Mr. Marovich has been responsible for obtaining over \$10,000,000 of grant funds for various projects pertaining to Lower Putah Creek.

Mr. Sanford also reported that the Strategic Planning Stakeholder group had meet December 21, 2015. Director Kludge, the Chair of the Strategic Planning Stakeholder group, described the purpose of the December 21, 2015 meeting and provided a brief status report on the Strategic Planning project.

AUTHORIZATION TO PARTICIPATE IN THE U.S. ARMY CORPS OF ENGINEERS SACRAMENTO RIVER FLOOD CONTROL PROJECT GENERAL REEVALUATION REPORT PROCESS

General Manager Sanford provided a brief update to the written agenda summary included in the Board meeting packet, noting that earlier in the week both the County of Solano and the County of Yolo had approved the proposed Memorandum of Agreement (MOA) for participating in the U.S. Army Corps of Engineers Sacramento River Flood Control Project General Reevaluation Report process, as had Reclamation District 2068 earlier in the day. He explained that the proposed MOA was substantially complete but that minor language changes were anticipated, and as a result, all of the entities that had approved the MOA to date had done so with the caveat that the final version of the MOA be reviewed and approved as to form by their respective legal counselors, prior to signature by the entity's authorized representative. Mr. Sanford recommended the Board authorize the Chairwoman to sign the proposed MOA, following review and approval as to form by the Water Agency's legal counsel.

On a motion by Supervisor Vasquez and a second by Mayor Price the Board unanimously authorized the Chairwoman to sign the MOA, following review and approval as to form by the Water Agency's legal counsel.

WATER POLICY UPDATES

1. There was no report from staff on current and emerging Delta and Water Policy issues.
2. There was no report from Supervisor Thomson on the activities of the Delta Counties Coalition and the Delta Protection Commission.
3. Director Crossley reported the SCWA Legislative Committee met to discuss pending state and federal legislation, and development of a public relations video and other informational materials for forthcoming legislative outreach efforts at the State capital.

TIME AND PLACE OF NEXT MEETING

The next regularly scheduled meeting will be Thursday, February 11, 2016 at 6:30 p.m. in the Berryessa Room located at the Solano County Water Agency offices.

ADJOURNMENT

This meeting of the Solano County Water Agency Board of Directors was adjourned at 6:45 p.m.

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

ACTION OF
SOLANO COUNTY WATER AGENCY

DATE: February 11, 2016

SUBJECT: Expenditures Approval

RECOMMENDATION:

Approve expenditures from the Water Agency checking accounts for the month of January, 2016.

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 January, 2016. Additional backup information is available upon request.

Recommended: _____
Roland Sanford, General Manager

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

I, Roland Sanford, General Manager and Secretary to the Solano County Water Agency, do hereby certify that the foregoing action was regularly introduced, passed, and adopted by said Board of Directors at a regular meeting thereof held on February 11, 2016 by the following vote.

Ayes:

Noes:

Abstain:

Absent:

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

SOLANO COUNTY WATER AGENCY
Cash Disbursements Journal
For the Period From Jan 1, 2016 to Jan 31, 2016

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
1/28/16	27542V	2020SC	Invoice: 28615770		5,414.15
		2020U	Invoice: 28621250		2,245.95
		1020SC	CROP PRODUCTION SERVICES, INC.	7,660.10	
1/7/16	27656	2020SC	Invoice: 11695 DWR#11	104,533.73	
		1020SC	ALAMEDA COUNTY WATER DISTRICT		104,533.73
1/7/16	27657	2020U	Invoice: 15026	25,386.44	
		2020G	Invoice: 15027	3,264.00	
		1020SC	AGRICHEM SERVICES, INC.		28,650.44
1/7/16	27658	2020SC	Invoice: PROP84GRANT #11	92,223.42	
		1020SC	BAY AREA WATER SUPPLY &		92,223.42
1/7/16	27659	2020SC	Invoice: WATER SAVINGS INCENT	2,575.16	
		1020SC	BETHANY LUTHERAN SCHOOL		2,575.16
1/7/16	27660	2020SC	Invoice: BA4258	716.65	
		2020SC	Invoice: BA4257	2,050.00	
		2020SC	Invoice: BA4259	1,333.35	
		1020SC	BLANKINSHIP & ASSOCIATES, INC.		4,100.00
1/7/16	27661	2020SC	Invoice: 46377319	127.84	
		1020SC	CHEVRON AND TEXACO		127.84
1/7/16	27662	2020SC	Invoice: AR168071 DWR #11	66,803.34	
		1020SC	CITY OF NAPA WATER DIVISION		66,803.34
1/7/16	27663	2020SC	Invoice: 01-017	1,900.97	
		1020SC	CONSERVISION CONSULTING, LLC		1,900.97
1/7/16	27664	2020SC	Invoice: AR3360	98,797.43	
		1020SC	CONTRA COSTA WATER DISTRICT		98,797.43
1/7/16	27665	2020SC	Invoice: 16-128-V NOV 2015		25,876.00
		2020SC	Invoice: 16-026-T JAN 2016	2,662,981.00	
		2020SC	Invoice: 16-024-O JAN 2016	2,693.00	
		1020SC	DEPARTMENT OF WATER RESOURCES		2,639,798.00
1/7/16	27666	2020SC	Invoice: PROP84GRANT #11	93,100.00	
		1020SC	EAST BAY MUNICIPAL UTILITY DIST.		93,100.00
1/7/16	27667	2020SC	Invoice: 16734200-5	192.64	
		1020SC	EXPRESS EMPLOYEMENT PROFESSIONALS		192.64
1/7/16	27668	2020SC	Invoice: BVL 152103	760.00	
		2020SC	Invoice: BVL 151560	760.00	
		1020SC	INSTITUTE FOR ENVIRONMENTAL HEALTH, INC		1,520.00
1/7/16	27669	2020SC	Invoice: 10282015K	3,486.38	
		1020SC	RONALD KOEHNE		3,486.38
1/7/16	27670	2020SC	Invoice: PROP84GRANT #11	60,234.67	
		1020SC	MARIN MUNICIPAL WATER DISTRICT		60,234.67
1/7/16	27671	2020SC	Invoice: 135123	80.91	
		1020SC	MARTIN'S METAL FABRICATION &		80.91
1/7/16	27672	2020SC	Invoice: PROP84GRANT #11	9,559.71	
		1020SC	NAPA COUNTY FC&WCD		9,559.71
1/7/16	27673	2020SC	Invoice: 196139	75.22	
		2020SC	Invoice: 196007	34.91	
		2020SC	Invoice: 196723	68.75	
		2020SC	Invoice: K89206	100.14	
		2020SC	Invoice: K89205	45.83	
		2020U	Invoice: 889141	16.16	
		2020U	Invoice: 891252	19.09	
		2020U	Invoice: 891248	62.35	
		2020SC	Invoice: 197375	21.48	
		1020SC	PACIFIC ACE HARDWARE		443.93
1/7/16	27674	2020SC	Invoice: 696801	106.09	
		1020SC	PISANIS AUTO PARTS		106.09

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1/7/16	27675	2020U 1020SC	Invoice: DECEMBER 2015 SOLANO COUNTY FLEET MANAGEMENT	102.93	102.93
1/7/16	27676	2020SC 1020SC	Invoice: PROP84GRANT #11 SONOMA COUNTY WATER AGENCY	33,085.30	33,085.30
1/7/16	27677	2020SC 2020SC 1020SC	Invoice: 1444471101 Invoice: 1466052151 STAPLES	195.21 208.38	403.59
1/7/16	27678	2020SC 1020SC	Invoice: PROP84GRANT #11 ALAMEDA COUNTY WASTE MANAGEMENT AUTHORI	13,775.00	13,775.00
1/7/16	27679	2020SC 1020SC	Invoice: 00060777 TURNER DESIGNS	2,136.73	2,136.73
1/7/16	27680	2020SC 1020SC	Invoice: 4509 WINTERS AGGREGATE, LLC	306.73	306.73
1/7/16	27681	2020SC 1020SC	Invoice: 10.01.15 - 12.31.15 ASSOCIATION OF CALIFORNIA AGENCIES	3,310.65	3,310.65
1/7/16	27682	2020SC 1020SC	Invoice: 48352470 SBS LEASING A PROGRAM DE LAGE	980.93	980.93
1/7/16	27683	2020N 1020SC	Invoice: 0116-1 JEFFREY J JANIK	750.00	750.00
1/11/16	27684	2020SC 2020SC 1020SC	Invoice: PROGRESS PAYMENT 5 Invoice: PROGRESS PAYMENT 6 ANDERSON PACIFIC ENGINEERING, CO.	223,143.60 286,226.11	509,369.71
1/12/16	27685	2020SC 1020SC	Invoice: DECEMBER 2015 ROBERT SMITH	17,460.00	17,460.00
1/15/16	27686	2020SC 1020SC	Invoice: 0389686 CB&T/ACWA-JPIA	1,507.11	1,507.11
1/15/16	27687	2020SC 1020SC	Invoice: 2095973 AMERICAN TOWER CORPORATION	534.63	534.63
1/15/16	27688	2020SC 1020SC	Invoice: 12.23.15 - 1.22.15 AT&T MOBILITY	143.66	143.66
1/15/16	27689	2020SC 1020SC	Invoice: 5004003933 CINTAS CORPORATION	186.82	186.82
1/15/16	27690	2020SC 1020SC	Invoice: JANUARY 2016 CLEAN TECH ADVOCATES	5,500.00	5,500.00
1/15/16	27691	2020SC 2020SC 1020SC	Invoice: 16752582-3 Invoice: 16781007-6 EXPRESS EMPLOYEMENT PROFESSIONALS	192.64 192.64	385.28
1/15/16	27692	2020SC 1020SC	Invoice: 3889 EYASCO, INC.	11,320.00	11,320.00
1/15/16	27693	2020SC 1020SC	Invoice: 12-(15) DENNIS GRUNSTAD	988.00	988.00
1/15/16	27694	2020SC 2020SC 2020SC 2020SC 2020SC 2020SC 2020SC 2020SC 2020SC 2020SC 1020SC	Invoice: 6018493 Invoice: 6018494 Invoice: 3010114 Invoice: 8022109 Invoice: 6012040 Invoice: 0011574 Invoice: 9022028 Invoice: 0011573 Invoice: FCH-005857936 HOME DEPOT CREDIT SERVICE	87.93 24.12 104.38 252.24 68.99 40.88 25.85 32.30 20.00	656.69
1/15/16	27695	2020SC 1020SC	Invoice: 1X108180 HORIZON DISTRIBUTORS, INC.	81.26	81.26

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1/15/16	27696	2020SC 1020SC	Invoice: CL08266 INTERSTATE OIL COMPANY	414.53	414.53
1/15/16	27697	2020SC 1020SC	Invoice: 72745 INTEGRATED ENVIRONMENTAL RESTORATION	5,025.00	5,025.00
1/15/16	27698	2020SC 2020SC 1020SC	Invoice: 1399 Invoice: 1400 IRON SPRINGS CORPORATION	4,817.00 4,817.00	9,634.00
1/15/16	27699	2020SC 1020SC	Invoice: 4445 MANN, URRUTIA, NELSON, CPAS	565.00	565.00
1/15/16	27700	2020SC 1020SC	Invoice: 613252 PITNEY BOWES	620.82	620.82
1/15/16	27701	2020SC 1020SC	Invoice: TRAINING 2/9-2/11/16 EDUCATION & TRAINING SERVICES	499.00	499.00
1/15/16	27702	2020SC 1020SC	Invoice: 38999470 RECOLOGY VACAVILLE SOLANO	136.63	136.63
1/15/16	27703	2020SC 1020SC	Invoice: 1491984 RECOLOGY HAY ROAD	20.00	20.00
1/15/16	27704	2020SC 1020SC	Invoice: 48354139 SBS LEASING A PROGRAM DE LAGE	77.67	77.67
1/15/16	27705	2020SC 1020SC	Invoice: 1231150228 SHANDAM CONSULTING	1,980.00	1,980.00
1/15/16	27706	2020SC 1020SC	Invoice: 42132 SIERRA CHEMICAL COMPANY	126.79	126.79
1/15/16	27707	2020N 1020SC	Invoice: 753 STUMPY TRUCKING, INC.	200.00	200.00
1/15/16	27708	2020SC 2020SC 2020SC 1020SC	Invoice: 42865 Invoice: 42923 Invoice: 42983 SUISUN VALLEY FRUIT GROWERS AS	312.09 12.78 172.62	497.49
1/15/16	27709	2020SC 2020SC 1020SC	Invoice: 200283776 Invoice: 300195092 TRACTOR SUPPLY CREDIT PLAN	118.43 10.03	128.46
1/15/16	27710	2020SC 1020SC	Invoice: SIENA OWNERS ASSOCIA TURF REPLACEMENT REBATE	1,273.00	1,273.00
1/15/16	27711	2020SC 1020SC	Invoice: SCWA-FY2015-16_5 KEN W. DAVIS, DBA WILDLIFE SURVEY	12,693.12	12,693.12
1/15/16	27712	2020SC 1020SC	Invoice: 10.1.15 - 12.31.15 YOLO COUNTY RCD	10,666.76	10,666.76
1/15/16	27713	2020SC 2020SC 1020SC	Invoice: 4017323REV Invoice: 4026503 CH2M HILL	20,273.89	5.70 20,268.19
1/15/16	27714	2020U 2020U 2020U 2020U 2020U 1020SC	Invoice: 501488467 Invoice: 501442194 Invoice: 501534245 Invoice: 501580434 Invoice: 1601092285LATECHARGE MISSION LINEN SUPPLY	93.46 93.46 93.46 99.36 3.95	383.69
1/15/16	27715	2020SC 1020SC	Invoice: GENENTECH, INC. TURF REPLACEMENT REBATE	10,000.00	10,000.00
1/15/16	27716	2020SC 1020SC	Invoice: STRATEGIC MEET JAN16 PANERA BREAD	505.93	505.93
1/20/16	27717	2020SC 1020SC	Invoice: SANFORD DEC 2015 BANK OF THE WEST	35.00	35.00

