



REGULAR BOARD MEETING

AUGUST 17, 2021



**STOCKTON
EAST WATER
DISTRICT**

PROVIDING SERVICE SINCE 1948

www.sewd.net

DIRECTORS

Richard Atkins
Vice President
Division 1

Andrew Watkins
President
Division 2

Alvin Cortopassi
Division 3

Melvin Panizza
Division 4

Paul Sanguinetti
Division 5

Loralee McGaughey
Division 6

Thomas McGurk
Division 7

STAFF

Scot A. Moody
General Manager

Justin M. Hopkins
Assistant General Manager

LEGAL COUNSEL

Jeanne M. Zolezzi
General Counsel

Phone 209-948-0333
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6767 East Main Street
Stockton, CA 95215

Post Office Box 5157
Stockton, CA 95205

MEETING NOTICE

THE REGULAR MEETING OF THE BOARD OF DIRECTORS OF THE STOCKTON EAST WATER DISTRICT WILL BE HELD AT 12:30 P.M., TUESDAY, AUGUST 17, 2021 AT THE DISTRICT OFFICE, 6767 EAST MAIN STREET STOCKTON, CALIFORNIA 95215

Assistance for the Disabled: If you are disabled in any way and need accommodation to participate in the meeting, please contact Kristin Carido, Administrative Services Manager (209) 948-0333 at least 48-hours in advance for assistance so the necessary arrangements can be made.

DUE TO COVID-19 STOCKTON EAST WATER DISTRICT BOARD MEETINGS WILL BE AVAILABLE BY TELECONFERENCE.

Please call (425) 436-6336/Access Code: 866228# to be connected to the Regular Board Meeting, to begin at 12:30 p.m.

Agendas and minutes are located on our website at www.sewd.net.

AGENDA

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A. Pledge of Allegiance (Director McGurk) & Roll Call	
B. Consent Calendar (None)	
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D. Scheduled Presentations and Agenda Items	
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a.	Material Included, but Bound Separately from Agenda Packet:	
1.	<u>West Faces Catastrophic Water And Power Shortages</u> , www.farmprogress.com, 08/10/21	
2.	<u>California Water District Pays Millions Over ‘Unauthorized diversion’ From Federal Canals</u> , The Sacramento Bee, 08/11/21	
3.	<u>Ways To Save Water During The Drought – And Whether It’s Worth Doing It All</u> , The Los Angeles Times, 08/11/21	
3.	Report on General Manager Activities	
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I.	Agenda Planning/Upcoming Events	
1.	San Joaquin County Flood Control and Water Conservation District Advisory Water Commission Meeting, 1:00 p.m., 08/18/21	
2.	Greater San Joaquin County Regional Water Coordinating Committee Meeting, 3:00 p.m., 08/18/21	
3.	ACWA State Legislative Committee Meeting, 10:00 a.m., 08/20/21	
4.	Central Valley Project Water Association – Executive & Financial Affairs Committee, 10:00 a.m., 08/20/21	

J. Report of the Counsel

1. Closed Session: REAL PROPERTY – GOVERNMENT CODE
SECTION 54956.9 – Property: Water Rights
Agency Negotiator: Scot A. Moody
Negotiating Parties: The San Luis & Delta-Mendota Water Authority/United States Bureau of Reclamation
Under Negotiation: Water Transfer

2. Closed Session - Potential Litigation
Government Code 54956.9 (c) – one case

K. Adjournment

Certification of Posting

I hereby certify that on August 12, 2021 I posted a copy of the foregoing agenda in the outside display case at the District Office, 6767 East Main Street, Stockton, California, said time being at least 72 hours in advance of the meeting of the Board of Directors of the Stockton East Water District (Government Code Section 54954.2).

Executed at Stockton, California on August 12, 2021.



Kristin Carido, Administrative Services Manager
Stockton East Water District

Any materials related to items on this agenda distributed to the Board of Directors of Stockton East Water District less than 72 hours before the public meeting are available for public inspection at the District's office located at the following address: 6767 East Main Street, Stockton, CA 95215. Upon request, these materials may be available in an alternative format to persons with disabilities.

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THE REGULAR MEETING OF THE BOARD OF DIRECTORS
OF STOCKTON EAST WATER DISTRICT WAS HELD AT THE DISTRICT OFFICE
6767 EAST MAIN STREET, STOCKTON, CA
ON TUESDAY, AUGUST 10, 2021 AT 12:30 P.M.

A. PLEDGE OF ALLEGIANCE AND ROLL CALL

President Watkins called the regular meeting to order at 12:30 p.m. and Director Panizza led the Pledge of Allegiance.

Present at roll call at the District were Directors Atkins, Cortopassi, McGaughey, McGurk, Panizza, Sanguinetti and Watkins. Also present were Manager Moody, Assistant Manager Hopkins, Finance Director Vega, Administrative Clerk Feliciano and Legal Counsel Zolezzi.

B. CONSENT CALENDAR (None)

C. PUBLIC COMMENT (None)

D. SCHEDULED PRESENTATIONS AND AGENDA ITEMS

1. Minutes 08/03/21 Regular Meeting

A motion was moved and seconded to approve the August 3, 2021 Regular Board Meeting Minutes, as presented.

Roll Call:

Ayes: Atkins, Cortopassi, McGaughey, McGurk, Panizza, Sanguinetti, Watkins
Nays: None
Abstain: None
Absent: None

2. Warrants – California Public Employees’ Retirement System

A motion was moved and seconded to approve the August 10, 2021 Warrants – California Public Employees’ Retirement System, as presented.

Roll Call:

Ayes: Atkins, Cortopassi, McGaughey, McGurk, Panizza, Sanguinetti, Watkins
Nays: None
Abstain: None
Absent: None

3. Bulk Sodium Hypochlorite System 30% Design Presentation

Chris Cleveland, P.E., Carollo Engineers, Inc. (Carollo) provided a presentation to the Board with discussion focused on the Disinfection Project 30% design including an overview of the project, updated cost estimate, design discussions and next steps. Mr. Cleveland reported there will be two buildings; a hypochlorite storage facility and hypochlorite feed building which will replace the chlorine gas system. Sodium hypochlorite is a high strength bleach that the water industry uses in place of chlorine gas due to limited supply, risk and liability cost of chlorine gas.

Manger Moody inquired what the impact was in the last year to the hypochlorite manufacturer. Mr. Cleveland stated there were significant challenges in hypochlorite production in the Western United States in the last three months, with a major electrical issue in Oregon that shut down production for the entire Pacific Northwest, an emergency response period occurred and the plant is now operational; this is not a concern in this area because there are multiple suppliers in both California and Nevada.

Mr. Cleveland reported on some changes to the Project which includes; expanding grading/paving to make room for the facilities and access for trucks, aging pipeline replacement, and other opportunities for upgrades while the work is being done. These changes will allow for trucks to pull into contained areas designed for chemical spills. Director Panizza inquired if grass and shrubbery will be removed and what the size of that area will be. Mr. Cleveland stated the edge of the pavement is not being modified, the planting areas will be removed which would include a couple large size trees, the area is ~30-40 feet and the east side expansion is ~20-24 feet.

Director Atkins inquired about spillage and containment of the sodium hypochlorite. Mr. Cleveland replied yes; there are a couple different disposal options to make it as easy as possible to recover from a spillage event, easily neutralize it and dispose of the chemical. Mr. Cleveland reported Carollo is designing a new trench to take chemical feed lines to their application points; two application points in the filter structure and an application point to the existing raw water pipeline in the basement and a new duct bank that is going to feed the electrical into the control system in the Operations Building. The two facilities; the hypochlorite storage facility (north building) and the hypochlorite feed building (south building) with the containment area and trench drain collector in-between will allow easy access for staff to walk back and forth. Director Sanguinetti inquired what the capacity is for the containment area. Mr. Cleveland replied it is measured by the size of one entire tank which the tanks are designed to take a truck load, and code requires twenty minutes of sprinkler volume in addition to the tank or truck load.

Director McGurk inquired what would happen if a truck was to collide with the storage facility. Mr. Cleveland replied that it is unlikely to happen as they plan to install bollards.

Director Cortopassi inquired if the hypochlorite is a harmful irritant. Mr. Cleveland replied it is toxic and requires personal protective equipment (PPE) for close proximity exposure, but is not harmful outside the designated PPE required areas.

