



REGULAR BOARD MEETING

APRIL 6, 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
Fax 209-948-0423

E-mail sewd@sewd.net

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, APRIL 6, 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

Page No

- A. Pledge of Allegiance (Director McGurk) & Roll Call**
- B. Consent Calendar (None)**
- C. Public Comment (Non-Agenda Items)**
- D. Scheduled Presentations and Agenda Items**
 - 1. Minutes 03/30/21 Regular Meeting 01
 - 2. Warrants – California Public Employees’ Retirement System 05
 - 3. Stockton East Water District – 2021 Water Rates
 - a. Public Hearing 07
 - b. Ordinance No. 47 09
 - c. Rule No. 173 15
 - 4. Stockton East Water District – Disinfection – Design of Bulk Sodium Hypochlorite System Memo, 04/06/21 17
 - 5. Central Valley Flood Protection Board – Time Variance Request Approval, 03/30/21 27
 - 6. New Hogan Water O&M Costs 31

- E. Committee Reports**
 - 1. Eastern San Joaquin Groundwater Authority Ad-Hoc Technical Advisory Committee (TAC) Meeting, 04/01/21 35

- F. Report of the General Manager**
 - 1. Water Supply Report as of 03/29/21 37

 - 2. Information Items
 - a. Material Included, but Bound Separately from Agenda Packet:
 - 1. ACWA-Sponsored SB 323 Passes Committee Hearing, ACWA News, 03/26/21

 - 2. Sexual Harassment Prevention – Live Webinar, ACWA/JPIA, 04/20/21

 - 3. Report on General Manager Activities
 - a. Stockton East Water District Activities Update

- G. Director Reports**

- H. Communications**

- I. Agenda Planning/Upcoming Events**
 - 1. Eastern San Joaquin Groundwater Authority FloodMAR Virtual Workshop, 9:00 a.m., 04/08/21

 - 2. ACWA State Legislative Committee Meeting, 10:00 a.m., 04/09/21

 - 3. San Joaquin County & Delta Water Quality Coalition Meeting, 9:00 a.m., 04/12/21

 - 4. Eastern Water Alliance Meeting, 1:00 p.m., 04/12/21

- 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)

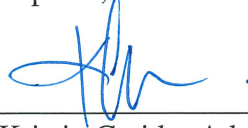
 - 2. Closed Session - Personnel
Government Code 54957

- K. Adjournment**

Certification of Posting

I hereby certify that on April 1, 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 April 1, 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, MARCH 30, 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. Manager Moody led the Pledge of Allegiance.

Present at roll call at the District were Directors Atkins, Cortopassi, Sanguinetti and Watkins. Also present were Manager Moody, Assistant Manager Hopkins, Finance Director Vega, Administrative Services Manager Carido and Administrative Assistant Curtis. Present at roll call via teleconference were Directors McGaughey and Panizza. Also present via teleconference was Legal Counsel Zolezzi. Consultant Barkett joined the teleconference at 12:31 p.m. and Director McGurk joined the teleconference at 12:32 p.m.

B. CONSENT CALENDAR (None)

C. PUBLIC COMMENT (None)

D. SCHEDULED PRESENTATIONS AND AGENDA ITEMS

1. Minutes 03/23/2021 – Regular Board Meeting

A motion was moved and seconded to approve the March 23, 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

- a. Fund 68 – Municipal & Industrial Groundwater Fund
- b. Fund 70 – Administration Fund
- c. Fund 71 – Water Supply Fund
- d. Fund 91 – Vehicle Fund
- e. Fund 94 – Municipal & Industrial Fund
- f. Summary
- g. Short Names/Acronym List
- h. SEWD Vehicles & Equipment

Director Sanguinetti inquired on the expense on page 9, line item 15 for Delta Office Systems & Furnishings Inc for tables and chairs for Back Lab Training Room in the amount of \$5,270.91. Manager Moody replied this purchase was for multiple tables and chairs for the repurposed area of the Back Lab. Manager Moody added that the flooring was able to be matched with flooring that was previously installed during the Operations Building Re-Purposing Project and the new furniture is cohesive with all other furniture as well.

