

SOLANO COUNTY WATER AGENCY



BOARD OF DIRECTORS:

Chair:

Director Dale Crossley
Reclamation District No. 2068

Vice Chair:

Supervisor Jim Spering
Solano County District 3

Mayor Steve Young
City of Benicia

Mayor Steve Bird
City of Dixon

Mayor Harry Price
City of Fairfield

Director Ryan Mahoney
Maine Prairie Water District

Mayor Ron Kott
City of Rio Vista

Supervisor Erin Hannigan
Solano County District 1

Supervisor Monica Brown
Solano County District 2

Supervisor John Vasquez
Solano County District 4

Supervisor Mitch Mashburn
Solano County District 5

Director J.D. Kluge
Solano Irrigation District

Mayor Lori Wilson
City of Suisun City

Mayor Ron Rowlett
City of Vacaville

Mayor Robert McConnell
City of Vallejo

GENERAL MANAGER:

Roland Sanford
Solano County Water Agency

BOARD OF DIRECTORS MEETING

DATE: Thursday, July 8, 2021

TIME: 6:30 P.M.

PLACE: Virtual Meeting – Zoom Meeting

Join Zoom Meeting:

<https://us02web.zoom.us/j/83166083435?pwd=R2NieE1KUVc0dFp2enZQTmIDN0pUUT09>

Meeting ID: 831 6608 3435/Passcode: 672719

One tap mobile: +16699009128,,83166083435#,,, *672719#

Dial by your location: +1 669 900 9128 US (San Jose)

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

*If you wish to make a Public Comment, please contact the Secretary at:
cle@scwa2.com to expedite the process, thank you. Public Comments may
still be made during the virtual meeting without prior notice.*

5. **CONSENT ITEMS** (estimated time: 5 minutes)
 - (A) Minutes: Approval of the Minutes of the Board of Directors meeting of June 10, 2021.
 - (B) Expenditure Approvals: Approval of the June 2021 checking account register.
 - (C) Quarterly Financial Reports: Approve the Income Statement and Balance Sheet of June 2021.



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

RECOMMENDATION: For information only.

7. **GENERAL MANAGER'S REPORT** *(estimated time: 5 minutes)*

RECOMMENDATION: For information only.

8. **SOLANO WATER ADVISORY COMMISSION REPORT** *(estimated time: 5 minutes)*

RECOMMENDATION: For information only.

9. **CACHE SLOUGH COMPLEX WATER QUALITY, PRODUCTIVITY AND FISHERIES STUDY** *(estimated time: 15 minutes)*

RECOMMENDATION: Authorize General Manager to execute 3-year, \$1,635,000 contract with UC Davis for continuation of Cache Slough Complex Water Quality, Productivity and Fisheries Study.

10. **DROUGHT UPDATE – WATER CONSERVATION PROGRAMS** *(estimated time: 15 minutes)*

RECOMMENDATION: Hear report and provide direction to staff.

11. **WATER EXCHANGE/TRANSFER POLICY** *(estimated time: 15 minutes)*

RECOMMENDATION: Adopt Water Exchange/Transfer Policy proposed by Water Policy Committee.

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

RECOMMENDATIONS:

1. Hear report from Committee Chair on activities of the SCWA Legislative Committee.
2. Hear report from Bob Reeb of Reeb Government Relations, LLC.

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

RECOMMENDATIONS:

1. Hear report from staff on current and emerging Delta and Water Policy issues and provide direction.
2. Hear status report from Committee Chair on activities of the SCWA Water Policy Committee.
3. Hear report from Supervisors Vasquez and Mashburn on activities of the Delta Counties Coalition, Delta Protection Commission, and Delta Conservancy.

4. Hear report from Elizabeth Patterson on activities of the North Bay Watershed Association (see <https://www.nbwatershed.org> for additional information).

14. TIME AND PLACE OF NEXT MEETING

Thursday, September 9, 2021 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 <https://www.scwa2.com/governance/board-meetings-agendas-minutes/>

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

CONSENT ITEMS

**SOLANO COUNTY WATER AGENCY
BOARD OF DIRECTORS MEETING MINUTES
MEETING DATE: June 10, 2021**

The Solano County Water Agency Board of Directors met this evening via Zoom teleconferencing, in deference to the ongoing State and County COVID-19 “shelter in place” directives. Present were:

Mayor Steve Young, City of Benicia
Mayor Steve Bird, City of Dixon
Mayor Harry Price, City of Fairfield
Mayor Ronald Kott, City of Rio Vista
Mayor Ron Rowlett, City of Vacaville
Mayor Robert McConnell, City of Vallejo
Supervisor Erin Hannigan, Solano County District 1
Supervisor Monica Brown, Solano County District 2
Supervisor Jim Spering, Solano County District 3
Supervisor John Vasquez, Solano County District 4
Supervisor Mitch Mashburn, Solano County District 5
Director J.D. Kluge, Solano Irrigation District

CALL TO ORDER

The meeting was called to order by Vice-Chair Spering at 6:31 pm.

APPROVAL OF AGENDA

On a motion by Mayor Price and a second by Supervisor Mashburn the Board unanimously approved – by roll call vote - the agenda.

PUBLIC COMMENT

There were no public comments.

CONSENT ITEMS

On a motion by Supervisor Vasquez and a second by Mayor Kott the Board unanimously approved – by roll call vote - the following consent items:

- (A) Minutes
- (B) Expenditure Approvals
- (C) Flood Control Advisory Committee Member Appointments
- (D) Cost Share Purchase of Motor Grader
- (E) Purchase of Two Replacement Vehicles for Solano Project

BOARD MEMBER REPORTS

There were no Board Member reports.

Supervisor Brown entered the meeting at this time.

GENERAL MANAGER’S REPORT

General Manager Roland Sanford stated he had nothing to add to his written report. Several Board members asked to what degree the North Bay Aqueduct water supply contract between the Water Agency and Department of Water Resources could readily be changed to reflect the diminished reliability of the North Bay Aqueduct water supply. Mr. Sanford responded that the Water Agency is obligated to pay for the operation and maintenance of the North Bay Aqueduct, as well as the capital costs, the latter of which constitutes roughly 80 percent of the overall annual expense; and that the capital costs are in essence the mortgage payment for the facility – an expense that the Water Agency is obligated to pay whether water is delivered or not. Mr. Sanford went on to explain that the State Water Contractors, which the Water Agency is a member of, was formed to represent and lobby on behalf of the users of the State Water Project water supply and to the extent possible, influence decisions made by the Department of Water Resources and State legislators.

SOLANO WATER ADVISORY COMMISSION

City of Benicia Deputy Public Works Director Kyle Ochendusko, chairman of the Solano Water Advisory Commission, reported Commission members do not anticipate the need for mandatory water conservation this year, and are continuing to monitor the situation as the year progresses. Mr. Ochendusko also reported that Commission members have commented on the draft Water Exchange/Transfer policy being developed by the Board's Water Policy Committee, as well as comments to the Delta Stewardship Council regarding the Lookout Slough Project.

SCWA BUDGET FOR FISCAL YEAR 2021-2022

Vice Chair Spring stated that the Executive Committee, serving as the Fiscal Year 2021-2022 Budget Review Committee has reviewed, and is recommending approval of the draft Fiscal Year 2021-2022 budget presented in the Board packet.

General Manager Roland Sanford, provided a brief overview of the current fiscal year and the proposed Fiscal Year 2021-2022 budget. He noted that despite unanticipated expenses associated with the LNU Complex Fire and purchase of the Sackett Ranch property, the cumulated fund balance at the close of the current fiscal year is projected to be nearly identical to the cumulative fund balance at the beginning of Fiscal Year 2020-2021 due in part to COVID, which forced the curtailment of certain programs and projects, as well as reduced flood control operation and maintenance costs, due to the lack of significant rainfall events.

Mr. Sanford observed that the proposed Fiscal Year 2021-2022 budget is in many ways similar to the previous fiscal year's budget and that projected operating costs are slightly less than operating revenues. He explained that the proposed budget includes capital expenditures, most notably the proposed office expansion, purchase of Lang-Tule Ranch, and various capital improvements to the Solano Project, and that the funding for these capital improvements – approximately seven million dollars - would be drawn from reserves.

Mr. Sanford then discussed the status of the four major funds; Solano Project (ASW), State Water Project, Ulati, and Green Valley that comprise the overall budget and explained that the ASW fund, which also serves as the Water Agency's General Fund, has been increasingly stretched over time, due to the addition of programs and responsibilities, and that at some point in the future additional revenue streams would be needed in order to continue to expand and/or add new programs and responsibilities.

Several Board members asked questions about specific budget items, which General Manager Roland Sanford addressed. The Board choose not to take action on the proposed budget until the discussion regarding the proposed Budget Implementation Actions was completed.

BUDGET IMPLEMENTATION ACTIONS

Vice Chair Spring summarized the purpose and rationale for each of the proposed Budget Implementation Actions and noted that the Executive Committee had spent some time discussing the proposed cost of living adjustment for employees, eventually concluding that a three percent cost of living adjustment was appropriate.

On a motion by Mayor Bird and a second by Mayor Price the Board unanimously approved – by roll call vote – to adopt the Agency Budget and the following Budget Implementation Action items:

- (A) State Water Project Tax Rate for Fiscal Year 2021-2022: Establish a tax rate of \$0.02 per \$100 of assessed valuation for the State Water Project property for fiscal year 2021-2022.
- (B) Pre-Approval of Fiscal Year 2021-2022 Payments: Pre-approval of specified categories of bills for fiscal year 2021-2022.
- (C) SCWA Statement of Investment Policy for Fiscal Year 2021-2022: Approval of the annual Statement of Investment Policy.
- (D) Cost of Living Adjustment for Water Agency Employees: Award a 3.00% cost of living adjustment to Water Agency employees effective July 11, 2021.
- (E) Consultant Services Contracts and Renewals: Authorize General Manager to execute agreements and amendments for consultant services for work through fiscal year 2021-2022.

Supervisor Vasquez left the meeting at this time to represent Solano County at another meeting.

DROUGHT UPDATE

General Manager Roland Sanford briefed the Board on the status of the Water Agency's Solano Project and North Bay Aqueduct water supplies. Key items discussed are as follows:

California is experiencing severe drought conditions for the second consecutive year – the second most severe two-year drought in over 100 years. Water deliveries from the State's two largest water sources; the State Water Project, and the U.S. Bureau of Reclamation's Central Valley Project have been curtailed if not eliminated entirely, necessitating agricultural land fallowing and/or mandatory water conservation in many regions of the state.

All things considered, Solano County's current water supply situation is reasonably good due in no small part to previous investments, most notably construction of the Solano Project in the late 1950's. We ended the rainy season with a reservoir 75% full, which is much better off than most reservoirs in the state.

During the 87'-92' drought, the reservoir storage got down to 422,000 acre feet, about 25% full. This and subsequent droughts prompted the development of reservoir operating criteria in 1993. In 1999, these operations criteria morphed into what is now called the Drought Measures Agreement. This agreement specifies water allocation cutbacks as reservoir storage declines over time.

The Putah Creek drainage that empties into Lake Berryessa is approximately 575 square miles, about half the size of Rhode Island. This is primarily a rain driven system and there can be a lot of variation from year to year. In 1977 we only received 19,000 acre feet of inflow into the lake. In 1983, we received 1.145 million acre feet of inflow into the lake. The median inflow is about 300,000 acre feet. The reservoir has a total capacity of 1.6 million acre feet, allowing us to take advantage of those very wet years. Essentially a large bank, that we take relatively small withdrawals from on an annual basis.

This bank analogy is akin to Reservoir Safe Yield. Reservoir Safe Yield is a calculation, the idea being that you look at a series of drought years, typically the 1928-1934 drought period, and calculate the amount of water you can take annually without depleting storage. For the Solano Project, the Safe Yield was calculated for a 19-year period, 1916-1934. Accordingly, Lake Berryessa is operated more conservatively than other reservoirs in the state, with maybe the exception of New Melones Reservoir.

Lake Berryessa storage is currently at about 1 million acre feet. The typical amount of water diverted annually is approximately 300,000 acre feet. Looking ahead to December 1st, we will probably be about 770,000 acre feet of storage. The Drought Measures Agreement kicks in if lake storage is at or below 800,000 acre feet on December 1st. This would start the planning of any changes to diversions. On April 1st of any year, if lake storage is between 800,000 and 550,000 acre feet, the Drought Measures Agreement calls for a minimum of a 5% cutback to water supply allocations. However, there can be higher cutbacks if the water users agree to it. Unless this is another critically dry year, we should be above 800,000 acre feet of storage next April 1st, meaning no cutbacks for next year.

Unfortunately, the State Water Project is not nearly as reliable as the Solano Project. Over the last 10 years our annual allocations have ranged from 5 to 100 percent. Next year, unless it is a really wet year, we are probably looking at allocations on the order of 35 to 45 percent. Because it has been very dry, it is going to take more than an average wet year to produce average runoff. If it is another critically dry year, allocations could be 5% again.

WATER AGENCY STAFFING-ADDITION OF ASSISTANT/ASSOCIATE WATER RESOURCES SPECIALIST POSITION TO ASSIST WITH IMPLEMENTATION OF REGIONAL WATER EFFICIENCY PROGRAMS

General Manager Roland Sanford summarized the rationale for the proposed Assistant/Associate Water Resources position, noting that the Water Agency's water conservation programs have grown over time and that the demand for water conservation assistance continues to grow, particularly in response to the ongoing drought. He observed that the Water Agency's water conservation programs are currently staffed by one full-time individual who is nearing retirement age, and two part-time interns, and that the addition of the proposed Assistant/Associate Water Resources Specialist would be partially offset by a reduction in the amount of money the Water Agency currently spends on water conservation consultants.

On a motion by Mayor Price and a second by Mayor Rowlett the Board unanimously approved – by roll call vote – the addition of an Assistant or Associate Water Resources Specialist position to assist with implementation of regional water efficiency programs.

The Board requested that staff provide an update six months from now, on the various water conservation activities performed by the new Water Resources Specialist position.

LEGISLTATIVE UPDATES

General Manager Roland Sanford reported the Legislative Committee met and received a legislative update from Bob Reeb, the Water Agency’s Legislative Advocate.

Mr. Reeb gave a brief presentation to the Board, in which he noted that the State Legislature will be adopting a budget with a number of “place holders”, and that the budget is expected to include a 3.475 billion dollar drought package, as well as a three-year 3.7 billion dollar Climate Resiliency package. Mr. Reeb reported that he and Water Agency staff met with the proponents of the Little Egbert restoration project to discuss the Water Agency’s concerns regarding potential impacts to the North Bay Aqueduct, and that he, General Manager Roland Sanford, and Wilson Public affairs prepared an opinion piece congratulating the California Water Commission on their recently released infrastructure funding report.

Following Mr. Reeb’s presentation, the Board requested the General Manager work with the Solano Water Advisory Commission to prepare a prioritize list of projects for possible funding via the anticipated State drought and climate resiliency budget appropriations.

WATER POLICY UPDATES

1. Staff had nothing to report on emerging Delta and Water Policy issues.
2. The Water Policy Committee continues to work on the draft Water Exchange/Transfer Policy.
3. Supervisor Mashburn stated that the Delta Counties Coalition discussed upcoming DWR community workshops and DWR’s efforts to secure temporary easements associated with the proposed Delta Conveyance Facility alignment.
4. Ms. Elizabeth Patterson reported that the North Bay Watershed Association discussed the proposed highway 37 improvements proposed by CalTrans, and heard a presentation by the San Francisco Estuary Institute on sediment management at the Association’s June Board meeting.
- 5.

CLOSED SESSION

The Board entered into Closed Session at 7:49 p.m. to:

- 1) Conference with Real Property Negotiations (§ 54956.8)
Property: Assessor Parcel Numbers 0046-130-050, 0174-190-010, 0174-190-020
Agency Negotiation: Roland Sanford
Negotiating Parties: Newcastle Properties Group (agents for Pacific Gas and Electric Co.)
Under Negotiation: Acquisition
- 2) Conference with Real Property Negotiations (§ 54956.8)
Property: Assessor Parcel Numbers 133-210-71 (810 Vaca Valley Parkway)
Agency Negotiation: Roland Sanford
Negotiating Parties: Solano Irrigation District
Under Negotiation: Acquisition

The Board returned to open session at 8:05 p.m., Vice-Chair Sperring stated there were no reportable actions taken in Closed Session.

TIME AND PLACE OF NEXT MEETING

Thursday, July 8, 2021 at 6:30 p.m., Virtual Zoom Meeting (at the SCWA offices in Vacaville).

ADJOURNMENT

This meeting of the Solano County Water Agency Board of Directors was adjourned at 8:07 p.m.

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

ACTION OF
SOLANO COUNTY WATER AGENCY

DATE: July 8, 2021
SUBJECT: Expenditures Approval

RECOMMENDATIONS:


Approve expenditures from the Water Agency checking accounts for June 2021.

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 June 2021. Additional backup information is available upon request.