Director Atkins inquired how much water will one tank treat. Mr. Cleveland replied the total storage is sized to annual peak chlorine demand at peak production capacity of the Plant for a minimum of 14 days of storage.

Mr. Cleveland explained the design of the bulk hypochlorite storage facility; which includes four tanks and fill stations, which are completely contained; access to multiple safety showers around the facility; steps down to the hypochlorite feed building; sump for spill collection and disposal; and a transfer pump to transfer from one tank to another.

Director Sanguinetti inquired if there is a settlement time. Mr. Cleveland replied yes, the hypochlorite can have precipitate that settles and a maintenance procedure will be done to go

in and clean out the tanks annually; access to the hypochlorite is on the top of the tank to minimize leaking gaskets.

Mr. Cleveland reported the hypochlorite feed building is designed with a bulk area, access doors, four chemical metering pumps, safety showers, PPE storage, flat roof, roll up door, fire raiser and main water, tempered water, secondary containment with grating, and additional storage and sink. Mr. Cleveland added the demolition of the gas system will be performed after full commissioning, startup, training, and operational period of new facilities.

Director Cortopassi inquired about keeping the gas chlorine as a backup for the sodium hypochlorite. Manager Moody replied a backup would be beneficial but the District will benefit more from removing the gas chlorine because of the amount of money and time spent on training and the emergency response plan which costs the District ~\$100,000 every couple of years. Manager Moody added staff has experience working with this type of system. Mr. Cleveland replied liquid chemicals are already on-site and similar practices are already being used, only the chemical is new.

Director Sanguinetti inquired about the piping, if the pipes would be above ground or underground. Mr. Cleveland replied they will be in a trench system with double contained pipe that can be assessed in certain areas for leaks.

Director Atkins inquired on the timeframe the sodium hypochlorite has to expire. Mr. Cleveland replied it depends on the temperature, concentration and sunlight; the lower the concentration the slower degradation, with 12.5 being industry standard, the design of the roof will minimize temperature and sunlight.

Director Atkins inquired how much each truck delivers. Mr. Cleveland replied each truck holds ~5,000-6,000 gallons.

Director Sanguinetti inquired about what would happen if our area had freezing weather causing the pipes and materials to freeze. Mr. Cleveland replied the tanks are large and would take a long time to freeze and the transfer pump would move the liquid between the two tanks; the pipes are tubing with high velocity constantly causing friction which will create heat to help from freezing.

Mr. Cleveland presented the cost estimate which was the same as presented at the preliminary engineering stage with a 30% contingency added at this stage to cover components that have not been added to the Project yet; at the 90% design the contingency will go down and more will be added to the cost.

Director McGurk inquired what work needs to be done after the 30% design. Mr. Cleveland replied Carollo with advise the contractor of the concepts and describe the work; work with the contactor to make sure they know limitations at the District, choose fittings, materials, controls, wiring, and panels for the Project. Mr. Cleveland added they have not designed the motor control center which would develop at that time.

Manager Moody inquired if the existing generation system has the capacity to handle the electrical needs of the facilities. Mr. Cleveland replied yes, there is existing power in the MCC

and can be fed from the generators; the booster pumps will also be removed to allow for more capacity.

Mr. Cleveland presented the current design discussion which includes Plant shutdown, laydown/staging area for contactors and the additional District needs for the Project which includes expanding grading/paving site improvements and pipe replacement; this Project will likely take 12 months. Mr. Cleveland added the District will then have agency reviews to conduct with the Department of Drinking Water (DDW) to approve the modified operating permit, and other agencies like the fire department. Mr. Cleveland reported the next steps include the 90% design which will be delivered on October 18th, 2021 and a design review and workshop will be held on October 27th; the final bid step will be ready for Board approval in early January 2022.

Manager Moody inquired if this Project can use a form of design build. Mr. Cleveland replied it can be used, but if interested, that process would need to begin now, the 90% design will begin and with the option of a design build, a contractor is needed. Manager Moody stated it was successful in the past to avoid change orders, staff will work with Carollo to come up with a plan including a design build and present to the Board at a later date.

4. Eastern San Joaquin County Groundwater Basin Authority – Recommendation to Terminate The Eastern San Joaquin County Groundwater Basin Authority (GBA)

a. Agreement To Terminate The Joint Exercise Of Powers Agreement Of The Eastern San Joaquin County Groundwater Basin Authority

Manager Moody reported the District received an email with a letter from the Eastern San Joaquin County Groundwater Basin Authority (GBA) asking all members to sign the agreement included with the letter to dissolve the GBA.

A motion was moved and seconded to approve the Agreement To Terminate The Joint Exercise Of Powers Agreement Of The Eastern San Joaquin County Groundwater Basin Authority

Roll Call:

Ayes: Atkins, Cortopassi, McGaughey, McGurk, Panizza, Sanguinetti, Watkins
Nays: None
Abstain: None
Absent: None

E. COMMITTEE REPORTS

1. Eastern San Joaquin Groundwater Authority Ad-Hoc Technical Advisory Committee (TAC) Meeting, 08/05/21

President Watkins and Assistant Manager Hopkins attended the August 5, 2021 Eastern San Joaquin Groundwater Authority Ad-Hoc Technical Advisory Committee (TAC) Meeting. Assistant Manager Hopkins reported the Department Water Resources (DWR) will provide an additional \$157,000 in grant funding to allow GWA to put in another monitoring well which is part of an ongoing project to benefit North San Joaquin and Stockton East Water District. Assistant Manager Hopkins stated the model consultant gave an overview on the modeling process, data, and the updates of 2020 and 2021; the data is being integrated from Oakdale Irrigation District and Modesto Subbasin and Delta models. Assistant Manager

Hopkins reported the model overdraft is on average ~34,000 acre feet and the previous model was twice that amount; the District uses ~70,000-80,000 acre feet as a current overdraft number. Director McGurk inquired if the average was set at ~34,000 acre feet, could that end up hurting our GSA from receiving grant money. Director Watkins explained the new information still has to be collected and the model will change with that data for the GSP basin wide model. Assistant Manager Hopkins reported the State has extra funds and has contacted the Drought Taskforce to identify drought mediation projects. The next meeting is scheduled for September 2, 2021.

F. REPORT OF GENERAL MANAGER

1. Water Supply Report as of 08/10/21

Manager Moody provided a handout of the Water Supply Report for information only that included storage, release, and production data collected from various sources as of midnight last night.

There is 107,028 AF in storage at New Hogan Reservoir. Current releases are set at 189 cfs. Current release at Goodwin Dam to Stanislaus River are set at 1,505 cfs and release to all water users are set at 255 cfs. There are 14 irrigator(s) on New Hogan, 4 irrigator(s) on New Melones and 3 Out-of-District irrigator(s). The water treatment plant is currently processing 30 mgd. The City of Stockton is currently processing 22 mgd.

Director Cortopassi suggested the District indicate where the New Melones water is going for the public that reads the minutes.

2. Information Items:

Manager Moody noted items: F2a-1, F2a-2 and F2a-3.

3. Report on General Manager Activities

a. Stockton East Water District – PG&E Demand Response Program Memo, 08/10/21

Manager Moody reported PG&E has offered the District an opportunity to work with them during peak times involving rolling black and brown outs; the District would switch over to our backup generator system and PG&E will pay the District for the time on backup generator power. Director Watkins inquired if solar can still be produced while also running the generators at the same time. Assistant Manager Hopkins replied he believes they can but will speak with Staff to confirm.

b. Stockton East Water District Activities Update

There was nothing to report.

G. DIRECTOR REPORTS

H. COMMUNICATIONS (None)

I. AGENDA PLANNING/UPCOMING EVENTS

1. Eastern San Joaquin Groundwater Authority Steering Committee Meeting, 8:30 a.m., 08/11/21

J. REPORT OF THE COUNSEL

1. Closed Session - Existing Litigation
Stockton East Water District vs. City of Stockton, et al.
Government Code 54956.9 (a)

2. Closed Session - Potential Litigation
Government Code 54956.9 (c) – two cases

3. Closed Session – Personnel
Government Code 54957

President Watkins adjourned the meeting to closed session at 1:42 p.m. to discuss closed session agenda items. District staff, with the exception to Manager Moody, were excused from the closed session meeting at 2:04 p.m. The regular meeting reconvened at 2:10 p.m., with no reportable action.

K. ADJOURNMENT

President Watkins adjourned the meeting at 2:11 p.m.