Director McGurk inquired on the expense on page 9, line items 3 & 4 for 4RF USA Inc for radios for SCADA” Main Radio Tower, Farm, Dam, Tunnel Outlet in the amount of \$7,515.07 and radios for SCADA: Mosher Creek, Birdcage, PC1, PC2, Shirley, Funk in the amount of \$1,514.42. Manager Moody replied these radios are to connect various locations throughout the water supply system to the SCADA, these are permanent and not associated to the one-year subscription with Rubicon. Director McGurk inquired why these expenses were not all on the same invoice. Finance Director Vega replied generally invoices are generated when items are shipped, so these likely shipped at separate times resulting in different invoices.

Director McGurk inquired on the expense on page 9, line item 36 for Linden Herald for Linden Herald 2-year subscription 04/01/21-12/31/21 in the amount of \$70.00. Finance Director Vega replied this \$70.00 expense is the prepaid portion of the invoice, the rest is charged in this year’s Budget. The end date should also reflect 12/31/22, that was a typo.

Director Atkins inquired on the expenses on page 15, line items 90 & 91 for Hach Company for new turbidimeter for SA-3 in the amount of \$3,588.00 and turbidimeter cleaning head in the amount of \$416.04. Assistant Manager Hopkins replied there was one turbidimeter replaced as it was not active because of scaling. Line 91 is for a replacement head for a different existing unit. Director McGurk inquired if the turbidimeters are mobile or permanently installed. Manager Moody replied they are permanent.

Director Atkins inquired on the expense on page 13, line item 83 for Pape Kenworth for cleaning of DPF and Bit Inspection on Unit 31 in the amount of \$1,233.44. Manager Moody replied this was for the Boom Truck.

Director Atkins inquired on the expense on page 9, line item 10 for Blackbaud for Blackbaud Financial Edge Maintenance 04/06/21-04/05/21 in the amount of \$12,522.76. Manager Moody replied this is an annual subscription. Finance Director Vega replied the end date should read 04/05/22, not 2021.

A motion was moved and seconded to approve the March 30, 2021 Warrants, as presented.

Roll Call:

Ayes: Atkins, Cortopassi, McGaughey, McGurk, Panizza, Sanguinetti, Watkins

Nays: None

Abstain: None

Absent: None

3. Stockton East Water District Agricultural Water Management Plan

a. Public Hearing

President Watkins opened the Public Hearing at 12:41 p.m., to receive comments on the Stockton East Water District Agricultural Water Management Plan (AWMP).

Manager Moody reported the District is required to update the AWMP every 5-years. The proof of publication has been included. Manager Moody reported no public comments were received.

Manager Moody reported because the District completes a Federal WMP, the bulk of that Plan can be used to submit the AWMP to the state.

Director McGurk inquired if the District typically expects to receive a comment from state agencies. Manager Moody replied that generally comments received at this point would be from local agencies that disagree. Once this is submitted to the Department of Water Resources (DWR), state agencies can comment. Generally, there are no comments because the Plan is written to DWRs guidelines.

Seeing no public comment, President Watkins closed the Public Hearing at 12:43 p.m.

b. Resolution No. 20-21-18 – Stockton East Water District Water Management Plan

A motion was moved and seconded to adopt Resolution No. 20-21-18 – Stockton East Water District Water Management Plan, as presented.

Roll Call:

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

E. COMMITTEE REPORTS (None)

F. REPORT OF GENERAL MANAGER

1. Water Supply Report as of 03/29/21

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 152,415 AF in storage at New Hogan Reservoir. Current releases are set at 47 cfs. There is 1,541,230 AF in storage at New Melones Reservoir. Current release at Goodwin Dam to Stanislaus River are set at 403 cfs and release to all water users are set at 0 cfs. The water treatment plant is currently processing 20 mgd. The City of Stockton is currently processing 14 mgd.

Manager Moody queried the Board to see if they would like staff to reach out to the Central Valley Flood Protection Board (CVFPB) and request early dam installation. The CVFPB requires at least 2-weeks' notice so staff would need to send the request soon.

President Watkins inquired when the dams would be installed without the request. Manager Moody replied installation would begin April 15th and it usually takes a full 2-weeks for District-wide installation.

President Watkins advised it might be warranted to try and request early installation. Director Sanguinetti agreed.

Director Cortopassi inquired if staff must start with the installation at Bellota. Manager Moody replied yes, it is a requirement of the Habitat Conservation Plan (HCP), as FISHBIO will follow along throughout the process and pull fish to take them back upstream if needed.

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 Activities Update

Manager Moody reported that at the previous Regular Board Meeting there was discussion about the District teaming with San Joaquin County for the lidar grant. Manager Moody wanted to remind the Board that this would mean the District would still need to pay \$50,000 for this project. President Watkins replied it is good to continue moving forward.

