



REGULAR BOARD MEETING

AUGUST 1, 2023



**STOCKTON
EAST WATER
DISTRICT**

PROVIDING SERVICE SINCE 1948

www.sewd.net

DIRECTORS

Richard Atkins
President
Division 1

Andrew Watkins
Division 2

Alvin Cortopassi
Division 3

Melvin Panizza
Division 4

Paul Sanguinetti
Division 5

Loralee McGaughey
Division 6

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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 1, 2023 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 Administrative Staff at (209) 948-0333 at least 48-hours in advance for assistance so the necessary arrangements can be made.

FOR CONTINUED CONVENIENCE STOCKTON EAST WATER DISTRICT BOARD MEETINGS WILL BE AVAILABLE BY TELECONFERENCE.

Please call (669) 444-9171/Meeting ID: 876 5902 3782#/Passcode: 847846# 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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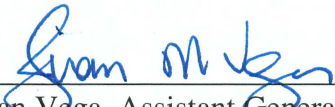
A. Pledge of Allegiance (Director Panizza) & Roll Call	
B. Consent Calendar (None)	
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	1. CONFERENCE WITH LEGAL COUNSEL – ANTICIPATED LITIGATION Potential exposure to litigation – Government Code Section 54956.9 – one case	

- J. Closed Session - *continued***
2. CONFERENCE WITH LEGAL COUNSEL - Personnel Government Code
54957
- K. Adjournment**

Certification of Posting

I hereby certify that on July 27, 2023 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 July 27, 2023.



Juan Vega, Assistant General 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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GROWMAS 2022 Technical Report

BACKGROUND

Groundwater is a vital resource for agricultural production, playing a crucial role in irrigated agriculture, livestock farming, and food processing. Currently, agricultural activities account for 69% of global groundwater abstractions (Margat and Van der Gun, 2013). With climate change altering patterns of drought and regional recharge dynamics, the pivotal contribution of groundwater in agriculture has garnered significant attention. Of particular concern is the potential depletion of groundwater resulting from intensive irrigation withdrawals, which is especially relevant in the western United States, where groundwater is used for irrigation in times of drought (James, 2022). Recognizing this issue, the State of California enacted the Sustainable Groundwater Management Act (SGMA) of 2014. SGMA mandates the formation of Groundwater Sustainability Agencies (GSAs), which are responsible for managing groundwater basins through the development and implementation of Groundwater Sustainability Plans (GSPs). GSPs are a roadmap for how local areas will manage groundwater use to avoid the undesirable impacts of groundwater overdrafts. To aid in the progress toward sustainability and enable informed decision-making, GSAs are required to monitor and report groundwater conditions and water use. However, in situ measurements vary in availability, and can be costly and time-consuming to acquire. For these reasons, remote sensing approaches to monitoring groundwater can be advantageous.

In recent years, earth-observing satellites and airborne systems have been applied to study groundwater. Whether monitoring gravitational fields or radar signals, remote sensing technique studies have illustrated the ability to estimate water storage, extraction, and recharge. Although valuable, these groundwater measurement techniques often provide information about large-scale groundwater changes and lack precise details about local groundwater conditions (Adams et al, 2022). However, recent research has demonstrated the capability to measure local pumping and recharge by employing remotely sensed evapotranspiration (ET) data and surface water delivery information (Howes et al., 2014). This innovative approach, known as Net-To-From Groundwater (NTFGW), allows for the assessment of net contributions to or extractions from groundwater.

OBJECTIVE

The subject of this technical paper is the application of NTFGW to estimate annual and monthly groundwater pumping and recharge for three water districts in the East San Joaquin subbasin: Stockton East Water District (SEWD), North San Joaquin Water Conservation District (NSJWCD), and Central San Joaquin Water Conservation District (CSJWCD). This draft document will provide parcel and district-level NTFGW results for 2022 and a comparative analysis between district-level NTFGW results for 2021 and 2022.

PROJECT AREA

SEWD, CSJWCD, and NSJWCD are located on the San Joaquin Valley floor in San Joaquin County, California.



Figure 1: Location of SEWD, NSJWCD, and CSJWCD in the San Joaquin Valley, California.

DATA

- *Surface Water Delivery*: SEWD provided monthly surface water delivery (SWD) data for over 400 agricultural parcels in SEWD and CSJWCD.
- *Runoff*: this project assumes no runoff from the agricultural parcels.
- *PRISM*: gridded precipitation data from the PRISM Climate Group was downloaded and used in NTFGW calculations. PRISM (Parameter elevation Regression on Independent Slopes Model) uses elevation data and information from a network of monitoring stations to estimate climate parameters at various temporal and spatial resolutions. To calculate NTFGW, 4 km-resolution precipitation raster images were downloaded for all months of 2022.
- *Satellite-based ET*: ET data for SEWD, CSJWCD, and NSJWCD were sourced from OpenET. OpenET is an online platform that provides daily, monthly, and annual ET estimates for defined geographic boundaries. This project relies on Google Earth Engine implementation of the **M**apping **E**vapotranspiration at high **R**esolution with **I**nternalized **C**alibration model (eeMetric) to derive ET estimates. eeMetric applies advanced METRIC (**M**apping **E**vapo**T**ranspiration at high **R**esolution and **I**nternalized **C**alibration) algorithms by Allen et al. (2007; 2015), which relies on Landsat imagery and gridded weather variables to derive actual ET.

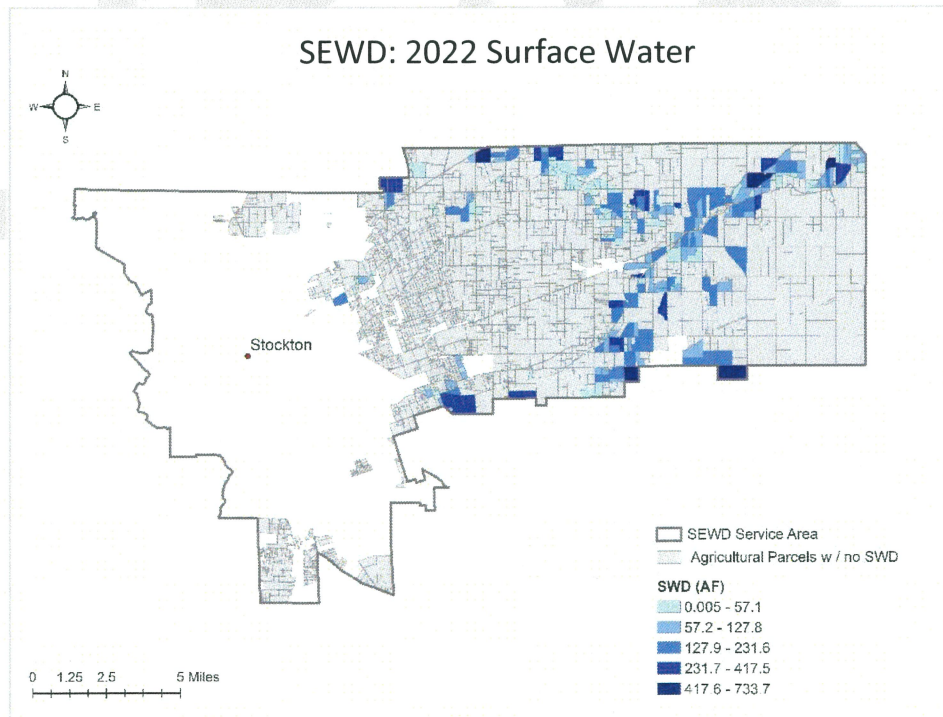


Figure 2: Surface Water Delivery (SWD) information for agricultural parcels in SEWD for 2022.

NTFGW ESTIMATION

NTFGW is estimated for a region by comparing evapotranspiration, runoff, precipitation, and applied surface water data. Figure 3 shows the formula for computing NTFGW. As indicated by this graphic, NTFGW is negative when ET and runoff are collectively greater than precipitation and surface water delivery combined. As ET and runoff are proxies for the removal of water from the ground or surface, negative NTFGW values indicate more water is leaving than coming-in, hinting at the use of groundwater.

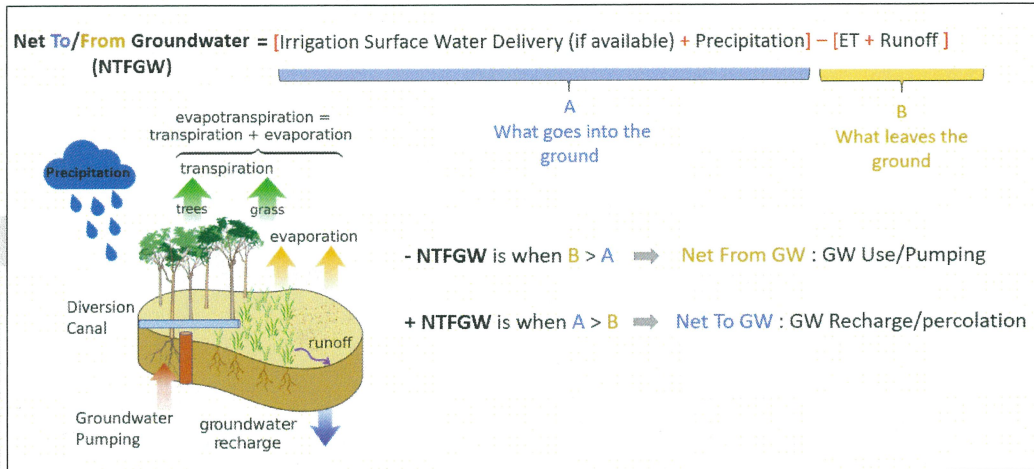


Figure 3: Model for estimation of NTFGW from remotely sensed ET, applied surface water, precipitation, and runoff.

GROWMAS

GROWMAS is an automated analytical tool developed by DCSE, Inc. to estimate and map ET and NTFGW for a given geographic boundary. For this project, GROWMAS estimated monthly NTFGW at the agricultural parcel-level for SEWD, NSJWCD, and CSJWCD in 2022.

GROWMAS operates by retrieving monthly ET raster from OpenET. Once the imagery is downloaded, a custom GIS tool calculates monthly ET statistics for each parcel. These monthly ET values are summed for each parcel to derive annual parcel-level ET. Finally, the annual ET values for all parcels within a district are tallied to produce annual district-level ET results.

Unlike ET, PRISM precipitation data was manually downloaded from the PRISM Climate Group's website and uploaded to each district's respective GROWMAS portal. However, like ET data processing, monthly precipitation statistics were automatically calculated at the parcel-level and then aggregated to produce monthly and annual precipitation totals for each parcel and each district.

Surface Water data was retrieved from SEWD, formatted in Excel, and uploaded to the GROWMAS Portal. As mentioned above, no runoff information was uploaded for this analysis. Once all necessary data was uploaded, the NTFGW tool was run to calculate and map monthly and annual NTFGW values.

2022 RESULTS

SEWD

The total NTFGW for SEWD in 2022 is -104,754. The negative NTFGW value indicates that more pumping occurred than recharge. Thus, the district had a net groundwater use of 104,753 AF, with annual pumping being 117,947 AF and annual recharge being 13,193 AF.

As shown in Figure 4, NTFGW becomes increasingly negative between April and July, a period when ET increases. By November and December, NTFGW is positive, signaling a period of groundwater recharge or percolation. These two months are characterized by high precipitation and low ET (See graphs A1 and A2).

In addition to deriving monthly and annual district-level NTFGW estimates for 2022, parcel-level results were calculated and mapped. For a map of annual parcel-level NTFGW, see Figure 5. As shown in Figure 5, annual recharge occurs primarily in the southeast portion of the district.

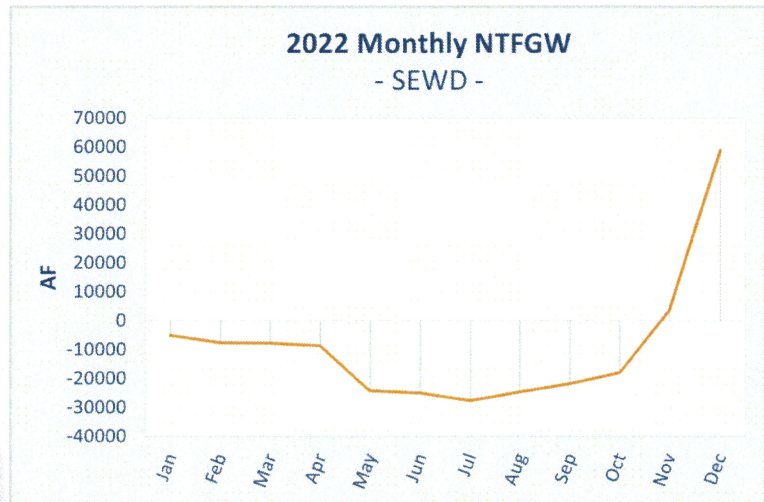


Figure 4: Timeseries graph of Monthly NTFGW for all parcels in SEWD.