Respectfully submitted,

Scot A. Moody
Secretary of the Board

arf

**STOCKTON EAST WATER DISTRICT
INVOICES FOR BOARD PACKAGE
AUGUST 17, 2021**

Vendor name	Account #	Description	Amount	Invoice No.
1 US Bureau of Reclamation-DOI	10-5211-0	AGRICULTURAL FUND 67 CVP NM Water July 2021-500 AF/AG	19,820.00	W0329-July 2021
2 US Bureau of Reclamation-DOI	10-5211-0	CVP NM Water Aug.2021-500 AF/AG	19,820.00	W0329-Aug 2021
		AGRICULTURAL FUND 67 TOTAL	\$39,640.00	

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**STOCKTON EAST WATER DISTRICT
INVOICES FOR BOARD PACKAGE
AUGUST 17, 2021**

Vendor name	Account #	Description	Amount	Invoice No.
		ADMIN FUND 70		
3 RF USA Inc	10-5147-0	Radios and mounting brackets for water supply system spill-WS	7,595.50	INU05419
4 Action Asap Delivery Service	10-5126-0	July 2021 Courier services	800.00	90343
5 ACWA Joint Powers Insurance Authority	10-5103-0	Essentials for the Water Industry Program-Nov 2021-Oct 2022	1,195.00	20212022N-15
6 ACWA/JPIA (Health Benefits)	10-5047-0	Sept 2021 medical, dental, vision, & life insurance-Admin	16,805.14	0671965-Sept 2021
7 ACWA/JPIA (Health Benefits)	10-5062-0	Sept 2021 medical, dental, vision, & life insurance-DIR	10,174.59	0671965-Sept 2021
8 ACWA/JPIA (Health Benefits)	10-5050-0	Sept 2021 medical, dental, vision, & life insurance-RET Admin	3,813.04	0671965-Sept 2021
9 ADT Security Services	10-5141-0	08/18/21-09/17/21 Alarm monitoring services for Admin Bldg	44.51	Aug 2021-402372261
10 Anthony Barkett	10-5155-0	September 2021 consulting fees-efforts to protect NM water	5,500.00	September 2021
11 AT&T Messaging	10-5141-0	August 2021 Ag call-in prog voicemail services	14.84	7606732
12 Availability Professional Staffing	10-5044-0	Administrative clerk 80.00 hours (week of 07/19/21 & 07/26/21)	2,800.00	4629/4587
13 Balance Staffing Workforce LLC	10-5146-0	Temporary labor for SCADA towers week of 07/19/21	1,114.80	215765b
14 Boutin Jones Inc.	10-5162-0	Legal services on 07/29/21	70.00	142484
15 Cerida Investment Corp.	10-5141-0	Answering service from 08/03/21-08/30/21	137.00	112-79551
16 Central Valley Rentals/Bobcat Central Inc./Big Valley	10-5147-0	Rental of Bobcat & auger for installation of SCADA towers-WS	289.74	R34801
17 Central Valley Rentals/Bobcat Central Inc./Big Valley	10-5146-0	Rental of Bobcat & auger for installation of SCADA towers-WTP	579.48	R34801
18 Chris Donis	10-5103-0	DPR QAC 2nd year license and distribution course package	197.53	8/5/21

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INVOICES FOR BOARD PACKAGE
AUGUST 17, 2021**

Vendor name	Account #	Description	Amount	Invoice No.
		ADMIN FUND 70		
19 De Lage Landen Financial Services, Inc.	10-5124-0	08/15/21-09/21/21 SEWD printers (5+finance) lease	1,415.57	73457598/73452182
20 Doyce Boesch	10-5155-0	September 2021 consulting services by Doyce Boesch	7,000.00	September 2021
21 Employee Relations Network	10-5154-0	New hire onboarding expenses	248.91	90857
22 FedEx	10-5126-0	Shipping charges for 07/20/21	22.30	7-451-97546
23 Fishbio	10-5174-0	July 2021 Consulting Calaveras O.mykiss abundance	17,885.62	3845
24 Fishbio	10-5174-0	July 2021 Consulting Calaveras RST monitoring	14,050.28	3846
25 Fishbio	10-5174-0	July 2021 Consulting Calaveras HCP	280.00	3844
26 Fishbio	10-5174-0	July 2021 Consulting Calaveras Redds	225.00	3861
27 Greater Stockton Chamber of Commerce	10-5105-0	Taking Care of Business 2021-2022 sponsor program	3,200.00	21-22 Taking Care Bu
28 Hixco	10-5146-0	Fasteners for SCADA tower installations	11.39	426743
29 Howell Communications Inc.	10-5146-0	WS SCADA General radio work-Replacement of antenna at WTP	1,440.00	62608
30 Kristin V. Coon	10-5131-0	Professional service Water Conservation Educ. Sept 2021	15,587.79	2021-9
31 Meyers Fozi LLP	10-5150-0	Legal services from 08/02/21	1,887.26	5667
32 Platt Electric Supply Inc.	10-5146-0	Conduit fittings for SCADA towers-WTP	103.02	2932191
33 Platt Electric Supply Inc.	10-5147-0	Conduit fittings for SCADA towers-WS	51.51	2932191
34 Quadient Leasing USA Inc./MailFinance/Neopost	10-5126-0	Rental Charges Neopost Machine 08/29/21-11/28/21	577.15	N8979792
35 Quill Corporation	10-5125-0	Office supplies ordered on 07/22/21-07/23/21	42.41	18274351/18247407
36 San Joaquin County Ag Commissioner	10-5133-0	Sponsorship with the 2021 SJC AgVenture Program	1,000.00	2021 AgVenture
37 SEWD Vehicle Fund	10-5181-0	July 2021 - Vehicle Mileage Reimbursement- Admin	877.10	July 2021-Admin
38 Smart & Final	10-5125-0	Boardroom supplies ordered on 07/09/21	138.02	4031310003106
39 UniFirst Corporation	10-5189-0	District apparel orders	23.93	370 1311199
40 Van Dermyden Makus Law Corporation	10-5150-0	Professional services 06/01/21-06/30/21	23,409.65	17926
41 Verizon Wireless Multi-line account	10-5141-0	Wireless charges from 06/26/21-07/25/21	1,531.66	9884924909
		ADMIN FUND 70 TOTAL	\$142,139.74	

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**STOCKTON EAST WATER DISTRICT
INVOICES FOR BOARD PACKAGE
AUGUST 17, 2021**

Vendor name	Account #	Description	Amount	Invoice No.
		WATER SUPPLY FUND 71		
42 4RF USA Inc.	10-5203-0	Radios and mounting brackets for water supply system spill-NH	1,519.10	INU05419
43 4RF USA Inc.	10-5213-0	Radios and mounting brackets for water supply system spill-66 V.	82.40	INU05419
44 ACWA/JPIA (Health Benefits)	10-5047-0	Sept 2021 medical, dental, vision, & life insurance-NM	16,350.55	0671965-Sept 2021
45 ACWA/JPIA (Health Benefits)	10-5050-0	Sept 2021 medical, dental, vision, & life insurance-RET WS	7,304.98	0671965-Sept 2021
46 ACWA/JPIA (Health Benefits)	10-5056-0	Sept 2021 medical, dental, vision, & life insurance-NH	5,603.45	0671965-Sept 2021
47 Badger Meter, Inc.	10-5202-0	Cellular service for Orion Cellular endpoints-July	62.30	80078833
48 Central Valley Rentals/Bobcat Central Inc./Big Valley	10-5205-0	Rental of Bobcat & auger for installation of SCADA towers-NH	289.74	R34801
49 Central Valley Rentals/Bobcat Central Inc./Big Valley	10-5216-0	Rental of Bobcat & auger for installation of SCADA towers-S/H/RC	289.74	R34801
50 Central Valley Rentals/Bobcat Central Inc./Big Valley	10-5217-0	Rental of Bobcat & auger for installation of SCADA towers-Farm.	289.74	R34801
51 J. Milano Company, Inc.	10-5202-0	Metal and fasteners for bridge repairs and maintenance on NH	1,273.12	478976
52 MANCO	10-5216-0	Radar level sensor and bracket	1,166.82	557264
53 PG&E 0530302291-6	10-5213-0	Electricity charges- Birdcage trash rack 07/01/21-08/01/21	666.47	05303022916-08/02/21
54 PG&E 6722855250-0	10-5202-0	Electricity 06/25/21-07/26/21 Mosher Slough Headworks	15.76	67228552500-07/27/21