G. DIRECTOR REPORTS (None)

H. COMMUNICATIONS

1. Stockton East Water District – Stockton East Water District/ Treatment Plant Scheduling of Water Letter, 03/18/21

Manager Moody provided the Board with correspondence regarding the Stockton East Water District/Treatment Plant Scheduling of Water. Manager Moody reported this is the annual letter sent to the Urban Contractors advising them that the District has received full allocation and will be standing by to provide as much water as they can take.

I. AGENDA PLANNING/UPCOMING EVENTS

1. Eastern San Joaquin Groundwater Authority Ad-Hoc Technical Advisory Committee (TAC) Meeting, 04/01/21

J. REPORT OF THE COUNSEL

1. Closed Session - Potential Litigation

Government Code 54956.9 (c) – one case

2. Closed Session - Existing Litigation

Stockton East Water District vs. City of Stockton, et al.

Government Code 54956.9 (a)

President Watkins adjourned the meeting to closed session at 12:52 p.m. to discuss closed session agenda items. The regular meeting reconvened at 1:22 p.m., with no reportable action.

K. ADJOURNMENT

President Watkins adjourned the meeting at 1:23 p.m.

Respectfully submitted,

Scot A. Moody
Secretary of the Board

tbc

**STOCKTON EAST WATER DISTRICT
INVOICES FOR BOARD PACKAGE
CALPERS SPECIAL CHECK REQUEST
APRIL 06, 2021**

Vendor name	District Fund#	Account #	Description	Amount	Invoice No.
1 CA Public Employees Retirement System (CalPERS)	70	10-5049-0	Retirement Contributions for Payroll 04/02/21-Admin	5,834.11	04/02/21 1245106351
			Total Fund 70 Admin	\$ 5,834.11	
1 CA Public Employees Retirement System (CalPERS)	71	10-5049-0	Retirement Contributions for Payroll 04/02/21-WS-NM	2,610.58	04/02/21 1245106351
2 CA Public Employees Retirement System (CalPERS)	71	10-5058-0	Retirement Contributions for Payroll 04/02/21-WS-NH	1,238.02	04/02/21 1245106351
			Total Fund 71 Water Supply	\$ 3,848.60	
1 CA Public Employees Retirement System (CalPERS)	94	10-5049-0	Retirement Contributions for Payroll 04/02/21-M&I	16,552.03	04/02/21 1245106351
			Total Fund 94 Municipal & Industrial	\$ 16,552.03	
Grand Total for Special Check Request on RBM 04/06/21				\$ 26,234.74	

26

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**NOTICE OF PUBLIC HEARING
BEFORE THE BOARD OF DIRECTORS OF THE
STOCKTON EAST WATER DISTRICT**

The Board of Directors of the Stockton East Water District will hold a public hearing on Tuesday, April 06, 2021 at 12:30 PM, to consider a Rule for Rate Equalization and consider an Ordinance establishing municipal groundwater assessments, agricultural groundwater assessments, domestic groundwater assessments, out-of-district assessments, and charges to be made for stream-delivered water for calendar year 2021.

The hearing will be held in the District Office at 6767 East Main Street, Stockton, California, and will be held pursuant to and in accordance with Chapter 819 of the Statutes of 1971, State of California, as amended.

Scot A. Moody, General Manager
Stockton East Water District

#229261 3/27/21

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ORDINANCE NO.47
Adopted 04/06/2021

AN ORDINANCE ESTABLISHING MUNICIPAL GROUNDWATER ASSESSMENTS,
AGRICULTURAL GROUNDWATER ASSESSMENTS, DOMESTIC GROUNDWATER
ASSESSMENTS, CHARGES FOR STREAM-DELIVERED WATER AND
CHARGES FOR OUT-OF-DISTRICT WATER FOR CALENDAR YEAR 2021

The Board of Directors of Stockton East Water District does hereby ordain as follows:

Section 1: The Municipal Groundwater Assessment for calendar year 2021 shall be Three Hundred Forty-One Dollars and Thirty-Five Cents (\$341.35) for Rate Equalization and Three Dollars and Sixty Cents (\$3.60) for base Groundwater Production Assessment for a Total Municipal Groundwater Assessment of Three Hundred Forty-Four Dollars and Ninety-Five Cents (\$341.35 + \$3.60= \$344.95) per acre-foot of water.