Recommended: 
Roland Sanford, General Manager

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

I, Roland Sanford, General Manager and Secretary to the Solano County Water Agency, do hereby certify that the foregoing action was regularly introduced, passed, and adopted by said Board of Directors at a regular meeting thereof held on July 8, 2021 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 Jun 1, 2021 to Jun 30, 2021

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

Date	Check #	Account ID	Line Description	Debit Amount	Credit Amount
6/1/21	10206	2020WC 1020SC	Invoice: 21-03-3868 MBK ENGINEERS	2,265.25	2,265.25
6/1/21	36100	2020SC 1020SC	Invoice: 0667107 ACWA JOINT POWERS INSURANCE AUTHORITY	1,617.27	1,617.27
6/1/21	36101	2020SC 1020SC	Invoice: 3616172 AMERICAN TOWER CORPORATION	650.47	650.47
6/1/21	36102	2020SC 1020SC	Invoice: 1054 BADAWI & ASSOCIATES	10,505.25	10,505.25
6/1/21	36103	2020SC 1020SC	Invoice: BA7503 BLANKINSHIP & ASSOCIATES, INC.	516.25	516.25
6/1/21	36104	2020SC 1020SC	Invoice: 550 BOUCHER LAW	16,502.50	16,502.50
6/1/21	36105	2020SC 1020SC	Invoice: SE01941 BSK ASSOCIATES	172.00	172.00
6/1/21	36106	2020SC 2020SC 2020SC 1020SC	Invoice: 180212 Invoice: 180244 Invoice: 180086 CENTRAL VALLEY EQUIPMENT REPAIR	416.50 357.00 640.15	1,413.65
6/1/21	36107	2020SC 1020SC	Invoice: 1642119 COUNTY OF YOLO	26.60	26.60
6/1/21	36108	2020SC 1020SC	Invoice: 5403069-0001 NORCAL RENTAL GROUP, LLC	270.94	270.94
6/1/21	36109	2020SC 1020SC	Invoice: 202026 JIM'S GOLF CART SERVICE	150.00	150.00
6/1/21	36110	2020SC 1020SC	Invoice: 001329046 KLEINFELDER	2,679.99	2,679.99
6/1/21	36111	2020SC 2020SC 1020SC	Invoice: MC-121039707 Invoice: MC-121049803 LA RANCHERA	2,000.00 1,000.00	3,000.00
6/1/21	36112	2020SC 2020SC 2020SC 2020SC 2020SC 2020SC 2020SC 2020SC 2020SC 2020SC 2020SC 1020SC	Invoice: 318622 Invoice: 114221 Invoice: 319071 Invoice: 319088 Invoice: 319436 Invoice: 319598 Invoice: 319626 Invoice: 319721 Invoice: 320235 Invoice: 320230 Invoice: 320319 PACIFIC ACE HARDWARE	40.74 29.10 110.41 36.12 51.62 40.97 156.53 48.65 33.42 58.94 38.55	645.05
6/1/21	36113	2020SC 1020SC	Invoice: 4/13/21-5/11/21 PACIFIC GAS & ELECTRIC CO,	1,921.37	1,921.37
6/1/21	36114	2020SC 1020SC	Invoice: 1004 RW EQUIPMENT REPAIR	202.83	202.83

SOLANO COUNTY WATER AGENCY

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Date	Check #	Account ID	Line Description	Debit Amount	Credit Amount
6/1/21	36115	2020SC	Invoice: SAL FEST	1,000.00	
		1020SC	SCHOLARSHIP THE REGENTS OF THE UNIVERSITY OF CA		1,000.00
6/1/21	36116	2020SC	Invoice: SHAHEEM	1,000.00	
		1020SC	KHAN SHAHEEM KHAN		1,000.00
6/1/21	36117	2020SC	Invoice: NANCY	496.00	
		1020SC	YINGST NANCY YINGST		496.00
6/1/21	36118	2020SC	Invoice: 9880688557	1,862.95	
		1020SC	VERIZON WIRELESS		1,862.95
6/8/21	36120	2020SC	Invoice: 2995	12,665.75	
		2020SC	Invoice: 2981	7,016.25	
		1020SC	AG INNOVATIONS		19,682.00
6/8/21	36121	2020SC	Invoice: 3566172	650.47	
		1020SC	AMERICAN TOWER CORPORATION		650.47
6/8/21	36122	2020SC	Invoice: 94720015529	551.44	
		1020SC	AZZ GALVANIZING		551.44
6/8/21	36123	2020SC	Invoice: SOLA-JUNE 1	1,650.00	
		1020SC	CPS HR CONSULTING		1,650.00
6/8/21	36124	2020U	Invoice: 1	1,173.54	
		1020SC	JAMES B. DEROSE		1,173.54
6/8/21	36125	2020SC	Invoice: 8188595	1,568.94	
		1020SC	TIAA BANK		1,568.94
6/8/21	36126	2020SC	Invoice: 5199	39,521.91	
		1020SC	EYASCO, INC.		39,521.91
6/8/21	36127	2020SC	Invoice: CF21904	158.86	
		1020SC	GARTON TRACTOR, INC.		158.86
6/8/21	36128	2020N	Invoice: 01-24634	127.15	
		1020SC	GREEN VALLEY TRACTOR		127.15
6/8/21	36129	2020SC	Invoice: 2021-20	4,427.50	
		1020SC	IN COMMUNICATIONS		4,427.50
6/8/21	36130	2020SC	Invoice: CL86241	797.27	
		2020SC	Invoice: CL87634	689.79	
		1020SC	INTERSTATE OIL COMPANY		1,487.06
6/8/21	36131	2020SC	Invoice: JAN 2021-1	700.00	
		1020SC	BRIAN KEELEY		700.00
6/8/21	36132	2020SC	Invoice: 105543	2,363.64	
		1020SC	LOCAL GOVERNMENT COMMISSION		2,363.64
6/8/21	36133	2020SC	Invoice: 37261	25,408.75	
		1020SC	LUHDORFF & SCALMANINI		25,408.75
6/8/21	36134	2020SC	Invoice: MAY 2021	51.00	
		1020SC	MILLENNIUM TERMITE & PEST		51.00

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6/8/21	36135	2020SC 1020SC	Invoice: 4/22/21-5/20/21 PACIFIC GAS & ELECTRIC CO,	33.53	33.53
6/8/21	36136	2020SC 1020SC	Invoice: 910853 BOB PISANI & SON	139.41	139.41
6/8/21	36137	2020SC 1020SC	Invoice: 1018251056 PITNEY BOWES	69.84	69.84
6/8/21	36138	2020SC 1020SC	Invoice: 1481 DOUG NOLAN	750.00	750.00
6/8/21	36139	2020SC 1020SC	Invoice: 05312111 SHANDAM CONSULTING	22,627.50	22,627.50
6/8/21	36140	2020SC 1020SC	Invoice: 2021783 SHELDON	17.18	17.18
6/8/21	36141	2020U 1020SC	Invoice: MAY 2021 SOLANO COUNTY FLEET MANAGEMENT	1,588.65	1,588.65
6/8/21	36141V	2020U 1020SC	Invoice: MAY 2021 SOLANO COUNTY FLEET MANAGEMENT	1,588.65	1,588.65
6/8/21	36142	2020SC 1020SC	Invoice: 2021-01 MICHAEL A. MELANSON	10,250.00	10,250.00
6/8/21	36143	2020SC 1020SC	Invoice: 300465970 TRACTOR SUPPLY CREDIT PLAN	209.34	209.34
6/8/21	36144	2020SC 2020SC 2020SC 2020SC 2020SC 2020SC 2020SC 1020SC	Invoice: 203 Invoice: 200 Invoice: 199 Invoice: 201 Invoice: 198 Invoice: 197 Invoice: 202 TRPA FISH BIOLOGISTS	8,657.84 425.00 1,098.75 5,629.32 5,689.38 100.00 5,879.33	27,479.62
6/8/21	36145	2020SC 1020SC	Invoice: STEPHANIE MANNEL STEPHANIE MANNEL	50.00	50.00
6/8/21	36146	2020SC 1020SC	Invoice: 147927 KENNEDY/JENKS CONSULTANTS	3,298.15	3,298.15
6/8/21	36147	2020U 1020SC	Invoice: MAY 2021 SOLANO COUNTY FLEET MANAGEMENT	1,588.66	1,588.66
6/15/21	36148	2020SC 2020SC 1020SC	Invoice: 541091-2 Invoice: 494604-9 ALPHA MEDIA LLC	5,310.00 3,500.00	8,810.00
6/15/21	36149	2020SC 1020SC	Invoice: AUDREY NOLAN AUDREY NOLAN	250.00	250.00
6/15/21	36150	2020SC 1020SC	Invoice: EXP REIM MAY 2021 CAMILLE BEARD	70.00	70.00
6/15/21	36151	2020SC	Invoice: BETSY HUYNH	1,500.00	

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Date	Check #	Account ID	Line Description	Debit Amount	Credit Amount
		1020SC	BETSY HUYNH		1,500.00
6/15/21	36152	2020SC	Invoice: JUN 2021 BOD MTG	100.00	
		1020SC	STEVEN BIRD		100.00
6/15/21	36153	2020SC	Invoice: SCFY19/20-61-2103	26,500.00	
		2020SC	Invoice: SCFY19/20-61-2106	19,000.00	
		1020SC	CALIFORNIA WATER EFFICIENCY PARTNERSHIP		45,500.00
6/15/21	36154	2020SC	Invoice: EXP REIM MAY 2021	603.68	
		1020SC	CHARNPREET SINGH		603.68
6/15/21	36155	2020SC	Invoice: JUN 2021 EXEC MTG	100.00	
		1020SC	DALE CROSSLEY		100.00
6/16/21	36155V	2020SC	Invoice: JUN 2021 EXEC MTG		100.00
		1020SC	DALE CROSSLEY	100.00	
6/15/21	36156	2020SC	Invoice: EXP REIM	597.80	
		1020SC	ISABELL D'ESTE		597.80
6/15/21	36157	2020SC	Invoice: 2021052-001	840.00	
		1020SC	DYNAMIC PLANNING, LLC		840.00
6/15/21	36158	2020SC	Invoice: ELIZABETH BAKH	250.00	
		1020SC	ELIZABETH BAKH		250.00
6/15/21	36159	2020SC	Invoice: EXP REIM MAY 2021	660.80	
		1020SC	FREEDOM EVANS		660.80
6/15/21	36160	2020SC	Invoice: EXP REIM MAY 2021	558.67	
		1020SC	JUSTIN FOX		558.67
6/15/21	36161	2020SC	Invoice: 163405	5,529.28	
		1020SC	GHD, INC.		5,529.28
6/15/21	36162	2020SC	Invoice: HAILEY LAM	250.00	
		1020SC	HAILEY LAM		250.00
6/15/21	36163	2020SC	Invoice: EXP REIM 4.29.21	151.58	
		1020SC	ZACH HYER		151.58
6/15/21	36164	2020SC	Invoice: JUN 2021 EXEC MTG	100.00	
		2020SC	Invoice: JUN 2021 BOD MTG	100.00	
		1020SC	JOHN D. KLUGE		200.00
6/15/21	36165	2020SC	Invoice: 568765	129.50	
		1020SC	M&M SANITARY LLC		129.50
6/15/21	36166	2020SC	Invoice: MEGAN ANDERSON	750.00	
		1020SC	MEGAN ANDERSON		750.00
6/15/21	36167	2020SC	Invoice: EXP REIMB MAY 2021	107.52	
		1020SC	RICHARD MAROVICH		107.52

SOLANO COUNTY WATER AGENCY

Cash Disbursements Journal

For the Period From Jun 1, 2021 to Jun 30, 2021

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

Date	Check #	Account ID	Line Description	Debit Amount	Credit Amount
6/15/21	36168	2020SC	Invoice: JUN 2021 EXEC MTG	100.00	
		2020SC	Invoice: JUN 2021 BOD MTG	100.00	
		1020SC	MITCH MASHBURN		200.00
6/15/21	36169	2020SC	Invoice: JUN 2021 BOD MTG	100.00	
		1020SC	ROBERT MCCONNELL		100.00
6/15/21	36170	2020SC	Invoice: EXP REIM MAY 2021	618.24	
		1020SC	COLLIN MCVEY		618.24
6/15/21	36171	2020SC	Invoice: MACKENZIE RIESINGER	500.00	
		1020SC	MACKENZIE RIESINGER		500.00
6/15/21	36172	2020SC	Invoice: EXP REIM FEB	13.34	
		2020SC	Invoice: EXP RIEM APR 2021	23.20	
		2020SC	Invoice: EXP REIM MAY 2021	14.27	
		1020SC	JUSTIN PASCUAL		50.81
6/15/21	36173	2020SC	Invoice: 6527	2,280.00	
		1020SC	PAT DAVIS DESIGN GROUP, INC		2,280.00
6/15/21	36174	2020N	Invoice: EXP REIM MAY 2021	232.40	
		1020SC	PHILIP MAILLARD		232.40
6/15/21	36175	2020SC	Invoice: 34-JUL-2021 REEB GOVERNMENT RELATIONS, LLC	9,500.00	
		1020SC			9,500.00
6/15/21	36176	2020SC	Invoice: JUN 2021 EXEC MTG	100.00	
		2020SC	Invoice: JUN 2021 BOD MTG	100.00	
		1020SC	RON ROWLETT		200.00
6/15/21	36177	2020SC	Invoice: EXP REIM MAY 2021	119.32	
		1020SC	COURTNEY SEALE		119.32
6/15/21	36178	2020SC	Invoice: JUN 2021 EXEC MTG	100.00	
		2020SC	Invoice: JUN 2021 BOD MTG	100.00	
		1020SC	JAMES SPERING		200.00
6/15/21	36179	2020SC	Invoice: 188430	45.84	
		1020SC	STERLING MAY EQUIPMENT CO.		45.84
6/15/21	36180	2020SC	Invoice: 70662	45.15	
		2020SC	Invoice: 70785	22.27	
		2020SC	Invoice: 70784	215.86	
		2020SC	Invoice: 70959	79.79	
		2020SC	Invoice: 70865	203.55	
		2020SC	Invoice: 70878	78.67	
		1020SC	SUISUN VALLEY FRUIT GROWERS AS		645.29
6/15/21	36181	2020SC	Invoice: 2021-6-SCWA	17,690.69	
		1020SC	SUSTAINABLE SOLANO		17,690.69

SOLANO COUNTY WATER AGENCY

Cash Disbursements Journal

For the Period From Jun 1, 2021 to Jun 30, 2021

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Date	Check #	Account ID	Line Description	Debit Amount	Credit Amount
6/15/21	36182	2020SC 1020SC	Invoice: 2021-01070 TERRA REALTY ADVISORS, INC.	3,446.17	3,446.17
6/15/21	36183	2020SC 1020SC	Invoice: EXP REIM MAY 2021 DEEPA TEWARI	165.76	165.76
6/15/21	36184	2020SC 1020SC	Invoice: BAWMRP#41 THINKING GREEN CONSULTANTS	1,875.00	1,875.00
6/15/21	36185	2020SC 1020SC	Invoice: CHARLIE & KRISTY ELL CHARLIE & KRISTY ELLIOT	50.00	50.00
6/15/21	36186	2020SC 1020SC	Invoice: MADELEINE BORGES MADELEINE BORGES	50.00	50.00
6/15/21	36187	2020SC 1020SC	Invoice: JUN 2021 BOD MTG JOHN VASQUEZ	100.00	100.00
6/15/21	36187V	2020SC 1020SC	Invoice: JUN 2021 BOD MTG JOHN VASQUEZ	100.00	100.00
6/15/21	36188	2020SC 1020SC	Invoice: EXP REIM MAY 2021 BENJAMIN WESLOW	231.61	231.61
6/15/21	36188V	2020SC 1020SC	Invoice: EXP REIM MAY 2021 BENJAMIN WESLOW	231.61	231.61
6/15/21	36189	2020SC 1020SC	Invoice: DAVIS_FY2020-21-8 KEN W. DAVIS	17,534.12	17,534.12
6/15/21	36189V	2020SC 1020SC	Invoice: DAVIS_FY2020-21-8 KEN W. DAVIS	17,534.12	17,534.12
6/15/21	36190	2020SC 1020SC	Invoice: 1419 WILSON PUBLIC AFFAIRS	3,500.00	3,500.00
6/15/21	36190V	2020SC 1020SC	Invoice: 1419 WILSON PUBLIC AFFAIRS	3,500.00	3,500.00
6/15/21	36191	2020SC 1020SC	Invoice: JUN 2021 BOD MTG JOHN VASQUEZ	100.00	100.00
6/15/21	36192	2020SC 1020SC	Invoice: EXP REIM MAY 2021 BENJAMIN WESLOW	231.61	231.61
6/15/21	36193	2020SC 1020SC	Invoice: DAVIS_FY2020-21-8 KEN W. DAVIS	17,534.12	17,534.12
6/15/21	36194	2020SC 1020SC	Invoice: 1419 WILSON PUBLIC AFFAIRS	3,500.00	3,500.00
6/15/21	36195	2020SC	Invoice: JUN 2021 BOD MTG	100.00	