**STOCKTON EAST WATER DISTRICT
INVOICES FOR BOARD PACKAGE
AUGUST 17, 2021**

Vendor name	Account #	Description	Amount	Invoice No.
		WATER SUPPLY FUND 71		
55 Platt Electric Supply Inc.	10-5205-0	Conduit fittings for SCADA towers-NH	51.51	Z932191
56 Platt Electric Supply Inc.	10-5216-0	Conduit fittings for SCADA towers-Shirley/Hoods/Rock Creeks	51.52	Z932191
57 Platt Electric Supply Inc.	10-5217-0	Conduit fittings for SCADA towers-Lower Farmington	51.52	Z932191
58 Platt Electric Supply Inc.	10-5213-0	Conduit and service cover for level sensor on Peter's Pipeline	152.07	1U29270
59 Platt Electric Supply Inc.	10-5213-0	Conduit fittings for Birdcage	19.47	1S90237
60 Roger Brown Company	10-5213-0	Shims to service gear box for Duck Creek	29.62	INV/2021/0404
61 Rubicon Systems America Inc.	10-5213-0	SCADA Connect Live & commissioning for 66 Vault outlet automation	3,000.00	101987/b
62 San Joaquin County Sheriff-Coroner	10-5202-0	June 2021 Temp workers for weedeating & abatement-E.26 &ES	620.00	39593
63 SEWD Vehicle Fund	10-5218-0	July 2021 - Vehicle Mileage Reimbursement- NM	8,650.64	July 2021-NM
64 SEWD Vehicle Fund	10-5207-0	July 2021 - Vehicle Mileage Reimbursement- NH	4,492.29	July 2021-NH
65 Sontek/YSI Incorporated	10-5213-0	Cable for Sontek meter	646.50	885225
66 Stockton Windustrial Co.	10-5213-0	Fasteners for level sensor on Peter's Pipeline at Milton Rd	5.36	336514 01
67 UniFirst Corporation	10-5213-0	07/29/21 & 08/05/21 weekly laundry service	97.28	370 1329931/370 1331432
		WATER SUPPLY FUND 71 TOTAL	\$52,781.95	

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**STOCKTON EAST WATER DISTRICT
INVOICES FOR BOARD PACKAGE
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Vendor name	Account #	Description	Amount	Invoice No.
		FISH SCREEN IMPROVEMENT FUND 89		
68 Fishbio	10-5180-0	Professional services for Bellota project	5,345.00	Aug 2021 3773
69 Kjeldsen, Sinnock & Neudeck Inc.	10-5180-0	Prof Services for the Fish Screen Improvement Proj June 2021	66,766.74	30814
		FISH SCREEN IMPROVEMENT 89 TOTAL	\$72,111.74	

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**STOCKTON EAST WATER DISTRICT
INVOICES FOR BOARD PACKAGE
AUGUST 17, 2021**

Vendor name	Account #	Description	Amount	Invoice No.
		VEHICLE FUND 91		
70 Big Valley Ford	10-5182-0	Repairs on Unit 55, AC and door actuator	403.43	FTCS943313
71 Brannon Tire Corp.	10-5182-0	Tires for Unit 58	677.38	20323671
72 Napa Auto Parts, Inc.	10-5182-0	Filter to service Unit 50	78.47	433557
73 Sonsray Machinery/Case Power & Equipment	10-5182-0	Replacement exhaust clamp for Unit 41	44.25	P25964-05
74 Stockton Windustrial Co.	10-5182-0	Fittings for repairs on Unit 60	48.30	336651 01
75 Valley Pacific Petroleum Services, Inc.	10-5182-0	Unleaded fuel for district vehicles	12,668.95	INV 21-440163
		VEHICLE FUND 91 TOTAL	\$13,920.78	

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**STOCKTON EAST WATER DISTRICT
INVOICES FOR BOARD PACKAGE
AUGUST 17, 2021**

Vendor name	Account #	Description	Amount	Invoice No.
		MUNICIPAL & INDUSTRIAL FUND 94		
76 AA and Bob Allen, Inc.	10-5324-0	TP grounds clean up-dumping fee	288.23	132968
77 ACWA/JPIA (Health Benefits)	10-5047-0	Sept 2021 medical, dental, vision, & life insurance-M&I	50,209.59	0671965-Sept 2021
78 ACWA/JPIA (Health Benefits)	10-5050-0	Sept 2021 medical, dental, vision, & life insurance-RET M&I	11,685.96	0671965-Sept 2021
79 American Sign Products	10-5321-0	Sign for fuel station	29.63	17278
80 Bagley Enterprises, Inc	10-5321-0	Parts and labor to replace handle on clear diesel pump	404.49	11906
81 Balance Staffing Workforce LLC	10-5324-0	Temp labor for TP grounds week of 07/05/21-07/19/21	2,675.52	215765/215473b/215146b
82 Cal-Sierra Pipe, Inc.	10-5323-0	240' of 24" Pipe for WTP South and North reservoirs	6,392.59	110000014993-001
83 Charlie's Day & Nite, Inc.	10-5344-0	Keys for maintenance	17.99	472710
84 Cooper Controls, Inc.	10-5322-0	Parts and labor to diagnose and repair flow meter	208.00	104579
85 Energy Systems	10-5321-0	Hose and seal for repair to Doosan Emergency Generator	679.60	14065-1
86 Fastenal Company	10-5341-0	Earplug station for lowlift	114.81	CASTC146306

**STOCKTON EAST WATER DISTRICT
INVOICES FOR BOARD PACKAGE
AUGUST 17, 2021**

Vendor name	Account #	Description	Amount	Invoice No.
		MUNICIPAL & INDUSTRIAL FUND 94		
87 FGL Environmental	10-5308-0	Coliform bacti monitoring sampled on 07/05/21-07/19/21	886.00	139329A-150167A
88 FGL Environmental	10-5308-0	Metals, Total-As,Fe,Mn sampled on 06/28/21	104.00	138959A/138994A/138958A
89 FGL Environmental	10-5308-0	Wet chemistry-Alk. sampled on 07/13/21	19.00	139694A
90 Grainger, Inc.	10-5344-0	Eye wash solution for portable eye wash stations	62.21	9000279241
91 Grainger, Inc.	10-5341-0	Protective gear-safety glasses	31.56	9968072570
92 Hach Company	10-5325-0	Hach service partnership for field equipment	6,002.00	12560459
93 Holt of CA	10-5329-0	Rental of dozer for sludge removal	3,242.74	T9985901
94 Mark Ease Products, Co.	10-5321-0	Fire hydrant sign to identify locations of fire hydrants	196.20	40332
95 Motion Industries, Inc.	10-5321-0	Bearing for Surface Wash 2	89.55	CA14-971514
96 PG&E 0908023195-5	10-5302-0	Electricity 06/22/21-07/21/21 WTP East Side Feeder	7,116.12	09080231955-07/30/21
97 PG&E 2544904013-5	10-5302-0	Electricity 06/22/21-07/21/21 TP HS @6749 E Main	32,489.46	25449040135-07/29/21
98 Platt Electric Supply Inc.	10-5321-0	Fuses for P-4	1,404.69	1T47071
99 Platt Electric Supply Inc.	10-5321-0	Electrical conduit and fittings for DB-1	743.57	1U96666
100 Robert Heald	10-5341-0	Safety shoes reimbursement	179.85	080921 Reimb
101 San Joaquin County Dept. of Public Works	10-5324-0	Waste disposal for TP clean up	62.42	0621000445
102 San Joaquin County Sheriff-Coroner	10-5324-0	June 2021 Temp workers for weedeating and abatement-Main St.	6,200.00	39583-39592
103 SEWD Vehicle Fund	10-5181-0	July 2021 - Vehicle Mileage Reimbursement- M&I	2,657.30	July 2021-NM
104 Stockton Scavengers/Waste Management Corp	10-5304-0	July 2021 garbage service @6767 East Main St & 40YD	1,009.86	0042404-0051-7/0042217-3
105 Stockton Windustrial Co.	10-5321-0	Fittings to adjust T-2 alum tank/SA-3/Surface Wash Pump 2	163.80	335826 01/336325/336587
106 SunE Solar Mission III LLC	10-5302-0	Energy produced on low and high side solar panels July 2021	34,023.76	10303-031/10272-031
107 UniFirst Corporation	10-5342-0	07/29/21 & 08/05/21 weekly laundry service	276.88	370 1329931/370 1331432
108 Univar USA Inc.	10-5301-0	Caustic soda delivered on 07/26/21	5,719.71	49324167/49324166
109 US Bureau of Reclamation-DOI	10-5211-0	CVP NM Water July 2021-6000 AF/M&I	335,820.00	W0329-July 2021
110 US Bureau of Reclamation-DOI	10-5211-0	CVP NM Water Aug.2021-6000 AF/M&I	335,820.00	W0329-Aug 2021
111 Valley Landscaping & Maintenance Inc	10-5325-0	WTP landscaping maintenance service July 2021	2,445.00	79193
112 Wille Electric Supply Co, Inc.	10-5321-0	ABB interface board and diodes for P-4	2,156.93	S2039739.001/S2039739.2
		MUNICIPAL & INDUSTRIAL FUND 94 TOTAL	\$851,629.02	