Section 2: The Agricultural Groundwater Assessment for calendar year 2021 shall be Five Dollars and Fifty-Three Cents (\$5.53) per acre-foot of water.

Section 3: The Domestic Groundwater Assessment for calendar year 2021 shall be Forty-Six Dollars and Fifty Cents (\$46.50) per Domestic Use Unit.

Section 4: The rate for sales of Stream-Delivered Water for calendar year 2021 shall be Twenty-Three Dollars (\$23.00) per acre-foot of water.

Section 5: The rate for sales of Out-Of-District Water shall be the cost of water designated under the purchase contract PLUS a charge up to the New Melones Conveyance System wheeling rate of Twenty-Seven Dollars and Eighty-One Cents (\$27.81) per acre-foot of water.

Section 6: This ordinance shall take effect thirty (30) days after its final passage, and shall be published at least once in a newspaper of general circulation within fifteen (15) days after its final passage, with the names of the members of the Board of Directors voting for and against the same.

AYES:
NAYES:
ABSTAIN:
ABSENT:

DRAFT

Andrew Watkins, President
Board of Directors

ATTEST:

DRAFT

Scot A. Moody, Secretary
Board of Directors

**CPI for All Urban Consumers (CPI-U)
Original Data Value**

Series Id: CUUR0000SA0, CUUS0000SA0

Not Seasonally Adjusted

Series Title: All items in U.S. city average, all urban consumers, not

Area: U.S. city average

Item: All items

Base Period: 1982-84=100

Years: 2011 to 2021

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual
2011	220.223	221.309	223.467	224.906	225.964	225.722	225.922	226.545	226.889	226.421	226.230	225.672	224.939
2012	226.665	227.663	229.392	230.085	229.815	229.478	229.104	230.379	231.407	231.317	230.221	229.601	229.594
2013	230.280	232.166	232.773	232.531	232.945	233.504	233.596	233.877	234.149	233.546	233.069	233.049	232.957
2014	233.916	234.781	236.293	237.072	237.900	238.343	238.250	237.852	238.031	237.433	236.151	234.812	236.736
2015	233.707	234.722	236.119	236.599	237.805	238.638	238.654	238.316	237.945	237.838	237.336	236.525	237.017
2016	236.916	237.111	238.132	239.261	240.229	241.018	240.628	240.849	241.428	241.729	241.353	241.432	240.007
2017	242.839	243.603	243.801	244.524	244.733	244.955	244.786	245.519	246.819	246.663	246.669	246.524	245.120
2018	247.867	248.991	249.554	250.546	251.588	251.989	252.006	252.146	252.439	252.885	252.038	251.233	251.107
2019	251.712	252.776	254.202	255.548	256.092	256.143	256.571	256.558	256.759	257.346	257.208	256.974	255.657
2020	257.971	258.678	258.115	256.389	256.394	257.797	259.101	259.918	260.280	260.388	260.229	260.474	258.811
2021	261.582												