SOLANO COUNTY WATER AGENCY

Cash Disbursements Journal

For the Period From Jun 1, 2021 to Jun 30, 2021

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Date	Check #	Account ID	Line Description	Debit Amount	Credit Amount
		1020SC	MTG STEVE YOUNG		100.00
6/22/21	36196	2020SC	Invoice: 232648	36.00	
		1020SC	A & L WESTERN AGRICULTURAL LABS		36.00
6/22/21	36197	2020SC	Invoice: 62021	800.00	
		1020SC	BELIA MARTINEZ		800.00
6/22/21	36198	2020SC	Invoice: 148697	1,342.03	
		1020SC	FM GRAPHICS		1,342.03
6/22/21	36199	2020SC	Invoice: 3081496	126.67	
		2020SC	Invoice: 9010834	94.34	
		2020SC	Invoice: 6181605	142.96	
		2020SC	Invoice: 9012116	286.83	
		2020SC	Invoice: 9012115	97.27	
		2020SC	Invoice: 7012309	58.86	
		2020SC	Invoice: 6523911	91.60	
		1020SC	HOME DEPOT CREDIT SERVICE		898.53
6/22/21	36200	2020SC	Invoice: 202034	605.91	
		1020SC	JIM'S GOLF CART SERVICE		605.91
6/22/21	36201	2020SC	Invoice: APR COVID	75.00	
		2020SC	Invoice: MAY COVID	75.00	
		1020SC	LEE, CHRISTOPHER R.		150.00
6/22/21	36202	2020SC	Invoice: 47677505	102.01	
		2020SC	Invoice: 47676317	269.20	
		1020SC	RECOLOGY VACAVILLE SOLANO		371.21
6/22/21	36203	2020U	Invoice: 10047	9,142.45	
		2020U	Invoice: 10049	10,360.76	
		2020U	Invoice: 10051	562.46	
		2020U	Invoice: 10044	6,857.35	
		2020U	Invoice: 10043	14,360.36	
		2020U	Invoice: 10042	2,569.77	
		2020U	Invoice: 10041	2,886.57	
		2020U	Invoice: 10045	749.96	
		2020U	Invoice: 10046	3,377.92	
		2020U	Invoice: 10048	9,288.43	
		2020U	Invoice: 10050	134.64	
		1020SC	SOLANO COUNTY PUBLIC WORKS DIVISION		60,290.67
6/22/21	36204	2020SC	Invoice: FY2021-2022 DUES	100,386.00	
		1020SC	STATE WATER CONTRACTORS		100,386.00
6/22/21	36205	2020SC	Invoice: OSV000002463624	285.00	
		1020SC	VERIZON CONNECT		285.00
6/22/21	36206	2020SC	Invoice: 9881283722	918.28	
		1020SC	VERIZON WIRELESS		918.28
6/22/21	36207	2020SC	Invoice: DAVIS_FY2020-21-9	9,126.64	
		1020SC	KEN W. DAVIS		9,126.64
6/22/21	36208	2020SC	Invoice: 11004	3,450.00	
		1020SC	GWYNNE CROSEY		3,450.00
6/29/21	36209	2020SC	Invoice: 13609	210.00	

SOLANO COUNTY WATER AGENCY

Cash Disbursements Journal

For the Period From Jun 1, 2021 to Jun 30, 2021

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Date	Check #	Account ID	Line Description	Debit Amount	Credit Amount
		1020SC	ZACHARIAH WILKERSON		210.00
6/29/21	36210	2020SC 1020SC	Invoice: 3041 AG INNOVATIONS	6,616.25	6,616.25
6/29/21	36211	2020SC 2020SC 1020SC	Invoice: 10857 Invoice: 10859 LAURA BERGGREN	206.19 90.87	297.06
6/29/21	36212	2020SC 1020SC	Invoice: 3641172 AMERICAN TOWER CORPORATION	666.42	666.42
6/29/21	36213	2020N 1020SC	Invoice: RCLS WTR 2020 CITY OF BENICIA	16,431.83	16,431.83
6/29/21	36214	2020SC 1020SC	Invoice: 592 BOUCHER LAW	13,737.50	13,737.50
6/29/21	36215	2020SC 1020SC	Invoice: MUSSEL INCENT BETTY BRITAIN	12.00	12.00
6/29/21	36216	2020SC 1020SC	Invoice: SE02273 BSK ASSOCIATES	240.00	240.00
6/29/21	36217	2020N 1020SC	Invoice: 2021 ANNUAL RMA PROJ CA DEPT OF FISH & WILDLIFE	2,516.00	2,516.00
6/29/21	36218	2020SC 2020SC 2020SC 1020SC	Invoice: 000016612330 Invoice: 000016613778 Invoice: 000016612285 CALNET3	166.16 843.43 299.73	1,309.32
6/29/21	36219	2020SC 1020SC	Invoice: MUSSEL INCENT MARY CAVIN	23.00	23.00
6/29/21	36220	2020SC 2020SC 2020SC 2020SC 2020SC 2020SC 2020SC 1020SC	Invoice: EXP REIM MARCH 2021 Invoice: EXP REIM JAN 2021 Invoice: EXP REIM FEB 2021 Invoice: EXP REIM APRIL 2021 Invoice: EXP REIM MAY 2021 Invoice: EXP REIM JUNE 2021 SABRINA COLIAS	56.15 114.36 44.23 39.00 22.86 22.86	299.46
6/29/21	36221	2020SC 2020SC 1020SC	Invoice: JUN 2021 EXEC MTG Invoice: JUN 2021 LEG MTG DALE CROSSLEY	100.00 100.00	200.00
6/29/21	36221V	2020SC 2020SC 1020SC	Invoice: JUN 2021 EXEC MTG Invoice: JUN 2021 LEG MTG DALE CROSSLEY		100.00 100.00
6/29/21	36222	2020N 1020SC	Invoice: RECLASS 2020 CITY OF FAIRFIELD	92,506.65	92,506.65
6/29/21	36223	2020U	Invoice: 235240	6,070.00	

SOLANO COUNTY WATER AGENCY

Cash Disbursements Journal

For the Period From Jun 1, 2021 to Jun 30, 2021

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Date	Check #	Account ID	Line Description	Debit Amount	Credit Amount
		1020SC	FRONTIER PRECISION, INC.		6,070.00
6/29/21	36224	2020SC	Invoice: MUSSEL INCENT	20.00	
		1020SC	TERA HANGEY		20.00
6/29/21	36225	2020SC	Invoice: CL88973	591.73	
		1020SC	INTERSTATE OIL COMPANY		591.73
6/29/21	36226	2020SC	Invoice: MUSSEL INCENT	85.00	
		1020SC	JACQUE BRITTAI		85.00
6/29/21	36227	2020SC	Invoice: 0116488	192.00	
		1020SC	DARYL SISCO		192.00
6/29/21	36228	2020SC	Invoice: 3104795012	542.83	
		1020SC	PITNEY BOWES		542.83
6/29/21	36229	2020SC	Invoice: 12180	127.40	
		1020SC	REGIONAL GOVERNMENT SERVICES AUTHORITY		127.40
6/29/21	36230	2020SC	Invoice: 2354141	28.33	
		1020SC	SHELDON		28.33
6/29/21	36231	2020U	Invoice: JUN 2021	932.76	
		1020SC	SOLANO COUNTY FLEET MANAGEMENT		932.76
6/29/21	36232	2020SC	Invoice: 0025493	50,871.77	
		2020SC	Invoice: 0025494	123,230.21	
		1020SC	SOLANO IRRIGATION DISTRICT		174,101.98
6/29/21	36233	2020SC	Invoice: MUSSEL INCEN	287.00	
		1020SC	GINA SOUZA		287.00
6/29/21	36234	2020SC	Invoice: SF FEB-APR 2021	844.00	
		1020SC	SPANISH FLAT RESORT		844.00
6/29/21	36235	2020SC	Invoice: 006492990046 JUL2021	1,972.20	
		1020SC	STANDARD INSURANCE COMPANY		1,972.20
6/29/21	36236	2020SC	Invoice: 2857907371	131.87	
		2020SC	Invoice: 2857907441	131.89	
		2020SC	Invoice: 2859400031	56.21	
		2020SC	Invoice: 2859594021	109.15	
		1020SC	STAPLES		429.12
6/29/21	36237	2020SC	Invoice: 189951	26.63	
		1020SC	STERLING MAY EQUIPMENT CO.		26.63
6/29/21	36238	2020SC	Invoice: 23943	4,082.23	
		1020SC	SUMMERS ENGINEERING CO., INC.		4,082.23
6/29/21	36239	2020SC	Invoice: 70B70-13	97,220.57	
		1020SC	THE REGENTS OF THE UNIVERSITY OF CA		97,220.57

SOLANO COUNTY WATER AGENCY

Cash Disbursements Journal

For the Period From Jun 1, 2021 to Jun 30, 2021

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Date	Check #	Account ID	Line Description	Debit Amount	Credit Amount
			UNIVERSITY OF CA		
6/29/21	36240	2020SC 1020SC	Invoice: 37 THINKING GREEN CONSULTANTS	1,058.39	1,058.39
6/29/21	36241	2020SC 1020SC	Invoice: WANDA KELLNER WANDA KELLNER	1,000.00	1,000.00
6/29/21	36242	2020N 1020SC	Invoice: RECLASS WTR '20 CITY OF VACAVILLE	47,515.72	47,515.72
6/29/21	36243	2020SC 1020SC	Invoice: 32304 CAL.NET INC. (WAS WINTERS BROADBAND)	595.00	595.00
6/29/21	36244	2020SC 1020SC	Invoice: 147012 WOOD RODGERS, INC.	16,560.00	16,560.00
6/29/21	36245	2020SC 1020SC	Invoice: QWEL TRAIN REF ZONE 7 WATER AGENCY	1,080.00	1,080.00
6/29/21	36246	2020SC 1020SC	Invoice: PC FEB-APR 2021 BERRYESSA SMI OPCO L	427.00	427.00
6/25/21	ASHLEY MAY 2021	2020SC 1020SC	Invoice: ASHLEY MAY 2021 UMPQUA BANK	166.94	166.94
6/25/21	COLIAS MAY 2021	2020SC 1020SC	Invoice: COLIAS MAY 2021 UMPQUA BANK	1,556.13	1,556.13
6/25/21	CUETARA MAY 2021	2020SC 1020SC	Invoice: CUETARA MAY 2021 UMPQUA BANK	1,697.30	1,697.30
6/1/21	EFT	2020SC 1020SC	Invoice: JUN 2021 HEALTH CALPERS	22,013.11	22,013.11
6/3/21	EFT	2020SC 2020SC 2020SC 1020SC	Invoice: PPE 05.29.2021 Invoice: PEPRA PPE 05.29.2021 Invoice: SIP PPE 05.29.2021 CALPERS	11,047.44 3,388.73 6,029.53	20,465.70
6/4/21	EFT	2020SC 1020SC	Invoice: 57525 ONEPOINT HUMAN CAPITAL MANAGEMENT LLC	487.90	487.90
6/11/21	EFT	2020SC 1020SC	Invoice: 23536037 PAYCHEX	137.50	137.50
6/14/21	EFT	2020SC 1020SC	Invoice: 72250988 WEX BANK	1,044.68	1,044.68
6/17/21	EFT	2020SC 2020SC 2020SC	Invoice: SIP PPE 06.12.2021 Invoice: PPE 06.12.2021 Invoice: PEPRA PPE 06.12.2021	6,029.53 11,047.44 3,388.73	

SOLANO COUNTY WATER AGENCY

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Date	Check #	Account ID	Line Description	Debit Amount	Credit Amount
		1020SC	CALPERS		20,465.70
6/18/21	EFT	2020SC	Invoice: 57927	113.90	
		1020SC	ONEPOINT HUMAN CAPITAL MANAGEMENT LLC		113.90
6/23/21	EFT	2020SC	Invoice: 5/12/21-6/10/21	2,349.78	
		1020SC	PACIFIC GAS & ELECTRIC CO,		2,349.78
6/30/21	EFT	2020SC	Invoice: 58205	505.40	
		1020SC	ONEPOINT HUMAN CAPITAL MANAGEMENT LLC		505.40
6/17/21	EFT 6.12.2021	6012AC	EMPLOYER LIABILITIES PPE 6.12.2021	2,642.01	
		2024AC	EMPLOYEE LIABILITIES PPE 6.12.2021	18,847.81	
		1020SC	PAYROLL TAXES		21,489.82
6/26/21	EFT 6.26.2021	6012AC	EMPLOYER LIABILITIES PPE 6.26.2021	2,494.67	
		2024AC	EMPLOYEE LIABILITIES PPE 6.26.2021	18,605.26	
		1020SC	PAYROLL TAXES		21,099.93
6/25/21	FOWLER MAY 2021	2020SC	Invoice: FOWLER MAY 2021	529.16	
		1020SC	UMPQUA BANK		529.16
6/25/21	HYER MAY 2021	2020SC	Invoice: HYER MAY 2021	432.57	
		1020SC	UMPQUA BANK		432.57
6/25/21	JONES MAY 2021	2020U	Invoice: JONES MAY 2021	197.49	
		1020SC	UMPQUA BANK		197.49
6/25/21	LEE MAY 2021	2020SC	Invoice: LEE MAY 2021	792.48	
		1020SC	UMPQUA BANK		792.48
6/25/21	MAROVICH MAY 202	2020SC	Invoice: MAROVICH MAY 2021	111.18	
		1020SC	UMPQUA BANK		111.18
6/25/21	PASCUAL MAY 2021	2020SC	Invoice: PASCUAL MAY 2021	414.06	
		1020SC	UMPQUA BANK		414.06
6/25/21	RABIDOUX MAY 2021	2020SC	Invoice: RABIDOUX MAY 2021	351.47	
		1020SC	UMPQUA BANK		351.47
6/25/21	SNYDER MAY 2021	2020SC	Invoice: SNYDER MAY 2021	2,114.51	
		1020SC	UMPQUA BANK		2,114.51
6/25/21	WILLINGMYRE MAY	2020SC	Invoice: WILLINGMYRE MAY 2021	845.67	
		1020SC	UMPQUA BANK		845.67
6/18/21	WIRE 6.18.21	2020SC	Invoice: WIRE TULE LANG	200,000.00	
		1020SC	FIRST AMERICAN TITLE		200,000.00

SOLANO COUNTY WATER AGENCY

Cash Disbursements Journal

For the Period From Jun 1, 2021 to Jun 30, 2021

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Date	Check #	Account ID	Line Description	Debit Amount	Credit Amount
	Total			1,374,434.73	1,374,434.73

ACTION OF
SOLANO COUNTY WATER AGENCY

DATE: July 8, 2021
SUBJECT: Financial Report Approval

RECOMMENDATIONS:

Approve the quarterly Income Statement and Balance Sheet for the period ending June 2021.

FINANCIAL IMPACT:

All revenues and expenditures are reported within previously approved budget amounts.

BACKGROUND:

The Water Agency auditor has recommended that the Board of Directors receive quarterly financial reports. Attached are the Income Statement and the Balance Sheet of the Water Agency for the period ending June 2021. Additional backup information is available upon request.



Recommended: _____
Roland Sanford, General Manager

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

I, Roland Sanford, General Manager and Secretary to the Solano County Water Agency, do hereby certify that the foregoing action was regularly introduced, passed, and adopted by said Board of Directors at a regular meeting thereof held on July 8, 2021 by the following vote:

Ayes:

Noes:

Abstain:

Absent:

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

SOLANO COUNTY WATER AGENCY
Year to Date Income Statement
Compared with Budget and Last Year
For the Twelve Months Ending June 30, 2021

	Current Year Actual	Current Year Budget	Variance Amount	Variance Percent	Last Year Actual	Change from Last Year	Percent Change
Revenues							
SECURED	\$ 111,377.18	\$ 88,247.00	23,130.18	26.21	\$ 94,494.56	16,882.62	17.87
SECURED	14,249,250.27	15,095,730.00	(846,479.73)	(5.61)	14,227,342.12	21,908.15	0.15
SECURED	8,403,475.80	8,489,580.00	(86,104.20)	(1.01)	7,994,434.44	409,041.36	5.12
SECURED	1,128,561.27	1,159,620.00	(31,058.73)	(2.68)	1,069,727.87	58,833.40	5.50
UNSECURED	3,717.75	5,228.00	(1,510.25)	(28.89)	5,314.52	(1,596.77)	(30.05)
UNSECURED	358,285.59	361,480.00	(3,194.41)	(0.88)	355,677.37	2,608.22	0.73
UNSECURED	309,396.41	307,000.00	2,396.41	0.78	321,723.84	(12,327.43)	(3.83)
UNSECURED	40,144.45	44,000.00	(3,855.55)	(8.76)	48,599.49	(8,455.04)	(17.40)
CURRENT SUPPLEMENTAL	2,021.72	2,389.00	(367.28)	(15.37)	3,837.28	(1,815.56)	(47.31)
CURRENT SUPPLEMENTAL	145,202.91	303,010.00	(157,807.09)	(52.08)	232,206.30	(87,003.39)	(37.47)
CURRENT SUPPLEMENTAL	102,613.09	228,240.00	(125,626.91)	(55.04)	185,928.06	(83,314.97)	(44.81)
CURRENT SUPPLEMENTAL	11,916.24	33,910.00	(21,993.76)	(64.86)	28,066.34	(16,150.10)	(57.54)
WATER SALES	1,603,170.00	1,560,100.00	43,070.00	2.76	1,559,082.00	44,088.00	2.83
WATER SALES	83,062.00	93,644.00	(10,582.00)	(11.30)	91,656.00	(8,594.00)	(9.38)
COST OF POWER TO PUMP NB	138,225.57	50,000.00	88,225.57	176.45	0.00	138,225.57	0.00
CONVEYANCE SETTLEMENT	71,066.63	100,000.00	(28,933.37)	(28.93)	0.00	71,066.63	0.00
NAPA MAKE WHOLE	312,000.00	312,000.00	0.00	0.00	312,000.00	0.00	0.00
SWP ADJUSTMENTS	803,709.00	586,000.00	217,709.00	37.15	796,692.17	7,016.83	0.88
PROP 84 INTAKE GRANT	0.00	0.00	0.00	0.00	399,346.09	(399,346.09)	(100.00)
EQUIPMENT DISTRIBUTION R	0.00	30,000.00	(30,000.00)	(100.00)	0.00	0.00	0.00
INTEREST - MONEY MGMT	30.04	65.00	(34.96)	(53.78)	118.55	(88.51)	(74.66)
INTEREST - CHECKING	238.39	100.00	138.39	138.39	246.10	(7.71)	(3.13)
INTEREST - LAIF - GREEN VAL	415.32	220.00	195.32	88.78	741.69	(326.37)	(44.00)
INTEREST - LAIF - SWP	35,882.25	21,700.00	14,182.25	65.36	73,365.41	(37,483.16)	(51.09)
INTEREST - LAIF - SP	31,495.39	45,000.00	(13,504.61)	(30.01)	66,248.86	(34,753.47)	(52.46)
INTEREST - LAIF - ULATIS	11,448.27	7,300.00	4,148.27	56.83	24,666.70	(13,218.43)	(53.59)
INTEREST - CAMP - GREEN VA	199.53	1,325.00	(1,125.47)	(84.94)	2,184.12	(1,984.59)	(90.86)
INTEREST - CAMP - SWP	17,238.47	131,100.00	(113,861.53)	(86.85)	216,043.88	(198,805.41)	(92.02)
INTEREST - CAMP - SP	15,130.94	120,000.00	(104,869.06)	(87.39)	195,087.79	(179,956.85)	(92.24)
INTEREST - CAMP - ULATIS	5,499.94	44,000.00	(38,500.06)	(87.50)	72,637.65	(67,137.71)	(92.43)
INTEREST - OTHER	5.12	0.00	5.12	0.00	0.00	5.12	0.00
INTEREST- INVESTMENT	422.35	222.00	200.35	90.25	489.09	(66.74)	(13.65)
INTEREST - INVESTMENTS	36,488.74	22,000.00	14,488.74	65.86	48,379.90	(11,891.16)	(24.58)
INTEREST - INVESTMENTS	32,027.70	21,000.00	11,027.70	52.51	43,687.09	(11,659.39)	(26.69)
INTEREST - INVESTMENTS	11,641.76	7,400.00	4,241.76	57.32	16,266.14	(4,624.38)	(28.43)
INTEREST - INVESTMENTS	0.00	0.00	0.00	0.00	616.80	(616.80)	(100.00)
INTEREST-CHANGE IN MARK	0.00	0.00	0.00	0.00	61,011.21	(61,011.21)	(100.00)
INTEREST-CHANGE IN MARK	0.00	0.00	0.00	0.00	55,093.16	(55,093.16)	(100.00)
INTEREST-CHANGE IN MRKET	0.00	0.00	0.00	0.00	20,513.01	(20,513.01)	(100.00)
HOMEOWNER RELIEF	1,178.00	1,293.00	(115.00)	(8.89)	1,294.00	(116.00)	(8.96)
HOMEOWNER RELIEF	78,502.00	86,070.00	(7,568.00)	(8.79)	79,682.00	(1,180.00)	(1.48)
HOMEOWNER RELIEF	70,725.00	69,810.00	915.00	1.31	46,664.15	24,060.85	51.56