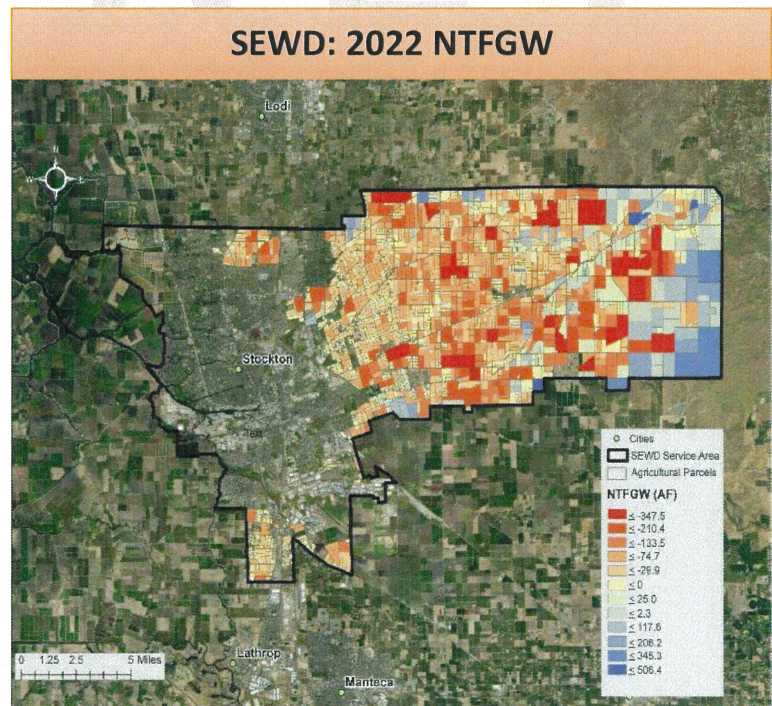


Figure 5: Annual NTFGW results for SEWD in 2022.

CSJWCD

The 2022 NTFGW estimate for CSJWCD is -137,985 AF. Net groundwater consumption is 137,985 AF, with an annual pumping of 140,059 AF and recharge is 2,074 AF. NTFGW declines from March to July, a period of high ET (Figure 6). Like SEWD, NTFGW becomes positive in November and December due to the intense rainfall and low ET.

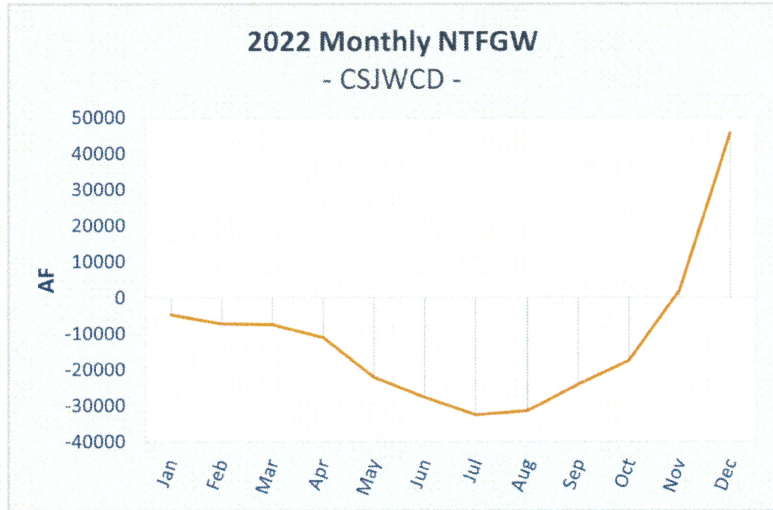


Figure 6: Monthly NTFGW results for all CSJWCD parcels.

Annual and monthly parcel-level NTFGW results for 2022 were estimated and mapped. Figure 7 is a map of the total annual parcel-level NTFGW values. This map shows annual recharge occurring in the northeast.

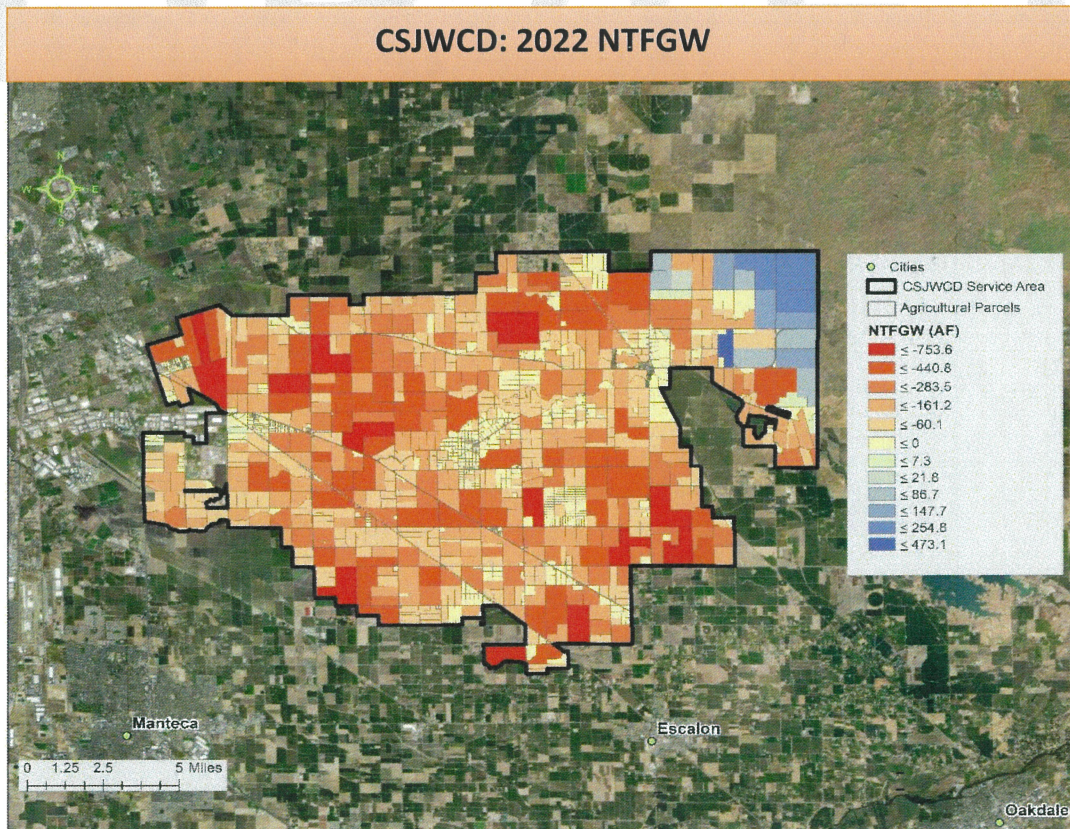


Figure 7: Map of annual NTFGW estimates for parcels in CSJWCD.

NSJWCD

NTFGW for NSJWCD is -88,676 AF. Thus, net pumping for 2022 is estimated to be 88,676 AF, with annual pumping being 100,325 AF and recharge being 11,649 AF. In June, there was a dip in ET, which is reflected in the NTFGW results (See graph A4).

Like CSJWCD and SEWD, annual and monthly parcel-level results for NSJWCD were estimated and mapped. Figure 9 shows annual parcel-level NTFGW results for 2022 within the district.

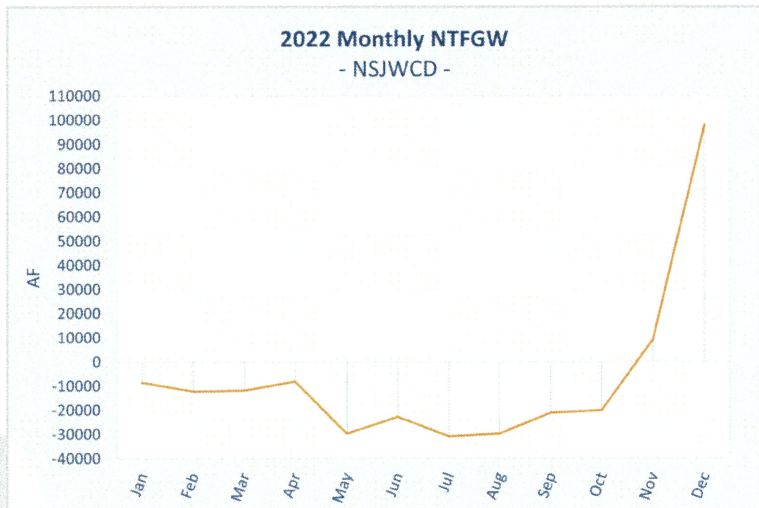


Figure 8: Monthly NTFGW results for 2022 in NSJWCD.

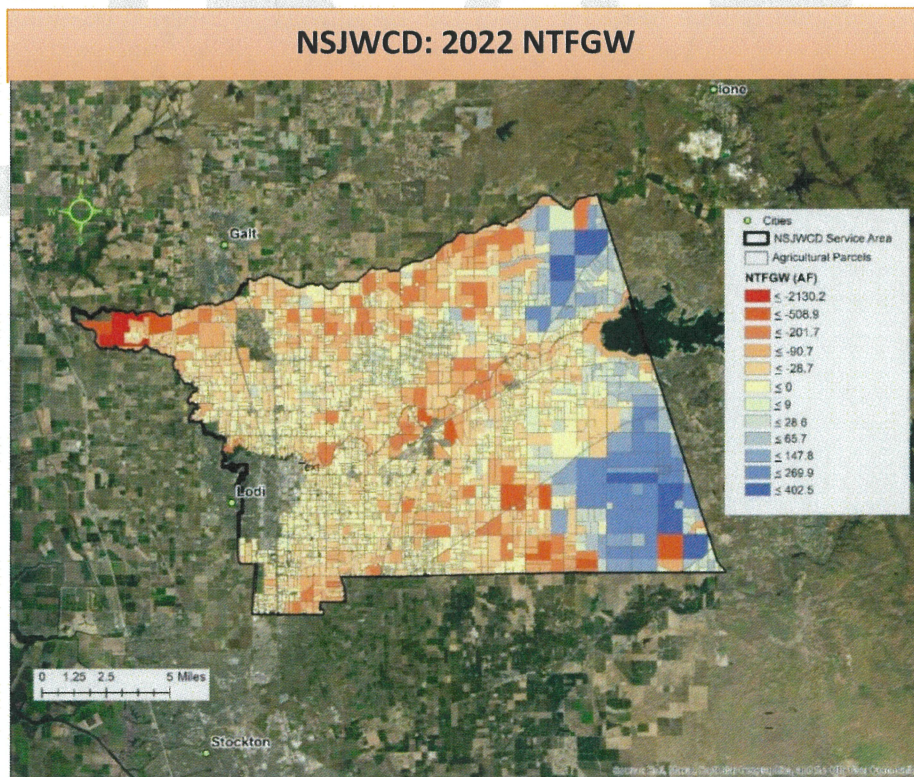


Figure 9: A map of parcel-level NTFGW results for NSJWCD.

District Comparison

For 2022, all districts have negative NTFGW values, indicating that more groundwater was extracted than recharged across the board. However, despite being a larger area, NSJWCD net consumption of groundwater was lower than SEWD and CSJWD. Two factors potentially contributed to this outcome: 1) NSJWCD received more rainfall than CSJWCD and SEWD in 2022, and 2) total annual ET for NSJWCD in 2022 is similar to the other districts (See graph A7 and A8).

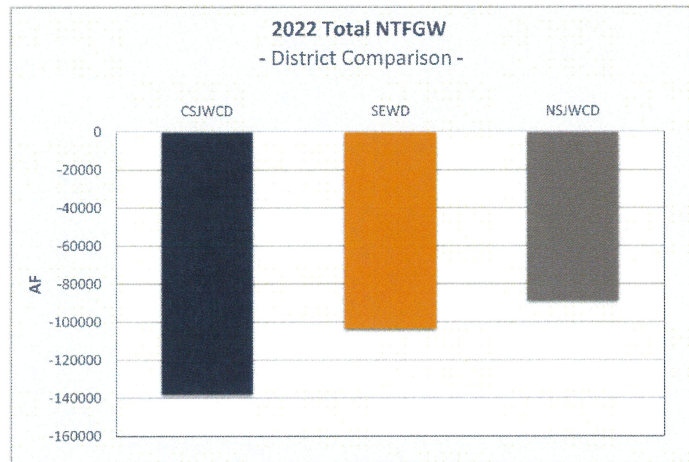


Figure 10: 2022 district-level NTFGW results for NSJWCD, CSJWCD, and SEWD.

COMPARATIVE ANALYSIS

An analysis of district-wide annual NTFGW results shows a reduction in net groundwater consumption for SEWD from 2021 to 2022 (Figure 11). According to the current NTFGW estimates, SEWD is the only district to have reduced groundwater consumption in 2022. This may be due to increased surface water deliveries and a lower total annual ET for SEWD in that year. While NSJWCD extracted less groundwater in 2022 than any other district, their groundwater consumption was higher in 2022 than in 2021. This uptick in groundwater consumption may be attributed to a decrease in precipitation for 2022 (See graph A10).