2020 258.811
2019 255.657
net change 3.154

Increase **0.0123** or 1.23%

SCHEDULE A

STOCKTON EAST WATER DISTRICT
COMPARATIVE TABLE - WATER RATES

RATES FOR CALENDAR YR	CPI* INCREASE 20%+ each	MAX % INCREASE	CPI Year	SURFACE WATER (AF)		GROUND WATER (AF)		DOMESTIC UNITS		MUNICIPAL GROUND WATER (AF) ACTUAL RATE	OUT-OF-DISTRICT WATER RATE	GW RATE EQUALIZATION (AF) ACTUAL RATE
				Maximum Allowable	ACTUAL RATE	Maximum Allowable	ACTUAL RATE	Maximum Allowable	ACTUAL RATE			
1979					\$7.60	\$1.16		\$10.00	\$10.00	\$3.00		-
1980	11.30%	31.30%	1979	\$9.98	\$7.60	\$1.16	\$1.16	\$10.00	\$10.00	\$3.00		-
1981	13.50%	13.50%	1980	\$11.32	\$9.12	\$1.39	\$1.39	\$14.90	\$12.00	\$3.60		-
1982	10.30%	10.30%	1981	\$12.49	\$9.12	\$1.39	\$1.39	\$16.43	\$12.00	\$3.60		-
1983	6.20%	6.20%	1982	\$13.27	\$9.12	\$1.39	\$1.39	\$17.46	\$12.00	\$3.60		-
1984	3.20%	3.20%	1983	\$13.69	\$9.12	\$1.39	\$1.39	\$18.02	\$12.00	\$3.60		-
1985	4.30%	4.30%	1984	\$14.28	\$9.12	\$1.39	\$1.39	\$18.79	\$12.00	\$3.60		-
1986	3.60%	3.60%	1985	\$14.79	\$9.12	\$1.39	\$1.39	\$19.47	\$12.00	\$3.60		-
1987	1.90%	1.90%	1986	\$15.08	\$9.12	\$1.39	\$1.39	\$19.84	\$12.00	\$3.60		-
1988	3.60%	3.60%	1987	\$15.62	\$10.12	\$2.39	\$2.39	\$20.55	\$12.00	\$3.60		-
1989	4.10%	4.10%	1988	\$16.26	\$15.00	\$2.48	\$2.48	\$21.40	\$12.00	\$3.60		-
1990	4.78%	4.78%	1989	\$17.04	\$15.00	\$2.60	\$2.60	\$22.42	\$12.00	\$3.60		\$37.50
1991	5.40%	5.40%	1990	\$17.96	\$15.00	\$2.74	\$2.74	\$23.63	\$12.00	\$3.60		\$75.87
1992	4.24%	4.24%	1991	\$18.72	\$15.00	\$2.86	\$2.86	\$25.38	\$12.00	\$3.60		\$76.15
1993	3.03%	3.03%	1992	\$19.28	\$15.00	\$3.01	\$3.01	\$26.64	\$12.00	\$3.60		\$54.54
1994	2.94%	2.94%	1993	\$19.85	\$15.00	\$3.09	\$3.09	\$26.13	\$12.00	\$3.60		\$47.24
1995	2.61%	2.61%	1994	\$20.37	\$15.00	\$3.17	\$3.17	\$26.81	\$12.00	\$3.60		\$45.10
1996	2.81%	2.81%	1995	\$20.94	\$15.00	\$3.20	\$3.20	\$27.56	\$12.00	\$3.60		\$41.22
1997	2.93%	2.93%	1996	\$21.56	\$15.00	\$3.29	\$3.29	\$28.37	\$12.00	\$3.60		\$57.98
1998	2.33%	2.33%	1997	\$22.06	\$15.00	\$3.37	\$3.37	\$29.03	\$12.00	\$3.60		\$64.54
1999	1.67%	1.67%	1998	\$22.43	\$15.00	\$3.48	\$3.48	\$29.51	\$12.00	\$3.60		\$52.80
2000	2.21%	2.21%	1999	\$22.92	\$15.00	\$3.58	\$3.58	\$30.16	\$12.00	\$3.60		\$58.35
2001	3.36%	3.36%	2000	\$23.70	\$15.00	\$3.67	\$3.67	\$31.17	\$12.00	\$3.60		\$74.60
2002	2.85%	2.85%	2001	\$24.38	\$15.00	\$3.78	\$3.78	\$32.06	\$12.00	\$3.60		\$75.35
2003	1.58%	1.58%	2002	\$24.77	\$15.00	\$3.84	\$3.84	\$32.57	\$12.00	\$3.60		\$74.42
2004	2.22%	2.22%	2003	\$25.32	\$16.50	\$3.92	\$3.92	\$33.29	\$30.00	\$3.60		\$84.31
2005	2.61%	2.61%	2004	\$25.98	\$16.50	\$4.02	\$4.02	\$34.16	\$30.00	\$3.60		\$112.76
2006	3.39%	3.39%	2005	\$26.86	\$16.75	\$4.16	\$4.16	\$35.32	\$32.50	\$3.60		\$127.04
2007	3.23%	3.23%	2006	\$27.72	\$20.00	\$4.29	\$4.29	\$36.46	\$36.00	\$4.20		\$133.08
2008	2.85%	2.85%	2007	\$28.51	\$20.00	\$4.41	\$4.41	\$37.50	\$37.50	\$6.50		\$145.71
2009	3.84%	3.84%	2008	\$29.60	\$20.00	\$4.58	\$4.58	\$38.94	\$37.50	\$3.60		\$141.11
2010	-0.36%	-0.36%	2009	\$30.09	\$20.00	\$4.58	\$4.58	\$38.94	\$37.50	\$3.60		\$160.71
2011	1.64%	1.64%	2010	\$31.03	\$22.00	\$4.66	\$4.66	\$39.58	\$39.50	\$3.60		\$189.09
2012	3.15%	3.15%	2011	\$31.68	\$23.00	\$4.80	\$4.80	\$40.83	\$40.50	\$3.60		\$195.43
2013	2.07%	2.07%	2012	\$31.68	\$23.00	\$4.90	\$4.90	\$41.67	\$41.50	\$3.60		\$196.43
2014	1.46%	1.46%	2013	\$32.14	\$23.00	\$4.97	\$4.97	\$42.28	\$41.50	\$3.60		\$207.54
2015	1.62%	1.62%	2014	\$32.66	\$23.00	\$5.05	\$5.05	\$42.97	\$42.50	\$3.60		\$222.98
2016	0.12%	0.12%	2015	\$32.70	\$23.00	\$5.06	\$5.06	\$43.02	\$43.00	\$3.60		\$329.98
2017	1.26%	1.26%	2016	\$33.11	\$23.00	\$5.12	\$5.12	\$43.56	\$43.50	\$3.60		\$333.83
2018	2.13%	2.13%	2017	\$33.82	\$23.00	\$5.23	\$5.23	\$44.49	\$44.00	\$3.60		\$322.32
2019	2.44%	2.44%	2018	\$34.65	\$23.00	\$5.36	\$5.36	\$45.58	\$45.50	\$3.60		\$331.37
2020	1.81%	1.81%	2019	\$35.28	\$23.00	\$5.46	\$5.46	\$46.40	\$46.00	\$3.60		\$321.49
2021	1.23%	1.23%	2020	\$35.71	\$23.00	\$5.53	\$5.53	\$46.97	\$46.50	\$3.60		\$341.35
1												
2												
3												
4												