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HOMEOWNER RELIEF	8,856.15	10,330.00	(1,473.85)	(14.27)	8,990.45	(134.30)	(1.49)
REDEVELOP - DIX/RV	50,856.44	74,100.00	(23,243.56)	(31.37)	64,676.94	(13,820.50)	(21.37)
REDEVELOP - VACAVILLE	668,955.51	673,850.00	(4,894.49)	(0.73)	556,926.43	112,029.08	20.12
REDEVELOP - VACAVILLE	352,948.20	356,456.00	(3,507.80)	(0.98)	319,109.85	33,838.35	10.60
REDEVELOP - FAIRFIELD	30,182.24	84,248.00	(54,065.76)	(64.17)	61,496.01	(31,313.77)	(50.92)
REDEVELOP - FAIRFIELD	928,345.46	975,360.00	(47,014.54)	(4.82)	753,608.96	174,736.50	23.19
REDEVELOP - SUISUN CITY	376,635.39	276,360.00	100,275.39	36.28	251,018.30	125,617.09	50.04
REDEVELOP - N. TEXAS	45,479.86	72,380.00	(26,900.14)	(37.17)	42,159.66	3,320.20	7.88
BOATING AND WATERWAYS	0.00	180,000.00	(180,000.00)	(100.00)	80,096.77	(80,096.77)	(100.00)
USFWS (FISH & WILDLIFE)	0.00	200,000.00	(200,000.00)	(100.00)	0.00	0.00	0.00
USBR Grant	65,268.46	0.00	65,268.46	0.00	212,879.81	(147,611.35)	(69.34)
MISCELLANEOUS INCOME	43.60	0.00	43.60	0.00	23,128.46	(23,084.86)	(99.81)
MISC INCOME	17,240.73	17,241.00	(0.27)	0.00	17,320.33	(79.60)	(0.46)
MISCELLANEOUS INCOME	222,294.47	17,240.00	205,054.47	1,189.41	55,471.00	166,823.47	300.74
SACKETT RANCH LEASE REV	19,345.51	0.00	19,345.51	0.00	0.00	19,345.51	0.00
GREENHOUSE REVENUES	10,684.50	3,000.00	7,684.50	256.15	13,778.00	(3,093.50)	(22.45)
O&M - OTHER AGENCIES	8,036.47	7,000.00	1,036.47	14.81	7,394.84	641.63	8.68
OVERHEAD DISTRIBUTION RE	3,602,768.18	7,038,794.00	(3,436,025.82)	(48.82)	4,875,316.37	(1,272,548.19)	(26.10)
WATERMASTER INCOME	3,127.35	4,600.00	(1,472.65)	(32.01)	7,222.73	(4,095.38)	(56.70)
WATER CONSERVATION REI	8,000.00	170,000.00	(162,000.00)	(95.29)	258,948.74	(250,948.74)	(96.91)
BAY AREA IRWMP GRANT	25,682.99	48,200.00	(22,517.01)	(46.72)	24,280.44	1,402.55	5.78
OTHER GRANTS	0.00	0.00	0.00	0.00	33,349.54	(33,349.54)	(100.00)
LPCCC SERVICES	0.00	150,000.00	(150,000.00)	(100.00)	143,949.34	(143,949.34)	(100.00)
LPCCC-PROP 1	0.00	0.00	0.00	0.00	41,899.84	(41,899.84)	(100.00)
LPCCC-COASTAL CONSERVA	0.00	9,000.00	(9,000.00)	(100.00)	17,700.40	(17,700.40)	(100.00)
LPCCC-IRWM	0.00	0.00	0.00	0.00	85,676.20	(85,676.20)	(100.00)
Total Revenues	34,670,516.60	39,796,942.00	(5,126,425.40)	(12.88)	36,707,565.16	(2,037,048.56)	(5.55)
Cost of Sales							
Total Cost of Sales	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Gross Profit	34,670,516.60	39,796,942.00	(5,126,425.40)	(12.88)	36,707,565.16	(2,037,048.56)	(5.55)
Expenses							
CAPITAL EXPENDITURES	16,852.83	0.00	16,852.83	0.00	272,852.29	(255,999.46)	(93.82)
CAPITAL EXPENDITURES	0.00	25,000.00	(25,000.00)	(100.00)	9,907.76	(9,907.76)	(100.00)
CAPITAL EXPENDITURES	3,029,685.00	305,000.00	2,724,685.00	893.34	116,418.65	2,913,266.35	2,502.41
CAPITAL EXPENDITURES	0.00	40,000.00	(40,000.00)	(100.00)	383,236.01	(383,236.01)	(100.00)
GROSS SALARIES	2,391,527.13	3,310,900.00	(919,372.87)	(27.77)	2,441,552.20	(50,025.07)	(2.05)
PERS RETIREMENT	328,019.25	394,400.00	(66,380.75)	(16.83)	375,362.34	(47,343.09)	(12.61)

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PAYROLL TAXES	90,013.66	143,900.00	(53,886.34)	(37.45)	101,614.21	(11,600.55)	(11.42)
EMPLOYEE BENEFITS	310,657.10	457,700.00	(147,042.90)	(32.13)	321,700.56	(11,043.46)	(3.43)
OPEB/PENSION UNFUNDED E	228,288.00	224,400.00	3,888.00	1.73	750,000.00	(521,712.00)	(69.56)
TELEPHONE	38,627.88	45,200.00	(6,572.12)	(14.54)	39,144.68	(516.80)	(1.32)
OFFICE EXPENSE	19,987.44	36,425.00	(16,437.56)	(45.13)	22,879.89	(2,892.45)	(12.64)
OFFICE EQUIPMENT	21,304.65	34,000.00	(12,695.35)	(37.34)	24,139.07	(2,834.42)	(11.74)
SAFETY TRAINING & EQUIPM	8,076.59	10,500.00	(2,423.41)	(23.08)	4,948.65	3,127.94	63.21
OFFICE HELP - TEMPORARY	0.00	10,000.00	(10,000.00)	(100.00)	0.00	0.00	0.00
HR -EMPLOYEE SUPPORT	20,403.53	108,500.00	(88,096.47)	(81.19)	33,568.96	(13,165.43)	(39.22)
POSTAGE	5,495.14	7,500.00	(2,004.86)	(26.73)	5,485.93	9.21	0.17
SID OFFICE EXPENSE	45,128.16	67,325.00	(22,196.84)	(32.97)	56,288.53	(11,160.37)	(19.83)
MEMBERSHIPS	66,306.38	75,610.00	(9,303.62)	(12.30)	64,620.23	1,686.15	2.61
SWC DUES	83,303.00	116,300.00	(32,997.00)	(28.37)	93,375.00	(10,072.00)	(10.79)
PPTY TAX ADMIN FEE	1,184.00	1,200.00	(16.00)	(1.33)	1,074.00	110.00	10.24
PPTY TAX ADMIN FEE	112,212.00	102,500.00	9,712.00	9.48	101,302.00	10,910.00	10.77
PPTY TAX ADMIN FEE	15,251.00	15,000.00	251.00	1.67	13,709.00	1,542.00	11.25
PETERSEN RANCH EXPENSES	0.00	16,250.00	(16,250.00)	(100.00)	115,643.17	(115,643.17)	(100.00)
PETERSEN RANCH EXPENSES	53,182.60	16,250.00	36,932.60	227.28	115,643.16	(62,460.56)	(54.01)
SACKETT RANCH EXPENSES	59,035.28	0.00	59,035.28	0.00	0.00	59,035.28	0.00
PS - PAYROLL SERVICES	12,688.02	24,800.00	(12,111.98)	(48.84)	12,472.09	215.93	1.73
PS - COMPUTER SERVICES	623,896.53	697,350.00	(73,453.47)	(10.53)	621,597.27	2,299.26	0.37
TALENT DECISION MONITORI	8,526.40	15,600.00	(7,073.60)	(45.34)	12,757.20	(4,230.80)	(33.16)
GOVERNMENTAL ADVOCACY	110,634.50	205,000.00	(94,365.50)	(46.03)	103,284.57	7,349.93	7.12
GOVERNMENTAL ADVOCACY	52,250.00	70,000.00	(17,750.00)	(25.36)	0.00	52,250.00	0.00
LPCCC - VEGETATION	13,390.68	14,629.00	(1,238.32)	(8.46)	58,783.50	(45,392.82)	(77.22)
CONSULTANTS	378,956.56	318,900.00	60,056.56	18.83	360,349.35	18,607.21	5.16
CONSULTANTS	89,032.25	216,000.00	(126,967.75)	(58.78)	31,495.30	57,536.95	182.68
CONSULTANTS	137,938.35	671,800.00	(533,861.65)	(79.47)	305,546.63	(167,608.28)	(54.86)
CONSULTANTS	148,621.73	220,000.00	(71,378.27)	(32.44)	107,682.06	40,939.67	38.02
HYDROLOGY STATIONS	19,768.21	39,000.00	(19,231.79)	(49.31)	32,011.53	(12,243.32)	(38.25)
HYDROLOGY STATIONS	13,389.23	27,000.00	(13,610.77)	(50.41)	15,160.45	(1,771.22)	(11.68)
HYDROLOGY STATIONS	43,998.21	85,000.00	(41,001.79)	(48.24)	70,603.80	(26,605.59)	(37.68)
HYDROLOGY STATIONS	79.91	15,000.00	(14,920.09)	(99.47)	13,421.51	(13,341.60)	(99.40)
LPCCC - WILDLIFE	0.00	80,460.00	(80,460.00)	(100.00)	71,078.93	(71,078.93)	(100.00)
LPCCC - FISHERIES	29,469.49	80,460.00	(50,990.51)	(63.37)	67,335.82	(37,866.33)	(56.24)
WATERSHED PROGRAM	32,096.89	198,100.00	(166,003.11)	(83.80)	34,418.65	(2,321.76)	(6.75)
SOLANO PROJECT WQ MONIT	35,607.72	30,000.00	5,607.72	18.69	28,228.50	7,379.22	26.14
SOLANO PROJECT INVASIVES	105,934.28	219,152.00	(113,217.72)	(51.66)	128,964.76	(23,030.48)	(17.86)
Yolo Bypass/Cache Slough Progr	215,645.79	995,000.00	(779,354.21)	(78.33)	683,749.33	(468,103.54)	(68.46)
UPPER PUTAH CREEK MGMT	135,984.36	239,000.00	(103,015.64)	(43.10)	93,077.26	42,907.10	46.10
NBA RELIABILITY PROGRAM	0.00	0.00	0.00	0.00	218,700.96	(218,700.96)	(100.00)
INTER-DAM REACH MANAGE	460,985.96	120,000.00	340,985.96	284.15	3,193.55	457,792.41	14,334.91
MBK	20,250.25	55,000.00	(34,749.75)	(63.18)	23,467.00	(3,216.75)	(13.71)

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LPCCC SERVICES	1,730.60	25,000.00	(23,269.40)	(93.08)	142,859.40	(141,128.80)	(98.79)
LPCCC EQUIPMENT	21,588.76	20,000.00	1,588.76	7.94	31,336.69	(9,747.93)	(31.11)
LPCCC NURSERY	120,603.08	50,000.00	70,603.08	141.21	51,573.19	69,029.89	133.85
LPCCC-PROP 1	0.00	0.00	0.00	0.00	108,341.83	(108,341.83)	(100.00)
LPCCC-COASTAL CONSERVA	0.00	9,000.00	(9,000.00)	(100.00)	18,750.20	(18,750.20)	(100.00)
LPCCC-IRWM	0.00	0.00	0.00	0.00	114,214.18	(114,214.18)	(100.00)
LPCCC MISC. SUPPLIES	33,538.47	25,000.00	8,538.47	34.15	20,029.55	13,508.92	67.44
BOARD EXPENSES	19,688.27	35,000.00	(15,311.73)	(43.75)	18,891.24	797.03	4.22
FIELD SUPPLIES	42,565.67	50,000.00	(7,434.33)	(14.87)	31,437.75	11,127.92	35.40
MISC WATERMASTER EXP	222.00	300.00	(78.00)	(26.00)	310.00	(88.00)	(28.39)
HCP PLANNING	338,975.30	421,000.00	(82,024.70)	(19.48)	435,035.58	(96,060.28)	(22.08)
CAR MAINTENANCE	16,657.52	28,800.00	(12,142.48)	(42.16)	20,692.12	(4,034.60)	(19.50)
FUEL	18,956.69	62,000.00	(43,043.31)	(69.42)	26,032.29	(7,075.60)	(27.18)
GARAGE SERVICES	9,824.82	15,000.00	(5,175.18)	(34.50)	7,992.26	1,832.56	22.93
TRAVEL	4,872.33	10,000.00	(5,127.67)	(51.28)	14,574.19	(9,701.86)	(66.57)
EMPLOYEE REIMBURSEMENT	0.00	1,000.00	(1,000.00)	(100.00)	145.08	(145.08)	(100.00)
INSURANCE	72,318.49	66,000.00	6,318.49	9.57	62,824.51	9,493.98	15.11
EDUCATION & TRAINING	15,748.59	65,000.00	(49,251.41)	(75.77)	25,659.74	(9,911.15)	(38.63)
COMP SOFTWARE/EQUIP	26,399.13	113,600.00	(87,200.87)	(76.76)	65,949.02	(39,549.89)	(59.97)
SCWA Water Mgt Planning	840.00	300,000.00	(299,160.00)	(99.72)	0.00	840.00	0.00
WATER CONSERVATION	560,096.82	646,000.00	(85,903.18)	(13.30)	581,887.44	(21,790.62)	(3.74)
WATER CONSERVATION	0.00	456,000.00	(456,000.00)	(100.00)	348,695.09	(348,695.09)	(100.00)
MISC. WATER CONSERVATIO	30,172.00	0.00	30,172.00	0.00	63,266.00	(33,094.00)	(52.31)
MELLON LEVEE	5,114.43	20,000.00	(14,885.57)	(74.43)	8,030.64	(2,916.21)	(36.31)
PSC MAINTENANCE	773,508.52	970,000.00	(196,491.48)	(20.26)	800,143.84	(26,635.32)	(3.33)
FLOOD CONTROL	146,057.66	981,500.00	(835,442.34)	(85.12)	92,042.93	54,014.73	58.68
GROUND WATER MANAGEME	398,586.30	603,949.00	(205,362.70)	(34.00)	363,728.92	34,857.38	9.58
PUBLIC EDUCATION	131,280.77	297,355.00	(166,074.23)	(55.85)	182,483.59	(51,202.82)	(28.06)
SOLANO SUB-BASIN GSA	6,053.20	20,000.00	(13,946.80)	(69.73)	142.80	5,910.40	4,138.94
LABOR	3,435.65	50,000.00	(46,564.35)	(93.13)	26,433.36	(22,997.71)	(87.00)
LOWER PUTAH CREEK(NON-A	502,336.10	497,163.00	5,173.10	1.04	795,311.40	(292,975.30)	(36.84)
LABOR	212,274.79	300,000.00	(87,725.21)	(29.24)	266,952.30	(54,677.51)	(20.48)
SP ADMINISTRATION	1,067,101.82	1,225,000.00	(157,898.18)	(12.89)	1,207,616.14	(140,514.32)	(11.64)
PSC OPERATIONS	252,209.17	360,000.00	(107,790.83)	(29.94)	263,928.47	(11,719.30)	(4.44)
DAM MAINTENANCE	11,311.03	64,000.00	(52,688.97)	(82.33)	13,211.06	(1,900.03)	(14.38)
DAM OPERATIONS	279,793.10	285,000.00	(5,206.90)	(1.83)	280,758.44	(965.34)	(0.34)
WEED CONTROL	0.00	6,000.00	(6,000.00)	(100.00)	5,776.00	(5,776.00)	(100.00)
SP PEST MANAGEMENT	10,362.77	60,000.00	(49,637.23)	(82.73)	58,228.80	(47,866.03)	(82.20)
EQUIP - TRANS DEPT	313.39	8,000.00	(7,686.61)	(96.08)	7,041.72	(6,728.33)	(95.55)
EQUIP - TRANS DEPT	26,714.52	80,000.00	(53,285.48)	(66.61)	56,726.99	(30,012.47)	(52.91)
SUPPLIES	298.43	2,000.00	(1,701.57)	(85.08)	0.00	298.43	0.00
SUPPLIES	32,679.02	83,500.00	(50,820.98)	(60.86)	26,079.96	6,599.06	25.30
CONTRACT WORK	0.00	15,000.00	(15,000.00)	(100.00)	0.00	0.00	0.00