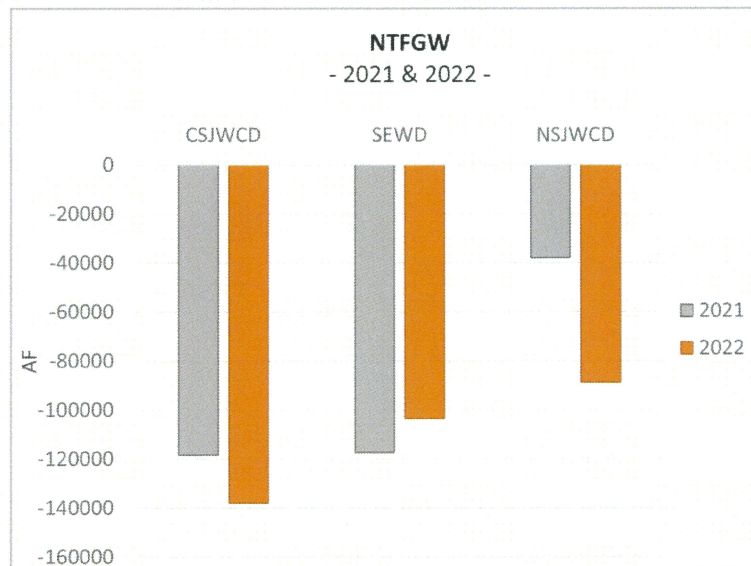
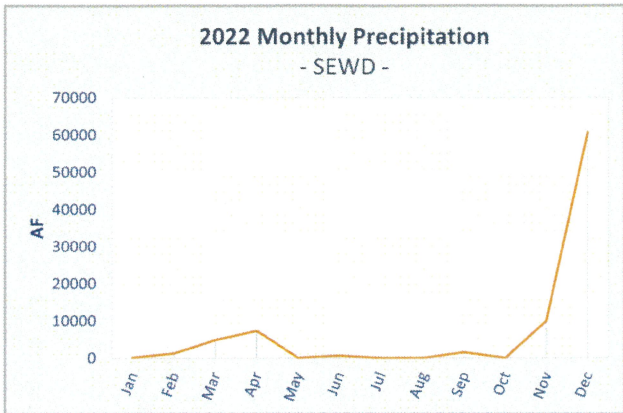
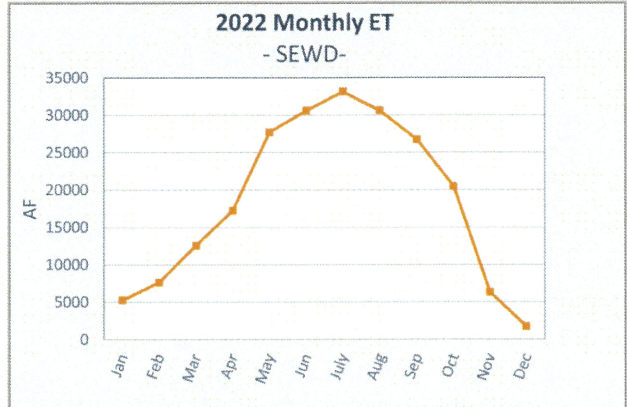


Figure 11: A comparison of 2021 and 2022 NTFGW for all districts.

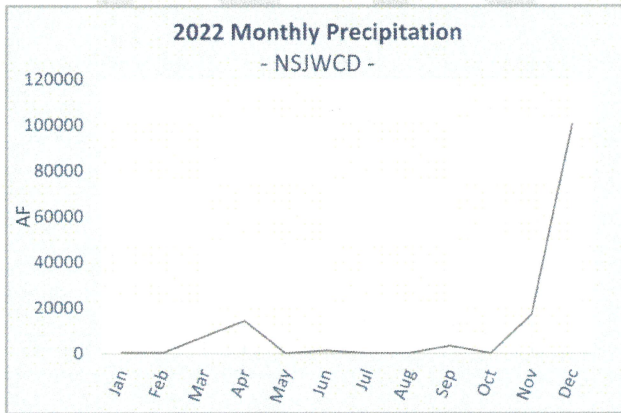
Appendix



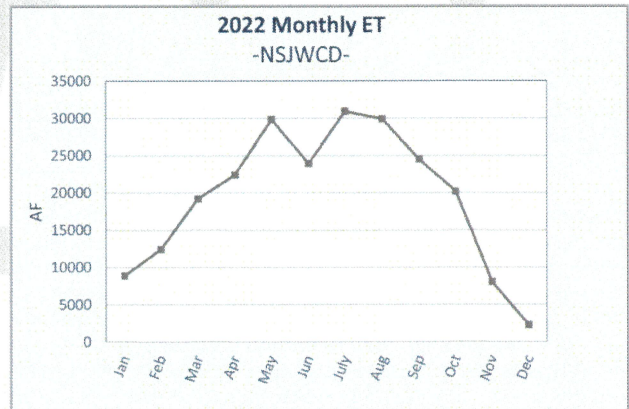
Graph A1: Total monthly precipitation for SEWD in 2022.



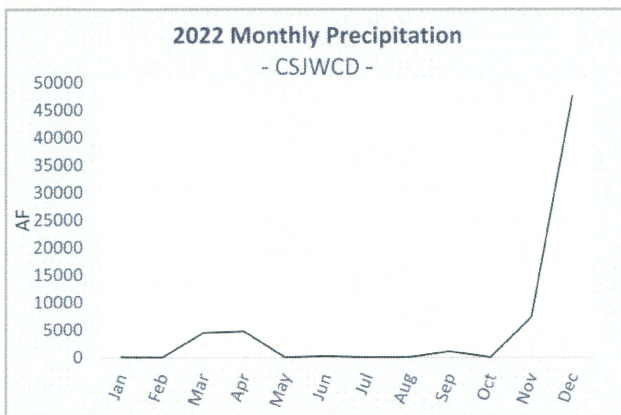
Graph A2: Total monthly ET for SEWD in 2022.



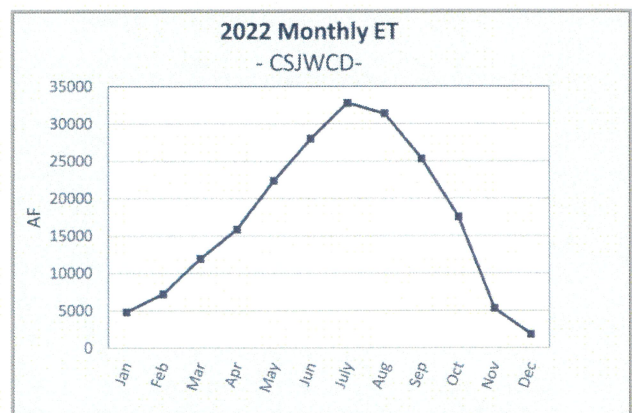
Graph A3: Total monthly precipitation for NSJWCD in 2022.



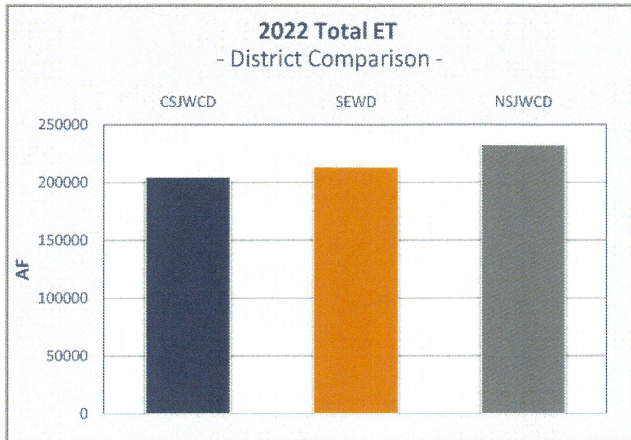
Graph A4: Total monthly ET for NSJWCD in 2022.



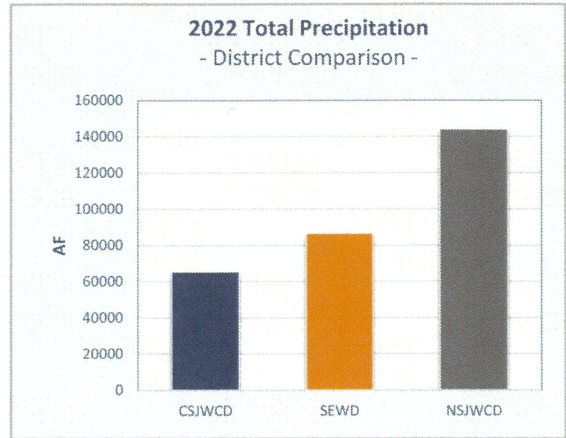
Graph A5: Monthly precipitation for CSJWCD in 2022.



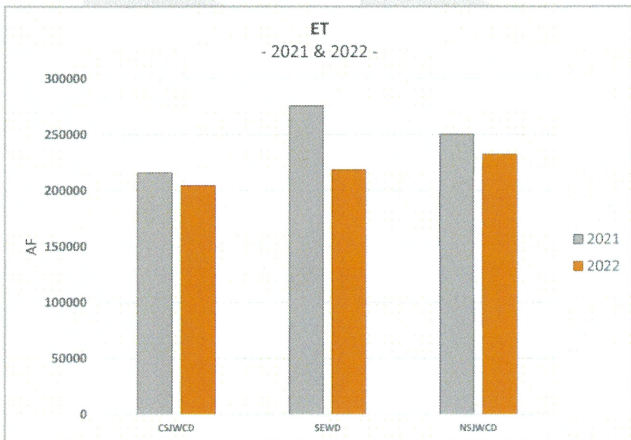
Graph A6: Monthly ET for CSJWCD in 2022.



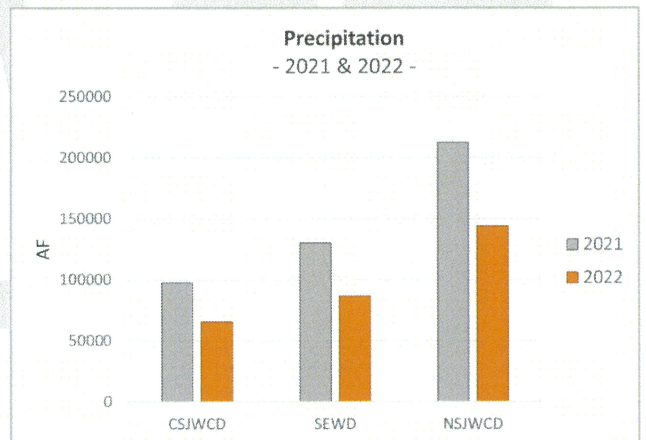
Graph A7: District-level comparison of total ET in 2022.



Graph A8: District-level comparison of precipitation for 2022.



Graph A9: Yearly comparison of total ET for all districts.



Graph A10: Yearly Comparison of total precipitation for all districts.

References

1. Adams, K. H., Reager, J. T., Rosen, P., Wiese, D. N., Farr, T. G., Rao, S., et al. (2022). Remote Sensing of groundwater: Current capabilities and Future Directions. *Water Resources Research*, 58(10). doi:10.1029/2022wr032219
2. Allen, R.G., Tasumi, M. and Trezza, R. (2007). Satellite-based energy balance for mapping evapotranspiration with internalized calibration (METRIC)—Model. *Journal of Irrigation and Drainage Engineering*, 133(4), pp. 380-394.
3. Allen, R.G., Morton, C., Kamble, B., Kilic, A., Huntington, J., Thau, D., Gorelick, N., Erickson, T., Moore, R., Trezza, R. and Ratcliffe, I. (2015). EEFlux: A Landsat-based evapotranspiration mapping tool on the Google Earth Engine. In 2015 ASABE/IA Irrigation Symposium: Emerging Technologies for Sustainable Irrigation-A Tribute to the Career of Terry Howell, Sr. Conference Proceedings. American Society of Agricultural and Biological Engineers. pp. 1-11.
4. Howes, D.J., Burt, C.M, and Hoffmann, L. (2014). Evaluating Net Groundwater Use from Remotely Sensed Evapotranspiration and Water Delivery Information. Presented at Evaluating Net Groundwater Use from Remotely Sensed Evapotranspiration and Water Delivery Information. Irrigation Association Irrigation Show. Phoenix, Arizona. November 17-21, 2014. pp. 15.
5. James, I. (2022, December 22). ‘Full-on crisis’: Groundwater in California’s Central Valley disappearing at alarming rate. *Los Angeles Times*.
6. Margat, J. and Van der Gun, J. (2013). *Groundwater around the World: A Geographical Synopsis*. Boca Raton, Fla., CRC Press.

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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, JULY 25, 2023 AT 12:30 P.M.

A. PLEDGE OF ALLEGIANCE AND ROLL CALL

President Atkins called the regular meeting to order at 12:30 p.m., and Administrative Assistant Wood led the Pledge of Allegiance.

Present at roll call at the District were Directors Atkins, Cortopassi, McGaughey, McGurk, Sanguinetti and Watkins. Also present were Assistant Manager Vega, Finance Director Ram, District Engineer Evensen, Maintenance Manager Higaes, Administrative Assistant Wood and Legal Counsel Zolezzi. Director Panizza, Manager Hopkins and Consultant Barkett were absent.

B. CONSENT CALENDAR (None)

C. PUBLIC COMMENT

D. SCHEDULED PRESENTATIONS AND AGENDA ITEMS

1. Minutes 07/18/23

A motion was moved and seconded to approve the July 18, 2023 Regular Board Meeting Minutes, as presented.

Roll Call:

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

2. Warrants – California Public Employees’ Retirement System

A motion was moved and seconded to approve the July 25, 2023 Warrants, as presented.

Roll Call:

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

3. Stockton East Water District – Podesta Reservoir Agreement for Annual Surface Water Use Memo

President Atkins provided the Board with a memo regarding an Annual Surface Water Use Agreement with Fred Podesta (Landowner). President Atkins reported the Board had previously been presented with this agreement which staff was directed to make additional edits citing the meter fee will be at the landowner’s expense.

a. Fred Podesta Farms LP – Annual Surface Water Use Agreement

President Atkins inquired why the District is installing a meter in the Podesta Reservoir. Director Watkins clarified the purpose of the meter is to measure how much surface water the

landowner is diverting. The landowner will be subject to SEWD's surface water fees for any water used in excess of 1,320 acre-feet annually. Discussion followed.

A motion was moved and seconded to approve the Annual Surface Water Use Agreement With Fred Podesta Farms LP, as presented.

Roll Call:

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

4. Association of California Water Agencies (ACWA) Official Region 4 Board Ballot 2024-2025 Term

Assistant Manager Vega presented the Board with an ACWA Official Region 4 Board Ballot for the 2024-2025 term. Assistant Manager Vega reported the nominating committee's recommended slate includes Brian Sanders for Chair, Kristin Sicke for Vice Chair, and Ronald Davis, Cary Keaton, Thomas D. Orvis, Andrew Watkins and David Weisenberger for board members.

A motion was moved and seconded to nominate the recommended slate to serve on the ACWA Region Board Committee 2024-2025 term, as presented.