1 U.S. All Urban Consumers Index.
 2 One time 20% increase
 3 This was comprised of the Proposed CSJWCD Wheeling Rate plus the proposed surface water rate.
 4 Proposed Rate (Ag Committee).

FUND 67

Comparative Five Year Summary

	FY 2016-2017	2017-2018	2018-2019	2019-2020	2020-2021	2021-2022
	Actual	Actual	Actual	Actual	Projected	Budget
BEGINNING FUND BALANCE	632,583	785,448	1,328,226	1,719,773	2,503,272	2,676,613
REVENUES						
Penalty Charges	12,136	15,161	14,593	15,918	18,304	12,000
Groundwater Assessments	742,244	718,026	703,237	731,281	727,983	709,800
Surface Water Assessment	402,490	521,345	1,076,013	671,856	661,812	631,000
Domestic Unit Assessment	309,076	262,737	270,983	278,598	278,423	278,300
Meter Rentals	14,237	13,285	13,041	13,269	13,041	13,200
Interest Income	2,398	5,426	17,246	48,574	49,000	30,000
Other Income	4	1,380	3,500	156,421	-	2,000
Transfer in from Reserves	-	-	-	-	-	671,494
Property Taxes	426,965	454,410	470,570	507,044	500,000	490,000
Total Revenues	1,909,549	1,991,770	2,569,183	2,422,961	2,248,563	2,837,794
EXPENSES						
Water Costs	398,520	146,861	248,274	246,009	462,520	314,000
OPEB Liability	85,541	74,396	127,045	25,209	30,000	-
New Melones Debt Service	363,316	364,131	363,194	356,080	356,080	353,178
Water Supply Cost Allocation	305,592	258,513	389,519	314,724	485,251	1,446,980
Admin Cost Allocation	579,835	580,658	959,382	669,245	655,628	657,886
Other Expenses	23,881	24,433	90,222	28,195	34,750	65,750
Total Expenses	1,756,684	1,448,991	2,177,636	1,639,462	2,024,229	2,837,794
Total Revenues Over (Under) Expenses	152,865	542,779	391,547	783,499	224,334	-

Note 1: Preliminary numbers based on projection as of 03/11/21

Note 2: Property Insurance, Share of Capitalized Assets, Dry Year Reserve Contributions, Depreciation and Goodwin Dam Self Insurance, UAL Contributions, Phytophthora Study