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**STOCKTON EAST WATER DISTRICT
 INVOICES FOR BOARD PACKAGE
 AUGUST 17, 2021**

Fund Number	Fund Summary	AP Amount
Fund 67	Agricultural Fund	39,640.00
Fund 70	Administration Fund	142,139.74
Fund 71	Water Supply Fund	52,781.95
Fund 89	Fish Screen Improvement Fund	72,111.74
Fund 91	Vehicle Fund	13,920.78
Fund 94	Municipal & Industrial Fund	851,629.02
	TOTAL FUND SUMMARY	\$1,172,223.23

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Short Names/Acronym List

ACH	Aluminum Chlorohydrate
ACWA	Association of California Water Agencies
Admin	Administration
Ads	Advertisement
AF	Acre Feet
AG	Agriculture
AR	Accounts Receivable
AWP	Alternative Work Program
CEQA	California Environmental Quality Act
Chgs	Charges
CM	Construction Management
COP	Certificate of Participation
CSDA	California Special District Authority
CSJWCD	Central San Joaquin Water Conservation District
CVPWA	Central Valley Project Water Association
CWS	California Water Services Company
DB	Distribution Box
DBCP	Dibromochloropropane
DDTS	Direct Distance Telephone Service
DL	Direct Line
EDB	Ethylene Dibromide
Educ	Education
ESA	Endangered Species Act
FCC	Federal Communications Commission
FCCU	Financial Center Credit Union
FOIA	Freedom of Information Act
FWPS	Finished Water Pump Station
GM	General Manager
HCP	Habitat Conservation Plan
HP	Hewlett Packard
HVAC	Heating, Ventilating Airconditioning
LD	Long Distance
LFC	Lower Farmington Canal
LT2	Long Term 2 -Enhanced Surface Water Treatment Rule
M&O	Maintenance & Operations
MCC	Master Control Center
MIB	Methylisoborneol
Misc.	Miscellaneous
mtg	Meeting
NH-	New Hogan
NM	New Melones
NH3-N	Ammonia
NMCF	New Melones Conveyance Facility
NWRP	New Water Reservoir Project
OBA	Oxygen Breathing Apparatus
PACL	Poly Aluminum Chloride
PM	Preventive Maintenance
Prof	Professional
PSM	Process Safety Management
PVC	Polyvinyl Chloride
RPM	Risk Management Plan
SCADA	Supervisory Control And Data Acquisition
SCBA	Self Contained Breathing Apparatus
SEWD	Stockton East Water District
SWRCB	State Water Resources Control Board
St	Street
T5	Water Treatment Operator Certificate Grade 5
Tel	Telephone
THM	Trihalomethane
TO	Task Order
TP	Treatment Plant
UFC	Upper Farmington Canal
UPS	Uninterrupted Power Supply
VAMP	Vernalis Adaptive Management Plan
VFD	Variable Frequency Drive
WMP	Water Management Plan
WQMS	Water Quality Monitoring System
WS	Water Supply
WSEP	Water Supply Enhancement Project
WTP	Water Treatment Plant

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Vehicles	
Unit 36 2004 Chevy Pickup 2500hd Silverado	Pickup Truck
Unit 37-2004 Jeep Grand Cherokee Laredo	Automobile
Unit 47 2008 Chevy Pickup Silverado 2500 4x4	Pickup Truck
Unit 49 2009 Ford Edge AWD - Ltd	Automobile
Unit 55 2010 Ford F150 Pickup	Pickup Truck
Unit 57 2011 Ford F150 Pickup Long Bed	Pickup Truck
Unit 64 2015 Ford F250 S-Duty 4wd	Pickup Truck
Unit 65 2015 Ford F250 S-Duty 4wd	Pickup Truck
Unit 66 2015 Ford F250 S-Duty 4wd	Pickup Truck
Unit 67 2015 Ford F250 S-Duty 4wd	Pickup Truck
Unit 69 2015 Ford F150 4x4 Supercrew Pickup	Pickup Truck
Unit 76 2020 Ford Escape	Automobile
Light equipment	
Genie GS 1930 Scissor Lift	Lift
Unit 70 2016 Cat Forklift	Forklift
Unit 58 2014 Polaris Ranger EV- Maintenance	Utility Vehicle
Unit 59 2014 Polaris Ranger EV- Maintenance	Utility Vehicle
Unit 60 2014 Polaris Ranger EV- Operations	Utility Vehicle
Unit 61 2014 Polaris Ranger EV- Water Supply	Utility Vehicle
Unit 62 2014 Polaris Ranger EV- Water Supply	Utility Vehicle
Unit 63 2014 Polaris Ranger EV- Operations	Utility Vehicle
Heavy equipment	
Mower-walker	Tractor
Unit 16 2003 Ford 450 -- diesel	Heavy Truck
Unit 26 1990 International Dump Truck	Heavy Truck
Unit 29 Caterpillar Backhoe	Heavy Equip.
Unit 31 1998 Freightliner Boom Truck 15 ton	Heavy Truck
Unit 38 John Deere 6420 Tractor	Tractor
Unit 41 Case Tractor 570mxt Turbo	Tractor
Unit 45 2008 Ford F650 Flatbed Truck (diesel)	Heavy Truck
Unit 48 2008 Chevy Kodiak C4500 (diesel)	Heavy Truck
Unit 52 Kubota Tractor	Tractor
Unit 53 2011 Kenworth T300 Dump Truck (dsl)	Heavy Truck
Unit 56 2010 Ford F450 Truck	Heavy Truck
Unit 73 2018 Caterpillar Backhoe	Heavy Equip.
Unit 74 2019 Ford F250 S-Duty 4wd	Pickup Truck
Unit 75 2019 Ford F250 S-Duty 4wd	Pickup Truck
Accessories	
Dive Boat	Accessory
Boat Trailer	Trailer
Allis-Chalmers Disc	Accessory
Pak Flail Mower (orange)	Accessory
Alamo Articulate Mower Attachment	Accessory
Landpride RCR2596 Rotary Mower	Accessory
Unit 30 Big Tex Equipment Trailer /25,900gww	Trailer
Unit 34 2000 Cartaway Tank Trailer /6000gww	Trailer
Unit 43 2007 Wells Cargo Trailer Model TW122	Trailer
Unit 44 1996 Genie Lift TZ-34/20 Knuckleboom	Trailer
Unit 50 6 Diesel Pump	Trailer
Unit 51 12 Diesel Pump	Trailer
Unit 68 2015 Welding Trailer	Trailer
Unit 71 2017 Utility Landscaping Trailer	Trailer
Unit 72 2002 Utility Trailer	Trailer

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Memorandum

To: Scot A. Moody – General Manager
From: Justin Hopkins – Assistant General Manager
Chris Donis – Water Supply Supervisor
Date: August 17, 2021
Re: Peters Pipeline level sensor

Background

In 2020, the Eilers Ranch installed a new surface water irrigation system and connected to the Stockton East Water District's (District) existing turnout in the Peters Pipeline. The Peters Pipeline normal operating level is usually below the required level for pumping at the Eilers Ranch turnout, while solely serving the needs of the Treatment Plant. Due to the need to regulate head in the Peters Pipeline, flow to the Treatment Plant, and service to the Eilers Ranch, operation of the Peters Pipeline became challenging.