Roll Call:

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

5. Resolution 23-24-06 – Adopting Appropriations Limit for Fiscal Year 2023-2024

- a. Stockton East Water District – 2023-2024 Appropriation Limit Calculations
- b. Office of Gavin Newson - Department Of Finance – Price Factor and Population Information Letter

A motion was moved and seconded to approve Resolution 23-24-06 – Adopting Appropriations Limit for Fiscal Year 2023-2024, as presented.

Roll Call:

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

6. Stockton East Water District – Procurement of Materials and Equipment for Hosie Low-Water Crossing Project and Proposed Budget Transfer Memo

Assistant Manager Vega provided the Board with a memo regarding the procurement of materials and equipment for Hosie Low-Water Crossing Project and a proposed budget transfer. Assistant Manager Vega reported the District has teamed up with various stakeholders to finalize the design of the Hosie Low-Water Crossing Project (Project). The District received a \$1,958,510 grant from the Department of Water Resources (DWR) to rebuild four low-water crossings. The low water crossings include Hosie, George Watkins, Fujinaka, and Hogan. As part of the construction, the

District is responsible for the procurement of materials, equipment, and permitting that pertain to the Project.

District staff has requested several cost proposals from various vendors for a 30 CFS- capacity pumping system to bypass the construction site for continued irrigation service and placement of a dam upstream of the construction area. The Board approved \$200,000 for the Fiscal Year Budget 2023-2024 for completion of the Project. Due to permitting delays, the Project timeline has been severely condensed, which in turn has caused costs to be slightly higher. Coupled with inflation, the Project budget will not be sufficient to cover the expected costs. A possible transfer from the George Watkins Crossing Project which will not be constructed this fiscal year due to design and permitting delays, would solve the issue. Table 1 shows the equipment, duration, and costs required for the Hosie Low-Water Crossing Project. Table 2 shows a summary of the cost of the 30 CFS bypass pumping, 275-ton crane, material and debris transportation, and the heavy construction rental equipment. Table 3 breaks down the proposed budget transfer.

Director Watkins inquired if the District has received approval of the permit for the Hosie Low-Water Crossing Replacement Project from the Central Valley Flood Protection Board (CVFPB). Assistant Manager Vega responded the CVFPB will be approving the permit as a consent item during the CVFPB Board Meeting on July 28th.

Director Cortopassi suggested staff compare each line expense and work with both ECCO and CAT Rentals to get the most cost-effective option. Director McGurk inquired if the District can cherry-pick from the two columns as shown in table 1 for heavy construction rental equipment. Assistant Manager Vega responded staff will work with ECCO and CAT Rentals to obtain the most cost-effective equipment.

Director Sanguinetti inquired if staff has considered what would happen if the 30 CFS pump bypass were to break down during irrigation system. Engineer Evensen responded there will be a gravity bypass pipe as well as both a duty and a standby pump in place.

A motion was moved and seconded to approve a budget transfer from account 10-5205-0 New Hogan Distribution – George Watkins in the amount of \$250,000 to account 10-5205-0 New Hogan Distribution – Hosie and approve equipment purchases in the amount of \$299,977.59 plus a 10% contingency of \$29,997.76 for the total amount of \$329,975.35, and make all other necessary approvals, as presented.

Roll Call:

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

E. COMMITTEE REPORTS

1. Stockton East Water District – Recharge Ad-Hoc Committee Meeting, 07/20/23

President Atkins, Director Cortopassi and Director Watkins attended the Recharge Ad-Hoc Committee Meeting on July 20th. President Atkins reported the committee discussed various ways to help replenish groundwater supplies. Topics discussed included a potential “DREAM” Project (West Linden Pressurized Irrigation and Aquifer Recovery Project), proposals on waterways (Clements Gravity Pipeline), percolation ponds, infiltration trenches and dry wells.

F. REPORT OF GENERAL MANAGER

1. Water Supply Report as of 07/18/23

Assistant Manager Vega 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 217,925 AF in storage at New Hogan Reservoir. Current releases are set at 236 cfs. There is 2,056,026 AF in storage at New Melones Reservoir. Current releases are set at 2,171 cfs. Current release at Goodwin Dam to Stanislaus River are set at 1,501 cfs and release to all water users are set at 3,251 cfs. There are 17 irrigators on New Hogan, 4 irrigators on New Melones, and 2 irrigators out of District. The water treatment plant is currently processing 46 mgd. The City of Stockton is currently processing 21 mgd.

2. Information Items:

Assistant Manager Vega noted item: F2a-1

Director Watkins suggested the District send a letter of support for AB 557 to CSDA. Assistant Manager Vega responded staff will draft a letter of support and bring back to the Board for consideration.

3. Report on General Manager Activities

a. Stockton East Water District Activities Update

Assistant Manager Vega reported a Central Ad-Hoc Committee meeting has been scheduled for August 3rd at 2:00 p.m.

Engineer Evensen reported the Motor Control Center (MCC) for the sodium hypochlorite disinfection facility has arrived. Staff is planning to test the operation of the facility in the next couple of weeks.

G. DIRECTOR REPORTS

1. Virtual Town Hall Will Feature Candidates for ACWA President, 07/19/23

Director Watkins attended the Virtual Town Hall meeting on July 19th. Director Watkins reported official candidates running for the 2024-'25 term shared their statements and participated in a Q&A session.

H. COMMUNICATIONS

I. AGENDA PLANNING/UPCOMING EVENTS

1. San Joaquin Farm Bureau Federation Monthly Water Committee Meeting, 5:00 p.m., 07/25/23

2. Eastern San Joaquin Water Accounting Framing Workshop #2, 10:00 a.m., 07/26/23

3. Eastern San Joaquin Groundwater Authority Technical Advisory Committee Meeting, 1:15 p.m., 07/27/23

J. REPORT OF THE COUNSEL

1. CONFERENCE WITH LEGAL COUNSEL – ANTICIPATED LITIGATION

Potential exposure to litigation – Government Code Section 54956.9 – one case

2. CONFERENCE WITH LEGAL COUNSEL – Personnel Government Code 54957

President Atkins adjourned the meeting to closed session at 1:12 p.m. to discuss closed session agenda items. The regular meeting reconvened at 1:33 p.m., with no reportable action.

K. ADJOURNMENT

President Atkins adjourned the meeting at 1:34 p.m.

Respectfully submitted,

Juan M. Vega
Secretary of the Board

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**STOCKTON EAST WATER DISTRICT
INVOICES FOR BOARD PACKAGE
AUGUST 01, 2023**

	Vendor name	Account #	Description	Amount	Invoice No.
			GROUNDWATER PROD. FUND 68		
1	PG&E 1289619691-7	10-5302-0	Electricity 06/09/23-07/10/23 6767 E Main-Extract Well South	93.16	12896196917-07/11/23
2	PG&E 1949656419-6	10-5302-0	Gas & Electric 06/03/23 -07/14/2023-TP-Electric Well#5	381.85	1949656419-6-7/14/23
3	PG&E 4758034525-5	10-5302-0	Electricity 06/09/23-07/10/23 6767 E Main-Extract Well North	82.48	47580345255-07/11/23
			GROUNDWATER PROD. FUND 68 TOTAL	\$557.49	

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**STOCKTON EAST WATER DISTRICT
INVOICES FOR BOARD PACKAGE
AUGUST 01, 2023**

	Vendor name	Account #	Description	Amount	Invoice No.
			ADMIN FUND 70		
4	Action Asap Delivery Service	10-5126-0	June 2023 courier services	680.00	92069
5	ACWA Joint Powers Insurance Authority	10-5128-0	Cyber liability program 07/01/23-06/30/24	6,059.00	INV014309
6	Boutin Jones Inc.	10-5162-0	Legal services 06/15/23-06/22/23	940.50	164333
7	Dameron Medical Group Inc.	10-5102-0	Annual Dive & DOT Exams	1,140.00	5712K8236
8	De Lage Landen Financial Services, Inc.	10-5124-0	Finance printer lease cancellation	879.54	500-50195430-contract
9	Employment Development Department	10-5043-0	Unemployment	1,350.00	L0856739920
10	Frontier Communications	10-5141-0	Linden Tel Directory listing for 07/07/23-08/06/23	13.49	530-1961403-07/07/23
11	Grainger, Inc.	10-5101-0	First aid kit supply-CPR filter shield/Wire splint	74.31	9755255065/9754153279
12	Grainger, Inc.	10-5101-0	First aid kit supply-Bandages & scissors/forceps	27.54	9754240035
13	HDS White Cap Construction Supply	10-5146-0	Marking paint to mark trench-SCADA Monitoring Integration	125.44	10018372507
14	Kyle Brothers	10-5101-0	2023 Safety shoe allowance reimbursement for K.Brothers	245.24	Shoe Reimb 2023
15	Platt Electric Supply Inc.	10-5147-0	Fasteners for McAllen Spill Site for Spill Sites Prj 2224	26.80	4E86455
16	Quill Corporation	10-5125-0	Office supplies ordered on 06/01/23	265.43	32797092
17	Red Wing Shoe Store	10-5101-0	2023 Safety shoe allowance for S.Bonnesen & M. Cervantes	500.00	835-1-105515/835-265942
18	Red Wing Shoe Store	10-5101-0	2023 Safety shoe allowance for C. Donis & R. Cruz	442.32	823-2-58295/835-1105395

**STOCKTON EAST WATER DISTRICT
INVOICES FOR BOARD PACKAGE
AUGUST 01, 2023**

	Vendor name	Account #	Description	Amount	Invoice No.
			ADMIN FUND 70		
19	Robert Half Finance & Accounting	10-5044-0	Temporary labor for week end 05/26/23-07/14/23	4,298.18	62082524/8626/6734
20	Stockton East Water District	10-1100-0	Petty cash -District Values	150.00	PettyCash07/20/23
21	Stockton East Water District	10-1100-0	Petty cash -Express shipping	27.90	PettyCash07/20/23
22	Stockton East Water District	10-1100-0	Petty cash -Cardstock for Admin supplies	10.88	PettyCash07/20/23
23	Stockton East Water District	10-1100-0	Petty cash -Office supplies	20.90	PettyCash07/20/23
24	Stockton East Water District	10-1100-0	Petty cash -Holiday potluck	20.00	PettyCash07/20/23
25	Stockton East Water District	10-1100-0	Petty cash -2022 CSDA mileage	5.57	PettyCash07/20/23
26	Stockton East Water District	10-1100-0	Petty cash -Meeting expense on 01/17/23	70.00	PettyCash07/20/23
27	Stockton East Water District	10-1100-0	Petty cash -District vehicle fuel	10.00	PettyCash07/20/23
28	Stockton East Water District	10-1100-0	Petty cash -USPS shipment on 01/31/23	4.15	PettyCash07/20/23
29	Stockton East Water District	10-1100-0	Petty cash - USPS shipment on 02/02/23	8.30	PettyCash07/20/23
30	Stockton East Water District	10-1100-0	Petty cash -Souper Bowl potluck	50.00	PettyCash07/20/23
31	Stockton East Water District	10-1100-0	Petty cash -District Values program on 02/03/23	50.00	PettyCash07/20/23
32	Stockton East Water District	10-1100-0	Petty cash -USPS certified mail	4.15	PettyCash07/20/23
33	Stockton East Water District	10-1100-0	Petty cash -Meal expense reimbursement	55.62	PettyCash07/20/23
34	Stockton East Water District	10-1100-0	Petty cash -Meeting expense on 04/26/23	26.00	PettyCash07/20/23
35	Stockton East Water District	10-1100-0	Petty cash -Overnight shipping to ACWA	28.75	PettyCash07/20/23
36	Stockton East Water District	10-1100-0	Petty cash -District values program 06/01/23	50.00	PettyCash07/20/23
37	Sunbelt Rentals, Inc	10-5146-0	Rental of Ditchwitch to dig trench for Extract Well-SCADA	821.82	141872431-0001
38	TPX Communications	10-5141-0	July 2023 telephone charges	2,748.91	172552236-0
39	Wagner & Bonsignore	10-5178-0	June 2023 Prof. services New Hogan Water Right	1,496.25	07-23-555
40	Wagner & Bonsignore	10-5166-0	Professional general services 06/01/23-New Melones Water Rights	551.25	07-23-541
41	Weatherby Reynolds Consulting Engineers, Inc.	10-5116-0	Reports for Wood Bridge structural analysis-Consultation project	2,475.00	39994
42	Wille Electric Supply Co, Inc.	10-5146-0	Conduit/fittings/adhesive for Extraction Well 1 for SCADA project	2,436.58	S2153489.001/S2153434
43	Wille Electric Supply Co, Inc.	10-5146-0	Conduit fittings for installation of UPS for SCADA application prj 2325	40.06	S2153734.001
44	Wille Electric Supply Co, Inc.	10-5146-0	Fuses for control panel for VFD-SCADA application prj 2325	13.52	S2151667.001
45	XRoads Networks, Inc	10-5141-0	Monthly StarLink SD-WAN by ZeroOutages ISP July 2023	345.00	ZO19007
			ADMIN FUND 70 TOTAL	\$28,588.40	

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**STOCKTON EAST WATER DISTRICT
INVOICES FOR BOARD PACKAGE
AUGUST 01, 2023**