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CONTRACT WORK	0.00	40,000.00	(40,000.00)	(100.00)	0.00	0.00	0.00
TRANS DEPT OVERHEAD	1,576.27	15,000.00	(13,423.73)	(89.49)	13,721.51	(12,145.24)	(88.51)
TRANS DEPT OVERHEAD	97,386.78	145,000.00	(47,613.22)	(32.84)	138,511.28	(41,124.50)	(29.69)
REHAB & BETTERMENT	18,572.62	0.00	18,572.62	0.00	0.00	18,572.62	0.00
REHAB & BETTERMENT	186,245.23	915,000.00	(728,754.77)	(79.65)	231,836.21	(45,590.98)	(19.67)
REHAB & BETTERMENT	0.00	270,000.00	(270,000.00)	(100.00)	0.00	0.00	0.00
WATER PURCHASES	11,859,150.80	11,963,742.00	(104,591.20)	(0.87)	12,117,028.43	(257,877.63)	(2.13)
USBR ADMINISTRATION	0.00	79,000.00	(79,000.00)	(100.00)	79,000.00	(79,000.00)	(100.00)
WATER RIGHTS FEE	94,599.97	95,000.00	(400.03)	(0.42)	89,133.33	5,466.64	6.13
NAPA MAKE WHOLE	312,000.00	312,000.00	0.00	0.00	312,000.00	0.00	0.00
LABOR COSTS	316,077.52	462,454.00	(146,376.48)	(31.65)	229,465.06	86,612.46	37.75
LABOR COSTS	2,410.71	29,538.00	(27,127.29)	(91.84)	17,106.19	(14,695.48)	(85.91)
LABOR COSTS	267,725.64	656,846.00	(389,120.36)	(59.24)	466,091.97	(198,366.33)	(42.56)
LABOR COSTS	1,103,188.86	1,712,542.00	(609,353.14)	(35.58)	1,087,576.32	15,612.54	1.44
LABOR COSTS	20,198.28	136,297.00	(116,098.72)	(85.18)	41,558.82	(21,360.54)	(51.40)
INTRA-FUND TRANSFER	(791,842.36)	(1,156,134.00)	364,291.64	(31.51)	(563,251.28)	(228,591.08)	40.58
OVERHEAD EXPENSES	475,764.87	693,681.00	(217,916.13)	(31.41)	333,786.22	141,978.65	42.54
OVERHEAD EXPENSES	5,051.22	44,306.00	(39,254.78)	(88.60)	39,214.30	(34,163.08)	(87.12)
OVERHEAD EXPENSES	429,927.33	985,268.00	(555,340.67)	(56.36)	766,552.29	(336,624.96)	(43.91)
OVERHEAD EXPENSES	1,707,140.55	2,632,286.00	(925,145.45)	(35.15)	2,175,415.57	(468,275.02)	(21.53)
OVERHEAD EXPENSES	35,734.62	204,446.00	(168,711.38)	(82.52)	72,783.97	(37,049.35)	(50.90)
CONTINGENCY	0.00	80,000.00	(80,000.00)	(100.00)	0.00	0.00	0.00
CONTINGENCY	0.00	5,000.00	(5,000.00)	(100.00)	0.00	0.00	0.00
CONTINGENCY	0.00	40,000.00	(40,000.00)	(100.00)	0.00	0.00	0.00
CONTINGENCY	0.00	90,000.00	(90,000.00)	(100.00)	36,215.23	(36,215.23)	(100.00)
CONTINGENCY	0.00	50,000.00	(50,000.00)	(100.00)	0.00	0.00	0.00
Total Expenses	30,968,824.06	39,029,550.00	(8,060,725.94)	(20.65)	32,890,726.44	(1,921,902.38)	(5.84)
Net Income	\$ 3,701,692.54	\$ 767,392.00	2,934,300.54	382.37	\$ 3,816,838.72	(115,146.18)	(3.02)

ASSETS

Current Assets			ADMIN/SP/WC	SWP(N)	U	GV
1000SC	PERSHING	\$ 265,425.01	265,425.01			
1010WC	MONEY MGMT - WATERMASTER	\$ 16,387.90	16,387.90			
1020G	CHECKING - BANK OF THE WEST	1,047,010.10	(2,478,976.13)	3,316,523.93	194,919.00	14,543.30
1030G	LAIF -	23,199,584.95	18,324,558.39	3,663,711.00	1,168,909.64	42,405.92
1040G	CAMP -	27,890,354.16	4,204,504.06	17,800,540.78	5,679,275.42	206,033.90
1050G	CERTIFICATES OF DEPOSIT -	4,594,482.38	1,231,427.88	2,527,424.12	806,376.49	29,253.89
1060SC	PETTY CASH	142.70	142.70			
1210N	ACCOUNTS RECEIVABLE-SWP	205,855.40	205,855.40			
1220AC	EMPLOYEE RECEIVABLE	6.19	6.19			
1225AC	RETENTION RECEIVABLE	189.99	189.99			
1400AC	PREPAID	132,990.24	32,604.24	100,386.00		
1415AC	INVENTORY-WATER CONSERVATION S	23,084.21	23,084.21			
Total Current Assets		57,375,513.23	21,825,209.84	27,408,585.83	7,849,480.55	292,237.01
Total Assets		\$ 57,375,513.23	\$ 21,825,209.84	\$ 27,408,585.83	\$ 7,849,480.55	\$ 292,237.01

LIABILITIES AND CAPITAL

Current Liabilities						
2010N	UNEARNED INCOME-	454,241.00	23,741.00	430,500.00		
2020N	ACCOUNTS PAYABLE-	175,363.94	86,650.62	64,405.89	24,307.43	
2023AC	EMPLOYEE BENEFITS PAYABLE	7,808.24	7,808.24			
2025SC	SALES TAX PAYABLE	14,007.94	14,007.94			
2106SC	SECURITY DEPOSIT - SACKETT RAN	500.00	500.00			
2110SC	WESTSIDE IRWMP PREFUNDED ADMIN	114,762.84	114,762.84			
Total Current Liabilities		766,683.96	247,470.64	494,905.89	24,307.43	0.00
Long-Term Liabilities						
Total Long-Term Liabilities		0.00				
Total Liabilities		766,683.96	247,470.64	494,905.89	24,307.43	0.00
Capital						
3150SC	OTHER FLD CTRL CAPITAL PROJ.	1,423,210.66	1,423,210.66			
3155SC	OTHER CAPITAL PROJ/EMERG RESER	2,000,000.00	2,000,000.00			
3200G	GREEN VALLEY OPERTING RESERVE	88,022.00			88,022.00	
3200N	SWP OPERATING RESERVE	8,038,753.00		8,038,753.00		
3200SC	DESIGNATED REHAB & BETTERMENT	2,000,000.00	2,000,000.00			
3200U	ULATIS OPERATING RESERVE	837,122.00			837,122.00	
3250G	GV CAPITAL RESERVE	189,276.99				189,276.99
3250N	DESIGNATED SWP FACILITIES RESE	15,918,820.39		15,918,820.39		
3250SC	SP FUTURE REPLACEMENT CAPITAL	5,054,493.31	5,054,493.31			
3250U	ULATIS FCP CAPITAL RESERVE	6,806,559.38			6,806,559.38	
3350SC	DESIGNATED OPERATING RESERVES	10,550,879.00	10,550,879.00			
	Net Income-Current Year	3,701,692.54	(1,896,645.00)	4,511,741.23	969,924.51	116,671.80
Total Capital		56,608,829.27	19,131,937.97	28,469,314.62	8,701,627.89	305,948.79
Total Liabilities & Capital		\$ 57,375,513.23	\$ 19,379,408.61	\$ 28,964,220.51	\$ 8,725,935.32	\$ 305,948.79

SOLANO COUNTY WATER AGENCY



MEMORANDUM

TO: Board of Directors

FROM: Roland Sanford, General Manager

DATE: July 1, 2021

SUBJECT: July General Manager's Report

COVID Update

In accordance with prevailing state and federal guidelines, fully vaccinated staff are no longer required to wear face masks while in the office. The Water Agency office is now open to the public, but by appointment only. Staff continue to work predominately from home, due in part to office space limitations. Assuming there is not a COVID resurgence this summer, staff anticipate that the September Board meeting will be an "in-person" as opposed to Zoom meeting.

August Board Meeting

As of this writing no urgent or otherwise time sensitive Board business is anticipated in August and therefore, staff is recommending cancellation of the Board meeting scheduled for August 12, 2021. Cancellation of the August 12, 2021 Board meeting will provide an opportunity for staff to take accrued vacation time.

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



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

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

Construction Contracts (\$45,000 and less) – None

Professional Service Agreements (\$45,000 and less) – None

Non-Professional Service Agreements (\$45,000 and less) – None

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

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

WATER ADVISORY COMMISSION UPDATES

**Solano Water Advisory Commission
Meeting Minutes - Corrected
May 26, 2021**

Present: Roland Sanford, Chris Lee, Thomas Pate, Alex Rabidoux, Andy Florendo and Jeff Barich, SCWA; Kyle Ochendusko, Benicia; Michael Heather, Fairfield; Curtis Paxton and Justen Cole, Vacaville; Michael Malone, Beth Schoenberger, Joe Abitong, Melissa Cansdale, Kevin Brown, and Matt Brown, Vallejo; Scott Alman and Deborah Barr, Dixon; Misty Kaltreider, Solano County; Kelly Huff, Dixon RCD; Cary Keaten, SID; Bryan Busch, RD 2068; Jack Caldwell, CalWater.

The meeting was called to order at 12:31 PM.

1. Approval of Minutes

The minutes of the April 22, 2021 meeting were approved.

2. Emerging Issues

With the Governor declaring a drought proclamation for Solano County, it is important that the region convey a uniform message that while no mandatory cutbacks are expected, there is no water to waste. Additionally, the various Solano agencies have invested in a diverse water portfolio and made smart investments in water conservation, such that no water shortages are expected at this time. Furthermore, water conservation has never stopped, and continues to be an important aspect of the region's water portfolio and investment. On the agricultural side, agencies like SID, have heavily invested in upgrading and automating their water conveyance systems. Cropping patterns have also changed as well as labor shortages, such that there are more orchards and use of drip system and even buried drip tape for row crops, resulting in a significant increase in water use efficiency on the agricultural side. Regionally, the overall message is we have water to use, but none to waste.

3. SCWA General Manager's Report

For the June 10th SCWA Board meeting, the new budget and drought update will be the main points of discussion. As a related drought item, the SWRCB anticipates curtailment of all post-1914 non-storage water rights within the next 1-2 weeks, which will likely impact Vallejo Permit water.

On NBA issues, the Water Agency appreciated the effort of each of the cities providing comment letters to the Delta Stewardship Council (DSC) in regards to the Lookout Slough Restoration Project. There will be a final hearing from the DSC in mid-July on the Lookout Slough project. In the meantime, there is an opportunity to provide additional comments to the DSC, on the actual impacts to each city if the NBA is curtailed or water quality significantly degraded. It is worth noting that we are paying \$11M/year for the NBA, regardless if water is delivered. Lastly, we are also reaching a point where we need to articulate to DWR the specific hardship and mitigation approaches. For agencies like Benicia that are heavily reliant on the NBA, there would be a need to backstop the water that was curtailed. Additionally, for water quality mitigation, SCWA would need to know what the costs are to improve NBA water treatability for each of the member agencies.

One question that came up by the Commission, is what has SCWA done to assess the organic carbon impacts. For the last 25-years, detailed state required Watershed

Sanitary Surveys have been completed for the SWP, including the NBA. These reports document the ongoing issues with organic carbon, and over the last ten years summarize the concerns by the NBA users, in regards to potential impacts from large-scale tidal wetland restoration. SCWA has also completed numerous water quality and hydrodynamic studies to try and quantify as much as possible, the range of water quality and economic impacts to the NBA. These reports as well as supplemental questionnaire responses have been submitted by SCWA to the DSC. Additionally, no city in Solano County was aware of DWR reaching out to them, to fully understand the potential organic carbon impacts associated with large-scale tidal wetland restoration like the Lookout Slough project.

On Bay Delta Planning and the VSA discussions, there have been no updates, as the drought declaration has been the highest priority. On other issues, the Water Policy Committee is continuing to discuss the Water Agency's Water Transfer Policy. There are several key issues that have not yet been resolved, with additional discussions scheduled for early June.

On flood management issues, SCWA staff are continuing to work with stakeholders on the Dixon Regional Flood Study. The next stakeholder meeting will be scheduled for the week of June 21-25. The County has also requested an update on the project to the Board of Supervisors. SCWA staff have recommended that this update be provided by Water Agency staff, but have not heard back from the County on this item.

4. Groundwater Planning

Chris Lee provided a brief update to the Commission, with the draft GSP scheduled for October.

5. Solano County Report

Misty Kaltreider provided a brief update on County activities. Flannery Associates has been very active, with lots of purchases underway. The County is working with stakeholders on the Cache Slough HCP. For the Lookout Slough Project, DWR made several comments at the DSC meeting that they are working closely with Solano County on recreational access and roadway abandonment.

6. PSC/NBA Maintenance

On PSC maintenance, there was a PSC Users Meeting last week. One of the main topics was the use of NSF-60 Rhodamine Dye in the PSC to track copper treatments. There were no significant concerns by the PSC Users, so SCWA and SID will be moving forward on this new approach and pilot study. The exact details will be provided well in advance, to all of the PSC users.

7. Legislative/Initiative/Court Decision Issues Not Discussed Above

None

8. New Business

None

9. Public Comments

None

The next meeting will be June 23, 2021 at 12:30 PM.

The meeting adjourned at 1:57 PM.

ACTION OF
SOLANO COUNTY WATER AGENCY

DATE: July 8, 2021
SUBJECT: Cache Slough Complex Water Quality, Productivity and Fisheries Study

RECOMMENDATION:
Authorize General Manager to execute 3-year, \$1,635,000 contract with UC Davis for continuation of Cache Slough Complex Water Quality, Productivity and Fisheries Study.

FINANCIAL IMPACT:
FY 2021-2022 \$ 525,000
FY 2022-2023 \$ 545,000
FY 2023-2024 \$ 565,000

Sufficient funding has been included in the FY 2021-2022 State Water Project budget for the first year of the proposed study. If the study is approved, sufficient funding will be programmed into the Water Agency budgets for FY 2022-2023 and FY 2023-2024, respectively.

BACKGROUND:
Why is the Cache Slough Complex important to the Water Agency?
The Cache Slough Complex (CSC); located at the downstream end of the Yolo Bypass, in Solano County, is widely perceived by State and Federal resource agencies as an ideal setting for large scale habitat conservation and restoration. By virtue of its location and in view of the State and Federal interest in habitat conservation and restoration, the CSC and more specifically, what becomes of the CSC, is critically important to the Water Agency and the County’s water supply future.

The North Bay Aqueduct intake is located in the CSC and water released from the Solano Project to Lower Putah Creek flows into the Yolo Bypass and ultimately through the CSC. Similarly, the City of Vallejo’s “Vallejo Permit Water”, a significant water source for not only Vallejo and at times Fairfield and Benicia, but also American Canyon in Napa County, is obtained from the CSC. The CSC also includes the southern portion of the Solano groundwater sub-basin, and nearly all of the CSC is located within the service area of the North Delta Water Agency. Simply stated, **most of Solano County’s urban and agricultural water supply is in some way connected to the CSC – either as the source or as a conduit.**

Recommended: _____
Roland Sanford, General Manager

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

I, Roland Sanford, General Manager and Secretary to the Solano County Water Agency, do hereby certify that the foregoing action was regularly introduced, passed, and adopted by said Board of Directors at a regular meeting thereof held on July 8, 2021 by the following vote:

Ayes:
Noes:
Abstain:
Absent:

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

Page 2

In addition to water supply, the Water Agency's interest in the CSC also extends to flood control and most notably, operation and maintenance of the Ulatis Flood Control Project. The Ulatis Flood Control Project, portions of which are located in and near the City of Vacaville, ultimately drains to the CSC. In addition to its flood control function, the Ulatis Flood Control Project is used to capture and reuse agricultural irrigation return flow water, and serves as a receiving water body for the City of Vacaville's treated wastewater.

Much has been said about the potential conflict between the operation of the NBA intake at Barker Slough, within the CSC, and ongoing habitat conservation and restoration efforts. How the Solano Project and other surface water supplies, management of the Solano groundwater sub-basin, and/or operation and maintenance of the Ulatis Flood Control Project potentially impact the ecology of the CSC – for better or worse - is not well documented and largely unknown.

What is the purpose of this study and what will the information be used for?

This study is part of a larger, long-term objective of the Water Agency: to become well informed and a recognized authority on the physical and biological characteristics of the CSC. Ultimately, it is anticipated that the information obtained from this and other in-house or Water Agency sponsored studies will allow for more informed policy decisions by the Water Agency vis-à-vis the Solano Project, North Bay Aqueduct, and Ulatis Flood Control Project.