Summary

District staff were required to make a series of adjustments to facilitate Eilers Ranch pumping from the Peters Pipeline. The adjustments were made at a gate downstream of the outlet to build the required head in the pipeline. The valve adjustments on the Peters Pipeline were directly affected by Treatment Plant demands and irrigator demands upstream. District staff found that this operation was very time consuming, difficult, and presented some unnecessary liability. A frequent challenge was staff's ability to identify slowly raising or lowering water levels within the District's normal work hours. Slowly raising water level led to overtopping of the Milton Road standpipe and slowly lowering water level resulted in the Eilers Ranch inability to pump, most times in the middle of night.

District Engineering staff analyzed the problem to come up with and implement a solution. Engineering staff recommended the installation of a radar level sensor and a Rubicon pedestal at the Peters Pipeline standpipe at Milton Road. The Rubicon pedestal is able to transmit real time water level to SCADAConnect Live, a web hosted SCADA interface. The unit is also standalone battery powered and solar charged.

Results

Installation, testing, and use of the level sensor has been completed (Figure 1). The results after installation were immediately noticeable in the amount of man hours needed to complete the setup and having a level that was available by phone or computer. District staff are also able to receive low/high level alarms by text message through SCADAConnect Live. Staff are able to remotely adjust a Rubicon Slipmeter located upstream at the 66" Vault through SCADAConnect Live in the event of an

alarm, thereby alleviating excess flows or sending more flow. The products work seamlessly and the feedback from the Eilers Ranch was positive.



Figure 1. Completed Installation

Memorandum

To: Scot A. Moody – General Manager
From: Justin Hopkins – Assistant General Manager
Darrel Evensen – District Engineer
Gianna Cianfichi – Associate Engineer
Date: 8/17/2021
Re: Tunnel Outlet Flow Measuring Flume Project

BACKGROUND

As a part of the Stockton East Water District's (District) FY21-22 budget, the Board of Directors (Board) approved funding to install a new flow measuring flume downstream of the tunnel outlet in the Upper Farmington Canal (UFC). The project includes earthwork and cast-in-place reinforced concrete to create a Replogle flume (Figures 1 and 2). A Replogle flume will provide a reliable and accurate measurement of the Goodwin Tunnel Outlet flow into the UFC and is recommended by CalPoly's Irrigation Training and Research Center (ITRC) after evaluation of the site. Staff has struggled with a variety of unsuccessful measuring options in the past.



Figure 1: Empty Replogle Flume



Figure 2: Replogle Flume

SUMMARY

This work must be done when the canal is dry during the New Melones shut down from October to December. The District's construction crew will be completing the Funck Road Traveling Screens Project, Cooks Low Water Crossing Replacement Project, and Whittles Crossing Project during the New Melones shut down. The construction crew does not have enough resources and time to complete all four projects.

The budget for the Tunnel Outlet Flow Measuring Flume Project is \$364,000 and staff has created a Request for Bid (RFB) Document for the construction work. The RFB is scheduled to be sent to construction companies and posted on the District's website.

RECOMMENDATIONS

District staff recommends proceeding with advertising the Request for Bids. After receiving and evaluating bids, staff will return to the Board to recommend the award of a contract. Prior to awarding the contract, the Board may consider the option to perform construction during the summer of 2022 in the event the District receives no allocation from the New Melones reservoir.

Kristin Carido

From: Taylor Curtis
Sent: Thursday, August 12, 2021 8:01 AM
To: Kristin Carido
Subject: FW: One Voice® Sponsorship Request
Attachments: Sponsorship Memo.pdf; Sponsorship Flyer.pdf

Taylor Curtis
Administrative Assistant
Stockton East Water District

From: OneVoice 2021 <onevoice2021@sjcog.org>
Sent: Wednesday, August 11, 2021 11:33 AM
Subject: One Voice® Sponsorship Request

Good Morning,

I'm reaching out on behalf the One Voice® delegation to provide sponsorship material. Attached you will find our memo and form associated with our upcoming advocacy trip in October. We hope that you will consider supporting our efforts.



SAN JOAQUIN COUNCIL OF GOVERNMENTS

555 E. Weber Avenue • Stockton, California 95202 • P 209.235.0600 • F 209.235.0438 • www.sjcog.org

2021 San Joaquin One Voice® Sponsorship Request

The San Joaquin One Voice® advocacy trip returns to Washington, D.C., following being virtual in 2020 and the first half of 2021. The trip is scheduled for October 18-21, 2021. This effort, led by the San Joaquin Council of Governments, is a contingent of elected officials, public administrators, and regional stakeholders from public and private sectors who travel to Washington, D.C., to put a face on San Joaquin County projects, programs, and regional priorities that need policy support.

The importance of this trip cannot be overstated. With infrastructure being one of the administration's highest priorities, now is a great time to be in D.C. This effort educates Members and key Administration leadership on San Joaquin County's regional priorities, as well as providing them with comprehensive details of the region's needs. One Voice® delegates benefit by receiving first-hand information on available grants and other funding that helps address regional priorities.

Since 2000, San Joaquin One Voice® has secured over \$142 million in federal appropriations for transportation priorities such as roadway improvements, railroad crossings, transit capital, and airport improvement projects. In addition to federal dollars, we have advocated for policy and regulatory reform that today streamlines the way federal and state agencies work together to eliminate unnecessary procedures so that government agencies and the business community can work seamlessly toward job creation for our communities.

The One Voice® effort needs your support. We are reaching out to community and corporate sponsors to help offset costs and continue the mission. SJCOG has established One Voice Inc. — a 501(c) (3), public benefit nonprofit corporation — to receive sponsorships and contributions for San Joaquin One Voice®. Donated funds are used for One Voice® expenses and do not benefit specific individuals or issue-specific expenses. The sponsorship program's tiered structure provides flexibility and opportunity for businesses of all types, sizes, and budgets. A sponsorship form outlining support levels and benefits is attached. Additional information about the program is available on our website at www.sjcog.org/onevoice.

If you have any questions regarding sponsorship, please feel free to call me or Steve Dial at 209-235-0600. Thank you for your consideration.

Sincerely,

Digitally signed by:
Diann Nguyen
DIANE NGUYEN
Executive Director

Enclosure

Thank you, have a great day!

SAN JOAQUIN ONE VOICE®

2021 SPONSORSHIP FORM

Please accept our support for the success of the 2021 One Voice® trip to educate Congress and the administration regarding the transportation and economic development projects in San Joaquin County. Our level of financial support is checked below and our check is enclosed.

Organization or Individual Sponsor Name:

Address: _____

Contact Name _____ **Phone** _____

Email _____

Levels of Sponsorship:

- Executive - \$5,000*
- House - \$2,500*
- Senate - \$1,000*
- Cabinet - \$500*

Please make all checks out to San Joaquin Council of Governments and mail to: SJCOG/One Voice®, 555 East Weber Avenue, Stockton, CA 95202

Each sponsor will receive the following:

- *Company logo and contribution prominently placed in all One Voice® materials*
- *Recognition on the SJCOG website and on our social media pages.*

Deadline for Sponsorships:

All sponsorships must be received by October 08, 2021 in order to receive recognition.

Company Logo:

Please forward a high resolution copy of your company logo for sponsorship recognition to: Steve Dial, onevoice2021@sjcog.org. Any high resolution standard graphics format is acceptable.

Donated
funds are
used for One
Voice®
expenses
and do not
benefit
specific
individuals

Thank you for your support!

San Joaquin One Voice®, Inc. is a 501(c) (3) nonprofit organization.
All contributions will be acknowledged in accordance with IRS regulations.



SAN JOAQUIN COUNCIL OF GOVERNMENTS

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Sincerely,

DocuSigned by:
Diane Nguyen
FRB731587E874B4
DIANE NGUYEN
Executive Director

Enclosure

Leo Zuber
CHAIR
Robert Rickman
VICE CHAIR
Diane Nguyen
EXECUTIVE DIRECTOR
Member Agencies
CITIES OF
ESCALON,
LATHROP,
LODI,
MANTECA,
RIPON,
STOCKTON,
TRACY,
AND
THE COUNTY OF SAN
JOAQUIN



STEERING COMMITTEE MEETING

AGENDA

Wednesday, August 11, 2021

8:30 a.m. – 10:00 a.m.