Stockton East Water District									
COMPARATIVE REVENUE/EXPENSE STATEMENT									
	BUDGET	ACTUAL	VARIANCE	BUDGET*	ACTUAL*	VARIANCE*	BUDGET	ACTUAL	BUDGET
	FY 19-20	FY 19-20	Budget Over	FY 20-21	FY 20-21	Budget Over	2021-2022	2021-2022	2021-2022
			Actual			Actual			
67 - Agricultural Division Fund									
Revenues									
Revenue - Penalty Assessments	12,000	15,918	3,918	12,000	18,304	6,304	12,000	12,000	12,000
Revenue - Groundwater Assessments	679,900	731,281	51,381	696,800	727,983	31,183	709,800	709,800	709,800
Revenue - Surface Water Assessments	506,000	671,856	165,856	506,000	661,812	155,812	631,000	631,000	631,000
Revenue - Domestic Water Assessments	266,200	278,598	12,398	275,275	278,423	3,148	278,300	278,300	278,300
Revenue - Meter Rentals Assessments	13,200	13,269	69	13,200	13,041	(159)	13,200	13,200	13,200
Interest Income - SJC	5,000	48,574	43,574	11,000	49,000	38,000	30,000	30,000	30,000
Net Other Transfers/Income	2,000	156,421	154,421	2,000	-	(2,000)	2,000	2,000	2,000
Transfer in from Reserves	-	-	-	513,831	-	(513,831)	671,494	671,494	671,494
Property Taxes	450,000	507,044	57,044	465,000	500,000	35,000	490,000	490,000	490,000
Total Revenues	1,934,300	2,422,961	488,661	2,495,106	2,248,563	(246,543)	2,837,794	2,837,794	2,837,794
Expenses									
Water Costs	225,000	246,009	(21,009)	562,500	462,520	99,980	314,000	314,000	314,000
OPEB Liability	-	25,209	(25,209)	-	30,000	(30,000)	-	-	-
New Melones Debt Service	363,825	356,080	7,745	356,080	356,080	-	353,178	353,178	353,178
Water Supply Cost Allocation	475,736	314,724	161,012	555,385	485,251	70,134	1,446,980	1,446,980	1,446,980
Admin Cost Allocation	728,476	669,245	59,231	939,191	655,628	283,563	657,886	657,886	657,886
Other Expenses	34,750	28,195	6,555	81,950	34,750	47,200	65,750	65,750	65,750
WINN Act Conversion	-	-	-	-	-	-	-	-	-
Retained Reserves	106,513	-	106,513	-	-	-	-	-	-
Total Expenses	1,934,300	1,639,462	294,838	2,495,106	2,024,229	470,877	2,837,794	2,837,794	2,837,794
Net Revenues over Expenses	-	783,499	783,499	-	224,334	224,334	-	-	-
* Preliminary numbers subject to change with accruals and audit entries.									

**WATER RATE SCENARIOS
AGRICULTURAL DIVISION - FISCAL YEAR 2021-2022**

Assumptions: Budgeted Water Amounts Assumed

Projected Revenues	FY 2021-2022 Adopted Budget		Scenario 1		Scenario 2		Scenario 3		Scenario 4 CHOSEN	
	Assumed Rate	Amount \$	Assumed Rate	Amount \$	Assumed Rate	Amount \$	Assumed Rate	Amount \$	Assumed Rate	Amount \$
Penalty		12,000		12,000		12,000		12,000		12,000
Groundwater	130,000 AF	709,800	5.53	718,900	5.53	718,900	5.53	718,900	5.53	718,900
Surface Water	22,000 AF	506,000	23.00	506,000	24.00	528,000	25.00	550,000	23.00	506,000
Domestic Unit Assessments	6,050 units	278,300	46.00	278,300	46.00	278,300	46.50	281,325	46.50	281,325
Surface Water Out-of-District	Cost+Wheeling	125,000		125,000		125,000		125,000		125,000
Meter Rentals		13,200		13,200		13,200		13,200		13,200
Interest Income		30,000		30,000		30,000		30,000		30,000
Other income		2,000		2,000		2,000		2,000		2,000
Property Taxes		490,000		490,000		490,000		490,000		490,000
Transfers in from Reserves		671,494		671,494		671,494		671,494		671,494
Total Projected Revenues for FY 2021-2022		2,837,794		2,846,894		2,868,894		2,893,919		2,849,919
EXPENSES										
Water Costs		314,000		314,000		314,000		314,000		314,000
OPEB		-		-		-		-		-
New Melones Debt Service		353,178		353,178		353,178		353,178		353,178
Water Supply Cost Allocation		1,446,980		1,446,980		1,446,980		1,446,980		1,446,980
Admin Cost Allocation		657,886		657,886		657,886		657,886		657,886
Other Expenses		65,750		65,750		65,750		65,750		65,750
Budgeted Expenses for FY 2021-2022		2,837,794		2,837,794		2,837,794		2,837,794		2,837,794
Net Proj. Revenues vs. Budgeted Expenses		-		9,100		31,100		56,125		12,125

* Balance in AG Dry Year Reserve Fund is \$216,777 as of February 29, 2021.