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1/28/16	27718	2020SC 1020SC	Invoice: 175876 A & L WESTERN AGRICULTURAL LABS	49.00	49.00
1/28/16	27719	2020SC 1020SC	Invoice: 1188682 ARAMARK REFRESHMENT SERVICES	82.83	82.83
1/28/16	27720	2020SC 2020SC 1020SC	Invoice: 7555592 Invoice: 7555593 AT&T	188.07 243.46	431.53
1/28/16	27721	2020SC 2020SC 2020SC 1020SC	Invoice: EXEC MEET JAN 2016 Invoice: JAN 2016 BOARD MEET Invoice: STRATEGIC JAN 2016 JACK BATCHELOR	100.00 112.96 25.92	238.88
1/28/16	27722	2020SC 1020SC	Invoice: 1119 BAY-FRIENDLY LANDSCAPE & GARDENING	3,675.00	3,675.00
1/28/16	27723	2020SC 1020SC	Invoice: 0075862 BSK ASSOCIATES	4,517.06	4,517.06
1/28/16	27724	2020SC 1020SC	Invoice: 16558 CENTRAL VALLEY EQUIPMENT REPAIR	99.00	99.00
1/28/16	27725	2020SC 1020SC	Invoice: 4969 CLEAN LAKES, INC.	29,921.35	29,921.35
1/28/16	27726	2020SC 1020SC	Invoice: JAN 2016 BOARD MEET DALE CROSSLEY	100.00	100.00
1/28/16	27727	2020SC 2020SC 1020SC	Invoice: 131689 Invoice: 131688 DEPT OF FORESTRY & FIRE PROTECTION	1,370.88 913.92	2,284.80
1/28/16	27728	2020SC 1020SC	Invoice: 16800899-3 EXPRESS EMPLOYEMENT PROFESSIONALS	192.64	192.64
1/28/16	27729	2020SC 1020SC	Invoice: 56801 GHD, INC.	1,886.50	1,886.50
1/28/16	27730	2020SC 1020SC	Invoice: 2015-85 IN COMMUNICATIONS	757.50	757.50
1/28/16	27731	2020SC 1020SC	Invoice: BVL 152104 INSTITUTE FOR ENVIRONMENTAL HEALTH, INC	760.00	760.00
1/28/16	27732	2020SC 1020SC	Invoice: 72744 INTEGRATED ENVIRONMENTAL RESTORATION	2,010.00	2,010.00
1/28/16	27733	2020SC 2020SC 1020SC	Invoice: JAN 2016 BOARD MEET Invoice: STRATEGIC JAN 2016 JOHN D. KLUGE	100.00 100.00	200.00
1/28/16	27734	2020SC 1020SC	Invoice: 16674 LAUGENOUR AND MEIKLE	1,847.50	1,847.50
1/28/16	27735	2020SC 1020SC	Invoice: 31377 LUHDORFF & SCALMANINI	359.00	359.00
1/28/16	27736	2020SC 1020SC	Invoice: 481157 M&M SANITARY LLC	160.00	160.00
1/28/16	27737	2020SC 1020SC	Invoice: JAN 2016 BOARD MEET RYAN MAHONEY	123.76	123.76
1/28/16	27738	2020SC 1020SC	Invoice: 0007503966-9 PACIFIC GAS & ELECTRIC CO,	10,450.00	10,450.00
1/28/16	27739	2020SC 2020SC 1020SC	Invoice: JAN 2016 BOARD MEET Invoice: STRATEGIC JAN 2016 ELIZABETH PATTERSON	132.40 116.20	248.60

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1/28/16	27740	2020SC 1020SC	Invoice: 006312 SAM'S CLUB	84.06	84.06
1/28/16	27741	2020SC 2020SC 1020SC	Invoice: JAN 2016 BOARD MEET Invoice: STRATEGIC JAN 2016 LINDA SEIFERT	100.00 100.00	200.00
1/28/16	27742	2020SC 2020SC 2020SC 1020SC	Invoice: 0004113 Invoice: 0004092 Invoice: 0004091 SOLANO IRRIGATION DISTRICT	16,901.87 149.82 14,148.11	31,199.80
1/28/16	27743	2020SC 2020SC 1020SC	Invoice: EXEC MEET JAN 2016 Invoice: JAN 2016 BOARD MEET JAMES SPERING	100.00 100.00	200.00
1/28/16	27744	2020SC 1020SC	Invoice: 006492990046FEB2016 STANDARD INSURANCE COMPANY	1,254.99	1,254.99
1/28/16	27745	2020SC 2020SC 1020SC	Invoice: JAN 2016 BOARD MEET Invoice: STRATEGIC JAN 2016 JOHN VASQUEZ	100.00 100.00	200.00
1/28/16	27746	2020SC 1020SC	Invoice: 31882 VISION TECHNOLOGY SOLUTIONS, LLC DBC	200.00	200.00
1/28/16	27747	2020SC 1020SC	Invoice: LPCCC-FY2015-16_5 KEN W. DAVIS, DBA WILDLIFE SURVEY	3,901.56	3,901.56
1/28/16	27747V	2020SC 1020SC	Invoice: LPCCC-FY2015-16_5 KEN W. DAVIS, DBA WILDLIFE SURVEY	3,901.56	3,901.56
1/28/16	27748	2020SC 1020SC	Invoice: LPCCC-FY2015-16_5 KEN W. DAVIS, DBA WILDLIFE SURVEY	3,901.56	3,901.56
1/28/16	27749	2020SC 1020SC	Invoice: ALL STAR RENTS TURF REPLACEMENT REBATE	1,308.00	1,308.00
1/28/16	27750	2020SC 2020U 2020SC 1020SC	Invoice: 79605 Invoice: 79606 Invoice: 79604 HERUM \ CRABTREE \ SUNTAG	674.73 868.02 128.52	1,671.27
1/25/16	BARICH DEC 2015	6360AC 1020SC	NCEES.ORG - PE CIVIL ENGINEERING EXAM BANK OF THE WEST	350.00	350.00
1/25/16	CUETARA DEC 2015	6144SC 6300AC 1020SC	CAMPBELL SCIENTIFIC - SUPPLIES SPEEDEE OIL CHANGE BANK OF THE WEST	485.44 113.98	599.42
1/4/16	EFT	2020SC 1020SC	Invoice: JAN HEALTH 2016 CALPERS	14,297.15	14,297.15
1/12/16	EFT	2020SC 1020SC	Invoice: SIP PPE 1.2.16 CALPERS	3,177.88	3,177.88
1/12/16	EFT	2020SC 1020SC	Invoice: PEPRA PPE 1.2.16 CALPERS	343.01	343.01
1/12/16	EFT	2020SC 1020SC	Invoice: PPE 1.2.16 CALPERS	7,534.25	7,534.25
1/8/16	EFT	2020SC 1020SC	Invoice: 2016010601 PAYCHEX, INC.	171.40	171.40
1/14/16	EFT	2020SC 1020SC	Invoice: 9757942586 VERIZON WIRELESS	2,245.26	2,245.26
1/15/16	EFT	6111AC 6040AC 1020SC	FSA ADMIN FEES - JANUARY EMPLOYEE HANDBOOK PAYCHEX, INC.	70.12 106.75	176.87
1/22/16	EFT	2020SC	Invoice: PEPRA PPE 1.16.16	343.01	

SOLANO COUNTY WATER AGENCY
Cash Disbursements Journal
For the Period From Jan 1, 2016 to Jan 31, 2016

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	CALPERS		343.01
1/22/16	EFT	2020SC	Invoice: PPE 1.16.16	7,209.34	
		1020SC	CALPERS		7,209.34
1/22/16	EFT	2020SC	Invoice: SIP PPE 1.16.16	3,177.88	
		1020SC	CALPERS		3,177.88
1/22/16	EFT	2020SC	Invoice: 2016012001	661.25	
		1020SC	PAYCHEX, INC.		661.25
1/27/16	EFT	2020SC	Invoice: SALES TAX 2015	3,882.00	
		1020SC	STATE BOARD OF EQUALIZATION		3,882.00
1/28/16	EFT	2020SC	Invoice: 1/11/15-1/28/16	752.85	
		1020SC	PACIFIC GAS & ELECTRIC CO,		752.85
1/2/16	EFT	2024AC	EMPLOYEE LIABILITIES - 1.2.16	9,186.81	
		6012AC	EMPLOYER LIABILITIES - 1.2.16	4,225.14	
		1020SC	PAYROLL TAXES		13,411.95
1/16/16	EFT	2024AC	EMPLOYEE LIABILITIES - 1.16.16	9,478.56	
		6012AC	EMPLOYER LIABILITIES - 1.16.16	3,855.47	
		1020SC	PAYROLL TAXES		13,334.03
1/30/16	EFT	2024AC	EMPLOYEE LIABILITIES - 1.30.16	10,318.34	
		6012AC	EMPLOYER LIABILITIES - 1.30.16	2,410.17	
		1020SC	PAYROLL TAXES		12,728.51
1/25/16	FLORENDO DEC 2015	6551AC	BAYFRIENDLY LANDSCAPING & GARDENING COALITION	100.00	
		1020SC	BANK OF THE WEST		100.00
1/25/16	JONES DEC 2015	6181SC	IN ASAP LIEN SALES - VEHICLE VERIFICATION	83.00	
		6199SC	WALMART - SUPPLIES	60.86	
		6195SC	BAILEY'S INC WOODLAND - SUPPLIES	137.40	
		6188SC	ZTERS INC HOUSTON - PORTABLE TOILET	216.97	
		6199SC	APL ITUNES.COM - ICLOUD	0.99	
		6042AC	WORK WORLD SACRAMENTO - JACKET	107.98	
		6199SC	TOWN & GARDEN - SUPPLIES	8.58	
		6199SC	GUNS FISHING AND OTHER - SUPPLIES	17.13	
		1020SC	BANK OF THE WEST		632.91
1/25/16	LEE DEC 2015	6040AC	VERIZON WIRELESS -	32.38	
		6330AC	SAC COUNTY PARKING	8.75	
		6112AC	GODADDY.COM -	225.72	
		6112AC	GODADDY.COM -	62.36	
		6112AC	GODADDY.COM -	167.76	
		1020SC	BANK OF THE WEST		496.97
1/25/16	PATE DEC 2015	6040AC	AMROSIA CAFE & CATERING - STATE WATER CONTRACTORS MEETING	10.04	
		6330AC	CITYOFSAC PARKING	20.00	
		6330AC	CITYOFSAC PARKING	20.00	
		6090AC	AMER SOC CIVIL ENGINEERS MEMBERSHIP	265.00	
		6040AC	STARBUCKS - STRATEGIC PLAN MEETING	29.90	
		1020SC	BANK OF THE WEST		344.94
1/25/16	PHILLIPS DEC 2015	6360AC	JOINT POWERS INSURANCE - HUMAN RESOURCES GROUP MEETING	30.00	
		1020SC	BANK OF THE WEST		30.00
1/25/16	SNYDER DEC 2015	6300AC	AGILIS LINXUP MOTOSFTY - VEHICLE TRACKING	91.96	
		6090AC	YCFB EDUCATION CORP - SPRAY SAFE SEMINAR	10.00	
		6040AC	STAPLES DIRECT - SUPPLIES	51.92	
		6040AC	STAPLES DIRECT - SUPPLIES	17.68	
		6600SC	THE HOME DEPOT - SUPPLIES	35.54	
		6042AC	EMPIRE SAFETY & SUPPLY - SUPPLIES	444.10	
		6300AC	A TEST ONLY VACAVILLE - SMOG TEST	39.95	
		1020SC	BANK OF THE WEST		691.15
1/25/16	WILLINGMYRE DEC 201	6040AC	WHOLEFOODS DAVIS - REIMBURSED	30.45	

SOLANO COUNTY WATER AGENCY
Cash Disbursements Journal
For the Period From Jan 1, 2016 to Jan 31, 2016

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
		6040AC	NAPOLI PIZZERIA - LEGISLATIVE COMMITTEE	67.85	
		6040AC	NAPOLI PIZZERIA - FCAC	63.45	
		6040AC	IN REMOTELINK - PSC HEADWORKS	21.54	
		6040AC	IN REMOTELINK - EXEC MEET	15.37	
		6040AC	NUGGET MARKET - FCAC COOKIES	6.49	
		6040AC	NAPOLI PIZZERIA - ADVISORY COMM	65.15	
		6040AC	IN REMOTELINK - WATER POLICY COMM	42.19	
		6040AC	NAPOLI PIZZERIA - BOARD MEETING	35.00	
		6040AC	NUGGET MARKET - BOD & LPCCC COOKIES	25.96	
		6340AC	CHEGG.COM - TAXATION BOOK	90.42	
		6183SC	PUMPALARM.COM - WATER OVER FLOW ALARM	254.50	
		6040AC	IN REMOTELINK - STRATEGIC PLAN	13.49	
		6040AC	TARGET - COFFEE	47.96	
		1020SC	BANK OF THE WEST		779.82
	Total			4,116,402.16	4,116,402.16

ACTION OF
SOLANO COUNTY WATER AGENCY

DATE: February 11, 2016

SUBJECT: Contract Amendment for Additional Construction Material Testing and Geotechnical Support Services

RECOMMENDATION:

Authorize General Manager to execute Amendment No. 2 with KC Engineering for additional construction material testing and geotechnical support services, increasing total contract amount by \$15,000, from \$45,000 to \$60,000.