Teleconference Meeting Only

Call-In Information Provided

NOTICE: Coronavirus COVID-19


See Attached Notice Regarding COVID-19

- I. **Call to Order/Roll Call** (*Please remember to keep your phone line muted and unmute when announcing yourself for attendance or speaking)
- II. **Scheduled Items – *Presentation materials to be posted on ESJGroundwater.org and emailed prior to the meeting.***
 - A. **Discussion/Action Items**
 1. Approval of the July 14, 2021 Meeting Minutes (attached)
 2. August 5, 2021 TAC Discussion and Model Development
 3. DWR GSP Review and Response Plan and Team
 4. Tracy Subbasin GSP Status (Richard Shatz)
 5. Request for Qualifications for Accounting Framework and Funding/Finance Alternatives Evaluation (Draft Attached)
 6. DWR Facilitation Support Services (Draft Attached)
 7. American River Water Rights Application 29657 GWA Policy Statement for September 8 Board Consideration
- III. **Staff Reports**
 - A. DWR report
- IV. **Public Comment (non-agendized items)**
- V. **Director Comments**
- VI. **Future Agenda Items**
- VII. **Adjournment**

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
	<h1>Agenda</h1>
	<p>Discussion / Action Items:</p> <ol style="list-style-type: none"> 1. Approval of the July 14, 2021 Meeting Minutes (attached) 2. August 5, 2021 TAC Discussion and Model Development 3. DWR GSP Review and Response Plan and Team 4. Tracy Subbasin GSP Status (Richard Shatz) 5. Request for Qualifications for Accounting Framework and Funding/Finance Alternatives Evaluation (Draft Attached) 6. DWR Facilitation Support Services (Draft Attached) 7. American River Water Rights Application 29657 GWA Policy Statement for September 8 Board Consideration <p>Staff Reports</p>

2

350 CFS 150 TAF AMERICAN RIVER




3

 EASTERN SAN JOAQUIN
GROUNDWATER AUTHORITY

DWR GSP Review and Response Plan

- Discussed at the June 2, 2021 meeting
- Recommended that the Board direct the Steering Committee to coordinate the response with input from TAC
- GWA adopt joint response
 - May be minority positions
 - Independent GSA response


4



DWR GSP Review and Response Plan (cont.)

- Send to GSAs when received
- GSA bring comment to Steering in September
 - GSAs use their legal and tech people
 - Staff and consultant start drafting responses
- Ad Hoc Team (Sept, Oct, Nov)
 - Integrate GSA, staff, consultant comments for a draft response
- Discussion with DWR
- GWA Board in December


5



DWR GSP Review and Response Policy Questions

- Seek task order from Woodard Curran
 - Anticipated in FY 20-21 Budget
 - Authorize Director to negotiate and sign
- Organization?
 - Form Ad Hoc Response Team to review comments
 - Legal team, Tech team
 - Form a smaller team to dialog with DWR

6



Model Update

- Update now to support evaluation of project impacts, benefits, basin accounting framework
- Input data request and model update status
- Model outputs

7

2021 Model Update and Calibration Refinement

- Update Historical Model for OID Delivery Data
 - Sources of data:
 - Historical data from OID from historical model data collection (including updated data for 2020 and 2021 Annual Reports)
 - ESJWRM update by Jacobs for Stanislaus River Basin Plan
 - Modesto Subbasin model by W&C for Modesto GSP
- Update Historical Model Features and Data
 - Sources of data:
 - Regional Models: C2VSimFG, Delta Model
 - Local Models: CoSANA (for Cosumnes Subbasin boundary flows), Modesto Model (for Modesto Subbasin boundary flows and supplies/demands)
 - Information from GSAs, DWR, etc.
- Update Model Calibration
- Prepare Technical Memorandum
- Update Projected Conditions Baseline



8

Water Budgets

Historical

Uses historical information for hydrology, precipitation, water year type, water supply and demand, and land use going back a minimum of 10 years.

Current Conditions


Conditions seen in a recent year with "normal" data on population, land use, year type, water supply and demand, and hydrologic conditions.

Projected Conditions

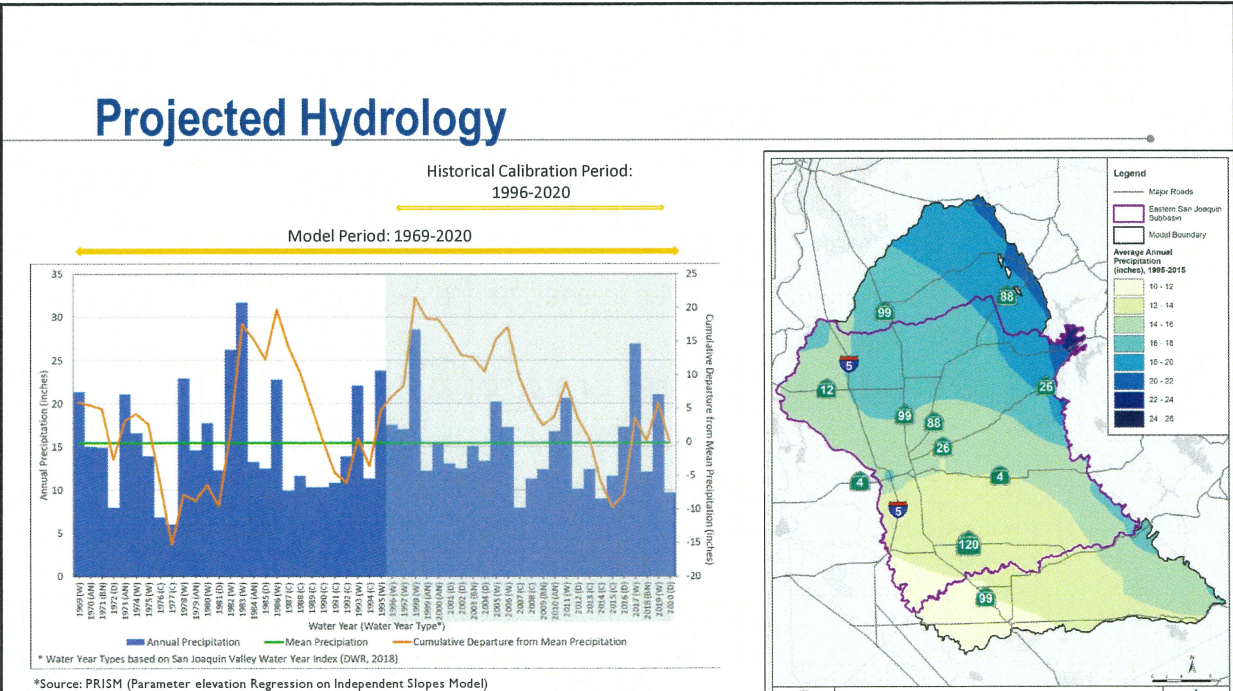
Uses the future planning horizon to estimate population growth, land use changes, etc. Requires at least 50 years of historical hydrology.

Projected Conditions with Climate Change

Tests impacts to subbasin of changes to hydrology suggested in DWR climate change data (at least one scenario required).



9



10

Projected Conditions Baseline

- 50+ years of hydrology (precipitation and stream inflow): WY 1969-2020
- Urban Demand:
 - Population growth based on San Joaquin Council of Governments at 2040 level of development
 - Urban Demand growth based on data from agencies (UWMPs)
 - GPCD calculated based on population and demand
- Other Updates:
 - Boundary conditions
 - Evapotranspiration
 - Agency data (surface water deliveries and groundwater pumping)



11

Local Scale Water Budget

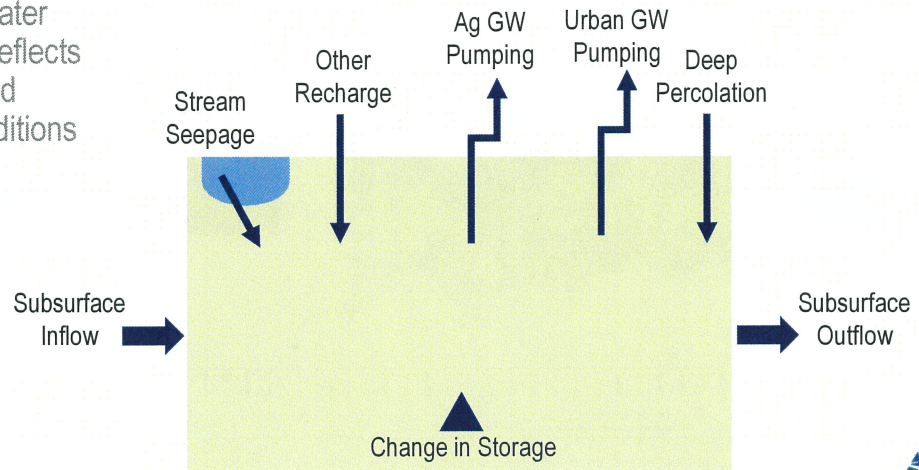
- Model produces “Hydrologic” Water Budgets by various geographic scales (Subregions, Subareas, GSAs, etc.)
- “Hydrologic” Water Budgets are used to analyze and develop sustainable yield conditions at the Subbasin level
- “Operational” Water Budgets are used for accounting of GSA operational activities