Vendor name	Account #	Description	Amount	Invoice No.
		WATER SUPPLY FUND 71		
46 Badger Meter, Inc.	10-5203-0	Orion cellular endpoints for Meter Replacement prj 2316	3,774.61	1589063
47 Badger Meter, Inc.	10-5203-0	Pigtail cables for Meter Replacement prj 2316	382.65	1589787
48 Badger Meter, Inc.	10-5202-0	Cellular service for Orion cellular endpoints June 2023	122.55	80131811
49 HDS White Cap Construction Supply	10-5205-0	Rebar for Hosie Crossing Replacement Project 2319	4,422.06	50022928321
50 International Water Screens Co.	10-5217-0	LFC Replacement pumps for HWY 4 and birdcage	16,904.16	Z-1606
51 New Pig Corporation	10-5202-0	Floating spill boom for equipment maintenance over water	2,450.63	24026307-00
52 New Pig Corporation	10-5202-0	Retrieval hook and telescoping pole for boom	212.85	24026308-00
53 Pace Supply Corp.	10-5213-0	Foot valves for Duck Creek Trash Rack (2)	1,486.21	058712526
54 Pace Supply Corp.	10-5213-0	Foot valves for trash racks (4)	1,381.90	058729053
55 PG&E 1949656419-6	10-5213-0	Gas & Electric 06/03/23 -07/14/2023 BellotaBlickh-NM	327.56	1949656419-6-7/14/23
56 PG&E 1949656419-6	10-5202-0	Gas & Electric 06/03/23 -07/14/2023 Canal gate-NH	77.77	1949656419-6-7/14/23
57 PG&E 2333223109-3	10-5213-0	Electricity 06/12/23-07/12/23 Sonora Rd-NMCF	319.98	23332231093-07/13/23
58 PG&E 3117175782-1	10-5213-0	Electricity 06/16/23-07/18/23 Escalon Bellota trash rack	1,157.93	31171757821-07/19/23
59 PG&E 4252412479-1	10-5213-0	Electricity 06/15/23-07/17/23 Tulloch Rd (Goodwin Dam)-NMCF	27.10	42524124791-07/18/23

**STOCKTON EAST WATER DISTRICT
INVOICES FOR BOARD PACKAGE
AUGUST 01, 2023**

	Vendor name	Account #	Description	Amount	Invoice No.
			WATER SUPPLY FUND 71		
60	PG&E 5598232323-4	10-5213-0	Electricity 06/09/23-07/10/23 E Funck Rd Gates	610.25	55982323234-07/11/23
61	PG&E 6377610771-4	10-5213-0	Electricity 06/9/23-07/10/23 Copperopolis Rd trash rack	957.38	63776107714-07/11/23
62	PG&E 8683314685-4	10-5213-0	Electricity 06/12/23-07/12/23 Duck Creek trash rack	1,271.66	86833146854-07/13/23
63	Platt Electric Supply Inc.	10-5213-0	Selector switches for Duck Creek trash rack and Copperopolis	1,197.85	Y730407
64	Rexel USA Inc	10-5213-0	Selector switches for Copperopolis trash rack maintenance	291.11	S136917479.001
65	Rubicon Systems America Inc.	10-5202-0	Troubleshoot & replace Senca Ethernet Modules at Potter Creek	1,642.59	103119
66	San Joaquin County Sheriff Dept.	10-5202-0	May 2023 Temp workers-Weed abatement on Flood St	1,240.00	41419/41422
67	San Joaquin County Sheriff Dept.	10-5213-0	May 2023 Temp workers-Fine Rd/First St/Shelton Rd/TP	1,240.00	41415/41414
68	San Joaquin County Sheriff Dept.	10-5203-0	Debris removal for Tully Dam Replacement prj 2330	1,800.00	41064/41065/41066
69	San Joaquin County Sheriff Dept.	10-5213-0	C-Corp workers for filling & placing sandbags Farmington Dam	1,120.00	41062/41063
70	Sierra Hydrographic	10-5213-0	Monthly flow measurements at Tunnel Outlet thru 06/13/23	832.00	2292
71	Stockton Windustrial Co.	10-5213-0	Pipe fittings for Funck Rd trash rack	68.92	363504 01/363456 01
72	The Home Depot	10-5213-0	Fasteners for maintenance on Duck Creek trash rack	33.38	3423063
73	The Home Depot	10-5202-0	Fasteners for maintenance at Bellota Weir	23.25	1011036
74	UniFirst Corporation	10-5213-0	Weekly laundry service 07/13/23	113.50	2360004276
75	USACE Finance and Accounting	10-5201-0	MOA agreement on Water Resource Development on 07/18/23	139,425.00	MOA 07/18/23
76	Wagner & Bonsignore	10-5175-0	June 2023 Prof. services Calaveras River Application	472.50	07-23-530
			WATER SUPPLY FUND 71 TOTAL	\$185,387.35	

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**STOCKTON EAST WATER DISTRICT
INVOICES FOR BOARD PACKAGE
AUGUST 01, 2023**

Vendor name	Account #	Description	Amount	Invoice No.
		VEHICLE FUND 91		
77 AutoZone Stores Inc.	10-5182-0	Filters for Unit 79 and Unit 80	73.23	4036484305
78 AutoZone Stores Inc.	10-5182-0	Wiper blades for Unit 74	21.65	4036481017
79 Big Valley Ford	10-5182-0	Ignition coil and wiring assembly for Unit 64	187.99	597860
80 Brannon Tire Corp.	10-5182-0	Flat tire repair on Unit 80	23.95	20369116
81 Carquest Auto Parts	10-5182-0	Air filters to service Unit 48/Ground straps for Unit 37	98.08	8306-736094/737258
		VEHICLE FUND 91 TOTAL	\$404.90	

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**STOCKTON EAST WATER DISTRICT
INVOICES FOR BOARD PACKAGE
AUGUST 01, 2023**

	Vendor name	Account #	Description	Amount	Invoice No.
			MUNICIPAL & INDUSTRIAL FUND 94		
82	Capital Rubber Co., Ltd.	10-5321-0	Gaskets & clamps for connection of South Overflow Pond project	258.16	S159669
83	Carollo Engineers, Inc	10-5323-0	Hypochlorite disinfection progress bill through 06/30/23	12,462.95	FB38554-15
84	Chemtrade Chemicals US LLC	10-5301-0	Acidified alum delivered on 07/01/23-07/14/23	32,819.16	93567332-93570969
85	Comfort Air, Inc.	10-5326-0	Emergency Service for Ops HVAC	167.00	W10149
86	Contract Coatings Corp.	10-5326-0	Paint and supplies for Admin building	491.07	00059023/00058926
87	F.T.G. Construction Materials Inc.	10-5324-0	Crushed rock for landscaping & road maintenance at TP	1,522.65	0159107
88	FGL Environmental	10-5308-0	Inorganic analysis-Minerals, metals, wet-chemistry	945.00	337401A
89	FGL Environmental	10-5308-0	SUVA testing on 06/15/23	301.00	337999A
90	FGL Environmental	10-5308-0	Coliform bacti monitoring sampled on 06/23/23-0705/23	1,283.00	338343A-338943A
91	FGL Environmental	10-5308-0	Inorganic analysis-Wet chemistry-TDS,Conductivity,Bromine	80.00	338159A
92	Fresno Oxygen	10-5344-0	Treatment plant consumables on 06/30/23	55.07	63209152
93	Golden State Irrigation Services	10-5324-0	Pipe fittings & pipe for repairs to TP irrigation system	858.74	0033006-IN/3070/3113
94	Grainger, Inc.	10-5343-0	Portable air compressor for Unit 74	1,498.84	9765466892
95	Grainger, Inc.	10-5321-0	Valve rebuild kit for High Service Pump Station Surge Tank	449.32	9762895838

**STOCKTON EAST WATER DISTRICT
INVOICES FOR BOARD PACKAGE
AUGUST 01, 2023**

Vendor name	Account #	Description	Amount	Invoice No.
		MUNICIPAL & INDUSTRIAL FUND 94		
96 Grainger, Inc.	10-5344-0	Filter material for cabinets & hand soap	193.76	9768243819
97 Grainger, Inc.	10-5324-0	Quick coupling key & hose swivels for TP irrigation system	254.76	9756659133/52019
98 Grainger, Inc.	10-5341-0	Protective gear-Safety glasses (12)	42.28	9765123634
99 HDS White Cap Construction Supply	10-5341-0	Rain Suits for Electricians	45.74	10018373403
100 Holt of CA	10-5328-0	Rental of skid steer for installation of pergola	3,896.61	ER7205261010
101 Holt of CA	10-5328-0	Rental of roller for extension of corp yard	2,731.94	ER7205554010
102 Holt of CA	10-5323-0	Rental of breaker to install concrete pad at HSPS-Power 2307	2,404.12	ER7205369010
103 Horizon	10-5324-0	Pipe/fittings/adhesive/sprinklers to repair TP irrigation system	788.35	2B207791/2B207795
104 Instrument Technology Corporation	10-5322-0	Pipe/Cable locator with market locator and markers-vLOC3-Pro	8,098.21	22193
105 JCI Jones Chemicals, Inc	10-5301-0	Chlorine delivered on 7/18/23	12,239.75	918422
106 Larry's Tree Care	10-5324-0	Remove dead oak tree and grind stump at Treatment Plant	1,550.00	3343
107 Les Schwab Tire Center	10-5343-0	Tire replacement on ALLIS-CHALMERS DISC for Unit 52	142.78	67300259552
108 Northstar Chemical	10-5301-0	ACH delivered on 07/12/23	24,551.74	256491
109 PG&E 1949656419-6	10-5302-0	Gas & Electric 06/03/23 -07/14/2023-TP Electric	23.83	1949656419-6-7/14/23
110 PG&E 1949656419-6	10-5303-0	Gas & Electric 06/03/23 -07/14/2023 -TP-Natural gas	85.06	1949656419-6-7/14/23
111 PG&E 2544904013-5	10-5302-0	Electricity 05/22/23-06/20/23 TP HS @6749 E Main	101,543.87	25449040135-06/23/23
112 PG&E 3795916542-6	10-5302-0	Electricity 06/08/23-07/10/23 6767 E Main-North Raw Water	2,649.72	37959165426-07/11/23
113 PG&E 7493068226-0	10-5302-0	Electricity 06/15/23-07/17/23 Outdoor Light-TP	12.52	74930682260-07/17/23
114 Platt Electric Supply Inc.	10-5343-0	Insulated plyers for new electrician	163.76	4E85933
115 Platt Electric Supply Inc.	10-5344-0	Treatment plant consumables on 07/12/23	60.67	4F12721
116 San Joaquin County Sheriff Dept.	10-5324-0	May 2023 Temp workers-Main plant weed abatement	5,976.00	41409-41424
117 San Joaquin County Sheriff Dept.	10-5321-0	May 2023 Temp workers-Concrete form cleaning at TP	927.00	41416/41417
118 Southwest Valves, LLC	10-5323-0	Butterfly Valve for Low Lift P-1 Replacement with 150 HP Pump	19,267.81	9828
119 Stockton Scavengers/Waste Management Corp	10-5304-0	July 2023 garbage service @6767 East Main St	538.36	0069694-0051-1
120 Stockton Windustrial Co.	10-5321-0	Pipe/fittings/strut/fasteners to build shade on filter deck	1,486.51	363521 01
121 Stockton Windustrial Co.	10-5321-0	Pipe fittings & fasteners for installation of new booster pump in HSPS	149.88	362549 01/362863 01
122 Stockton Windustrial Co.	10-5326-0	Pipe fittings for installation of new ice machine in OPS	5.54	362964 01
123 SunE Solar Mission III LLC	10-5302-0	Energy produced on low/high side solar panels June 2023	37,227.13	PPA_10303-054/10272-54
124 The Home Depot	10-5321-0	PVC, fittings & adhesive to run electrical to conex boxes	161.27	1011057
125 UniFirst Corporation	10-5342-0	Weekly laundry service 07/13/23	323.02	2360004276

**STOCKTON EAST WATER DISTRICT
INVOICES FOR BOARD PACKAGE
AUGUST 01, 2023**

	Vendor name	Account #	Description	Amount	Invoice No.
			MUNICIPAL & INDUSTRIAL FUND 94		
126	Univar USA Inc.	10-5301-0	Caustic soda delivered on 07/07/23 & 07/17/23	25,577.62	51306995/324/671/603
127	Valley Springs Feed & Pet Supply	10-5321-0	WTP security supplies ordered on 07/07/23	45.03	0144
128	Wille Electric Supply Co, Inc.	10-5321-0	Conduit fittings to install control cabinet for booster pump	347.56	S2153526.001
129	Wille Electric Supply Co, Inc.	10-5321-0	Channel & anchors to build shade structure on filter deck	325.20	S2152982.001
130	Wille Electric Supply Co, Inc.	10-5321-0	Control cabinet for High Service Pump Station booster pump	226.52	S2151308.001
131	Wille Electric Supply Co, Inc.	10-5321-0	Wire & fuse for installation for booster pump in HSPS	187.33	S2153741.001
132	Wille Electric Supply Co, Inc.	10-5321-0	Seal & adhesive for sealing electrical cabinets at Low Lift	143.23	S2153745.001
133	Wille Electric Supply Co, Inc.	10-5326-0	Switch for Administration Managers Office	53.52	S2152110.001
			MUNICIPAL & INDUSTRIAL FUND 94 TOTAL	\$307,639.96	

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**STOCKTON EAST WATER DISTRICT
PAYROLL EXPENSES AUGUST 01, 2023**

Vendor name	Description	Amount
	ADMIN FUND 70	
1 SEWD Fund 01-General Fund	Payroll Date - 05/12/23	30,280.85
	Payroll Date - 05/26/23	33,445.17
	ADMIN FUND 70 PAYROLL TOTAL	\$ 63,726.02
	WATER SUPPLY FUND 71	
2 SEWD Fund 01-General Fund	Payroll Date - 05/12/23	34,857.11
	Payroll Date - 05/26/23	33,336.59
	WATER SUPPLY FUND 71 PAYROLL TOTAL	\$ 68,193.70
	MUNICIPAL & INDUSTRIAL FUND 94	
3 SEWD Fund 01-General Fund	Payroll Date - 05/12/23	113,740.80
	Payroll Date - 05/26/23	120,672.96
	MUNICIPAL & INDUSTRIAL FUND 94 PAYROLL TOTAL	\$ 234,413.76
	TOTAL FOR RBM 08/01/23	\$ 366,333.48