Specifically, it is anticipated that the information obtained from this study will among other things, help address the following questions:

- a) Could the North Bay Aqueduct Alternate Intake Project be reformulated to provide additional environmental benefits within the CSC, thereby possibly justifying State and Federal investments beyond traditional infrastructure funding sources?
- b) If pursuant to the ongoing Bay-Delta Plan update, the Solano Project is ultimately obligated to release additional water for the environmental purposes in the Yolo Bypass and CSC, what can be done to achieve those environmental benefits with maximum efficiency and effectiveness?
- c) How does current operation of the Ulatis Flood Control Project impact the physical and biological characteristics of the CSC and what can be done to preserve if not enhance current uses and at the same time amplify environmental benefits to the CSC?
- d) What actions can be taken at the Water Agency's Petersen Ranch to maximize habitat mitigation credits while preserving ongoing agricultural operations?

Additional information regarding the proposed study scope of work is attached.

Why UC Davis?

Given the aforementioned intended uses of the information, it is critically important that the data derived from the proposed study be credible in the eyes of the scientific community and perhaps more importantly, State and Federal resource agencies. The UC Davis Center for Watershed Sciences and Dr. John Durand, the principal investigator of the proposed study, more than satisfy that requirement. Dr. Durand and his graduate students have conducted a number of the studies – and published scientific papers pertaining to - the ecology of the CSC and surrounding area. Dr. Durand's knowledge of the CSC and the fact that UC Davis, along with the university's water quality laboratory and field equipment, are near the CSC is a significant asset.

Staff considered contracting with private-sector firms to conduct the study, and while there are capable firms, none can match the qualifications the UC Davis Center for Watershed Sciences has with respect to the CSC. Furthermore, the UC Davis' net costs to conduct the study, while substantial, are still very reasonable in comparison to private sector firms – actually cheaper than most private sector firms – due to the availability of graduate students for labor intensive field tasks.

Study oversight and conduct

Water Agency staff will be working closely with their UC Davis counterparts, as there are certain elements of the proposed study that interface with ongoing Water Agency streamflow/quality monitoring efforts in and near the CSC. Pursuant to the proposed contract, the study may be terminated by either party at any time, without cause, upon written notification to the other party. Given the importance of the study, staff anticipates making quarterly briefings to the SCWA Advisory Commission and the SCWA Board on the status of work completed and findings to date. As discussed earlier, funding for the first year of this study has been programed into the Water Agency's FY 2021-2022 budget. Funding for the successive years of the study will continue to be at the discretion of the SCWA Board.

RELEVANCE TO 2016-2025 SCWA STRATEGIC PLAN

The Cache Slough Complex Water Quality, Productivity and Fisheries Study is consistent with Goals #1 (Water Supply Management), #2 (Water Management Infrastructure), #4 (Water Resource Resiliency), and #7 (Natural Resources Stewardship) of the 2016-2025 Strategic Plan.

SOLANO COUNTY WATER AGENCY

AGREEMENT FOR PROFESSIONAL SERVICES

THIS AGREEMENT, **effective July 1, 2021** 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 THE REGENTS OF THE UNIVERSITY OF CALIFORNIA, hereinafter referred to as “Contractor.”

The Agency requires services for the **Cache Slough Water Quality, Productivity and Fisheries Study**; 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 evaluating the **Cache Slough Water Quality, Productivity and Fisheries Study**, 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: Percentage of effort for personnel plus any allowed reimbursable expenses based on costs incurred as indicated on any allowed reimbursable expense in Exhibit B **not to Exceed \$1,635,000** 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 quarterly in arrears for fees and allowed expenses incurred the prior month, up to the maximum amount provided for in paragraph 2 of this agreement.

4. TIME OF PERFORMANCE

This Agreement shall become effective as of **July 1, 2021** and continue until **June 30, 2024** as directed by the Agency.

5. WARRANTY

Except as provided herein, the University makes no warranty respecting the accuracy of data or materials furnished hereunder nor the results to be obtained from using such data or materials for intended purpose or any other purpose. University liability shall be limited to the amount of this order. The Agency has relied upon the ability and training of the

Contractor as a material inducement to enter into this Agreement. The Contractor hereby represents that all of its work will be performed in accordance with the requirements of applicable federal, state and local laws, it being understood that acceptance of the Contractor's work by Agency shall not operate as a waiver or release.

6. 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.

Any change in the scope of the 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 parties at any time, without cause, upon written notification to the other.

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

7. PERMITS

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.

8. MUTUAL INDEMNIFICATION

THE REGENTS OF THE UNIVERSITY OF CALIFORNIA shall defend, indemnify and hold harmless SOLANO COUNTY WATER AGENCY, its agencies, officers, employees, and agents from and against any and all liability, loss, expense, attorneys' fees or claims for injury or damages arising from the performance of this agreement, but only in proportion to and to the extent such liability, loss, expense, attorneys' fees or claims for injury or damages are caused by or result from the negligence or intentional acts or omissions of THE REGENTS OF THE UNIVERSITY OF CALIFORNIA, its agencies, officers, employees and agent.

SOLANO COUNTY WATER AGENCY shall defend, indemnify and hold harmless THE REGENTS OF THE UNIVERSITY OF CALIFORNIA, its agencies, officers, employees and agents, from and against any and all liability, loss, expense, attorneys' fees or claims for injury or damages arising from the performance of this agreement, but only in proportion to and to the extent such liability, loss, expense, attorneys' fees or claims for injury or damages are caused by or result from the negligence or intentional acts or

omissions of SOLANO COUNTY WATER AGENCY, its agencies, officers, employees and agent.

9. 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 subcontractors 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, 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. The general liability coverage shall give the Agency, its directors, officers, employees, and authorized volunteers insured status using ISO endorsement CG2010, CG2033, or equivalent. 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 (subcontractors) as part of the work covered by this agreement, it shall be the Contractor's responsibility to require and confirm that each subcontractor 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.

10. COMPLIANCE WITH LAW

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.

11. SUBCONTRACT AND ASSIGNMENT

This Agreement binds the officers, employees and agents 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.

12. NONRENEWAL

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.

13. 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

Ahmad Hakim-Elahi, Executive Director
Office of Research, Sponsored Programs
University of California
1850 Research Park Drive, Suite 300
Davis, CA 95618

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

University of California

By: _____
Roland Sanford
General Manager

By: _____
Ahmad Hakim-Elahi
Executive Director

FOR SCWA USE ONLY

Contract Period: 7/1/2021 to 6/30/2024
File Number: AG-U-1
Account Manager: Alex Rabidoux
G/L Account #: 6165N
Job Cost #: 6116
Contract Type: Professional Services

EXHIBIT A – SCOPE OF WORK

OVERVIEW

The North Delta is the principal remaining habitat for native fishes in the upper San Francisco Estuary. Suisun Marsh, Cache Slough, Lindsey Slough, Liberty Island, the Yolo Bypass, and the Deep Water Shipping Channel form an arc of fresh and brackish habitats that offer the highest potential for tidal restoration projects.

The North Delta Arc and Water Quality Study was started in 2012 to describe the Cache-Lindsey Slough Complex (CLC) and its response to changes in environmental conditions. During the course of the study, the region has been subject to drought, record water flows, experimental water releases, and tidal restoration projects. The study has tracked water quality, nutrients, food-web dynamics, and fish populations in the CLC. Maintaining this time series offers an opportunity to understand basic estuarine ecosystem function, the effect of climate change and sea-level rise, and the influence of tidal restoration actions. It also serves as a platform from which to mount targeted experimental approaches that answer nuanced questions about the function of restoration, flows, and other changes to the system.

Our research at UC Davis Center for Watershed Sciences (CWS) suggests differences in function between Cache and Lindsey sloughs that we suspect result from water inputs and withdrawals. To understand the effects more completely, we are proposing experimental studies of water quality that would complement and extend the ongoing time series that has been conducted here.

OBJECTIVES

1. Use Cache and Lindsey Slough complexes as a comparative experimental system to understand how variability in physical structure, management, water quality, and food-web production supports fish abundance and community composition in the Delta.
2. Understand the effect of flow pulses from up-slough sources (e.g., overland flow, agriculture returns, and Ulati Creek) on the longitudinal distribution of water-quality conditions and the pelagic food web.
3. Understand and monitor new tidal wetland restoration projects as they are completed.
4. Understand impacts of drought, flood and climate change on the environment and water management needs and practices.
5. Recommend actions to support successful restoration outcomes for food webs and desirable fishes.
6. Recommend actions to manage invasive plants and animals.
7. Recommend flow regimes and water management practices that would optimize water-quality conditions for consumptive use and environmental restoration.

SUPPORT TEAM

3 Students, 1 Specialist

TASK 1 – CONTINUATION OF LONG-TERM CLC MONITORING STUDY

Objective: Examine the effects of water management and climate change in north Delta, in order to offer new environmental management strategies and reduce stakeholder conflicts.

Question: How has the fish community changed over time, especially across drought and flood, through aquatic weed invasions, and through wetland restoration projects?

Hypothesis: The CLC is transforming into an undesirable state for native species as a function of warming temperatures and invasives. Restoration provides buffers at the margins under certain circumstances.

Scope:

- a. Water quality grab samples
- b. Eliminate water quality transects unless needed for high spatial or temporal resolution
- c. Scale back trawling and scale up e-fishing for more flexibility
- d. Collect zooplankton samples only as part of special studies
- e. Logistics:
 - Time frame: 12 months for 3 years
 - Equipment: Van | Workskiff or Big Stunna
 - Staffing: 3 students + 1 specialist

TASK 2 – ZOOPLANKTON DYNAMICS IN CLC

Objective: To understand how food webs are affected by fundamental environmental parameters that can be controlled: water flow, nutrient inputs, and restoration.

Question: How does the zooplankton community vary in composition and density across climate cycles, hydrology and slough geomorphology? Do restored habitats support zooplankton production and dispersal?

Hypothesis: Zooplankton are most abundant above tidal excursions, at slough termini or near water inputs. Restorations vary, depending upon size and design.

Scope:

- a. Zooplankton collection
- b. Zooplankton analysis (collected samples)
- c. Data analysis and writing
- d. Logistics:
 - Time frame: 12 months for 1-3 years
 - Equipment: Van | Workskiff or Big Stunna
 - Staffing: 1 student + support

TASK 3 – ULATIS CREEK FALL/SPRING FLOW PULSE

Objective: To better understand the effect of managed flow pulses in tidal sloughs on aquatic food webs and organisms.

Question: Can a pulse of water in late fall (after irrigation season and once the Ulati flashboards are pulled) or in early spring stimulate an important pulse of nutrients, stimulating the food web?

Hypothesis: Small-scale pulses are likely to stimulate the aquatic food web, but with some risk to stimulating aquatic weed growth, and indirectly subsidizing introduced fishes.

Scope:

- a. Water quality, zooplankton grabs
- b. WQ transects
- c. Data analysis and writing
- c. Logistics:
 - Time frame: October/March - 1 month for 2 years
 - Equipment: Van | Workskiff or Big Stunna | YSI Exo Sonde
 - Staffing: 1 student + support

TASK 4 – PETERSON RANCH, BIG DITCH & IRRIGATION CANALS

Objective: To understand how novel environments in working landscapes offer habitat and food for aquatic organisms.

Question: What kind of habitat for fishes exists outside of the sloughs in working lands?

Hypothesis: Fish assemblages are likely a function of pond temperatures, with cooler, groundwater-filled ponds more conducive to natives.

Scope:

- a. Water quality grabs
- b. Fish sampling
- c. Zooplankton sampling
- d. Data analysis and writing
- e. Logistics:
 - Time frame: 4+ times per year, more frequently at releases
 - Equipment: Truck | Backpack e-fisher | Workskiff | YSI Exo Sonde
 - Staffing: 1 student + support

Proposed Budget:

	2021-22	2022-23	2023-24	Totals
Personnel	\$ 311,000	\$ 325,000	\$ 340,000	\$ 976,000
Supplies	\$ 40,000	\$ 41,000	\$ 40,000	\$ 121,000
Overhead (57%)	\$ 174,000	\$ 179,000	\$ 185,000	\$ 538,000
Totals	\$ 525,000	\$ 545,000	\$ 565,000	\$1,635,000

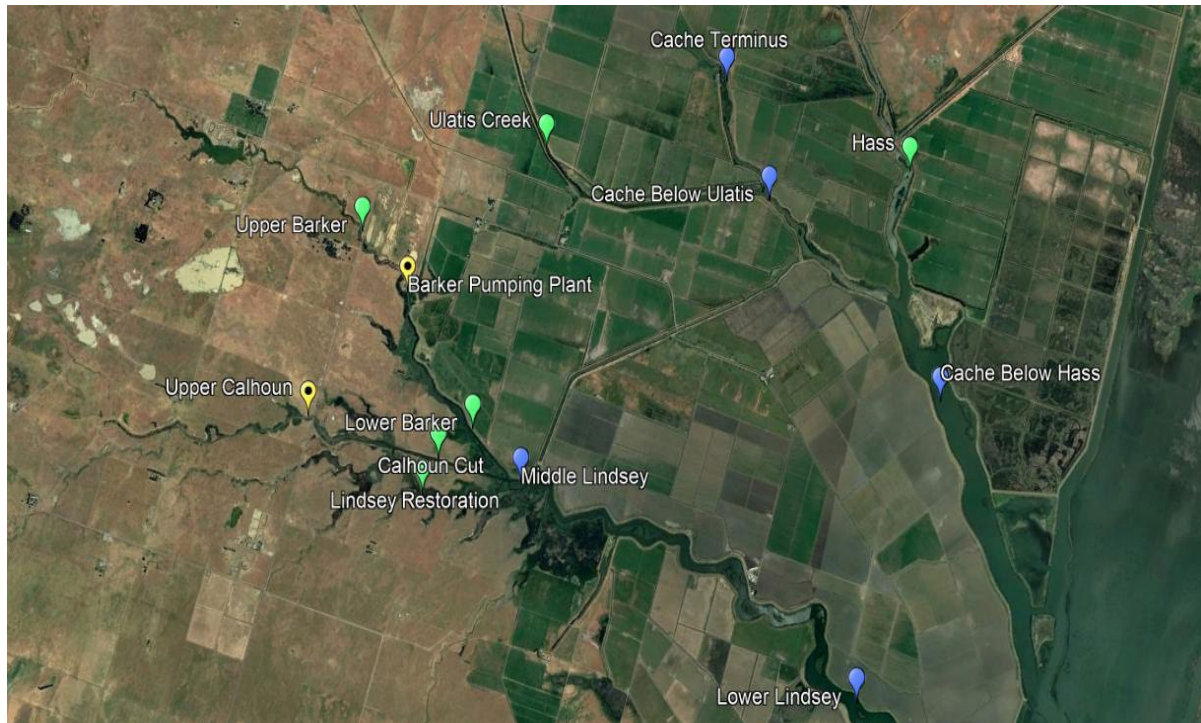


Figure 1. Proposed WQ monitoring stations.

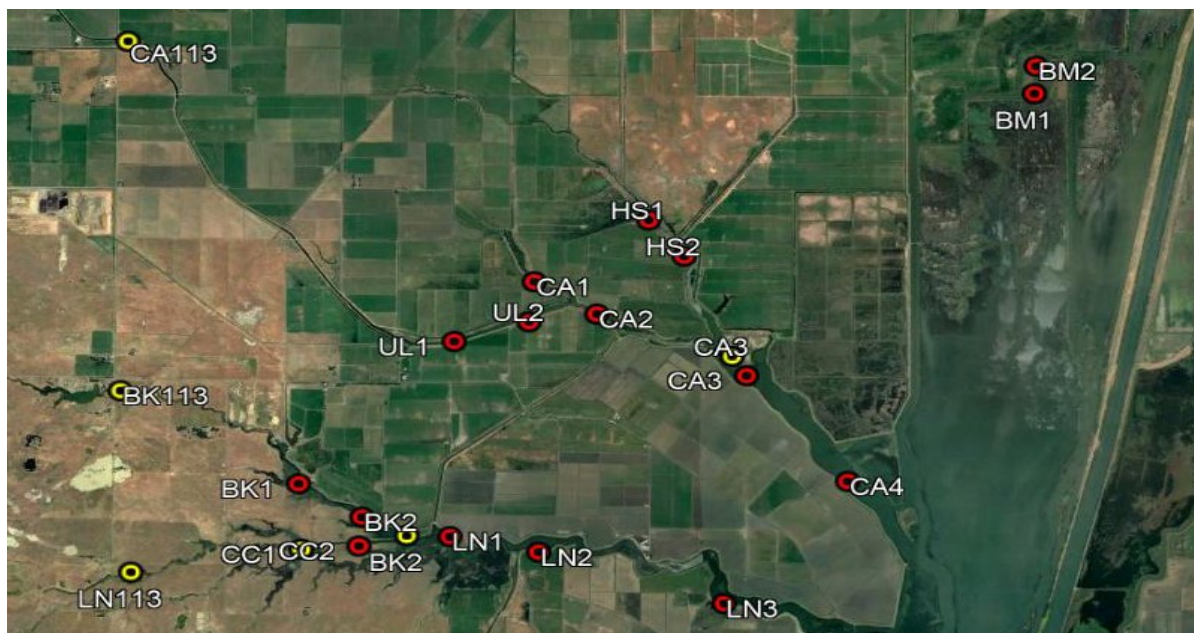


Figure 2. Proposed fish sampling stations in the Cache Lindsey Complex. Most of the stations have been sampled monthly since 2012.