FINANCIAL IMPACT:

Funding is programmed and available in the FY 2015-2016 Solano Project Rehabilitation and Betterment Program budget for these expenses.

BACKGROUND:

The Water Agency has retained KC Engineering to provide miscellaneous geotechnical and construction material testing for a variety of projects, most notably the PSC Headworks rehabilitation project. Due to unforeseen complications with the PSC Headworks rehabilitation project – soil conditions not adequately described in the original PSC Headworks as-built drawings – and emergency PSC canal repairs near Green Valley, which were needed to repair canal leaks resulting from cracked concrete panels, KC Engineering’s services have been utilized more heavily than initially envisioned. A contract amendment is recommended to allow KC Engineering to complete all of the work tasks originally scheduled for completion in FY 2015-2016.

Recommended: _____
Roland Sanford, General Manager

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

Modification to Recommendation and/or other actions:

I, Roland Sanford, General Manager and Secretary to the Solano County Water Agency, do hereby certify that the foregoing action was regularly introduced, passed, and adopted by said Board of Directors at a regular meeting thereof held on February 11, 2016 by the following vote.

Ayes:

Noes:

Abstain:

Absent:

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

SOLANO COUNTY WATER AGENCY

AMENDMENT TO AGREEMENT FOR PROFESSIONAL SERVICES

AMENDMENT NUMBER: 2

CONTRACTOR: KC Engineering Company

EFFECTIVE DATE: February 11, 2016

PROJECT: Construction Materials Testing and Geotechnical Consulting

DESCRIPTION OF AMENDMENT:

1. Increase contract amount by \$15,000 from \$45,000 to \$60,000.

SIGNATURES:

Solano County Water Agency,
a Public Agency

KC Engineering Company

By: _____
Roland Sanford,
General Manager

By: _____
David V. Cymanski,
Principal

ACTION OF
SOLANO COUNTY WATER AGENCY

DATE: February 11, 2016

SUBJECT: Contract Amendment for Additional Construction Inspection Services

RECOMMENDATION:

Authorize General Manager to execute Amendment No. 3 to Agreement with Smith Inspection for construction inspection services during final stages and closeout of PSC Headworks Improvement Project, increasing total contract amount by \$15,000, from \$122,000 to \$137,000.

FINANCIAL IMPACT:

Funding is programmed and available in the current fiscal year Solano Project Rehabilitation and Betterment Program budget for this expense.

BACKGROUND:

The purpose of the amendment with Smith Inspection is to provide an appropriate level of inspection services during the final stages and closeout of the PSC Headworks Improvement Project. The project has experienced several unexpected delays and construction changes over the course of the project, necessitating additional inspection services. The amendment will provide the inspection support needed to bring the project to completion.

The PSC Headworks Improvement Project is a major capital improvement project located at the Putah Diversion Dam facility. The project involves replacement of the intake screens and screen cleaning system, addresses settlement issues, and provides electrical upgrades. The Board previously approved the purchase of the Brackett® Bosker Raking Machine automated screen cleaning system, at a cost of \$746,150. The Board also awarded a construction contract to Anderson Pacific to implement the improvement plans which includes installation of the screen cleaner system for the amount of \$1,199,215.

Recommended: _____
Roland Sanford, General Manager

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

Modification to Recommendation and/or other actions:

I, Roland Sanford, General Manager and Secretary to the Solano County Water Agency, do hereby certify that the foregoing action was regularly introduced, passed, and adopted by said Board of Directors at a regular meeting thereof held on February 11, 2016 by the following vote.

Ayes:

Noes:

Abstain:

Absent:

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

SOLANO COUNTY WATER AGENCY

AMENDMENT TO AGREEMENT FOR PROFESSIONAL SERVICES

AMENDMENT NUMBER: 3

CONTRACTOR: Smith Inspection

EFFECTIVE DATE: February 11, 2016

PROJECT: PSC Headworks Inspection

DESCRIPTION OF AMENDMENT:

1. Increase contract amount by \$15,000 from \$122,000 to \$137,000.

SIGNATURES:

Solano County Water Agency,
a Public Agency

Robert Smith
dba: Smith Inspection

By: _____
Roland Sanford,
General Manager

By: _____
Robert Smith,
Smith Inspection

ACTION OF
SOLANO COUNTY WATER AGENCY

DATE: February 11, 2016

SUBJECT: Contract Amendment for expanded Residential Baseline Water Use Assessment Study

RECOMMENDATION:

Authorize General Manager to execute Amendment No. 1 to Agreement with Erler and Kalinowski, Inc. (EKI) for expanded Residential Baseline Water Use Assessment Study, increasing total contract amount by \$25,000, from \$55,000 to \$80,000.

FINANCIAL IMPACT:

Sufficient funding is available in the FY 2015-2016 Water Conservation Budget for these expenses.

BACKGROUND:

Since FY 2012-2013 the Water Agency has invested over \$4.3 million dollars in various water conservation projects, most notably the ongoing High Efficiency Toilet, High Efficiency Washer, and turf replacement rebate programs. Erler and Kalinowski has been retained to evaluate the effectiveness of SCWA’s water conservation programs and the remaining water conservation potential in the Solano County residential home sector. Since the study began a significant amount of new water conservation data, primarily from the City of Fairfield, has become available. Staff believes the inclusion of this new water conservation data would significantly enhance the quality of the Erler and Kalinowski study

Recommended: _____
Roland Sanford, General Manager

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

Modification to Recommendation and/or other actions:

I, Roland Sanford, General Manager and Secretary to the Solano County Water Agency, do hereby certify that the foregoing action was regularly introduced, passed, and adopted by said Board of Directors at a regular meeting thereof held on February 11, 2016 by the following vote.

Ayes:

Noes:

Abstain:

Absent:

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

SOLANO COUNTY WATER AGENCY

AMENDMENT TO AGREEMENT FOR PROFESSIONAL SERVICES

AMENDMENT NUMBER: 1

CONTRACTOR: Erler & Kalinowski, Inc.

EFFECTIVE DATE: February 11, 2016

PROJECT: Single-Family Residential Water Use and Conservation
Potential Pilot Study

DESCRIPTION OF AMENDMENT:

1. Increase contract amount by \$25,000 from \$55,000 to \$80,000.

SIGNATURES:

Solano County Water Agency,
a Public Agency

Erler & Kalinowski, Inc.

By: _____
Roland Sanford, General Manager
Solano County Water Agency

By: _____
Anona Dutton, Vice President
Erler & Kalinowski, Inc.

ACTION OF
SOLANO COUNTY WATER AGENCY

DATE: February 11, 2016

SUBJECT: Agreement with McCord Environmental, Inc., for Westside IRWMP Brownfield Coalition Assessment Project

RECOMMENDATION:

Authorize General Manager to execute \$460,000 agreement with McCord Environmental, Inc., for Westside Integrated Regional Water Management Plan Brownfield Coalition Assessment Project.

FINANCIAL IMPACT:

None, entire project is grant funded.

BACKGROUND:

In October 2015 The Westside Integrated Regional Water Management Plan (Westside IRWMP) was awarded a \$467,378 U.S. Environmental Protection Agency Brownfields Assessment Program grant to inventory mine-scarred brownfields in the Cache and Putah Creek watersheds, conduct six Phase I and two Phase II Environmental Site Assessments, and prepare two Site Cleanup Plans. The Westside IRWMP Coordinating Committee, which is comprised of representatives from the Lake County Watershed Protection District, Napa County Flood Control and Water Conservation District, Solano County Water Agency, and the Water Resources Association of Yolo County solicited consultant proposals to complete the aforementioned work tasks, and ultimately selected McCord Environmental, Inc. to perform the work. The project is scheduled to be completed in three years. The Solano County Water Agency, on behalf of the participating members of the Westside IRWMP, will serve as the fiscal agent and as such, be the primary contact with the U.S. Environmental Protection Agency, and McCord Environmental, Inc.

Recommended: _____
Roland Sanford, General Manager

☐

Approved as
recommended

☐

Other
(see below)

Modification to Recommendation and/or other actions:

I, Roland Sanford, General Manager and Secretary to the Solano County Water Agency, do hereby certify that the foregoing action was regularly introduced, passed, and adopted by said Board of Directors at a regular meeting thereof held on February 11, 2016 by the following vote.

Ayes:

Noes:

Abstain:

Absent:

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

Name of Project: **Westside Brownfields Coalition Assessment Project**

SOLANO COUNTY WATER AGENCY

AGREEMENT FOR PROFESSIONAL SERVICES

(Professional Services/Professional Liability/General Liability & Auto/no Additional Insured)

THIS AGREEMENT, **effective February 11, 2016**, is between SOLANO COUNTY WATER AGENCY, a public agency existing under and by virtue of Chapter 573 of the 1989 statutes of the State of California, hereinafter referred to as "Agency," and **McCord Environmental, Inc.**, hereinafter referred to as "Contractor."

The Agency requires services for **Westside Brownfields Coalition Assessment Project**; and the Contractor is willing to perform these services pursuant to the terms and conditions set out in this Agreement.

IT IS MUTUALLY AGREED, as follows:

1. SCOPE OF SERVICES

The Agency hereby engages the Contractor, and the Contractor agrees to perform the services for **Westside Brownfields Coalition Assessment Project**, as described in Exhibit A, in accordance with the terms of this Agreement and any applicable laws, codes, ordinances, rules or regulations. In case of conflict between any part of this Agreement, this Agreement shall control over any Exhibit.

2. COMPENSATION

Compensation for services shall be as follows: Hourly rate of personnel plus any allowed reimbursable expenses based on unit costs as indicated on any allowed reimbursable expense in Exhibit B **not to exceed \$460,000** for all work contemplated by this Agreement.

3. METHOD OF PAYMENT

Upon submission of an invoice by the Contractor, and upon approval of the Agency's representative, the Agency shall pay the Contractor monthly in arrears for fees and allowed expenses incurred the prior month, however in no event shall the cumulative total paid pursuant to this agreement exceed the maximum amount provided for in paragraph 2 of this Agreement. Every invoice shall specify hours worked for each task identified in Exhibit A undertaken.

Each invoice shall be accompanied by a spreadsheet showing, by month, costs incurred to date for the project broken down by the Tasks identified in Exhibit A. The spreadsheet shall show, for each task, budget amounts, total expended and remaining amounts. The spreadsheet shall show a subtotal for each fiscal year covered by the contract. Any amendments to the

contract shall be listed and incorporated into spreadsheet. An example of a typical spreadsheet shall be provided by the Agency.

4. TIME OF PERFORMANCE

This Agreement shall become effective as of the date it is executed and said services will take place between this date and **June 30, 2019** as directed by the Agency.

5. MODIFICATION AND TERMINATION

This Agreement may be modified or amended only by written instrument signed by the parties hereto, and the Contractor's compensation and time of performance of this Agreement shall be adjusted if they are materially affected by such modification or amendment.

(Note: this paragraph is optional) Any change in the scope of the professional services to be done, method of performance, nature of materials or price thereof, or to any other matter materially affecting the performance or nature of the professional services will not be paid for or accepted unless such change, addition or deletion be approved in advance, in writing, by the Agency's General Manager.

This Agreement may be terminated by the Agency at any time, without cause, upon written notification to the Contractor. The Contractor may terminate this Agreement upon 30 days written notice to Agency.

Following termination by the Agency or the Contractor, the Contractor shall be reimbursed for all expenditures made in good faith in accordance with the terms of this Agreement that are unpaid at the time of termination.

6. PERMITS *(Note: include only if permits are required)*

Permits required by governmental authorities will be obtained at the Contractor's expense, and the Contractor will comply with local, state and federal regulations and statutes including Cal/OSHA requirements.

7. INDEMNIFY AND HOLD HARMLESS

When the law establishes a professional standard of care for the Contractor's services, to the fullest extent permitted by law, Contractor will defend, indemnify and hold harmless the Agency, its directors, officers, employees, and authorized volunteers from all claims and demands of all persons that arise out of, pertain to, or relate to the Contractor's negligence, recklessness, or willful misconduct in the performance (or actual or alleged non-performance) of the work under this agreement. The Contractor shall defend itself against any and all liabilities, claims, losses, damages, and costs arising out of or alleged to arise out of Contractor's performance or non-performance of the work hereunder, and shall not

tender such claims to Agency nor to its directors, officers, employees, or authorized volunteers, for defense or indemnity.