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**STOCKTON EAST WATER DISTRICT
INVOICES AND PAYROLL FOR BOARD PACKAGE
AUGUST 01, 2023**

Fund Number	Fund Summary	AP Amount	Payroll Amount
Fund 68	Groundwater Prod. Fund	557.49	
Fund 70	Administration Fund	28,588.40	63,726.02
Fund 71	Water Supply Fund	185,387.35	68,193.70
Fund 91	Vehicle Fund	404.90	
Fund 94	Municipal & Industrial Fund	307,639.96	234,413.76
	TOTAL FUND SUMMARY	\$522,578.10	\$366,333.48

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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 74 2019 Ford F250 S-Duty 4wd	Pickup Truck
Unit 75 2019 Ford F250 S-Duty 4wd	Pickup Truck
Unit 76 2020 Ford Escape	Automobile
Unit 79 2022 Ford F150	Pickup Truck
Unit 80 2022 Ford F150	Pickup Truck
Unit 81 2022 Ram 1500	Pickup Truck
Unit 82 2023 Toyota Tacoma	Pickup Truck
Unit 83 2023 Toyota Tacoma	Pickup Truck
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 77 2022 CAT Long Reach Excavator	Heavy Equip.
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 /25,900gvwr	Trailer
Unit 34 2000 Cartaway Tank Trailer /6000gvw	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
Unit 73 2002 Utility Trailer	Trailer
Unit 78 Utility Trailer	Trailer

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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
RMP	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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Memorandum

To: Board of Directors
From: Justin Hopkins, General Manager
Juan Vega, Assistant General Manager
Darrel Evensen, District Engineer
Manuel Verduzco, Senior Engineer
Date: August 1, 2023
Re: Installation of New Extraction Well No. 2 and Proposed Budget Amendment

Background

As part of the Stockton East Water District's (District) 2020 Urban Water Management Plan (UWMP), the District has planned the construction of a new extraction well to supplement the available surface water with banked groundwater. With the United States Bureau of Reclamation (USBR) providing zero allocation from New Melones Reservoir in 2022, the District had to rely on the New Hogan Reservoir as its sole surface water source. Additionally, all existing wells at the Water Treatment Plant (WTP) campus were turned on to supplement with banked groundwater supplies during the last drought. This set of circumstances created an urgent situation to install a new extraction well that may become operational during the hot summer months when the urban water demand is the highest.

As part of the District's 2022-2023 budget, the Board approved \$750,000 for the drilling and installation of a new extraction well. The Board approved execution of the contract with Purviance Drillers Inc. (Purviance) on July 5, 2022. Due to adverse weather conditions and Purviance sustaining damage to their drilling equipment that required repairs, the project was delayed into the new Fiscal Year (FY), 2023-2024. The budget included well construction, pump testing, pump installation, and the necessary mechanical, electrical, and civil components for the project.

Summary

District staff solicited a proposal from Purviance and procured an estimate of \$217,905.52 for drilling, casing installation and pump testing the new extraction well. With previously approved board contingency of 20%, the amount approved for the Purviance contract is \$261,487. The District signed the contract with Purviance for the work last fiscal year. In addition, the District will have to purchase and install pump, motor, soft-start, piping, electrical service, flow meter, etc.

Financial Impact

The Board approved a budget for FY 2022-2023 but was not included for FY 2023-2024 since the extraordinary delays were unexpected. In order to complete the project a budget transfer like the one seen in **Table 1** would be necessary.

Item	Fund	Account	Purpose	Beginning Balance	Transfer	Ending Balance
Transfer To	94	10-5323-0	Maintenance and Repair TP - Extraction Well No. 2	\$ -	\$ 605,000	\$ 605,000
Transfer From	94	10-5323-0	Maintenance and Repair TP - Ozonation Design	\$ 960,000	\$ (605,000)	\$ 355,000

Table 1. Proposed Budget Amendment

The FY 2023-2024 included \$960,000 for Ozonation Design. Although discussions are ongoing with the Urban Contractors about the desire to design and build an ozone addition to the District’s Treatment Plant, the likelihood of approval and expenditure of those funds are unlikely this fiscal year. Thus, the proposed amendment in **Table 1** aims to strike a balance between covering the work for Extraction Well No.2 and leaving enough funds in the Ozone Design Budget for other budget amendments as necessary.

Recommendation

Staff recommends the Board authorize the General Manager to approve proposed budget amendment delineated in **Table 1** to construct a new well, and other project related, costs and contingencies, for a total not to exceed amount of \$605,000, and make all other necessary approvals.

Memorandum

To: Board of Directors
From: Justin M. Hopkins, General Manager
Juan Vega – Assistant General Manager
Darrel Evensen – District Engineer
Kent Norman – Associate Engineer
Date: August 1, 2023
Re: Budget Amendment for Variable Frequency Drives for P1 Pump Replacement and P27 and Associated Installation Costs as well as Purchase of VFD for P27.

Background

The Stockton East Water District (District) Fiscal Year (FY) 2023-2024 approved budget includes funding for the replacement of the Low Lift Pump Station’s (LLPS) Pump P-1. Currently, the District has purchased the replacement pump, check valve and butterfly valve for the P-1 Replacement Project. The variable frequency drive (VFD) for the P-1 Replacement Project was not included in this fiscal year’s budget.

The VFD for P27 has been delayed almost two years and was not included in this fiscal year’s budget.

Summary

District staff, as a part of the LLPS P-1 Replacement project, received a quote from Wille Electric Supply Company for an ABB VFD. The District has standardized on ABB VFDs for their quality and availability. **Table 1** below lists the quote received from the vendor.

VFD Manufacturer	Vendor	Price	Lead Time
ABB	Wille Electric Supply	\$68,264	20 Weeks

Table 1 – ABB VFD Cost and Lead Time

The installation of LLPS P-1 is tentatively scheduled for the end of February 2024 based upon the lead time given by the manufacturer of the previously purchased 250 HP pump. The installation of the pump and associated piping will need to be contracted later this fiscal year, but staff has obtained preliminary estimates for the work to be done to install the pump. These preliminary estimates have been above the original engineering estimate of the cost to install the pump and new piping in LLPS and the need for more funding has been identified.

In addition to the above listed VFD purchase and funding of installation of P-1, the VFD for P-27 was ordered last fiscal year under its own approved budget from Rexel in the amount of \$125,374 and, due to industry delays, was not delivered for last fiscal year. The current delivery date for the VFD is estimated for November 2023. The cost of the VFD for P-27 was not budgeted for this FY 2023-2024.

Financial Impact

The original budget for the LLPS Pump P-1 Replacement project was \$380,000. Thus far the District has purchased the 250 HP replacement pump, check valve and butterfly valve,

leaving \$46,302 in the budget for all other electrical materials, appurtenances, and installation. The cost of the VFD for pump P-1 plus a 10% contingency will be \$75,090. The preliminary estimate of the installation of the pump plus a 10% contingency will be approximately \$165,000, and the estimated cost of all other electrical materials for P-1 is \$20,000. These three items total in the amount of \$260,090. The current project budget will not be sufficient to cover the expected costs for the electrical, installation and VFD. The Budget amendment required to cover these costs will be \$213,789 (VFD, install and electrical less current remaining budget) as can be seen in **Table 2**.

Line	Item	Amount	Calculation
A	Original Budget	380,000	
B	250 HP replacement pump, check valve, butterfly valve	333,698	
C	Current remaining budget	46,302	A-B
D	VFD for P-1 + 10% Contingency	75,090	
E	Installation of replacement Pump + 10% contingency	165,000	
F	Other electrical materials	20,000	
G	Remaining costs for LLPS1 Replacement Project	260,090	D+E+F
H	Difference (Required Budget Amendment)	(213,788)	C-G

Table 2. Budget Amendment Required for Completion of LLPS1 Replacement

In addition to the above listed items, the cost of the VFD for P-27 from Rexel is \$125,374. As this item was budgeted last year with the anticipation of the VFD arrival on the date given originally by the manufacturer, there are no funds set aside this fiscal year to pay for the VFD and funds will need to be budgeted towards the cost of the P-27 VFD this fiscal year. Both of the combined proposed budget amendments are listed in **Table 3**.

Item	Fund	Account	Purpose	Beginning Balance	Transfer	Ending Balance
Transfer To	94	10-5323-0	Maintenance and Repair TP - LLPS1 Replacement	\$ 46,302	\$ 214,000	\$ 260,302
Transfer To	94	10-5323-0	Maintenance and Repair TP - P-27 VFD	\$ -	\$ 125,400	\$ 125,400
Transfer From	94	10-5323-0	Maintenance and Repair TP - Ozonation Design	\$ 355,000	\$ (339,400)	\$ 15,600

Table 3. Proposed Budget Amendments for LLPS1 Project and P-27 VFD

The proposed budget amendment table assumes board approval of another board memo which also utilizes ozone design budget amounts unlikely to be used this fiscal year.

Recommendation

Staff respectfully recommends:

1. Approval of the budget amendment set forth in **Table 3**.
2. The Board authorize the General Manager approve purchase of the VFD from Wille Electric in the amount of \$68,264 plus a 10% contingency for a total of \$75,090, and make all other necessary approvals.

STOCKTON EAST WATER DISTRICT
RBM AUGUST 1, 2023
2022 WATER YEAR - AG CREDIT REFUND

AG

Line	Client Name	Refund Amount
1	SINGH & SONS FARMS INC	\$10.55
2	ZEPEDA, RAFAEL & L TR	\$13.90
3	OBRION, CATHERINE	\$32.42
4	STONER, MICHAEL & RENE	\$32.42
5	A & D RANCHES II LLC	\$34.00
6	BELLA TERRA LAND CO LLC	\$36.00
7	BECKER, GARRETT & RENEE TR	\$40.58
8	G.G. ORCHARDS, INC (SUSAN DEPOLO GRUPE)	\$43.00
9	LOVE, DAMIEN & LEONELLA	\$44.50
10	GOTELLI, A & P ETAL (CR 01-B)	\$45.00
11	BEDOLLA, FERNANDO CALDERON	\$46.55
12	NICORA, SILVIO D FAMILY TRUST	\$48.64
13	ARTHER, JASON L & ANGELINA	\$49.00
14	LAGORIO LAND COMPANY - L6 - 14351	\$49.00
15	MARCIANO, ROBERT TR	\$49.00
16	NUTRIEN AG SOLUTIONS C/O SIEMENS	\$49.00
17	ROBLES, JUAN DE DIOS	\$49.00
18	SAMBADO, B&L ENTERPRISES LLC	\$49.00
19	SANGUINETTI, PAUL MICHAEL	\$49.00
20	STANBERY, MICHAEL STEVEN & SHARON K	\$49.00
21	RESENDIZ, JOEL CHAVEZ	\$51.00
22	BUENROSTRO, ROBERTO ETAL	\$84.75
23	GARZA, ANITA	\$93.00
24	TODESCHINI, DELLA GAAR	\$95.55
25	OSHITA, STANLEY TAKAO	\$96.18
26	SCHOLL, DONALD & R TR	\$98.00
27	CADEMARTORI, ARDEN F LF EST	\$99.82
28	GUADAGNOLO, GARRETT E	\$102.90
29	BOCKMON, G A & C TR	\$113.12
30	PRATO, THOMAS L & B J	\$113.12
31	SANGUINETTI, STEVEN M	\$118.35
32	FLAHERTY, BRENDAN	\$133.77
33	UFFENS, GREGORY G	\$140.00
34	FIELD, GEORGE F ETAL	\$151.99
35	TENENTE, VERNETTA	\$154.89
36	CELLI BROTHERS LLC	\$158.07
37	PIZZI, ANGELINE ETAL	\$162.12
38	PODESTA, FRED	\$162.12
39	PODESTA, LORI	\$162.93
40	LUCCHESI, MARK J & J TR	\$174.64
41	GENETTI, ALLEN L TR	\$181.13
42	MOTOIKE, CLIFFORD TR 005	\$189.89
43	SHATTO VINEYARDS PTP	\$196.28
44	ZOLEZZI, CAROLYN	\$197.42
45	GENETTI, SHERRIE J TR	\$348.92
46	MOTOIKE, CLIFFORD TR	\$401.51
47	DAL PORTO FARMS INC	\$401.99
48	BRITTALIA VENTURES INC	\$452.31
49	CHELOTTI, ANTHONY & LYNDA	\$481.89
50	NASSANO FAMILY TRUST	\$1,083.26
	TOTAL	\$7,220.48

2022 WATER YEAR - M&I CREDIT REFUND

M&I

Line	Client Name	Refund Amount
1	SJC, COMMUNITY INF ENGIN, CSA46-1	\$38.63
2	BALLANTYNE HOLDINGS LLC C/O SPX CORP	\$231.05
3	STOCKTON RURAL CEMETERY	\$1,885.48
4	STOCKTON, CITY OF, CITY WELLS	\$837,928.34
	TOTAL	\$840,083.50

	President Atkins, Board of Directors	Priya Ram, Finance Director
	Justin M. Hopkins, Board Secretary	

STATEMENT OF CONSISTENCY
PURSUANT TO EXECUTIVE ORDER N-7-22
AND FINDINGS OF FACT
STOCKTON EAST WATER DISTRICT
GROUNDWATER SUSTAINABILITY AGENCY

WHEREAS, Stockton East Water District is the Groundwater Sustainability Agency for that portion of the Eastern San Joaquin Groundwater Basin (Basin); and

WHEREAS, on December 17, 2019, Stockton East Water District Groundwater Sustainability Agency (GSA) adopted the Eastern San Joaquin Groundwater Subbasin Groundwater Sustainability Plan (GSP); and

WHEREAS, on March 29, 2022 Governor Newsome adopted Executive Order N-7-22, which prohibits any county or other public agency from approving a permit for a “new groundwater well or for alteration of an existing well”

without first obtaining written verification from a Groundwater Sustainability Agency managing the basin or area of the basin where the well is proposed to be located that groundwater extraction by the proposed well would not be inconsistent with any sustainable groundwater management program established in any applicable Groundwater Sustainability Plan adopted by that Groundwater Sustainability Agency and would not decrease the likelihood of achieving a sustainability goal for the basin covered by such a plan.