DELIVERABLES

1. Annual Reports
2. Final Report
3. Three peer-reviewed papers
4. Presentation of findings to SCWA and regional conferences
5. Consultations to local stakeholders and SCWA about regional management and restoration practices

SCHEDULE

2021-2024

- Monthly: CLC fish and WQ grabs
- Monthly to Seasonal: CLC Zooplankton collection
- Sept-Oct / Feb-Mar: Flow modification experiments on Ulati Creek
- Quarterly: Seasonal fish and WQ sampling at Big Ditch, Peterson Ranch, or other important working landscapes
- August (when applicable): Delta Smelt Resiliency Strategy fall pulse flow release down the Toe Drain

EXHIBIT B

Proposed Budget:

	2021-22	2022-23	2023-24	Totals
Personnel	\$ 311,000	\$ 325,000	\$ 340,000	\$ 976,000
Supplies	\$ 40,000	\$ 41,000	\$ 40,000	\$ 121,000
Overhead (57%)	\$ 174,000	\$ 179,000	\$ 185,000	\$ 538,000
Totals	\$ 525,000	\$ 545,000	\$ 565,000	\$1,635,000

ACTION OF
SOLANO COUNTY WATER AGENCY

DATE: July 8, 2021
SUBJECT: Drought Update

RECOMMENDATIONS:


Hear report and provide direction to staff.

FINANCIAL IMPACT:

None.

BACKGROUND:

California is experiencing severe drought conditions for the second consecutive year – the second most severe two-year drought in over 100 years. Water deliveries from the State’s two largest water sources; the State Water Project, and the U.S. Bureau of Reclamation’s Central Valley Project have been curtailed if not eliminated entirely, necessitating agricultural land fallowing and/or mandatory water conservation in many regions of the state. All things considered, Solano County’s current water supply situation is reasonably good due in no small part to previous investments, most notably construction of the Solano Project in the late 1950’s. As a part of the drought update, staff will discuss the nature and scope of ongoing water conservation activities.

Recommended: 
Roland Sanford, General Manager

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

I, Roland Sanford, General Manager and Secretary to the Solano County Water Agency, do hereby certify that the foregoing action was regularly introduced, passed, and adopted by said Board of Directors at a regular meeting thereof held on July 8, 2021 by the following vote:

Ayes:

Noes:

Abstain:

Absent:

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

ACTION OF
SOLANO COUNTY WATER AGENCY

DATE: July 8, 2021
SUBJECT: Water Exchange/Transfer Policy

RECOMMENDATIONS: Adopt Water Exchange/Transfer Policy proposed by Water Policy Committee

FINANCIAL IMPACT: None

BACKGROUND:

The Water Policy Committee, with the assistance of meeting facilitator Ms. Jodie Monaghan, has drafted the attached Water Exchange/Transfer Policy (Version 7, dated 06-30-21). The policy applies to water exchanges and transfers involving the Solano Project and State Water Project (aka NBA) water supplies. The overriding principles of the policy are:

- No harm/Solano County first.
- Any transfer or exchange must be consistent with SCWA’s master water supply contracts with the California Department of Water Resources (NBA water supply) and United States Bureau of Reclamation (Solano Project water supply).
- Any transfer or exchange not covered by the policy will be addressed by SCWA on a case-by-case basis.
- Preexisting contracts and on-going serve obligations are “grandfathered” into the policy.

The policy is a “living document” in the sense that it includes a provision for annual reviews, and if deemed necessary, updates and revisions.

Recommended: _____
Roland Sanford, General Manager

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

I, Roland Sanford, General Manager and Secretary to the Solano County Water Agency, do hereby certify that the foregoing action was regularly introduced, passed, and adopted by said Board of Directors at a regular meeting thereof held on July 8, 2021 by the following vote:

Ayes:

Noes:

Abstain:

Absent:

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

In-county water exchanges and transfers involving Solano Project and NBA water supplies have occurred on a routine basis for many years, while to date out-of-county water exchanges and transfers have been rare. For a variety of reasons, out-of-county water exchanges involving NBA water supplies are likely to increase in subsequent years and become part of an overall strategy for optimizing the NBA water supply. The ability for out-of-county water exchanges involving NBA water supplies was recently enhanced – at least among State Water Project contractors – with the adoption of the Water Management Tools, an agreement between the California Department of Water Resources and the various State Water Project water users. Due to water right constraints, out-of-county exchanges and transfers involving Solano Project water supplies are unlikely, except under extenuating circumstances. The proposed policy essentially memorializes existing practices with regard to in-county exchanges and transfers, and defines the necessary protocols for conducting out-of-county exchanges and transfers.



DRAFT
SOLANO COUNTY WATER AGENCY
WATER TRANSFER AND EXCHANGE POLICY

Ver. 7 (06-30-21)

This draft policy has been developed by the Solano County Water Agency (SCWA) Water Policy Committee for consideration by the SCWA Board of Directors. This policy only applies to Solano Project water and State Water Project (SWP) water (aka NBA water). It is not intended impinge on individual member agency's water rights.

Introduction

SCWA is a wholesale water supply agency providing untreated water to cities and agricultural districts in Solano County from the Federal Solano Project and the North Bay Aqueduct of the State Water Project. SCWA represents local agencies involved in water and flood management. The Agency is governed by the Board of Directors composed of the five members of the Solano County Board of Supervisors, the seven mayors of the cities in Solano County, and a director from each of the three agricultural districts that provide retail agricultural water.

Member agencies include:

- City of Benicia
- City of Dixon
- City of Fairfield
- City of Rio Vista
- City of Suisun City
- City of Vacaville
- City of Vallejo
- Maine Prairie Water District
- Reclamation District 2068
- Solano County
- Solano Irrigation District

Purpose and Intent

SCWA supports sustainable water management of the agency's State Water Project and Federal Solano Project allocations, while providing flexibility to the Agency's members. Water purveyors in Solano County have a long history of working together in collaboration with SCWA.

The purpose of this policy is to formalize SCWA water transfer and exchanges while protecting primary water sources. The policy is intended to address issues in the future including:

- Population growth
- Drought
- Sustainability
- Resiliency
- Recycled water
- Tail water
- Groundwater
- Regional integration
- Environmental water quality
- Fire protection
- More effective movement of water within the county and beyond
- Substituting new water opportunities/sources for NBA transferable water

The overriding principles of this policy are:

- No Harm/Solano County First.
- Any transfer or exchange must be consistent with the SCWA Master Contract with DWR and the SCWA Master Contract with the Bureau of Reclamation.
- Any transfers or exchanges not covered by this policy are not necessarily prohibited but will be addressed by SCWA on case-by-case basis.
- Any existing contracts and on-going service obligations are grandfathered into this policy.

Definitions

- **Exchange:** Trading water. As an example, one entity might trade NBA water for Solano Project water. An agreed-on amount of water is returned to the seller.
- **Harm:** [Board to define here]
- **In-County Exchanges:** Water exchanges between SCWA member(s) and other Solano Project members for use within the County.
- **Out-of-County Exchanges:** Water exchanges from individual SCWA member(s) to water agencies outside SCWA's jurisdiction.
- **Place of Use:** Geographical area that Solano Project water can be transferred or exchanged within. Place of Use is limited to Solano County (except Montezuma Hills), UC Davis and a small part of Yolo County as authorized by the State Water Board.
- **Transfer:** An action where water is delivered to the buyer in exchange for a mutually agreed price.

- **In-County Transfers:** Water transfers between SCWA member(s) and other Solano Project members for use within the County.
- **Out-of-County Transfers:** Water transfers from individual SCWA member(s) to water agencies outside SCWA's jurisdiction.
- **Solano Project Water:** The Solano Project is a federal project that stores water in Lake Berryessa for delivery to users within the Place of Use. SCWA holds, as executors, long-term master water supply contracts with U.S. Bureau of Reclamation (USBR). Solano Project water cannot be transferred or exchanged outside its "Place of Use."
- **State Water Project (SWP) (aka NBA Water) "Table A" water.** Table A water is the only supply in SCWA's water supply portfolio that is eligible for transfers and exchanges outside of SCWA's service area. SWP "Table A" water is the annual NBA water supply provided by SCWA's Long-term State Master Contract for SWP water supply which SCWA members have an allocated portion of. The SWP contract allows for transfers and exchanges to recover some capitalized and/or operational investment costs. Exchanges and transfers out-of-county can only be negotiated with another SWP Contractor for use within the SWP service area, or the collective service areas of all 29 State Water Contractors. DWR approval is required for all out-of-county transfers and exchanges. The SWP Contract transfer and exchange rules are strict and carefully applied by DWR to scrutinize all SWP transfers and exchanges.
- **North Bay Aqueduct:** A component of the State Water Project that serves portions of Solano and Napa counties.
- **Transferrable/Exchangeable Water:** Water determined by individual member agencies to be available for exchange or transfer.

Scope

Only transferrable/exchangeable water, as determined by individual SCWA member agencies, is subject to this Water Transfer and Exchange Policy.

Potential sources of water available for transfer or exchange include:

- State Water Project conveyed through the North Bay Aqueduct (Table A water)
- Solano Project

Policy Consistency

This policy will be consistent with any Groundwater Sustainability Plans, Urban and Agricultural Water Management Plans, and the cities and County General Plans. The policy is also linked to SCWA's 2016-2025 Strategic Plan and will not impair any existing contracts relating to water exchanges/transfers.

Policy

SCWA member agencies negotiate water transfers and exchanges with willing sellers and will advise SCWA and other member agencies through the Solano Water Advisory Committee (SWAC) of any water needs or availability of transferrable/exchangeable water when known.

In-County Priority: Member agencies should be encouraged to seek water transfers and exchanges serving in-county needs before serving out-of-county needs. Water deemed to be available for a transfer or exchange by any SCWA member agency should first be offered to other SCWA member agencies at mutually agreeable terms. If agreement cannot be reached within the timeframe set by the offering member agency, the member may pursue other buyers.

Out-of-County Transfer and Exchanges:

If no SCWA member agencies commit to purchasing the transferrable/exchangeable water supply by the deadline set by the offering member agency, member agencies may request SCWA to offer the transferrable/exchangeable water to out-of-county State Water Project (SWP) contractors at prevailing market prices. Notifying SCWA by April 1st, or when known, will give SCWA adequate time to negotiate the transfer/exchange.

Transfer/Exchange Procedures

1. **In-County Transfer and Exchange** procedure includes:
 - a. Individual SCWA member agencies determine if they have transferrable/exchangeable water available.
 - b. Individual agencies with transferrable/exchangeable water negotiate mutually agreeable terms with receiving member agencies.
 - c. SCWA must be notified of any transfers/exchanges. SCWA will determine:
 - (i) Verification of water rights
 - (ii) Conveyance capacity
 - (iii) Consistency with DWR and USBR Master Contracts
 - (iv) Environmental review (CEQA)
 - (v) Any other requirements that may be added in the future.
 - d. The SCWA Board must approve any transfers or exchanges requiring CEQA.
 - e. SCWA will perform all administrative and bookkeeping functions.

2. Out-of-County Transfer and Exchanges:

If no SCWA member agencies commit to purchasing the transferrable/exchangeable water by the deadline set by the offering member agency, member agencies may request SCWA to offer the transferrable/exchangeable water to out-of-county State Water Project (SWP) contractors at prevailing market prices. Notifying SCWA by April 1st, or when known, will give SCWA adequate time to negotiate the transfer/exchange.

Out-of-County transfer and exchange procedures include:

- a. Timeline
 - (i) All out-of-county transfer and/or exchanges should be submitted to SCWA ideally by April 1st of any given year, or when known.
 - (ii) The offering member agency will respond to a request to purchase and/or SCWA will seek buyers and SCWA will negotiate the terms of the transfer and/or exchange in consultation with the member agency offering the transferrable/exchangeable water. The terms will minimize the risk to the selling agency and SCWA.
- b. Terms for multi-year transfers must include a provision for the SCWA member agency to confirm availability and the ability to deliver water on an annual basis. This allows for suspending the contract to meet local needs or prioritize transfers or exchanges to SCWA members for any single year.
- c. SCWA will determine:
 - (i) Verification of water rights
 - (ii) Compliance with the DWR Master Contract
 - (iii) Compliance with the Bay-Delta Water Quality Control Plan
 - (iv) Consistent with HCP/NCCP
 - (v) Meets CEQA
 - (vi) Does not create a water quality problem for another SCWA member agency.
- d. SCWA will obtain DWR approval.
- e. SCWA will seek SCWA Board approval. If the timing requires quicker action than monthly Board meetings, the General Manager will recommend a Special Meeting.
- f. SCWA will facilitate the transfers through DWR.

COSTS

Any State or third-party charges or fees related to transfers and exchanges within the

County or to water contractors outside the County shall be payable by the receiving agency. SCWA staff time to assist with the transfer or exchange shall not be charged to the transferring agency.

Responsibilities

1. **Responsibility of SCWA General Manager:** Discretion is delegated to the General Manager by the SCWA Board to:
 - a. Notify SWAC members when transferrable/exchangeable water is available.
 - b. Follow all transfer and exchange policies and procedures.
2. **Responsibility of SCWA Water Policy Committee:** The Water Policy Committee shall:
 - a. Annually review this policy to determine if it effectively meets the needs of member agencies. The Committee may propose amendments to this policy, for consideration by the full Board, to address inefficiencies and changing conditions. The Committee will coordinate with the SWAC before proposed changes are brought before the full Board.
 - b. The Water Policy Committee should have diverse representation of Municipal and Industrial (M&I), ag, and County interests.

Protection of SCWA and member agencies

All transfer and exchange agreements shall include appropriate “hold harmless” language to protect SCWA, member agencies, their officers, and staff from non-performance and/or negligence by the entity receiving the transferred or exchanged water.

Effective Term of Policy

The terms and provisions of this policy shall remain in full force and effect until amended by the SCWA Water Policy Committee and approved by the SCWA Board.

Glossary:

Acre-foot	One acre-foot equals about 326,000 gallons, or enough water to cover an acre of land (about the size of a football field) one foot deep. An average California household uses between one-half and one acre-foot of water per year for indoor and outdoor use.
CEQA	California Environmental Quality Act - a California statute passed in 1970, shortly after the United States federal government passed the National Environmental Policy Act (NEPA), to institute a statewide policy of environmental protection. CEQA does not directly regulate land uses, but instead requires state and local agencies within California to follow a protocol of analysis and public disclosure of environmental impacts of proposed projects and, in a departure from NEPA, adopt all feasible measures to mitigate those impacts. CEQA makes environmental protection a mandatory part of every California state and local (public) agency's decision-making process.
DWR	California Department of Water Resources
HCP/NCCP	A Habitat Conservation Plan (HCP) is a document that meets federal Endangered Species Act (ESA) requirements and enables local agencies to allow projects and activities to occur in endangered species' habitats. In exchange, those projects and activities must incorporate HCP-prescribed measures to avoid, minimize, or compensate for adverse effects on natural communities and endangered species. A Natural Community Conservation Plan (NCCP) is the State counterpart to the federal HCP.
Master Contracts	SCWA holds a two long-term water supply contracts. They include: <ul style="list-style-type: none">• Federal contract with the Bureau of Reclamation for Solano Project water. Includes Ag and M&I deliveries.• State contract with DWR for State Water Project water. Includes M&I deliveries only.
NBA	North Bay Aqueduct. The NBA is part of the State Water Project (SWP). The NBA is an underground pipeline that conveys SWP water to Solano and Napa counties. SCWA has service contracts for NBA water with Vacaville, Fairfield, Suisun City, Vallejo, and

Benicia. The Cities of Dixon and Rio Vista have the potential to execute future contracts for NBA water.

Solano Project

The Solano Project (SP) is a federal project of the Bureau of Reclamation that stores water in Lake Berryessa for delivery to users throughout the region.

**Exchangeable/
Transferrable
Water**

Water determined by individual SCWA member agencies to be available for exchange or transfer. Potential sources of exchangeable/transferrable water include:

- State Water Project conveyed through the North Bay Aqueduct
- Solano Project: Solano Project water cannot be sent outside of SCWA's Place of Use. Place of Use includes Solano County except Montezuma Hills, UC Davis, and a small part of Yolo County.

SWP

State Water Project. The SWP, operated by the State of California, Department of Water Resources, is a water storage and delivery system of reservoirs, aqueducts, power plants and pumping plants extending more than 700 miles—two-thirds the length of California. The SWP provides water to Solano County through the North Bay Aqueduct.

Table A Water

Table-A" water is the SWP water provided to SCWA under the DWR Master Contract. SCWA has a maximum annual allocation of Table-A water of 47,756 Acre-feet per year. The actual annual allocation of Table-A water from DWR can vary from 0% up to 100% of the maximum Table-A, depending hydrology and factors such as reservoir storage.

**Bay-Delta Water
Quality Control
Plan**

A policy document adopted by the State Water Resources Control Board that establishes water quality control measures and flow requirements needed to provide reasonable protection of beneficial uses in the San Francisco Bay/Sacramento-San Joaquin Delta estuary.

Water Exchanges Water Exchanges include:

- Water exchanged between willing sellers and willing buyers within Solano County.
- Water exchanged between willing SCWA member agencies and willing buyers outside of Solano County.

Water Transfers Water Transfers include:

- Water sold between willing sellers and willing buyers within Solano County.
- Water sold between willing SCWA member agencies and willing buyers outside of Solano County.