Other than in the performance of professional services, to the fullest extent permitted by law, Contractor will defend, indemnify and hold harmless the Agency, its directors, officers, employees and authorized volunteers from all claims and demands of all persons arising out of the performance of the work or furnishing of materials; including but not limited to, claims by the Contractor or Contractor's employees for damages to persons or property except for the sole negligence or willful misconduct or active negligence of the Agency, its directors, officers, employees, or authorized volunteers.

8. INSURANCE

By his/her signature hereunder, Contractor certifies that he/she is aware of the provisions of Section 3700 of the California Labor Code which requires every employer to be insured against liability for workers' compensation or to undertake self-insurance in accordance with the provisions of that code, and that Contractor will comply with such provisions before commencing the performance of the professional services under this agreement. Contractor and sub-contractors will keep workers' compensation insurance for their employees in effect during all work covered by this agreement.

Contractor will file with the Agency, before beginning professional services, a certificate of insurance satisfactory to the Agency evidencing professional liability coverage of not less than \$1,000,000 per claim and annual aggregate, requiring 30 days notice of cancellation (10 days for non-payment of premium) to the Agency. Any insurance, self-insurance or other coverage maintained by the Agency, its directors, officers, employees, or authorized volunteers shall not contribute to it. Coverage is to be placed with a carrier with an A.M. Best rating of no less than A-:VII, or equivalent, or as otherwise approved by the Agency. The retroactive date (if any) is to be no later than the effective date of this agreement. In the event that the Contractor employs other contractors (sub-contractors) as part of the work covered by this agreement, it shall be the Contractor's responsibility to require and confirm that each sub-contractor meets the minimum insurance requirements specified above.

Contractor will file with the Agency, before beginning professional services, certificates of insurance satisfactory to the Agency evidencing general liability coverage of not less than \$1,000,000 per occurrence (\$2,000,000 general and products-completed operations aggregate (if used)) for bodily injury, personal injury and property damage; auto liability of at least \$1,000,000 for bodily injury and property damage each accident limit; workers' compensation (statutory limits) and employer's liability (\$1,000,000) (if applicable); requiring 30 days (10 days for non-payment of premium) notice of cancellation to the Agency. Any insurance, self-insurance or other coverage maintained by the Agency, its directors, officers, employees, or authorized volunteers shall not contribute to it. Coverage is to be placed with a carrier with an A.M. Best rating of no less than A-:VII, or equivalent, or as otherwise approved by the Agency. In the event that the Contractor employs other contractors (sub-contractors) as part of the work covered by this agreement, it shall be the Contractor's responsibility to require and confirm that each sub-contractor meets the minimum insurance requirements specified above.

If any of the required coverages expire during the term of this agreement, the Contractor shall deliver the renewal certificate(s) including the general liability additional insured endorsement to the Agency at least ten (10) days prior to the expiration date.

9. COMPLIANCE WITH LAW *(Note: This section is optional)*

The Contractor shall be subject to and comply with all federal, state and local laws and regulations applicable with respect to its performance under this Agreement, including but not limited to, licensing, employment and purchasing practices; and wages, hours and conditions of employment.

10. RECORD RETENTION *(Note: This section is optional)*

Except for materials and records, delivered to the Agency, the Contractor shall retain all materials and records prepared or obtained in the performance of this Agreement, including financial records, for a period of at least three years after the Contractor's receipt of the final payment under this Agreement. Upon request by the Agency, the Contractor shall make such materials and records available to the Agency at no additional charge and without restriction or limitation to State and federal governments at no additional charge.

11. OWNERSHIP OF DOCUMENTS *(Note: This section is optional)*

All materials and records of a finished nature, such as final plans, specifications, reports and maps, prepared or obtained in the performance of this Agreement, shall be delivered to and become the property of the Agency. All materials of a preliminary nature, such as survey notes, sketches, preliminary plans, computations and other data, prepared or obtained in the performance of this Agreement, shall be made available, upon request, to the Agency at no additional charge and without restriction or limitation on their use.

12. SUBCONTRACT AND ASSIGNMENT

This Agreement binds the heirs, successors, assigns and representatives of the Contractor. The Contractor shall not enter into subcontracts for any work contemplated under this Agreement and shall not assign this Agreement or monies due or to become due, without the prior written consent of the General Manager of the Agency or his designee, subject to any required state or federal approval. *(Note: list any subcontractors here)*

13. NONRENEWAL *(Note: This section is optional)*

The Contractor understands and agrees that there is no representation, implication, or understanding that the services provided by the Contractor under this Agreement will be purchased by the Agency under a new agreement following expiration or termination of this Agreement, and waives all rights or claims to notice or hearing respecting any failure to continue purchase of all or any such services from the Contractor.

14. NOTICE

Any notice provided for herein are necessary to the performance of this Agreement and shall be given in writing by personal delivery or by prepaid first-class mail addressed as follows:

AGENCY

Roland Sanford, General Manager
Solano County Water Agency
810 Vaca Valley Parkway, Suite 203
Vacaville, CA 95688

CONTRACTOR

Stephen McCord, President
McCord Environmental, Inc.
759 Bianco Court
Davis, CA 95616

The parties have executed this Agreement the day and year first above written. If the Contractor is a corporation, documentation must be provided that the person signing below for the Contractor has the authority to do so.

Solano County Water Agency
a Public Agency

McCord Environmental, Inc.

By: _____

Roland Sanford,
General Manager

By: _____

Stephen McCord,
President

EXHIBIT A

SCOPE OF SERVICES

**U.S. ENVIRONMENTAL PROTECTION AGENCY BROWNFIELDS
ASSESSMENT PROGRAM**

WORK PLAN

Cooperative Agreement #: _____(TBD)

FOR

ABANDONED MINE SITES in the CACHE and PUTAH CREEK WATERSHEDS
in the COUNTIES of LAKE, NAPA, SOLANO, and YOLO

August 1, 2015

For
Eric Byous
Brownfield Program, Superfund Division
(415) 972-3531 byous.eric@epa.gov

Submitted by
Solano County Water Agency
810 Vaca Valley Parkway
Vacaville, CA 95688
Primary Contact: Chris Lee
(707) 455-1105 cleee@scwa2.com

Brownfields Assessment Grant Work Plan

A. Recipient Title

Solano County Water Agency

B. Background

This proposal is distinct from typical brownfields in that the targeted sties are predominantly abandoned mine sites in rural areas. This is a unique opportunity to address our legacy of contamination holistically, consistently, and collectively. Mercury is our state's leading cause of water quality impairment, and our two watersheds were-and continue to be-a major sources of that contamination. Within the 1,500-square mile planning area, there are approximately 100 abandoned mine features. Mercury monitoring downstream of these features had led to the listing of five reservoirs and many miles of streams as mercury-impaired.

The mining legacy is often associated with the Gold Rush in the late 1800's, but mining also occurred sporadically to supply munitions for the world wars, and industrial products (thermometers, hearing aids, fluorescent light bulbs) into the early 1970's. The upper watersheds have been exploited by miners during each period with no regard to environmental protection. Now, several of the rural communities are economically disadvantaged and separated from the development experienced in the valleys below. The target community has over 10% unemployment and nearly 40% of people live below poverty levels. This project will connect these communities to downstream water users and to significant regional development plans.

C. Goals and Objectives

a. EPA Strategic Plan

This project supports EPA's Strategic Plan and GPRA Goal 3: Cleaning Up Communities and Advancing Sustainable Development, Objective 3.1 Promote Sustainable and Livable Communities.

Outputs: *Provide work plan deliverables, such as Sampling Plans, Phase I and Phase II reports, property profile forms, community outreach materials, etc.*

Outcomes: *Provide the anticipated number of assessments, inventory, and if known, the number of acres that will be ready for reuse, dollars leveraged, and number of jobs created.*

b. Project Goals

This project proposes to complete seven major tasks, which will involve rural community members through targeted outreach as we inventory all mine-scarred brownfields in the Cache and Putah Creek watersheds, conduct six Phase I and two Phase II Environmental Site Assessments, prepare two Site Cleanup Plans, and address institutional controls.

D. Tasks

Chris Lee, Principal Water Resources Specialist at SCWA, will be the Project Director referenced in the tasks below. Each Coalition member will assign primary and alternate staff to participate. SCWA will follow EPA procurement rules in soliciting proposals and selecting a team of consultants with knowledge, training, qualifications and experience for the following roles:

- Project Manager (PM)—Regional mining legacy; mercury sources, cycling, and regulations; managing multi-disciplinary projects involving a wide range of stakeholders.
- Facilitator—Stakeholder outreach and engagement; meeting facilitation.
- Spatial Analyst—Compiling, manipulating and analyzing regional geospatial data.
- Site Assessment and Cleanup Plan Contractor (Contractor)—Assessing and planning cleanups of mine-scarred lands following Brownfields Program protocols.

Consultant team will be selected 0-3 months after the contract between SCWA and EPA is signed.

Task 1 - Public Outreach and Engagement

The Coalition will identify, inform and engage potential stakeholders through several venues, as shown in **Table 1** along with relevant output. Early actions will focus on educating the targeted community about the project's goals, process, and information needs; subsequent meetings on intersecting land uses; and later meetings on explaining ESA results and cleanup plans. Actions and outputs will be assigned and tracked online and in quarterly Coalition meetings. The Facilitator, who already hosts quarterly public Coalition meetings, will conduct general outreach to identified stakeholders. Each Coalition member will be responsible for updating their jurisdiction on relevant program information obtained during the quarterly meetings and for soliciting input on potential brownfields.

The Coalition will address both urban and open space redevelopment uses of brownfields (community gardens, solar/wind farms, bike trails) and the stakeholders that take interest in those issues. Stakeholders include community organizations (see section 3.c.i), industries (energy purveyors, mining companies), and municipal staff (planning, parks, open space, recreation, and

economic development).

Table 1. Public Outreach Actions to Conduct for Coalition Assessment Grant

Outreach Action	Metrics / Outputs / Outcomes
Contact individuals	Identify 10 individual contacts per County in Coalition meeting minutes
Contact community organizations (COs)	Identify 10 CO contacts in Coalition meeting minutes
Produce project flyer	Print and distribute 100 project flyers to stakeholders during the project term
Lead stakeholder input meetings	Facilitate (prepare for, lead, summarize) quarterly Coalition meetings; provide remote access option; distribute via email list agendas prior to and summaries following each meeting; solicit project submittals
Create and maintain project web page	Upload project web page within 6 months of startup; provide links to web page in newsletter articles, project flyer, listserv emails, and Coalition member meetings; include contact information for Project Director
Maintain listserv	Active listserv maintained as needed
Contribute news articles	Provide project updates twice annually, distribute to over 725 recipients
Compile land use/ redevelopment plans	Land use/ redevelopment plans uploaded or referenced on project web site, portrayed in map overlays, and referenced in Area-wide Brownfields Plan (Task 5)
Promote financing & implementation for cleanup & redevelopment	Public input on Area-wide Brownfields Plan (Task 5) financing & implementation strategy
Participate in regional forums to exchange information	Provide project updates to Delta Tributaries Mercury Council (quarterly regional stakeholder forum) and statewide mercury control program; four Coalition members attend two Brownfields conferences each

b. Task Budget

Cost Assumptions: Project Director: 288 hrs x \$70/hr=\$20,160; travel costs: \$1,000/conference x 2 conferences x 4 Coalition participants plus 560 miles x \$0.56/mi = \$8,314; \$1,350 for outreach supplies; \$12,000 for COs honoraria; PM: 138 hrs x \$190/hr = \$26,220; Facilitator: 144 hrs x \$120/hr = \$17,280.