WHEREAS, the GSP provides in Section 1.1.2:

The sustainability goal description for the Eastern San Joaquin Subbasin is to maintain an economically-viable groundwater resource for the beneficial use of the people of the Eastern San Joaquin Subbasin by operating the Subbasin within its sustainable yield or by modification of existing management to address future conditions. This goal will be achieved through the implementation of a mix of supply and demand type projects consistent with the GSP implementation plan (see Chapter 6: Projects and Management Actions).

WHEREAS, the GSP provides in Section 3.1:

Groundwater levels in the Subbasin may continue to decline during the implementation period. However, as projects are implemented and basin operations are modified, sustainable groundwater management will be achieved, and levels will stabilize on a long-term average basis. The Subbasin will be managed to prevent undesirable results throughout the implementation period, despite the possible decline of groundwater elevations. This sustainability goal is supported by locally-defined minimum thresholds that will avoid undesirable results. Demonstration of stable groundwater levels on a long-term average basis combined with the absence of undesirable results will ensure the

Subbasin is operating within its sustainable yield (see Section 2.3.6) and the sustainability goal will be achieved.

WHEREAS the GSP provides in Section 6.1:

Achieving sustainability in the Subbasin requires implementation of projects and management actions. The Eastern San Joaquin Subbasin will achieve sustainability by implementing water supply projects that either replace (offset) or supplement (recharge) groundwater to achieve the estimated pumping offset and/or recharge need of 78,000 acre-feet per year (AF/year), identified as the sustainable yield estimate. . . . Currently, no pumping restrictions have been proposed for the Subbasin; however, Groundwater Sustainability Agencies (GSAs) maintain the flexibility to implement such demand-side management actions in the future if need is determined.

WHEREAS the GSP provides in Section 6.3:

Management actions are generally administrative, locally implemented actions that the GSAs could take that affect groundwater sustainability. Management actions typically do not require outside approvals, nor do they involve capital projects. No management actions currently related to pumping activities or groundwater allocations have been proposed for the Subbasin; however, GSAs maintain the flexibility to implement such demand-side management actions in the future if need is determined.

WHEREAS the GSP provides in Section 7.5:

Each of the 16 GSAs are administered independently and involve meetings and oversight of individual GSA projects and programs. . . . Other administrative actions may involve tracking and evaluating GSP implementation and sustainability conditions as well as assessing the benefit to the Subbasin.

WHEREAS, the GSP provides in Section 7.6:

SGMA requires that GSPs be evaluated regarding their progress towards meeting the approved sustainability goals at least every 5 years and to provide a written assessment to DWR. An evaluation must also be made whenever the GSP is amended. A description of the information that will be included in the 5-year report is provided below and would be

WHEREAS the GSP provides in Section 7.1 that annual reports required by SGMA will continually monitor movement towards sustainability and will:

. . . contain a description of current groundwater conditions for each sustainability indicator and will include a discussion of overall Subbasin sustainability. Progress towards achieving interim milestones and measurable objectives will be included, along with an evaluation of groundwater quality and groundwater elevations (being used as direct or proxy measures for several sustainability indicators) in relation to minimum thresholds.

. . . describe the current status of project and management action implementation since the previous 5-year report.

WHEREAS, in Section 7.6 of the GSP it is clear that each 5-year report:

will include a reconsideration of GSP Elements. As additional monitoring data are collected during GSP implementation, land uses and community characteristics change over time, and GSP projects and management actions are implemented, it may become necessary to revise the GSP. This section of the 5-year report will reconsider the basin setting, management areas (if applicable), undesirable results, minimum thresholds, and measurable objectives. If appropriate, the 5-year report will recommend revisions to the GSP. Revisions would be informed by the outcomes of the monitoring networks, and changes in the Subbasin, including but not limited to, changes to groundwater uses or supplies and outcomes of project implementation.

WHEREAS in Section 7.6.7 of the GSP it is clear that each GSA may take enforcement or legal actions to support sustainability.

WHEREAS, Section 7.6.8 of the GSP notes that “[a] description of amendments to the GSP will be provided in the 5-year report, including adopted amendments, recommended amendments for future updates, and amendments that are underway during development of the 5-year report”; and

WHEREAS, Section 10726.4(b) of the Water Code provides that GSAs are not authorized to issue permits for the construction, modification, or abandonment of groundwater wells, except as authorized by a county with authority to issue those permits; and

WHEREAS, Section 10726.8(b) of the Water Code provides that GSAs do not have the authority make a binding determination of the water rights of any person or entity; and

WHEREAS, on July 27, 2023 the Stockton East GSA received from San Joaquin County a well permit application for a well on 6699 E Route 88, Stockton, CA;

WHEREAS, this document constitutes written verification pursuant to Executive Order N-7-22;

WHEREAS, nothing in this Statement shall be read as interfering with the authority of San Joaquin County to approve, disapprove, or condition any groundwater well permit project pursuant to its permitting authority.

NOW, THEREFORE,

1. Be it resolved that based on the projects and management actions set forth in the GSP, the continual monitoring and 5 years updates to the GSP, and Stockton East GSA's commitment to implementing all projects, management actions or pumping restrictions required to achieve sustainability, the Board of Directors of the Stockton East Water District Groundwater Sustainability Agency makes the following findings:
 - A. Groundwater extraction by the proposed well would not be inconsistent with any sustainable groundwater management program established in the GSP; and
 - B. Groundwater extraction by the proposed well would not decrease the likelihood of achieving a sustainability goal for the Basin.
2. Be it further resolved that all well owners within the GSA shall be aware that if projects and management actions do not achieve the desired sustainability goals outlined in the GSP, the GSA may be forced to implement demand-side management actions in the future if need is determined, including, but not limited to, pumping restrictions.

PASSED AND ADOPTED at regular meeting of the Board of Directors of Stockton East Water District on August 1, 2023 by the following vote:

Ayes:
Noes:
Absent:
Abstain:

DRAFT

Richard Atkins, President
Board of Directors
Stockton East Water District

ATTEST:

DRAFT

Justin M. Hopkins, Secretary
Board of Directors
Stockton East Water District

WELL/PUMP PERMIT

SAN JOAQUIN COUNTY ENVIRONMENTAL HEALTH DEPARTMENT

1868 EAST HAZELTON AVENUE - STOCKTON CA 95205 - (209) 408-3420

NON-REFUNDABLE PERMIT

CALL (209) 953-7697 FOR INSPECTIONS

EXPIRES 1 YEAR FROM DATE ISSUED

JOB ADDRESS	10999 E. ST RT 88		City/ZIP	Stockton
CROSS STREET	Fairchild	APN 087-170-220	PAGE SIZE	15% LAND USE APPLICATION #
OWNER NAME	David Rajkovich		PHONE	(209) 993-8302
OWNER ADDRESS	5220 N. Ashley Ln		CITY/STATE/ZIP	Stockton
CONTRACTOR	Castle Well Drilling		PHONE	(209) 968-0104
CONTRACTOR ADDRESS	PO Box 1446		CITY/STATE/ZIP	Riverbank, CA 95130
SUBCONTRACTOR	n/a		PHONE	
SUBCONTRACTOR ADDRESS			CITY/STATE/ZIP	
LICENSE	<input checked="" type="checkbox"/> 57	<input type="checkbox"/> C-61	<input type="checkbox"/> D-09	<input type="checkbox"/> Other
NUMBER	104803		EXPIRATION DATE	9/24

SITE ADDRESS:

DOMESTIC WELL SAMPLING: General Mineral/Coliform Bacteria (4391) Dibromochloropropane (4392) Arsenic (4393)

INTENDED USE	<input type="checkbox"/> Domestic/Private <input checked="" type="checkbox"/> Irrigation/Agricultural <input type="checkbox"/> Industrial <input type="checkbox"/> Water Quality Monitoring <input type="checkbox"/> Soil Sampling/Characterization			
	<input type="checkbox"/> Public Water System If different from Owner _____		Water System Name _____ Contact Name or Phone Number _____	

TYPE OF WORK	<input type="checkbox"/> New Well <input checked="" type="checkbox"/> Replacement Well <input type="checkbox"/> Well Alteration/Modification <input type="checkbox"/> Other _____			
	<input type="checkbox"/> Monitoring Well(s) _____ # of wells _____		<input type="checkbox"/> Soil Boring(s) _____ # of borings _____ <input type="checkbox"/> Geotechnical _____ # of borings _____	
	<input type="checkbox"/> Out-Of-Service Well _____		<input type="checkbox"/> Out-Of-Service Well Renewal <input type="checkbox"/> Cross-Connection Repair	
	<input type="checkbox"/> New Pump <input type="checkbox"/> Pump Replacement <input type="checkbox"/> Pump Repair		<input type="checkbox"/> Raise Well Casing	

WELL CONSTRUCTION				
Drilling Method	<input checked="" type="checkbox"/> Mud Rotary <input type="checkbox"/> Air Rotary <input type="checkbox"/> Auger <input type="checkbox"/> Cable Tool <input type="checkbox"/> Push Point <input type="checkbox"/> Other _____			
Proposed Well	Depth 300 ft	Excavation 16 in diameter	<input type="checkbox"/> Open Bottom	<input checked="" type="checkbox"/> Gravel Pack/Gravel Size _____ in diameter
	<input type="checkbox"/> Conductor Casing _____ in diameter / Conductor Casing Depth _____ ft			
Well Casing	Diameter 10 in	Thickness/Gauge/ASTM Sched 5021	<input type="checkbox"/> Steel	<input checked="" type="checkbox"/> Plastic <input type="checkbox"/> Stainless Steel <input type="checkbox"/> Other _____
Grout Seal	Depth 50 ft	<input type="checkbox"/> Neat Cement (94 lb bag/5-10 gal water)	<input type="checkbox"/> Sand Cement _____ sack mix/7 gal water	
	<input checked="" type="checkbox"/> Bentonite (20% solids) <input type="checkbox"/> Other _____			
Grout Placement Method	<input type="checkbox"/> Pumped <input type="checkbox"/> Free Fall <input type="checkbox"/> Other _____ <input type="checkbox"/> Retardant / Accelerator (name) _____			

PEDESTAL	Installed By <input type="checkbox"/> Driller <input type="checkbox"/> Pump Contractor <input type="checkbox"/> Other _____			
	<input type="checkbox"/> Concrete Pedestal <input type="checkbox"/> Dimensions: Width _____ ft Length _____ ft Thick _____ in			
	<input type="checkbox"/> Christy Box <input type="checkbox"/> Stove Pipe			

PUMP	<input type="checkbox"/> Submersible <input type="checkbox"/> Turbine <input type="checkbox"/> Other _____ HP _____ Pump Set _____ ft Standing Water Level _____ ft			
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Plot Plan Requirements: Attach a plot plan with the exact location of water well with respect to the following items: GPS Coordinates, property lines, adjoining properties, water bodies or courses, drainage pattern, roads, existing wells, structures, potential sources of contamination, sewers or private disposal systems. Include distance from two property lines. For Domestic, Agriculture, Industrial well, provide location of any water wells or surface water within 200' radius of proposed well.

MINIMUM 24 HOUR ADVANCE NOTICE REQUIRED FOR INSPECTIONS - PLEASE CALL (209) 953-7697

DEPARTMENT USE ONLY

Application Accepted By _____	Date _____	Area _____	Employee ID# _____
Grout Inspection By _____	Date _____	<input type="checkbox"/> SPECIAL Well Permit	
Pump Inspection By _____	Date _____	<input type="checkbox"/> WAIVER Received	
Soil Boring Inspection By _____	Date _____	Constructed Well Depth _____ ft	

COMMENTS _____

PE Codes	SC Info	Received By	Check#/Cash	Amount Remitted	Date	Permit/Service Request #	Invoice #	Well ID#

EMAILED



Environmental Health Department

New Well Information

Pursuant to California Water Code, Section 13808, all new wells that do not meet the exemption criteria must submit the following required information, to the extent that can be reasonably known. The Environmental Health Department must collect this information before a new well permit is issued and must post the information on the Department's website for public information.