12

Hydrologic Water Budget Components

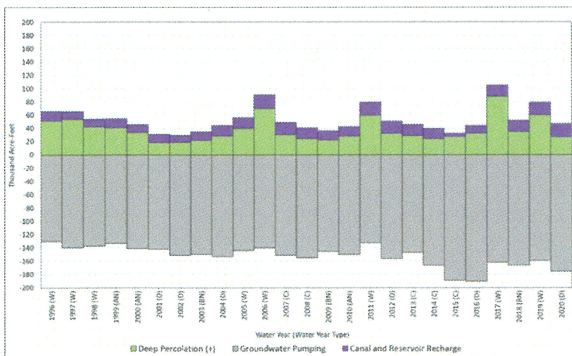
- Definition: Water budget that reflects hydrology and physical conditions



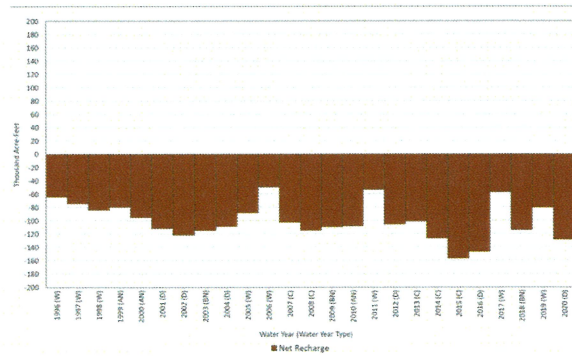
13

Annual Recharge and Extraction

Groundwater Recharge and Extraction- Net Extractor



EXAMPLE Net Extractor



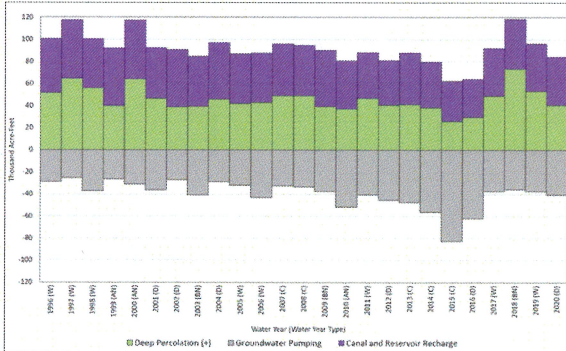
Note: Showing model results for example area from ESJWRM v1.3



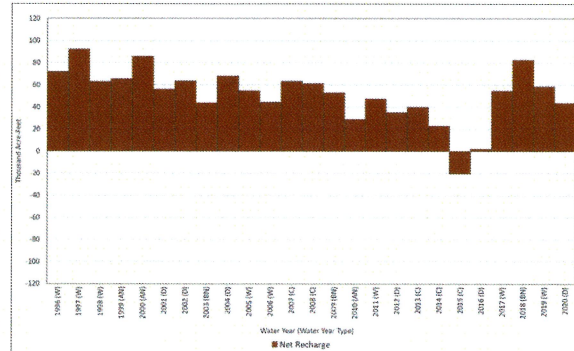
14

Annual Recharge and Extraction

Groundwater Recharge and Extraction- Net Contributor



EXAMPLE Net Contributor



Note: Showing model results for example area from ESJWRM v1.3



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Next Steps

- Model calibration update: End of August
- Baseline update: Early September
- GSA scale water budget: Early September
- Water budget workshops: Mid-September




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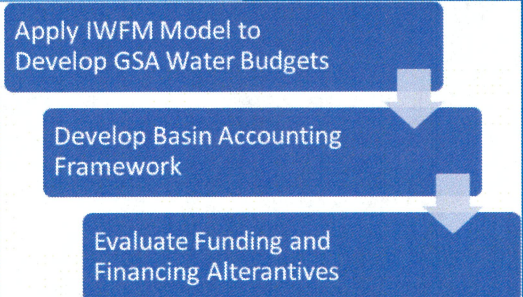


Tracy Sub Basin GSP- Richard Shatz

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RFQ Accounting Framework and Funding/Finance Alternatives Evaluation (Draft)



- Limited routing
- GWA review and selection panel (Meet 8/13)
- Quals based selection
- Negotiate final scope, schedule and budget
- Integrate w/ DWR FSS
- Recommendation to the SC and Board
- Authorize assignment by Executive Secretary


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RFQ Accounting Framework and Funding/Finance Alternatives Evaluation (cont.)

- Single firm or team
- Skills - engineering, modeling, economics, finance/funding, and policy development
- Identifies requisite experience

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RFQ Accounting Framework and Funding/Finance Alternatives Evaluation (cont.)

Time line

- Release of RFQ August 13, 2021
- Statement of interest August 20, 2021
- Pre-submittal August 26, 2021. 10:00 AM
- Deadline for submittal September 17, 2021 at 5:00 PM
- Start Date November 10, 2021 (SC meeting)


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DWR Facilitation Support Services

- DWR support- **A big thank you!**
- Covers a lot of what we need to do with a limited budget
- Key activities supported
 - Stakeholder surveys
 - Preparation of a stakeholder assessment focused on water accounting methods and principals
 - Case studies of water accounting practices
 - Editorial support for preparation of the ESJGWA Water Accounting Framework Strategy Document

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American River Water Rights Application 29657 GWA Policy Statement for September 8 Board Consideration

- Endorse existing water availability analysis
- Back up watershed of origin claim
- Water needs to be available for recharge to achieve long term goals
- Support further consideration of how water can be beneficially uses

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Weekly Water Report	As of: Aug. 9, 2021	As of: Aug. 16, 2021
New Hogan (NHG) TOC	317,100	
Storage:	107,028	AF
Net Storage Change:	-2,848	AF
Inflow:	28	CFS
Release:	189	CFS
New Melones (NML) Allocation	75,000	AF
Storage:	982,252	AF
Net Storage change:	-41,083	AF
Inflow:	265	CFS
Release:	3,099	CFS
Source: CDEC Daily Reports		

Goodwin Diversion (GDW)		
Inflow (Tulloch Dam):	3,090	CFS
Release to Stanislaus River (S-98):	1,505	CFS
Release to OID (JT Main):	914	CFS
Release to SSJID (SO Main):	371	CFS
Release to SEWD:	<u>255</u>	CFS
Total Release	3,045	CFS
Source: Tri-Dam Operations Daily Report		
Farmington Dam (FRM)		
Diverted to SEWD:	N/A	CFS
Diverted to CSJWCD:	0	CFS
Source: USACE WCDS Hourly Report		

Surface Water Used		
Irrigators on New Hogan:	14	
Irrigators on New Melones:	4	
Out-Of-District Irrigators:	3	
DJWWTP Production:	30	MGD
North Stockton:	0	MGD
South Stockton:	3	MGD
Cal Water:	27	MGD
City of Stockton DWSP Production:	22	MGD

District Ground Water Extraction		
74-01	0	GPM
74-02	0	GPM
North	0	GPM
South	0	GPM
Extraction Well # 1	<u>0</u>	GPM
Total Well Water Extraction	0	GPM

Note: All flow data reported here is preliminary and subject to revision.

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Analise Feliciano

From: Meghan Cook <MeghanC@acwa.com>
Sent: Friday, August 6, 2021 3:40 PM
Cc: Adam Quinonez
Subject: Special SLC Meeting - Save the Date!

Dear State Legislative Committee,

Please **save the date for Monday, August 16, 3pm-4pm**, for a special SLC meeting. We will hold this meeting to consider SB 222, and will send out an analysis next week. Given the timing of when the bill will be heard and our next regularly scheduled SLC, we feel we will be best positioned by taking a position before the August 20th meeting. If you have any questions, please contact me or Adam. Thank you.

Sincerely,

Meghan Cook

State Relations Analyst
Association of California Water Agencies
Main: 916.441.4545
meghanc@acwa.com | www.acwa.com



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