Cost: Brownfields Grant \$ 85,378

c. Schedule

Task Start Date: 0-3 months after PM is selected Task Completion Date: 20-34 months after starting task

d. Deliverables

- *RFP/ RFQ or other contractor selection documents*
- *Creation/Maintenance of Project Web Page*
- *Active Listserv of Stakeholders*

Task 2 - Site Identification / Selection

a. Task Description

The PM will compile existing brownfield site information and review land use plans and general plans to determine where the most contaminated sites intersect with current land use/planning priorities. The PM will consult with Coalition members, as well as the stakeholders engaged under Task 1, to develop quantifiable criteria to prioritize sites (see section 2.a.iii above) for ESAs under Task 3. The Spatial Analyst will attribute criteria values to each prospective site, and apply the criteria to rank sites for ESAs. Coalition members will present the sites to their respective county/town boards to gather public input on prioritized and new sites to evaluate site eligibility. The PM will populate and maintain the Sites List. Coalition members in each county will contact landowners to request site access consistent with the state's Gatto Act, which grants cities, counties and housing authorities the right to obtain environmental information from brownfield property owners, the authority to compel cleanup, the right to recover the full costs of cleanup, and immunities for any release or releases addressed in an approved cleanup plan.

b. Task Budget

Cost Assumptions: Project Director: 80 hrs x \$70/hr=\$5,600; PM: 100 hrs x \$190/hr = \$19,000; Spatial Analyst: 160 hrs x \$75/hr = \$12,000

Cost: Brownfields Grant \$ 37,440

c. Schedule

Task Start Date: 0-3 months after PM is selected Task Completion Date: 10-16 months after start of task

d. Deliverables

- Site inventories
- Sites prioritization scheme memo
- Priority Sites List updated annually

Task 3 - Environmental Site Assessments

a. Task Description

The Coalition will assess prioritized sites to determine the nature and extent of contamination and to evaluate its public health and environmental risks. The Contractor will prepare and submit site eligibility forms for sites identified and prioritized under Task 1, for review and subsequent submittal to the EPA Project Officer for review and determination. The Contractor will conduct at least six Phase I and two Phase II ESAs for sites determined eligible by EPA. If selected sites for ESAs are deemed ineligible (most likely due to inaccessibility), new site eligibility forms will be prepared additional sites on the prioritized list and contingent upon remaining budget. Prior to beginning work on any Phase II ESAs, the Contractor will prepare Sampling and Analysis Plans, Quality Assurance Project Plans, and/or Health and Safety Plans (as applicable) for the Project Director to review and submit to EPA for review and approval.

b. Task Budget

Cost Assumptions: Project Director: 108 hrs x \$70/hr=\$7,560; PM: 56 hrs x \$190/hr = \$10,640; site eligibility form: 16 x \$570 = \$9,120; Phase I ESAs = 6 x \$4,700 = \$28,200; Phase II ESAs = 2 x \$35,000 = \$70,000

Cost: Brownfields Grant \$ 126,654

c. Schedule

Task Start Date: 0-3 months after PM is selected Task Completion Date: 16-24 months after start of task

d. Deliverables

- 16 site eligibility forms
- 6 Phase I ESAs
- 2 Phase II ESAs

Task 4 - Cleanup/Reuse Planning

a. Task Description

The Contractor will develop two Site Cleanup Plans, addressing input received from Coalition members, property owners, and other stakeholders. Each plan will include an Analysis of Brownfields Cleanup Alternatives (ABCA) and address concerns related to climate change.

b. Task Budget

Cost Assumptions: Project Director: 64 hrs x \$70/hr=\$4,480; PM: 32 hrs x \$190/hr = \$6,080; Site Cleanup Plans and ABCAs = \$60,000/plan x 2 plans = \$120,000

Cost: Brownfields Grant \$ 131,232

c. Schedule

Task Start Date: 0-3 months after PM is selected Task Completion Date: 16-24 months after start of task

d. Deliverables

- Two Site Cleanup Plans and ABCAs

Task 5 - Area-wide Brownfields Planning

a. Task Description

The Coalition, supported by stakeholders engaged under Task 1, will leverage regional reuse and development plans to set cleanup goals and strategies beyond the scope and term of this project. The PM will produce an Area-wide Brownfields Plan that will describe the area's history with brownfields; identify key land use policies, planning initiatives, pertinent developments, and potential market considerations; list all sites identified and assessed under the Brownfields Program and proposed redevelopment opportunities; and recommend funding and implementation activities.

b. Task Budget

Cost Assumptions: Project Director: 100 hrs x \$70/hr=\$7,000; PM: 120 hrs x \$190/hr = \$22,800; Spatial Analyst: 160 hrs x \$75/hr = \$12,000.

Cost: Brownfields Grant \$ 42,850

c. Schedule

Task Start Date: 0-3 months after PM is selected Task Completion Date: 5-10 months after start of task

d. Deliverables:

- Map-based catalog of relevant regional plans and known brownfields
- Area-wide Brownfields Plan

Task 6 - Program Management/ Reporting

a. Task Description

The Project Director will develop specifications, advertise, select and contract with qualified contractors. The Project Director will also schedule meetings with EPA staff to review progress, track progress of all tasks, review all outputs, and confirm budget status. The Administrative Services Manager will prepare and submit quarterly progress reports, annual financial status reports, Minority-Owned Business Enterprise (MBE) / Woman-Owned Business Enterprise (WBE) utilization updates, and a final program report in compliance with EPA program requirements and the cooperative agreement; and update the ACRES online database to track project progress

Quarterly Reports:

- Summary of Successes/Challenges over the past quarter
- Assistance Needed from EPA
- Narrative Update by Task that follows the format of the approved work plan
- Financial Status by Task-The narrative update for each task should include a budgeted table, by project task and budget category, of expenses that will be invoiced and/or have been invoiced during the reporting period.
- Cumulative Expenditures to Date-Including a cumulative budget table of expenditures to date by project task and category. The quarterly budget summaries will include information on cost share.
- Spreadsheet of Assessed Sites

Final Report:

1. Overall Project Goals: Provide a summary of the project's overall redevelopment and brownfields goals.
2. Successes: A short narrative (1-2 paragraphs) summary description of the project successes (es), such as sites that are ready for reuse or have moved to redevelopment, or planning or policy documents completed under the grant. For site specific successes, information will be provided on the former use of the site, number of

acres, future reuse of the site, and why the site is a priority or catalyst site. Site photos or schematic images of future reuse plans will be included.

3. Lessons Learned/Best Practices: Lessons learned and best practices/materials transferable to other communities will be identified; opportunities for sharing information, including how the Solano County Water Agency and EPA, and others can share that information across multiple media types (meetings, conferences, changes to local policy, social media, etc.)
4. Partnering/Leveraging: Significant partnering with other organizations and/or leveraging of resources, as well as any resources leveraged to continue the project after the expiration of the brownfields grant will be identified.
5. Work Plan Accomplishments: A summary of accomplishments for each of the grant Work Plan tasks and/or and tasks that were not completed and why will be identified.
6. EPA Acknowledgment: Information on how EPA has been acknowledged as a funding partner will be identified.
7. ACRES/Site Assessment Spreadsheet: A final site assessment spreadsheet (following EPA template) will be included. All site entries will be up to date in ACRES.
8. Budget: A budget table that compares total budgeted amounts and total amounts spent and any funds that will be returned to EPA will be included.

b. Task Budget

Cost Assumptions: Project Director: 144 hrs x \$70/hr=\$10,080; Admin. Services Manager: 288 hrs x \$30/hr=\$8,640; PM: 36 hrs x \$190/hr = \$6,840

Cost: Brownfields Grant \$ 28,368

c. Schedule

Task Start Date: 0-3 months after PM is selected Task Completion Date: Task will continue until completion of project.

d. Deliverables

- 12 quarterly progress reports
- 3 MBE/WBE utilization updates
- 3 annual SF425 federal financial status reports
- 1 final program report

Task 7 - Institutional Controls

a. Task Description

The Coalition will evaluate each participating county's existing institutional controls that address brownfields, leading to three activities. First, ESAs (Task 3) will be incorporated into existing

databases of mine-scarred and other contaminated sites. Second, existing controls will be referenced and addressed in Site Cleanup Plans (Task 4). And third, additional controls will be considered under Task 5: (1) evaluating construction projects for brownfield status and ESA records; (2) requiring a Phase I ESA for tax-foreclosed properties with observed environmental impairment prior to public auction, for which the cost would be recovered in the auction price; and (3) updating county-wide hazardous sites maps used by local permitting agencies.

b. Task Budget

Cost Assumptions: Project Director: 192 hrs x \$70/hr=\$13,400

Cost: Brownfields Grant \$ 15,456

c. Schedule

Task Start Date: 0-3 months after PM is selected Task Completion Date: 20-34 months after start of task

d. Deliverables

- Report on existing institutional controls for brownfields
- Up to one new institutional control per county will be developed
- Report on impacts of implemented institutional controls

E. Schedule of Milestones & Deliverables

Fiscal Year	Quarter	Quarterly Report Due	Milestones and Deliverables Due with Quarterly Report	Status
2016	1st	Jan 30	<ul style="list-style-type: none"> • Procure Project Manager • Revise Work plan 	
2016	2nd	Apr 30	<ul style="list-style-type: none"> • Procure Site Assessment and Cleanup Plan Contractor (Contractor) 	
2016	3rd	Jul 30	<ul style="list-style-type: none"> • Sites prioritization scheme memo 	
2016	4th	Oct 30	<ul style="list-style-type: none"> • Assemble Coalition members' planning/land use information, mine site 	

			inventories, and mercury contamination information	
2017	1st	Jan 30	<ul style="list-style-type: none"> • Develop and apply Environmental Site Assessment (ESA) prioritization criteria • 16 site eligibility forms • Obtain access authorization for selected sites 	
2017	2nd	Apr 30	<ul style="list-style-type: none"> • Report on existing institutional controls for brownfields • 6 Phase I ESAs 	
2017	3rd	Jul 30	<ul style="list-style-type: none"> • 2 Phase II ESAs 	
2017	4th	Oct 30	<ul style="list-style-type: none"> • Two Site Cleanup Plans and ABCAs 	
2018	1st	Jan 30	<ul style="list-style-type: none"> • Up to one new institutional control per county 	
2018	2nd	Apr 30	<ul style="list-style-type: none"> • Map-based catalog of relevant regional plans and known brownfields 	
2018	3rd	Jul 30	<ul style="list-style-type: none"> • Area-wide Brownfields Plan • 1 Final program report 	
2018	4th	Oct 30	<ul style="list-style-type: none"> • Report on impacts of implemented institutional controls. 	
Ongoing	--	--	<ul style="list-style-type: none"> • Host quarterly public Coalition meetings 	
Ongoing	--	--	<ul style="list-style-type: none"> • Outreach to elected officials, environmental authorities, and government land managers about mine site cleanup opportunities and priorities 	
Ongoing	--	--	<ul style="list-style-type: none"> • Sites List updated annually 	
Ongoing	--	--	<ul style="list-style-type: none"> • 12 quarterly progress reports • 3 MBE/WBE utilization updates • 3 annual SF425 federal financial status reports 	

F. Budget Summary

Budget Categories	Project Tasks							
	Task 1	Task 2	Task 3	Task 4	Task 5	Task 6	Task 7	Total
Personnel	\$20,160	\$5,600	\$7,560	\$4,480	\$7,000	\$18,720	\$13,440	\$76,960
Fringe Benefits	\$3,024	\$840	\$1,134	\$672	\$1,050	\$2,808	\$2,016	\$11,544
Travel	\$8,314	\$0	\$0	\$0	\$0	\$0	\$0	\$8,314
Supplies	\$1,350	\$0	\$0	\$0	\$0	\$0	\$0	\$1,350
Contractual	\$52,530	\$31,000	\$117,960	\$126,080	\$34,800	\$6,840	\$0	\$369,210
Total	\$85,378	\$37,440	\$126,654	\$131,232	\$42,850	\$28,368	\$15,456	\$467,378

G. Greening Grants

EPA has a [Greening Grants Policy](#), which encourages grantees to incorporate green practices into their projects. The Solano County Water Agency does the following green practices already and will incorporate them into the tasks performed for this grant:

- 1. Environmentally preferable purchasing (e.g. office supplies)*
- 2. Recycling (e.g. in SCWA office)*
- 3. Green meetings (e.g. for any community meetings)*

EXHIBIT B

RATE OF COMPENSATION

Firm: Burleson Consulting, Inc. (Burleson) is a Small Woman-Owned Disadvantaged Business Enterprise. Burleson is a leading provider of environmental studies, including; engineering evaluation/cost analyses, remedial investigations/feasibility studies, remediation system design, sampling and analysis support, construction management and oversight. Burleson's staff has completed numerous system installations, operations and maintenance plans, regulatory negotiations, and site closures on behalf of its clients. Burleson's staff consists of engineers, geologists, chemists, risk assessors, economists, estimators, construction managers, GIS specialists, and environmental scientists with extensive experience completing activities for remediating hazardous waste sites. In particular:

- Burleson is experienced in Brownfield abandoned mine remediation services.
- Burleson is skilled at developing concise field sampling plans, quality assurance project plans, and health and safety plans that comply with CERCLA requirements.
- Burleson is adept at implementing EPA's data quality objective process and TRIAD approach to streamline remediation projects.

Office Location: Folsom, CA

Project Roles: Support the identification and prioritization of brownfields under Task 2; follow EPA Brownfields Program protocols in leading the assessment (Task 3) and cleanup planning (Task 4) of prioritized sites; support regional planning under Task 5.

D. Budget

The estimated budget for the above tasks within the prescribed schedule is \$460,000 (see **Table 1**, below). We assume that Westside CC members will provide necessary input and support for activities, such as obtaining community meeting space, representing their counties in public meetings, contributing information, reviewing draft deliverables, and connecting with county-level staff for information.

The budget estimates for each task are similar to the Work Plan estimates, with these notable exceptions:

- The budget for Task 1 (Public Outreach and Engagement) is higher than estimated in the Work Plan because the original budget was based on the assumption that the Westside CC facilitator would just take on additional responsibilities, and thus leverage cost-savings. This budget will also allow the project leads from BSK Associates and Burleson Consulting to participate in at least one Westside CC meeting per year. Each firm lead will also present at one regional forum.
- Task 1 in the grant proposal included approximately \$8,000 for Westside CC members to attend Brownfields conferences. A nominal \$4,000 of the Task 1 expenses estimate is for the project team to identify (with support from Westside CC members) and each lead attend one appropriate conference.
- The budget for Task 4 (Cleanup/Reuse Planning) is lower than estimated in the original grant proposal based on a less conservative estimate for two simple ABCAs with ARAR

evaluation, and risk evaluations consisting of comparison of site information to screening.