WELL LOCATION AND OWNER INFORMATION			
Well Location Address:	1699 Waterloo Rd	City:	Stockton
Well Location APN:	087-170-220		
Well Latitude:		Well Longitude:	
Flood Plain Designation:		Well Elevation:	
Applicant Name:	Castle Well Drilling	Applicant Title:	Driller
Applicant Address:	PO Box 1646	City:	Riverbank
Applicant Phone:	209 908-0104	Applicant email:	
Property Owner Name:	David Rajkovich Inc		
Property Owner Address:	5220 N. Ashley Ln	City:	Stockton
Property Owner Phone:	209 993-8302	Property Owner email:	

PROPOSED WELL INFORMATION			
Well Total Depth (ft):	300	Acres to be Served by Well:	15
Use of Well:	<input type="checkbox"/> Domestic <input checked="" type="checkbox"/> Irrigation <input type="checkbox"/> Small Public Water Supply <input type="checkbox"/> Municipal Public Water Supply <input type="checkbox"/> Industrial <input type="checkbox"/> Stock <input type="checkbox"/> Other:		
Depth of Corcoran Clay (ft):			
Proposed Well Capacity (gal/ft):		Estimated Pumping Rate (gal/min):	200 gpm
Anticipated Pumping Schedule (gal/day):	36,000	Estimated Annual Extraction Volume (acre-feet):	12 ac. feet/yr
Estimated Cumulative Extraction Volume before January 1, 2020 (acre-feet):			

EXISTING WELLS INFORMATION			
Total Number of Existing Wells on Property: <u>2</u>			
Please complete the information below for every well on property. Use extra paper if needed			
Well #1 Information			
Use of Well:	<input checked="" type="checkbox"/> Domestic <input type="checkbox"/> Irrigation <input type="checkbox"/> Small Public Water Supply <input type="checkbox"/> Municipal Public Water Supply <input type="checkbox"/> Industrial <input type="checkbox"/> Stock <input type="checkbox"/> Other:		
Total Depth (ft):	300	To:	From:
Casing Diameter (in):	6"	<input type="checkbox"/> Open Bottom or Screen Interval (ft):	To: From:
Pumping Rate (gpm):		To:	From:
Annual Extraction Volume (acre-feet):		<input type="checkbox"/> Estimated <input type="checkbox"/> Measured	
Specific Capacity (gal/min/ft):			
Other Pumping Tests Performed:		Test Result:	

Well #2 Information						
Use of Well	<input type="checkbox"/> Domestic	<input checked="" type="checkbox"/> Irrigation	<input type="checkbox"/> Small Public Water Supply	<input type="checkbox"/> Municipal Public Water Supply	<input type="checkbox"/> Industrial	<input type="checkbox"/> Stock
	<input type="checkbox"/> Other:					
Total Depth (ft)	220'		To:	From:		
Casing Diameter (in)	10"	<input type="checkbox"/> Open Bottom or Screen Interval (ft)	To:	From:		
Pumping Rate (gpm)			To:	From:		
Annual Extraction Volume (acre-feet)			<input type="checkbox"/> Estimated <input type="checkbox"/> Measured			
Specific Capacity (gal/min/ft)						
Other Pumping Tests Performed:					Test Result:	

Well #3 Information						
Use of Well	<input type="checkbox"/> Domestic	<input type="checkbox"/> Irrigation	<input type="checkbox"/> Small Public Water Supply	<input type="checkbox"/> Municipal Public Water Supply	<input type="checkbox"/> Industrial	<input type="checkbox"/> Stock
	<input type="checkbox"/> Other:					
Total Depth (ft)			To:	From:		
Casing Diameter (in)		<input type="checkbox"/> Open Bottom or Screen Interval (ft)	To:	From:		
Pumping Rate (gpm)			To:	From:		
Annual Extraction Volume (acre-feet)			<input type="checkbox"/> Estimated <input type="checkbox"/> Measured			
Specific Capacity (gal/min/ft)						
Other Pumping Tests Performed:					Test Result:	

WATER TABLE INFORMATION			
	Depth (ft):	Source of Reference:	Date of Reference:
Current Water Table:			
Highest Water Table:			
Lowest Water Table:			
Recharge Area:		Recharge Rate:	

SITING INFORMATION					
Distance To Nearest (ft):	Onsite:	Offsite:	Distance To Nearest (ft):	Onsite:	Offsite:
Wastewater Treatment System:			Transmission Lines:		
Onsite Well:			Pond/Lake:		
Sewer Lines:			Stream/River:		
Animal of Fowl Enclosure:					

MAP INFORMATION
A map of the well location must be attached to this form and shall include the following information:
<ul style="list-style-type: none"> • Legal lot and parcel dimensions. • All well locations on legal lot and parcel with type and use information shown for each well. • Distance from proposed well to any potential sources of pollution onsite and on adjacent properties, including: <ul style="list-style-type: none"> ○ Existing or proposed onsite sewage treatment systems, wells, animal or fowl enclosures, transmission lines, sewer lines. ○ Distance from ponds, lakes, and streams within 300 feet. ○ For wells below Corcoran clay, map must show location of canals, ditches, pipelines, utility corridors, and roads within two miles.

I hereby certify that the information I have provided is accurate and truthful to the extent reasonably known.

Signed: DN Biele Date: 6-14-23

Information Provided By: Well Driller Well/Property Owner Other: _____



PROGRAM COORDINATORS

Jeff Carruesco, REHS, RDI

Willy Ng, REHS

Steven Shih, REHS

Elena Manzo, REHS

Natalia Subbonitkova, REHS

July 27, 2023

MEMORANDUM

TO: Justin Hopkins, Stockton East Water District GSA

FROM: Steven Shih, Program Coordinator (209) 468-9850; sshih@sjgov.org

SUBJECT: **GSA Verification Statement for Proposed Well at 6699 E. State Route 88, Stockton**

State of California Executive Order N-7-22, effective on March 28, 2022, states that to protect health, safety, and the environment during this drought emergency the County shall not approve a permit for a new groundwater well or for alteration of an existing well within a basin subject to the Sustainability Groundwater Management Act and classified as medium or high-priority without first obtaining written verification from that basin's Groundwater Sustainability Agency (GSA). The GSA's written verification must include a determination that the extraction would not be (1) inconsistent with any sustainable groundwater management program established in any applicable Groundwater Sustainability Plan (GSP) adopted by that GSA, and (2) would not decrease the likelihood of achieving a sustainability goal for that basin covered by such a plan.

This written verification is not required for permits for wells that will provide less than two acre-feet per year of groundwater for individual domestic users, or that will exclusively provide groundwater to public water supply systems as defined in section 116275 of the Health and Safety Code.

Pursuant to Executive Order N-7-22, we request that you complete the verification statement below regarding this proposed well and return it by email to sshih@sjgov.org with the following subject line: GSA Verification Statement.

6699 E. State Route 88, Stockton

To: Steven Shih, Program Coordinator

San Joaquin County – Environmental Health Department

Proposed Well at 6699 E. State Route 88, Stockton

GSA: _____ South Delta Water Agency GSA _____

1. Consistency with the GSP:

- The proposed well is consistent with the GSP applicable to the basin area managed by the GSA named above.
- The proposed well is inconsistent with the GSP applicable to the basin area managed by the GSA named above.

2. Impact on GSP Sustainability Goal(s):

- The proposed well will not decrease the likelihood of achieving a sustainability goal for the basin area managed by the GSA named above.
- The proposed well will decrease the likelihood of achieving a sustainability goal for the basin area managed by the GSA named above.

By: _____; Date: _____

Title: _____

Enclosures: Well Permit Application

Well Permit Application Parcel Map

Drought Executive Order N-7-22

Department of Water Resources, Fact Sheet re Drought Executive Order N-7-22
(Action 9)



Alachua Golf & Country Club

Stockton Golf & Country Club

Casa Mela

Waterloo Rd

New well is 460 ft from N property & 115 from East property line

New 10 inch Ag Well

10 inch Existing Ag well is 70 ft to new well

Existing Domestic Well 80 ft to new well

Memorandum

To: Board of Directors
From: Justin M. Hopkins, General Manager
Juan Vega – Assistant General Manager
Darrel Evensen – District Engineer
Kent Norman – Associate Engineer
Date: August 1, 2023
Re: Eight Mile Dam Replacement NEPA Compliance Services

Background

The Stockton East Water District’s (District) Fiscal Year (FY) 2023-2024 approved budget includes funding for the Eight Mile Dam Replacement Project. Subsequent to budget approval, the District was awarded a United States Bureau of Reclamation (USBR) WaterSMART grant for \$100,000. In order to comply with the grant agreement, National Environmental Policy Act (NEPA) permitting must be completed.

Summary

NEPA permitting requires a cultural and biological report. Staff reached out to three environmental permitting agencies (Dokken Engineering, ECORP Consulting, Inc., and Condor Environmental Inc.) to receive quotes for the cultural report, biological report, and the necessary NEPA correspondence. **Table 1** below lists the quotes received from Dokken Engineering and ECORP Consulting. Condor Environmental Inc. did not respond.

Consultant Firm	Quote
Dokken Engineering	\$25,990
ECORP Consulting Inc.	\$82,172

Table 1. Quotes for NEPA Compliance Items

Financial Impact

The approved budget for this project for FY 2023-2024 is \$280,000. The USBR grant was received after the budget was devised and approved and represents an additional \$100,000 of funding for this project.

Recommendation

Staff recommends the Board authorize the General Manager to approve the scope of work with Dokken Engineering in the amount of \$25,990 plus a 10% contingency of \$2,599 for a total amount of \$28,589, and make all other necessary approvals.

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Weekly Water Report	As of: July 25, 2023	As of: August 1, 2023
New Hogan (NHG) TOC	317,100	AF
Storage:	217,925	AF
Net Storage Change:	-6,675	AF
Inflow:	16	CFS
Release:	236	CFS
New Melones (NML) Allocation	75,000	AF
Storage:	2,053,324	AF
Net Storage change:	-10,696	AF
Inflow:	2,244	CFS
Release:	3,453	CFS
Source: CDEC Daily Reports		

Goodwin Diversion (GDW)		
Inflow (Tulloch Dam):	3,410	CFS
Release to Stanislaus River (S-98):	1,501	CFS
Release to OID (JT Main):	971	CFS
Release to SSJID (SO Main):	472	CFS
Release to SEWD:	<u>307</u>	CFS
Total Release	3,251	CFS
Source: Tri-Dam Operations Daily Report		
Farmington Dam (FRM)		
Diverted to SEWD:	100	CFS
Diverted to CSJWCD:	205	CFS

Surface Water Used		
Irrigators on New Hogan:	17	
Irrigators on New Melones:	4	
Out-Of-District Irrigators:	2	
DJWWTP Production:	46	MGD
North Stockton:	11	MGD
South Stockton:	8	MGD
Cal Water:	24	MGD
City of Stockton DWSP Production:	21	MGD

District Ground Water Extraction		
74-01	0	GPM
74-02	0	GPM
North	0	GPM
South	0	GPM
Extraction Well # 1	0	GPM
Total Well Water Extraction	0	GPM
Total Ground Water Production	0	MGD

Note: All other flow data reported here is preliminary, as of 10:30 a.m. on 07/25/23.

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Water Advisory Committee

San Joaquin Farm Bureau Federation

July 25, 2023, 5pm SJFB Office and via Zoom

<https://us02web.zoom.us/j/86866769323?pwd=YVhROUZ6T0h1WkNuYzhwcC9JL0xSUT09>

Meeting ID: 868 6676 9323

Passcode: 072523

Meeting Agenda

1. CALL TO ORDER
2. APPROVAL OF MINUTES - June 27, 2023 (*Attachment 1*)
3. DISTRICT REPORTS:
 - a) East Bay Municipal Utility District (EBMUD)
 - b) North San Joaquin Water Conservation District (NSJWCD)
 - c) Central Delta
 - d) South Delta
 - e) Reclamation Districts
 - f) Woodbridge Irrigation District (WID)
 - g) Stockton East Water District (SEWD)
 - h) Oakdale Irrigation District (OID)
 - i) South San Joaquin Irrigation District (SSJID)
 - j) Banta-Carbona Irrigation District (BCID)
 - k) San Joaquin County & Delta Water Quality Coalition (SJCDWQC)
 - l) San Joaquin County (SJC)
 - m) Delta Caucus
 - n) CAFB
4. OLD BUSINESS:
 - a. SWEEP Block Grant
5. NEW BUSINESS:
 - a. SB 366: Long-Term Supply Targets & Enhance Usefulness of California Water Plan
 - b. SB 389: State Water Board's Authority to Investigate Water Right Claims
6. ANNOUNCEMENTS/OTHER BUSINESS
 - a. Hot Topics for future meetings?

Next meeting: August 22, 2023

- **San Joaquin County (SJC):** Mr. Matt Zidar with San Joaquin County Public Works informed the committee that the levee reconstruction measure passed 58/42. They will be able to generate \$100 million in funds and have the ability to receive up to \$1.2 billion from the state. He noted that they are interviewing two consultant groups for the project. Mr. Zidar noted that we have hot weather coming up on the forecasts and that the dams are close to capacity. He reiterated that SSJID, SEWD, and NSJWCD have applied for the block SWEEP grant and listed SJFB as a technical assistance provider.
- **Delta Caucus:** No report.
- **CAFB:** Mr. Genasci updated the committee about legislation that California Farm Bureau is following and working on.

OLD BUSINESS:

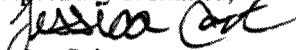
NEW BUSINESS:

- **North San Joaquin Water Conservation District Tour:** The committee was directed to the invitation for the facilities tour on July 14th. It was questioned if this was the same tour that was previously hosted. The committee was informed that the previous tour was focused for other water districts and legislators. This upcoming tour will be focused towards water users and potential customers.

ANNOUNCEMENTS/OTHER BUSINESS:

The meeting was adjourned at 5:38 pm.

Respectfully submitted,


Jessica Coit
SJFB Staff

MEETING AGENDA



MEETING DATE: 7/26/2023
TIME: 10:00 AM – 12:00 PM PDT
LOCATION: 1810 E Hazelton Ave
Conference Room A

NEXT MEETING DATE: TBD
TIME: TBD
LOCATION: TBD

-
- | | |
|--|------------------------------|
| 1. Welcome and Introductions | 10 minutes (10-10:10 AM) |
| 2. Review and Discuss Glossary of Terms | 50 minutes (10:10-11:00 AM) |
| 3. Categorization of Model Components | 30 minutes (11:00-11:30 AM) |
| 4. Two-GSA Example of Accounting Process | 20 minutes (11:30 -11:50 AM) |
| 5. Discussion and Next Steps | 10 minutes (11:50 AM-12 PM) |

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