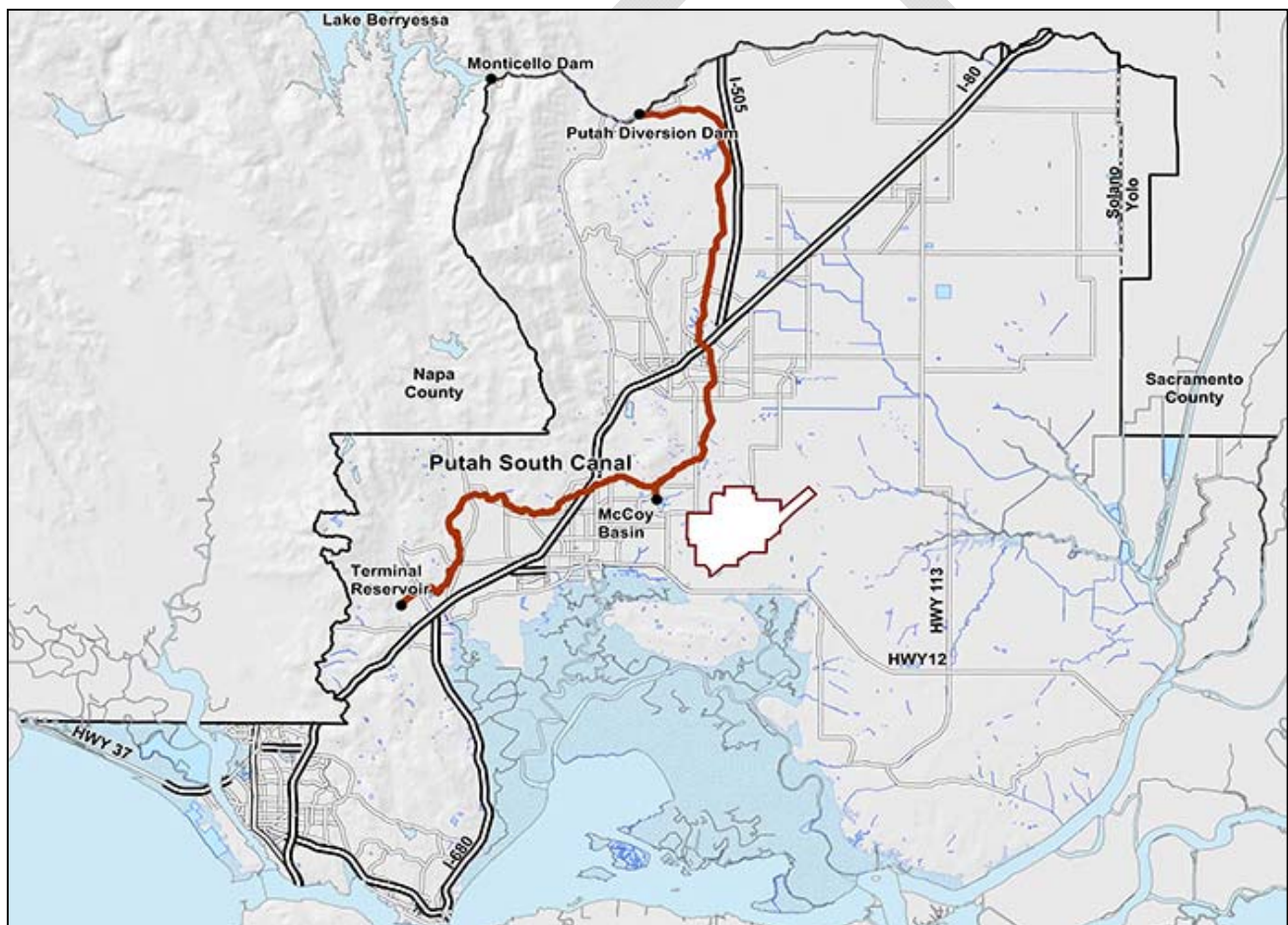
DRAFT

The North Bay Aqueduct (NBA) is part of the State Water Project and provides 40% of the municipal water supply to over 400,000 people in cities in Solano and Napa Counties. The NBA consists of a pump station in the Cache Slough area in the Delta and a 28-mile underground pipeline that delivers water to city water treatment plants, intermediate pump stations and ancillary facilities.

Solano Project

The Solano Project is a federal project of the Bureau of Reclamation that stores water in Lake Berryessa for delivery to users throughout the region and is sized to meet only the projected water needs of Solano County. Congressional authorization was granted for the construction of the Solano Project and the first water was delivered in 1959. The total construction cost for the Solano Project was \$38 million. For a more detailed history of the Solano Project, see the book by the Solano Irrigation District entitled "The Solano Water Story: A History of the Solano Irrigation District and the Solano Project."

Monticello Dam was constructed from 1953 to 1957 and has a height of 304 feet and a crest length of 1023 feet. The dam is able to hold a capacity of 1.602 million acre-feet of water.



WATER POLICY UPDATES

North Bay Watershed Association

Board of Directors Meeting - Draft Summary

June 4, 2021 | 9:30 – 11:30 a.m.

IN ACCORDANCE WITH THE GOVERNOR'S EXECUTIVE ORDERS N-25-20 AND N-29-20 WHICH SUSPENDS CERTAIN REQUIREMENTS OF THE BROWN ACT, THIS MEETING WILL BE HELD VIRTUALLY VIA REMOTE CONFERENCING SERVICE — NO PHYSICAL MEETING LOCATION

Zoom Meeting

www.nbwatershed.org

1. **Welcome and Call to Order—Directors or Member Representatives Present Included:**

Michael Boorstein – Central Marin Sanitation Agency	Elizabeth Patterson – Solano County Water Agency
Leon Garcia—City of American Canyon	Andy Rodgers – NBWA
Cory Bytof – City of San Rafael	Sabrina Marson – NBWA
Gustavo Goncalves – County of Marin	Ann Thomas
Chris Choo – County of Marin	Stephen Keese
Megan Clark – Las Gallinas Valley Sanitary District	Scott Dusterhoff - SFEI
Jack Gibson – Marin Municipal Water District	Cheryl Howlett - Marin Municipal Water District
Ryan Gregory – Napa Sanitation District	Minona Heaviland - SEC
Rick Fraites – North Marin Water District	Patti D'Angelo Juachon
Jean Mariani – Novato Sanitary District	Kate Powers
Pamela Meigs – Ross Valley Sanitation District	Susan Stompe - Marin Conservation League

Eleven NBWA board members attended the meeting comprised of 22 agency staff, stakeholders, partners, and interested members of the public.

Call to Order – Director Jack Gibson called the meeting to order at 9:32 am via Zoom.

2. **General Public Comment** - None.

3. **Agenda Review and Approve Past Meeting Minutes**– Director Gibson asked for any Board members to speak up if there were requested changes to the agenda.

Director Fraites moved to approve meeting summary. Director Patterson seconded. Unanimously approved.

Director Gregory moved to accept the Treasure's Report - Director Patterson seconded. Unanimously accepted.

4. **Treasurer's Report**

5. **Consider Proposed 2020/2021 NBWA Workplan and Budget**

Director Gibson noted that this item is a carryover from the last meeting where it was inadvertently overlooked for formal approval. There were no comments or questions.

Director Gregory moved to approve the Workplan and Budget - Director Patterson seconded. Unanimously accepted.

6. **Guest Presentation - Sediment for Survival: A Strategy for the Resilience of Bay Wetlands in the Lower San Francisco Estuary**

*Scott Dusterhoff, Senior Scientist & Lead Geomorphologist,
San Francisco Estuary Institute*

Scott provided an overview of the April 13, 2021 released SFEI report on the future of bayland sediment demand and sediment supply under a rising sea level, and management recommendations for supporting bayland resilience.

Funded by San Francisco Bay Water Quality Improvement Fund, EPA Region IX and the Regional Monitoring Program for Water Quality in San Francisco Bay

High-level reporting of findings included:

- Tidal Marsh Restoration
- Global Sea Level Change since 1800
- Key Sediment Questions covered in the report:
 - How much sediment is needed?
 - How much is available?
 - How can we get more?
- Scenarios Considered
- North Bay Baylands
 - Some baylands have a high resilience potential due to
 - High local watershed sediment supply
 - High organic matter accumulation rates in brackish marshes
 - Resilience potential increases with
 - Directing sediment onto baylands
 - Addition of outside sediment
- Integrated Watershed-Baylands Management

There are a lot of known issues regarding dredged/excavated sediment from reservoirs moved to the bay. There needs to be advances in technology for how to do this. There's a pilot project coming together in the east bay for Don Pedro reservoir looking at slurring reservoir sediment downstream. The conversation needs to be advancing efforts in the region.

Questions:

Gibson: (in regard to the map presented on the "Key Sediment Questions" page of the presentation) The tidal flat and the tidal marshes are voluminous the further you get from the mouth of the bay. is that scientifically the norm?

Dusterhoff : Yes, that is because in the central part of the bay the shoreline is steeper and there's more energy coming from this part. In the north and south ends other areas the gradient is much flatter.

Patterson: (Follow up question on the above comment) Suisun Bay is deeper than what is being shown. She thought there were more mud flats in the northern portion.

Dusterhoff: The white being shown is not upland (steep) it is diked muted tidal marsh. The water elevation is managed. It's white because it's not considered tidal marsh because its managed different from the other areas in green.

Clark: There are plans to frack in Suisun Bay. Are there updates?

Patterson: It's not fracking. It's reopening the existing deactivated wells.

Clark: Two questions: Mercury in the dredged material_ Will the mercury go back into the bay wherever its moved? The upland dirt from landfill, isn't it muted for average daily ground cover in the dump?

Dusterhoff: Yes, the dump needs the dirt for daily cover. How much of the recovered excavated dirt can be diverted to the bay? They would consider contamination and need for uses and disbursement.

As population grows, there's going to be more building and that has been factored in.

As far as mercury, the idea is that if it can be moved to someplace that can be contained, that is the plan.

Patterson: (she has three questions) 1) Army Corps has the jurisdiction for dredging the Vallejo-Napa River estuary, but they're not. The Vallejo marina is restricted for docking due to sediment. Is there any thought on making a business arrangement that benefits Vallejo? That is a good source of sediment.

2) HWY 37 plans, are you familiar? how would this work with sediment management?

3) The issues with the dam releases may have a conflict with getting water through the delta.

Dusterhoff: 1) Its true regarding the Army Corps. The decisions that are made is beyond his knowledge. He agrees that if it could be dredged the sediment would be in demand locally. 2) Hwy 37- one thing to think about is if they can build out the marshes, that will only protect the infrastructure in the long run. There will be a need for levy's and if marshes are put in, levy's would be smaller, better protected, and less costs in maintaining. (Patterson suggested CalTrans get a copy of the sediment report) 3) He hasn't heard much on her third question.

Gregory: He agrees that dredging is difficult and expensive. Is sediment going to be a big enough priority that dredge material becomes a resource and be a catalyst to getting more dredging done.

Dusterhoff: He has no knowledge on the decisions regarding what gets dredge or not. The Army Corps is in charge of most of the dredging in the bay area. they have to follow the federal standard of sediment disposal. They are trying to change that guidance.

The restoration community is concerned that sediment becoming a commodity. There's a conversation on what this means in the long run.

Choo: The biggest conflict is the storage and mobilization of all the sediment. IS SFEI looking into the timing and placement needs?

Dusterhoff: Yes. There are no big spaces to store around the Bay. What they're trying to do is find a way to get sediment to a place ready to take it. There are challenges to transportation. There are no examples of sediment being taken directly to marshes. There needs to be policy change to be able to implement new ideas. Now is the time to have discussion and movement on this topic.

Stompe: Hwy 37 the impact of the berm they are looking into building will have a huge effect on the marshes. SFEI is part of the group looking into the impacts. There would be great competition for sediment if the berm goes forward.

Dusterhoff: Yes, the conversation to have sediment seen as a public good and not as a commodity for the highest bidder.

Patterson: In order to use the sediment, they have to bore down through the bay mud and doing a soil mixing. The causeway is more cost effective.

7. Guest Presentations – Proposed Regional One Water Drought Strategy Funding Initiative

Andy Rodgers, Executive Director

Chris Choo, Principal Watershed Planner, Marin County Department of Public Works

Chris Choo and Andy Rodgers provided the Board with a brief conceptual overview plan to engage member agency staff through the Joint Technical Committee forum to identify, develop and position the region for mutually beneficial programs and projects funding.

- NBWA was established nearly 20 years ago to convene, work cooperatively, and craft regional approaches to managing our common watersheds.
- The Joint Technical Committee (JTC) is the project development and implementation arm of NBWA. Chris Choo, Deputy Director for NBWA and Principal Watershed Planner with Marin County, currently chairs the JTC.
- In 2020, NBWA developed an integrated water management approach (*One Water Strategy*) to address challenges of climate change such as seasonal and inter-annual water scarcity, extreme weather events/flooding, and impacted water quality and aquatic habitats.
- The *One Water Strategy* identified a common role/objective for NBWA to provide “regional leadership” as it relates to Convening diverse interests in a shared watershed context, Education, Funding, and addressing Regulatory concerns.
- The 2021 drought introduces unprecedented challenges for water management agencies and the many North Bay communities they serve.
- The NBWA JTC plans to convene member staff and partners to develop a Regional *One Water Drought Strategy Funding Initiative*

Andy and Chris presented a draft meeting #1 agenda for this key initiative. They are hoping to have management level partners at the meetings that can help plan and fund these projects.

NBWA Joint Technical Committee Meeting #1

Goals:

- Develop creative solutions to drought that integrate other One Water considerations.
- Prepare the North Bay for the next drought by prioritizing and implementing regional and sub-regional projects.
- Develop ideas for addressing and mitigating drought problems

Approaches:

- Develop ideas for drought problems
- By sector (breakouts for water and wastewater)
 - What are the big ideas? (Desalination, purple pipe, building more recycled water capacity at facilities to expand the network)
 - What are our projected future water needs? (New development, housing targets)
 - What are our recycled water goals? (Can we get closer to XX%?)
 - Where are our limitations for this capacity? (Direct potable reuse?)
 - Infrastructure improvements needed to do any of the above? Are they already planned?
- By geography (unique focused breakouts for Napa/Solano and Marin/Sonoma?)
- Overlay future climate change risks (fire, flood, heat, drought)

Andy asked for Board ideas, suggestions and input, assistance in develop a broadly inclusive invite list, and help identify potential strategic partnerships and associations .

Questions:

Clark: They are unfunded in outreach and they have to build a new Operation Control Center. She is interested in partners to help with education, similar to the Lot project in Seattle. Along with potable water reuse.

Choo: Yes, education is a big priority. Especially in long-term drought planning.

Gibson: NBWA is positioned well for grants.

Garcia: Like the idea of collaborative process. American Canyon implemented a new online program to monitor water use day by day. A new housing development was built that contains 100% recycled toilets. They have a cash for grass program (saved water for the equivalent of 273 houses) and low flow toilets. There are programs for using recycled water where you can drive up fill up your tank with recycled water to irrigate.

Bytof: Encourages not only having decision makers as part of the meeting, but others as well for additional ideas and may have deeper knowledge to contribute. Look for opportunities for pilots that might inform for future droughts. How do we deal with new housing requirements and water use- requirement for purple pipes?

D'Angelo Juachon: Thinking about this work in its relationship to social equity as a value at this point is far more conducive to reaching goals. This will also help in having an inclusive conversation.

Choo: Existing JTC distribution list has many community driven contacts. Its lacking policy making or decision making. The list can benefit from all types of members.

Patterson: Marin, Sonoma, and Napa are great examples for Solano County. She likes Chris' idea that every year is drought and we need to convey the lessons learned that Solano could apply. Regional enhancement and management connections is important. She suggested a presentation from her connection at DWR that managed the drought in the 90's and 2000's. She has other contacts who could present on the water grid.

Gibson: (directed Andy to follow up with Elizabeth on those presentations)

Mariani: She agrees with Cory to focus on today and tomorrow's drought. Getting fires department and other emergency services involved is important—they have to be part of the solution.

Fraites: North Bay Water District embarked on a recycling program that has over 100 customers. His dream is to have purple pipes in communities. We need to generate funding.

Gibson: They have two shovel ready programs, but the hang up is the analysis for the cost per acre foot.

Andy wrapped up the discussion with indicating he will send a follow up email to the group asking for additional feedback and ideas on partners.

8. **Executive Director Report and Agenda Items for Future Meetings**

Andy reported on activities that have taken place since the last meeting:

Updates since last meeting

- Met with Regional Climate Protection Authority on May 13
- Followed up on June 3 Resilient SR37 Policy Committee meeting
- Met with new potential NBWA member
- Met with potential regional collaboration partners

Administrative Activities

- AR – Member dues
- AP – Subconsultants
- Finalized FY 21/22 work plan
- Preparing website and meeting packet updates
- Updating distribution lists - ***Please send us any new staff / contacts***

Communications

- Drought information gathering
- Board members and member agency staff
- Regional partners
- Subject matter experts and speakers
- Call for newsletter topics and program highlights

Committees

- Developing JTC plan and focus for 2021
- JTC meetings to resume July 2021
- Conference committee to focus on 2022 event

Board Topic outlook

- July 9 – SR37 Baylands Initiatives, Legislative Updates
- Other topics in development:
Watersheds and Wildfire Prevention Planning, State Water Board Drought

Assistance Programs and Resources, One Water Initiative Highlights, What's Next in Environmental Education, Urban Scale Carbon Sequestration Initiatives, Funding Opportunities, Regulatory Compliance Collaborations, Water Management & Conveyance Innovations, Capital and Natural Assets Management

9. Board Information Exchange and Drought Updates

All Members

Gibson: The main thing the district has been working on is outreach regarding voluntary conservation efforts. He has been trying to get the district to see the short term (until the next rains) and long term (climate change).

Fraites: They are working on outreach and giveaways to help customers with conservation.

Mariani: They are concentrating of solids that are in the way stream. She agrees with other comments about recycled water being a good way to irrigate.

Boorstein: They are focused on low flow and cleaning pipes. They are talking about adding extra stations. The gen engine is going to be in operations next January. The Bees have arrived- 42 hives have been placed for the summer on some open lots near 580. They RVST were on the cover last month of Municipal Sewer and Water. Their article was on building core competency.

10. Announcements and Adjourn

Meeting adjourned at 11:30 am

Next Meeting: July 9, 2021, Zoom

SUBMITTED BY: Andy Rodgers, Executive Director, NBWA