The total grant budget awarded (\$467,378) will not be exceeded without prior written approval from the Westside CC and a justifiable increase in work than assumed for this proposal. Billing rate sheets for each firm are provided in **Appendix C**.

Table 1. Brownfields Coalition Assessment Project – Budget

Tasks	MEI	Study Team ⁽¹⁾			Total Fees	Direct Costs ⁽²⁾	Total
		LGC	BSK	Burleson			
Task 1 – Public Outreach and Engagement	\$ 22,260	\$ 64,003	\$ 5,852	\$ 5,852	\$ 97,967	\$ 22,233	\$ 120,200
Task 2 – Site Identification / Selection	\$ 10,640	\$ -	\$ 30,800	\$ 12,650	\$ 54,090	\$ -	\$ 54,090
Task 3 – Environmental Site Assessments	\$ 3,800	\$ -	\$ 4,180	\$ 128,700	\$ 136,680	\$ -	\$ 136,680
Task 4 – Cleanup/Reuse Planning	\$ 13,960	\$ -	\$ 3,344	\$ 44,000	\$ 61,304	\$ -	\$ 61,304
Task 5 – Area-wide Brownfields Planning	\$ 4,560	\$ -	\$ 30,800	\$ 8,250	\$ 43,610	\$ -	\$ 43,610
Task 6 – Program Management/ Reporting	\$ 27,690	\$ -	\$ -	\$ -	\$ 27,690	\$ 300	\$ 27,990
Task 7 – Institutional Controls	\$ 9,990	\$ -	\$ 6,160	\$ -	\$ 16,150	\$ -	\$ 16,150
Totals=	\$ 92,900	\$ 64,003	\$ 81,136	\$ 199,452	\$ 437,491	\$ 22,533	\$ 460,024

NOTES:

(1) MEI subconsultant fees include 10% administration fee.

(2) Direct Costs include all reimbursable fees and expenses.

ACTION OF
SOLANO COUNTY WATER AGENCY

DATE: February 11, 2016

SUBJECT: Rio Vista Flood Protection Feasibility Study

RECOMMENDATION:

Authorize General Manager to execute letter agreement with City of Rio Vista to provide technical support for Rio Vista Flood Protection Feasibility Study.

FINANCIAL IMPACT:

Cost neutral – Water Agency to be reimbursed for all consultant fees and any other direct costs incurred.

BACKGROUND:

The City of Rio Vista (City) is located adjacent to the Sacramento River, immediately downstream of the Yolo Bypass flood control channel - Sacramento River confluence. The City is susceptible to flooding from the Sacramento River, the Yolo Bypass flood control channel, potential levee breaks to the north, and from sea level rise. Ongoing federal and state planning efforts to increase the flood conveyance capacity of the Yolo Bypass could, if not mitigated, increase flood risks to the City.

☒ Continued on Next Page

Recommended: _____
Roland A. Sanford, General Manager

☐ Approved as recommended ☐ Other (see below)

Modification to Recommendation and/or other actions:

I, Roland A. Sanford, General Manager and Secretary to the Solano County Water Agency, do hereby certify that the foregoing action was regularly introduced, passed, and adopted by said Board of Directors at a regular meeting thereof held on February 11, 2016 by the following vote.

Ayes:

Noes:

Abstain:

Absent:

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

As part of the Yolo Bypass/Cache Slough Corridor Management Framework (CMF), the Water Agency in partnership with the Sacramento Area Flood Control Agency (SAFCA) conducted a "prefeasibility flood study" in 2014 to identify potential flood mitigation measures for the City. The total cost of that study was \$50,700, with \$30,700 provided by SCWA and \$20,000 by SAFCA. The next step is to advance the prefeasibility study to a "feasibility level study" – further refine and characterize potential flood mitigation projects. Funds, preferably grant funds, are needed to conduct the feasibility level study. Pursuant to the proposed agreement, the Water Agency will assist the City with the acquisition of grant funds – most likely from the State's Small Communities Flood Risk Reduction (SCFRR) Program - for the feasibility level study.

The SCFRR Program was created pursuant to the 2012 Central Valley Flood Protection Plan (CVFPP) to help finance qualifying projects that reduce flood risks to small communities. As specified in the CVFPP, small communities are defined as developed areas with fewer than 10,000 residents. Small communities are required to meet the Federal Emergency Management Agency (FEMA) standard "100-year" level of flood protection for property located within the flood hazard zone.

The City has adopted Resolution No. 2016-002 (attached) authorizing City staff to apply for grant funding from the SCFRR Program and conduct the feasibility level study. The Water Agency will essentially serve as City staff, select and manage a professional engineering consultant to develop the grant application, and assuming the grant is awarded, manage the consultant and oversee the flood feasibility level study on behalf of the City. As a part of this effort, the Agency will serve as the feasibility level study's fiscal agent on a cost reimbursable basis.

SOLANO COUNTY WATER AGENCY



February 11, 2016

Mayor Norman Richardson
City of Rio Vista
One Main Street
Rio Vista, CA 94571

RE: Small Communities Flood Risk Reduction Program Grant, Rio Vista Feasibility Study

Dear Mayor Richardson,

This letter constitutes an understanding between the City of Rio Vista (City) and the Solano County Water Agency (SCWA) regarding SCWA's assistance to the City to procure grant funding from the Small Communities Flood Risk Reduction Program (SCFRRP) and provide staff technical support to develop the "Rio Vista Flood Protection Feasibility Study" (the Study) for Rio Vista, California. The City has adopted Resolution No. 2016-002 (attached) authorizing the City to apply and enter into a funding agreement with the Department of Water Resources through the SCFRRP to implement the Study.

This work is an outgrowth of the Yolo Bypass/Cache Slough Corridor Management Framework and is part the Delta North Regional Flood Management Plan that SCWA is participating in with Sacramento, Yolo, and other Solano agencies. SCWA in collaboration with SAFCA previously developed a prefeasibility study on this subject in 2014 for a total cost of \$50,700. This next phase will leverage that local investment to procure State grant funds to advance the prefeasibility study to a feasibility level. The new Study may assist with procuring funding assistance to implement a solution.

SCWA will select a professional engineering consultant to develop the grant application on behalf of the City and enter into a contract with the consultant to implement an approved scope of work upon grant award. SCWA will pay the consultant and bill the City for reimbursement of these costs from the grant funding. However, prior to executing any agreement with any engineering consultant, SCWA will notify the City of its share of the costs and obtain consent from the City with respect to those costs. SCWA staff time shall not be charged to the City.

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



By the signatures below, SCWA and City affirm the understanding put forth in this document.

SOLANO COUNTY WATER AGENCY

CITY OF RIO VISTA

Roland Sanford
General Manager

Greg Bowman
Interim City Manager

F-31N.RV-SCWA letter agmt

SOLANO COUNTY WATER AGENCY



MEMORANDUM

TO: Board of Directors

FROM: Roland Sanford, General Manager

DATE: February 5, 2015

SUBJECT: February General Manager's Report

The January Lake Berryessa runoff results are in, and with 100 percent of the watershed precincts reporting, runoff in January was slightly above average. That's the good news. The bad news, we are still slightly below average for the year (see attached Lake Berryessa Inflow charts). While we've had rain, so far none of the storms to date have been particularly intense. The data for the Markley Cove rain gauge indicate that to date there has only been one 24-hour period when rainfall exceeded one-inch, and even then just barely. While we would like to see more runoff into Lake Berryessa, the gentle rainfall events have allowed more water to be captured by the parched soils in the burn areas of the upper Lake Berryessa watershed, so far minimizing soil erosion.

The Water Agency, in cooperation with Napa County and the Hidden Valley Lake Community Services District has initiated a water quality sampling program to assess the water quality impacts of the recent fires, particularly in the vicinity of Middletown, where the majority of structures burned last summer. So far no significant water quality problems have been observed in the upper basin. However, closer to home, significant soil erosion and turbidity have been observed in the Cold Canyon drainage, which empties into the Interdam reach of Putah Creek, just downstream of Monticello Dam.

Returning to the topic of weather, the situation in the Sierras has been much more favorable, as of this writing the snow pack is well above average for this time of year and in recognition of the snow pack status, the Department of Water Resources recently increased the 2016 North Bay Aqueduct Table A allocation from 15 percent to 20 percent. Keep your fingers crossed, what happens over the next 30 days will largely determine whether or not 2016 is classified as a "wet", "average" or "dry" year.

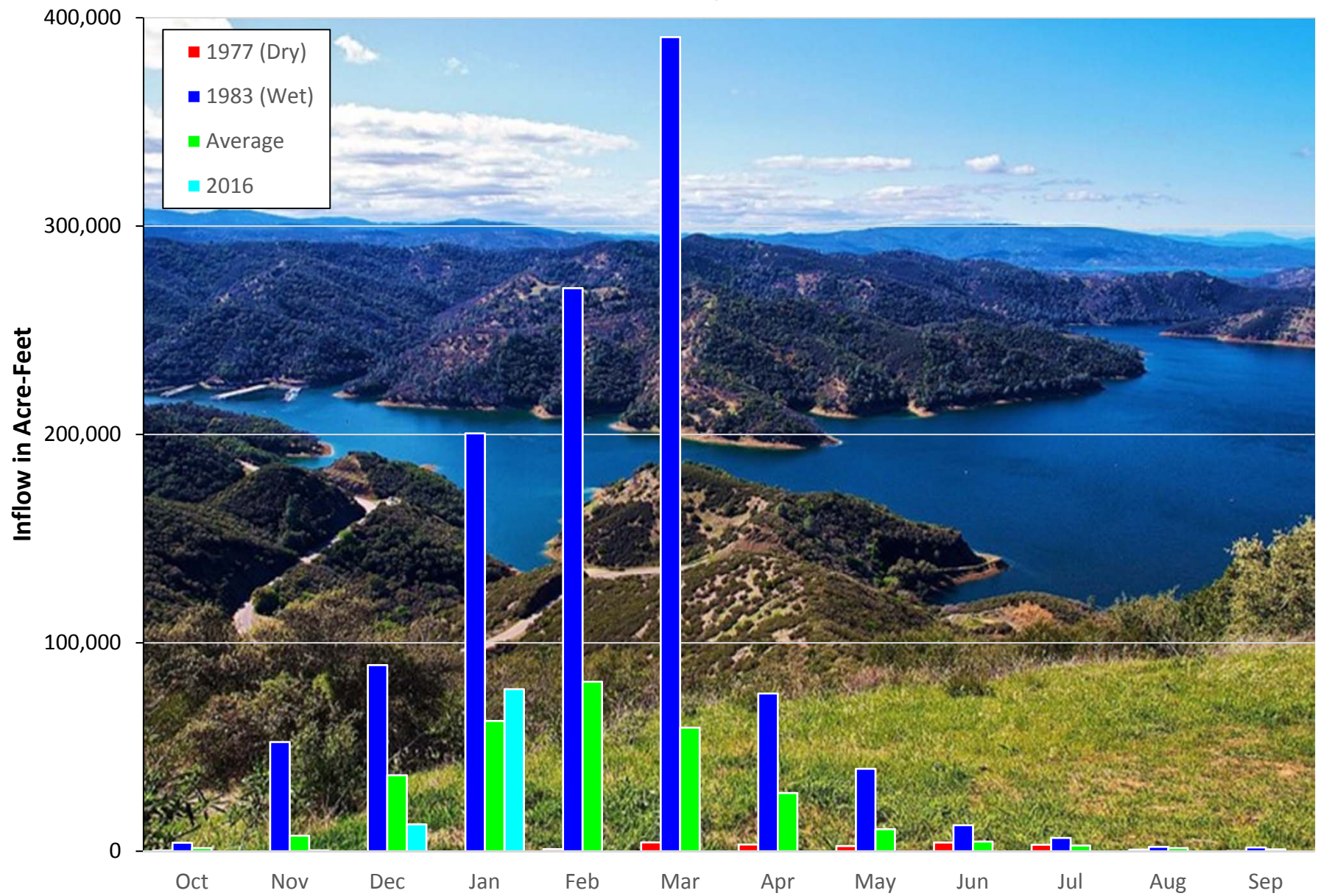
On January 19 the strategic planning stakeholder group meet for 6 hours to identify goals and objectives for potential incorporation into the new strategic plan. Participants were divided into three groups and assigned topics – such as water supply, flood control, habitat restoration – to



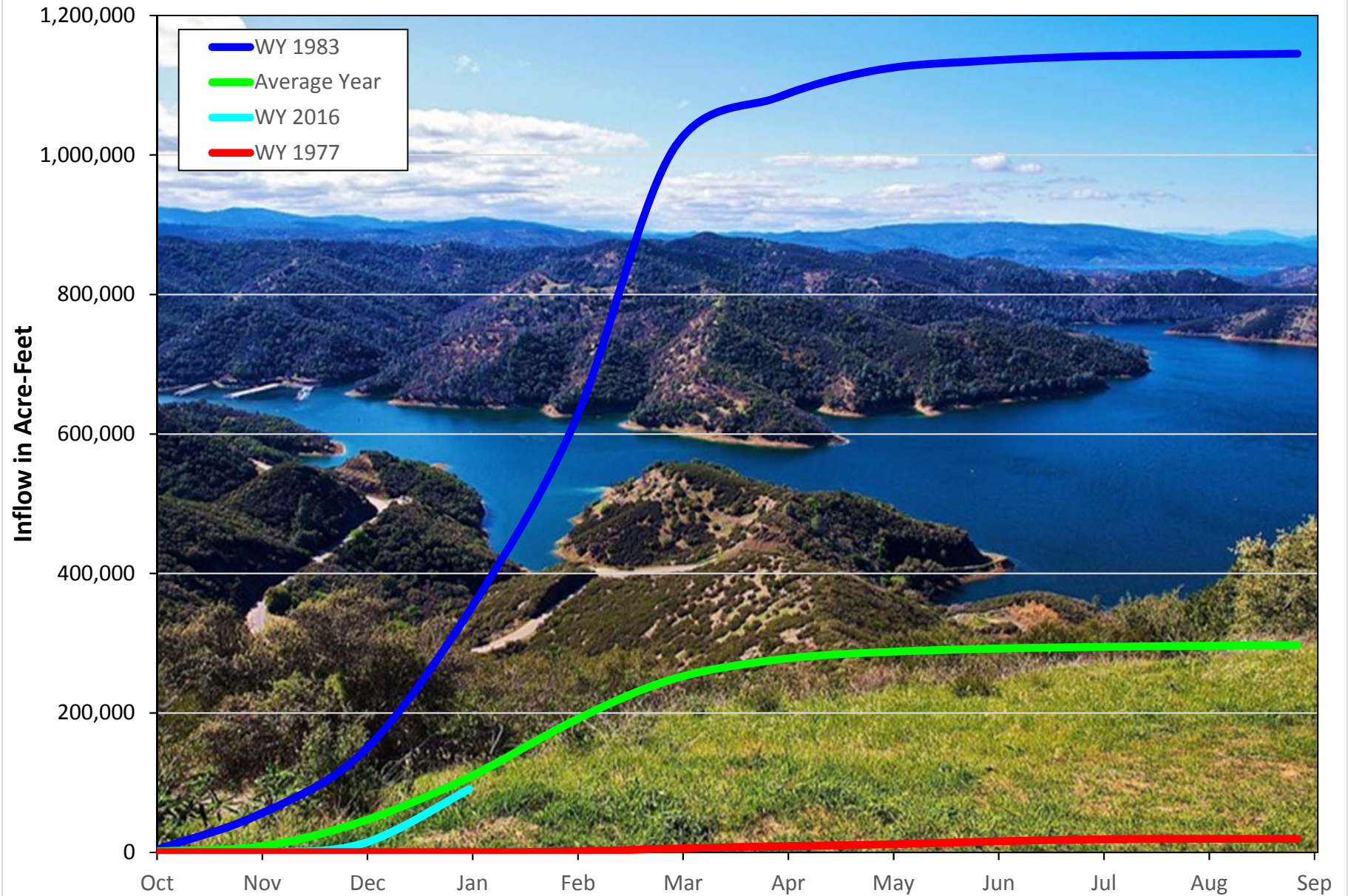
discuss and formulate goals and objectives. A follow up meeting/workshop has been scheduled with the expectation of completing this task prior to the Board's March meeting.

Finally, this month's Board meeting will be focused on groundwater management and the status of GSA formation for the Solano Sub basin. Representatives from Ag Innovations will present stakeholder interview results and discuss current and forthcoming public outreach efforts.

Annual Lake Berryessa Inflow



Annual Lake Berryessa Inflow



Time Period Covered: January 2016

**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)

Putah Creek Council - \$2,500 for 2016 Putah Creek Cleanup

Lake County Watershed Protection District - \$25,000, Quagga Mussel Display Boat

Cache Creek Conservancy - \$9,500, Implementation of Cache Creek Resource Management Plan

City of Winters - \$12,000, Drinking Water Hexavalent Chromium (Cr6) Compliance Project

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: February 11, 2016

SUBJECT: Status Update: Groundwater Management of Solano Subbasin Pursuant to Sustainable Groundwater Management Act

RECOMMENDATION: Hear Presentation from Ag Innovations on Sustainable Groundwater Management Act Stakeholder Outreach for Solano Subbasin.

FINANCIAL IMPACT: None at this time.

BACKGROUND:

The Solano Groundwater Subbasin, as defined in Department of Water Resources (DWR) Bulletin 118, encompasses 664 square miles, most of which is located in northern Solano County, with lesser portions extending into Sacramento and Yolo counties. Pursuant to the recently enacted Sustainable Groundwater Management Act (SGMA), a Groundwater Management Agency (GSA) must be established by June 30, 2017 and a Groundwater Sustainability Plan (GSP) adopted for the Solano Subbasin by January 31, 2022

☒ Continued on next page

Recommended: _____
Roland Sanford, General Manager

☐ Approved as recommended ☐ Other (see below)

Modification to Recommendation and/or other actions:

I, Roland Sanford, General Manager and Secretary to the Solano County Water Agency, do hereby certify that the foregoing action was regularly introduced, passed, and adopted by said Board of Directors at a regular meeting thereof held on February 11, 2016 by the following vote.

Ayes:

Noes:

Abstain:

Absent:

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

Ag Innovations has been retained to provide public outreach services and facilitate dialog among “GSA eligible” entities. Representatives of Ag Innovations will update the Board on the public outreach activities that have occurred to date and those scheduled to occur within the next few months. Additional background information is attached.

Situation Assessment Results Brief:

Summary of Key Results and Initial Recommendations for a Local Agency Engagement Process for the GSA Formation Requirement of the Sustainable Groundwater Management Act in the Solano Subbasin.

Developed on February 3, 2016 by Brooking Gatewood, Senior Facilitator, Ag Innovations

Context

The Sustainable Groundwater Management Act (SGMA), which went into effect on January 1, 2015, established a robust framework for the sustainable management of groundwater resources for the first time in California's history. The SGMA requires that medium- and high- priority basins form a groundwater sustainability agency (GSA) by June 30, 2017, and develop a groundwater sustainability plan (GSP) by January 31, 2022 to ensure that they are operated within their sustainable yield, without causing undesirable results. In Solano County, the state has designated the Solano Subbasin of the larger Sacramento Valley Groundwater Basin as medium-priority, and thus subject to SGMA. The Solano Subbasin is contained mostly within Solano County, but portions are also within Sacramento and Yolo Counties, and the subbasin does not cover all of Solano County.

WHAT & WHY

Given the multiple jurisdictions eligible to seek GSA status in the subbasin, the unusual geographic boundaries of the subbasin, and the view by the Solano County Water Agency (SCWA) and its sister agencies that collaboration and coordination will be essential to sustainable subbasin management requirements, they seek to understand the best way to engage with one another to meet the GSA formation requirements of SGMA. SCWA has contracted with Ag Innovations to support collaboration and coordination amongst GSA-eligible agencies through the provision of facilitation, research, and related services. The situation assessment was conducted to collect input from GSA-eligible agencies in the subbasin through interviews with key officials from those agencies.

This is a draft working document prepared for the SCWA Water Policy Committee meeting on February 8th, 2016. This brief summarizes some very high level results from interviews with GSA-eligible agencies and provides recommended next steps based on these results and those of the previously completed stakeholder assessment. Much additional qualitative data was collected in the interviews that will be used to inform upcoming GSA formation meetings facilitated by Ag Innovations.

HOW & WHEN

This assessment brief focuses on interviews with key staff and elected officials from GSA-eligible agencies in the Solano Subbasin were interviewed or surveyed from January 6-31, 2016. Out of 27 invited agency officials, 22 agreed to provide input: 19 through phone interviews, 1 through an in-person interview, and 2 by email survey. Interviews were 45-90 minutes in length, and the email survey was offered as an

alternative to an interview. The interview/survey questions were identical, and were designed to a) identify overarching perspectives from each official on GSA governance, subbasin management, and methods to achieve groundwater sustainability consistent with SGMA requirements; and b) define the level of agreement/conflict around groundwater governance across the range of perspectives in the subbasin.

WHO

Officials from the following agencies were interviewed or surveyed: the Counties of Sacramento, Solano, and Yolo; the Cities of Dixon, Rio Vista, and Vacaville; the California Water Service Company, Main Prairie Water District, North Delta Water Agency, Solano County Water Agency, Solano Irrigation District, Rural North Vacaville Water District, and Yolo Flood Control and Water Conservation District; Reclamation Districts 501, 2060, 2068, and the Local Agencies of the North Delta (LAND) group representing additional Reclamation Districts in the subbasin; and the Dixon Resource Conservation District and Solano Resource Conservation District. The City of Davis and Reclamation District 1601 both declined to be interviewed or surveyed. The three other declining officials were from agencies otherwise represented during the interview/survey process. One staff-person from each agency was invited to participate. The two Solano County Supervisors whose districts overlie the subbasin also participated, as did the mayors of cities within the subbasin (The City of Davis declined participation). We were not able to locate contact information for all the different Reclamation Districts within this first phase of interviews, but received input from two RDs and the LAND coalition which represents additional RDs in the Delta area. All RDs will be invited to participate in future processes.

Results are limited to the views shared by agencies having water supply, water management, or land use responsibilities within the subbasin boundaries, which are those agencies that have the ability to form a GSA for the Solano Subbasin. Input was also solicited from five additional Solano County elected officials from from outside the basin - the four additional mayors and one additional county supervisor. One supervisor and one mayor responded. Since the SGMA law stipulates that it is only GSA eligible agencies who are able to notify the state to become a GSA, we focused our initial assessment on these agencies, while soliciting targeted input from other cities in the county. There will be additional opportunities for both elected and landowner stakeholder input throughout this GSA formation and GSP development process.

Key Acronyms:

GSA = Groundwater Sustainability Agency

GSP = Groundwater Sustainability Plan

SGMA = Sustainable Groundwater Management Act

SCWA = Solano County Water Agency

SID = Solano Irrigation District

gw = groundwater

sw - surface water

Summary of Key Results

This assessment process resulted in hundreds of pages of interview transcripts. This brief offers very high level findings on key opinions relevant to the earliest stages of the GSA formation process, namely questions of who should be involved in decision making for the GSA formation process, what the right venue is for these discussions, and current opinion on best and worst outcomes from the process.

In brief: Being able to collaborate and coordinate in the establishment of an acceptable GSA governance structure within the law's strict timeline was a top concern mentioned by a majority of respondents. Most respondents expressed an interest in working together and many expressed a goal of ultimately forming a single GSA, though opinion varied on what exactly the right governance structure for that would be and how to best accomplish this to reflect the diverse needs of the region's groundwater users and interested stakeholders.

Through the interview process, a strong consensus emerged that a key next step is for GSA-eligible agencies, with input from the ag community, landowners, and other interested stakeholders, to come together and explore their ideas and concerns, and identify potential configurations of governance to address SGMA requirements and the range of local needs. There was also a strong consensus that the SCWA Water Policy Committee venue is no longer the best format for focused discussions on this, and a separate GSA Committee is needed for these focused discussions. Summary data supporting these results are presented below.

What local agencies should be involved in deciding on the GSA formation process?

This was an important question for many participants. Responses were coded and tallied as follows:

GSA-eligible agencies in the Solano Subbasin only	14
Include non-GSA-eligible local agencies as well*	5
Unclear or no response	3

** All respondents in this category were county-level staff or policy-makers. Two of those five respondents also said they were not attached to this outcome if the group wanted something different.*

Highlights: Though the preference for decision-making being amongst GSA-eligible agencies only was prominent in the interviews, many also expressed an openness to input and participation from non-GSA eligible agencies and stakeholders. This includes other interested policy-makers, the Delta area, and the agriculture community from around the subbasin. Many respondents mentioned the importance of somehow giving a representative voice and a vote if possible to the ag community, recognizing that they are a primary groundwater user. RCDs, the County, and the Farm Bureau were most often listed as potential representatives of the ag community. SCWA was often named as the appropriate administrative organizing body to start,

although a number of respondents mentioned that this isn't the same thing as making SCWA the GSA, and that more conversations are needed to explore potential governance approaches.

What is the best meeting format for these conversations?

Participants were asked specifically if they thought that the SCWA Water Policy Committee was an effective venue, or if a new or different venue would be more appropriate for this work. Responses were coded and tallied as follows:

We need a venue other than the SCWA Water Policy Committee	16
The SCWA Water Policy Committee works	2
Unclear or no response	3

Highlights: Concerns about the appropriateness of the current forum focused on the following issues: the Committee not including all GSA-eligible agencies as equal conveners/partners; non-subbasin representatives having voting rights in the meeting; a lack of effective means for public engagement in decision-processes; and of the GSA focus keeping the Water Policy Committee from other pressing water management concerns.

What is the ideal GSA governance configuration?

All participants were asked to share their ideal GSA configuration and governance structure. Some had thought about this question in more depth than others and many acknowledged they were not sure yet, it was too early to tell, or felt it was a group decision to make. Still, most ended up offering a strawman proposal of their personal or agency ideal, and these best-guess responses were coded and tallied as follows for the benefit of getting a sense of the current opinion amongst GSA-eligible agencies:

One GSA administered by SCWA	11
One GSA, details TBD	5
Multiple GSAs	3
Don't know yet	2

Highlights: When we asked participants in closing what their best and worst case outcomes were for this process, we heard a theme of a best case involving effective cooperation toward an agreeable governance structure so we can meet the GSA formation deadlines and move into the GSP phase. Failure at collaboration amongst agencies leading to multiple GSAs and/or state takeover was repeatedly mentioned in worst case scenarios.

Recommended Next Steps

This brief offers only a high level summary of the key findings most relevant to this early phase of GSA formation. More interview data will be analyzed and presented in support of the GSA formation process as we get further down the road. For example, the ideas of ideal GSA structures presented during interviews can be used to support upcoming GSA formation governance conversations. In the short term, analysis has focused on the pressing questions of who should participate in the decision-process and in what venue, as discussed above. Next steps on these issues are suggested below, and key topics for upcoming meetings as surfaced from the interviews are offered in closing.

Forming a New GSA Committee with Third Party Facilitation

These conversations suggest a promising next step that would meet the needs of most interested parties: the establishment of a new GSA Committee for the key discussions and decisions to meet the SGMA GSA formation requirement. Interview results, the stipulations of the SGMA, and precedent in other SGMA processes around the state suggest limiting the committee to representatives of GSA-eligible agencies from the Solano Subbasin to start. It is recommended that the Committee prioritize deciding on a governance structure and means of including stakeholder input as first orders of business. It should again be noted that we are developing a public engagement process which is intended to interact directly with the agencies over the next year on the GSA formation process, to ensure that local concerns and interests are included in the GSA formation process.

Administratively, interviewees also suggested the importance of having a neutral, third-party facilitator to support the process. Ag Innovations is already contracted to support inter-agency meetings for this GSA formation process and can play this role as per this contract. Facilitation services should support the GSA formation process and help the ultimate GSA(s) prepare a process for GSP planning. Given Ag Innovations' role coordinating public stakeholder engagement as well, the Subbasin is well positioned to both meet legal requirements in a timely manner and ensure the needs and interests of groundwater users and other stakeholders are considered during this GSA formation process.

These data and recommendations will be presented by Brooking Gatewood of Ag Innovations during the February 8th SCWA Water Policy Committee Subcommittee meeting to open discussion and a vote on the next steps proposed in this brief, to be taken to the SCWA Board of Directors meeting on February 11th.

A Sampling of Proposed Discussion Topics for the GSA Committee

Throughout the interviews, participants offered up their priority discussion topics for the group to move forward in the GSA formation process. A summary of these topics is offered below, and can be used as a starting point for the proposed GSA Committee to build a full agenda and roadmap to the GSA Formation deadline in June, 2017. This list is included in closing to give a sense of the likely scope of work for the proposed GSA Committee.

Foundational organizing topics:

1. Discuss and decide on a GSA governance structure
 - a. Appropriate size of the body
 - b. Appropriate voting structure / decision-making framework
 - c. Formalizing a plan for stakeholder input into this process.
 - i. Ag representation in the group.
 - ii. How to engage other interested agencies in the county
 - iii. How to engage neighboring counties and subbasins
2. Consider the question of one GSA or multiple for our subbasin
3. Create a cooperating agreement (may be based on draft MOU)
4. Understanding and agreement on boundary issues:
 - a. Clarify position on Yolo & Sac boundary modifications
 - b. Address the unique needs of participants with lands in multiple subbasins

Participants also brought up some GSP (i.e. management) topics as well such as coming to a shared definition of sustainable groundwater management, clarifying the core organizing principles/values for the GSP, how we will finance the GSA/GSP, how to integrate with other regulatory requirements, how ag and urban growth plans will affect future groundwater sustainability, and how to best work with areas with different conditions in subbasin (e.g. the Delta). These and other strategic groundwater sustainability planning topics will be important points to consider in the GSA formation as well as GSP management processes.

Join us for a free public workshop to learn about the Sustainable Groundwater Management Act and discuss what it means for us in the Solano Subbasin.

Choose one of the following workshop dates and locations:

<u>February 25, 2016</u>	<u>March 2, 2016</u>	<u>March 7, 2016</u>
6:30-8:30pm	6:30-8:30pm	3:00-5:00pm
Ulatis Com. Center	Rio Vista High School	Veterans Memorial Center
1000 Ulatis Drive	410 South 4th Street	203 East 14th Street
Vacaville, CA 95687	Rio Vista, CA 94571	Davis, CA 95616

For more information, go to:

<http://scwa2.com/sgma> or call 707-451-6090



Sustainable Groundwater Management Act: *What is it and how does it affect us?*

Learn more at: <http://scwa2.com/sgma>

What's the Sustainable Groundwater Management Act?

Effective January 1, 2015, this law established a robust framework for the sustainable management of groundwater resources for the first time in California's history. Groundwater is a critical component of the state's water supply portfolio, and if effectively managed, this resource will help protect communities, farms, and the environment against the impacts of prolonged dry periods and climate change. SGMA recognizes that management is most effective when done at the local level by local agencies with adequate information, tools, resources, and authorities.



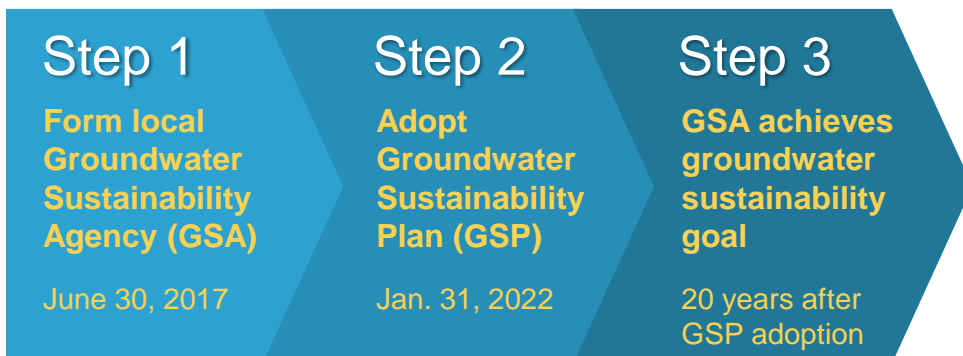
SGMA requires medium- and high-priority groundwater basins in the state to be managed by local agencies that have formed a Groundwater Sustainability Agency (GSA) by June 30, 2017. After a GSA forms, it must develop and implement a Groundwater Sustainability Plan (GSP), or an alternative plan, that will meet SGMA's long-term groundwater sustainability goals. The law allows for limited state intervention when necessary to protect groundwater resources.

What's a Groundwater Sustainability Agency?

A GSA is one or more local agencies that must implement SGMA's provisions. A local agency is any local public agency that has water supply, water management, or land use responsibilities within a groundwater basin. Any local agency or combination of local agencies overlying a groundwater basin can elect to be a GSA. A combination of local agencies may form a GSA through a joint powers agreement (JPA), or a memorandum of agreement or other legal agreement (MOU). A water corporation regulated by the Public Utilities Commission or a mutual water company may participate in a GSA through a memorandum of agreement or other legal agreement. Non-agency parties can be incorporated into the decision-making process for the GSA, or in certain cases, they may wish to form a new GSA-eligible agency.

GSA formation requires a local agency to:

- 1 Determine if their basin is subject to SGMA;
- 2 Identify the GSA-eligible agencies for their basin and coordinate/collaborate with them;
- 3 Understand their basin conditions, and the local expertise, resources, and information available for groundwater management;
- 4 Identify and engage key stakeholders;
- 5 Evaluate new tasks and authorities, and explore who wants to do what;
- 6 Evaluate and propose a GSA governance model.



Sustainable Groundwater Management Act: *What is it and how does it affect us?*

Learn more at: <http://scwa2.com/sgma>

What does a GSA do?

Becoming a Groundwater Sustainability Agency (GSA) involves assuming a range of new tasks and authorities in order to manage groundwater and implement the objectives of the Groundwater Sustainability Plan (GSP). What authorities each GSA assumes will be one of the important decisions to be made during the local implementation of the law. The range of tasks and authorities for a GSA include:

Coordination: Regardless of the governance model that is chosen, the GSA will need to coordinate with other local and regional agencies in its basin and its neighboring basins.

Public outreach & stakeholder engagement: A GSA is required to maintain a list of interested stakeholders, and engage them during GSP development and implementation.

GSP development: Every priority basin will be required to develop and implement one or more GSPs. If multiple GSPs are developed for the same basin, a coordination agreement will be required.

Monitoring & reporting: Additional monitoring of groundwater levels, water quality, or subsidence will likely be needed to track progress toward (or deviation from) meeting the sustainability objectives of the GSP. DWR will require that the GSA submit annual basin status reports substantiating this progress.

GSP implementation: The GSP will be actionable through new authorities and tools intended to achieve groundwater sustainability in a basin within the SGMA timeline. These *could** include the imposition of pumping fees, measurement of groundwater extraction at individual wells, issuance limits on new well permits, or investment in water management strategies.

Enforcement: A GSA will need to enforce the provisions adopted in its GSP, which *may** include payment of fees, reporting on groundwater use, or restrictions on groundwater pumping.

* It will be up to the local GSA(s) with the input of the local groundwater users and stakeholders to determine what particular authorities and tools will be used to successfully achieve the GSP objectives.

Sustainable Groundwater Management Act: *What is it and how does it affect us?*

Learn more at: <http://scwa2.com/sgma>

What's happening in Solano County?

In Solano County, the state has designated the Solano Subbasin as medium-priority, and thus subject to SGMA. The Solano Subbasin is contained mostly within Solano County, but portions are also within Sacramento and Yolo Counties. Its boundaries are defined by Putah Creek on the North, the Sacramento River on the East (from Sacramento to Walnut Grove), the North Mokelumne River on the Southeast (from Walnut Grove to the San Joaquin River), the San Joaquin River on the South (from the North Mokelumne River to the Sacramento River), the Lower Members of the Great Valley Group on the Northwest, and the Suisun-Fairfield Valley Basin on the Southwest. The Solano Subbasin underlies the Cities of Davis, Dixon, Rio Vista, and Vacaville, and is pumped regularly for local agricultural and municipal uses. The two other groundwater basins in Solano County - the Suisun-Fairfield Valley Basin and the Napa-Sonoma Lowlands Subbasin - are not designated as priority basins, so are not subject to SGMA.

The formation of a GSA(s) in the Solano Subbasin that have the widespread support of the eligible agencies, groundwater users, and stakeholders requires two interrelated processes:

- 1 Inter-agency coordination:** The convening of GSA-eligible agencies to identify and implement an appropriate long-term governance approach for the GSA.
- 2 Public stakeholder engagement:** The engagement of groundwater users and other stakeholders to ensure that local concerns and interests are included in the GSA and GSP formation processes.



Sustainable Groundwater Management Act: *What is it and how does it affect us?*

Learn more at: <http://scwa2.com/sgma>

What are local agencies doing?

Local agencies are expected to collaborate and coordinate their GSA formations on a basin-wide scale to sustainably manage groundwater at a local level. Toward this end, the Solano County Water Agency (SCWA) Board of Directors and a SCWA Water Policy Subcommittee have been meeting to discuss the GSA formation requirement of the law, inviting other GSA-eligible agencies to participate in these discussions, including agencies from Yolo and Sacramento Counties. Additionally, a workgroup comprised of staff from the agencies that are eligible to serve as GSAs in the Solano Subbasin are working with a facilitator to develop a recommended process for forming one or more GSAs. This workgroup will seek continuous input from and coordinate with public stakeholders and other interested agencies.

What's the role of local groundwater users and stakeholders?

Successful implementation of SGMA will support the health and vibrancy of the region's communities, farms, and environment while maintaining local control over local groundwater resources. A substantial amount of groundwater use in the Solano Subbasin occurs on farms, and to a lesser extent on rural residences, thus the sustainable management of groundwater requires that local agencies and groundwater users work closely with one another from the start. Toward this end, SCWA and its partner agencies are working with a facilitator to solicit the input of farmers and ranchers, well-owners, businesses, environmental groups, and other stakeholders during the GSA formation process. This stakeholder engagement process will be used to understand and involve groundwater users and other interested parties and their concerns in the SGMA implementation process.

Get involved:

- 1 **Public workshops:** will be held periodically throughout the process, beginning in Feb-Mar 2016, to share information about SGMA requirements and decision points, GSA responsibilities, and groundwater conditions, and to solicit public input.
- 2 **Stakeholder focus groups:** composed of members from the agricultural and landowner communities in the Solano Subbasin will work to ensure that stakeholder concerns and interests are heard during the GSA formation process..
- 3 **Website:** sign up for our mailing list, get details for workshops and other engagement opportunities, and access information at: <http://scwa2.com/sgma>

Get resources:

- 1 **California Groundwater Website:** <http://www.water.ca.gov/groundwater/sgm/>
- 2 **A Handbook to Understanding and Implementing the Law:** <http://www.watereducation.org/publication/2014-sustainable-groundwater-management-act>
- 3 **California Water Foundation:** <http://californiawaterfoundation.org/resources/>
- 4 **California Roundtable on Water & Food Supply:** <http://www.aginnovations.org/crwfs>
- 5 **Maven's Notebook:** <http://mavensnotebook.com/>