RULE NO. 173

ADOPTED 04/06/2021

RULE FOR RATE EQUALIZATION - CALENDAR YEAR 2021

WHEREAS, the District Act authorizes the Board to adopt rules and regulations as it deems necessary and proper for carrying out the provisions of the Act; and

WHEREAS, paragraph 6D (3) of the Second Amended Contract among SEWD; City of Stockton, County of San Joaquin and California Water Service Company states that "Stockton East shall annually levy a municipal groundwater assessment, pursuant to its enabling legislation such that the cost of groundwater use is equivalent to the cost of surface water use";

NOW, THEREFORE, THE BOARD OF DIRECTORS OF STOCKTON EAST WATER DISTRICT HEREBY ENACTS AND ESTABLISHES THE FOLLOWING RULES TO LEVY A GROUNDWATER ASSESSMENT TO EQUALIZE THE COST OF GROUNDWATER AND SURFACE WATER FOR 2021:

1. **POWER COST** -- Use actual power costs submitted by owner to accommodate for differences in water depth, pumping efficiency, system pressure, etc. In the absence of actual power costs, the cost of \$70 per acre-foot will be assumed.
2. **OPERATION AND & MAINTENANCE COST** -- Includes labor, repairs, chemicals, treatment costs and the current \$3.60 assessment. The cost of \$36 per acre-foot will be assumed.
3. **AMORTIZATION AND DEPRECIATION COST** -- Includes well and equipment replacement. The cost of \$10 per acre-foot will be assumed.
4. **FORMULA FOR RATE EQUALIZATION** -- Surface water costs plus Groundwater costs divided by total M & I water production equals cost per acre-foot. The assumed costs and water production for 2021 are as follows:

Ground water	14,100 AF X \$116.00	=	\$ 1,635,600.00
Surface water	<u>55,000 AF X \$544.86</u>	=	<u>\$29,967,075.97</u>
Totals	69,100 AF		\$31,602,675.97

The total cost of \$31,602,675.97 divided by total use of 69,100 AF equals \$457.35 per acre-foot. The assumed 2021 additional groundwater assessment is \$457.35 less \$116.00 (total of items 1-3 above), or \$341.35.

5. Any municipal groundwater user has the right to appeal the amount of this additional \$341.45 per acre-foot rate equalization assessment if it can be demonstrated that actual groundwater production costs are higher than the assumed \$116.00 per acre-foot. The appeal process will begin with the Administration Committee of the District Board and if necessary can be appealed to the full Board.
6. Any appeal which is granted shall entitle the appellant to a refund of the amount demonstrated to have been over-collected, less the actual costs to the District of processing the appeal and refund, provided that no overpayment shall be refunded unless the request for appeal has been filed with the Secretary of the District within three years of such overpayment.

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Memorandum

To: Scot A. Moody – General Manager
From: Justin Hopkins – Assistant General Manager
Darrel Evensen – District Engineer
Date: 04/06/2021
Re: Disinfection – Design of Bulk Sodium Hypochlorite System

BACKGROUND

At the Stockton East Water District's (District) March 9, 2021 regular Board of Directors (Board) meeting, Carollo Engineers presented the Preliminary Engineering Report (PER) for a bulk sodium hypochlorite system to replace the existing chlorine gas disinfection system for the Dr. Joe Waidhofer Water Treatment Plant (WTP) because of safety, supply chain and regulatory concerns, and the fact that most water treatment plants have converted to sodium hypochlorite from gas chlorine.

At the recommendation of Staff, the Board approved a budget of \$410,000 for the detailed design of the bulk sodium hypochlorite system in the annual budget for fiscal year 2021/2022.

SUMMARY

Carollo Engineers submitted to District Staff a Scope of Services and design fee for the detailed design of the bulk sodium hypochlorite system for \$370,142. Continued engagement of Carollo Engineers for design services will provide a seamless continuation of the prior bulk sodium hypochlorite system design.

RECOMMENDATION

District staff recommends the Board authorize the General Manager to execute a Professional Services Agreement with Carollo Engineers in the amount of \$370,142 and to make all other approvals necessary for the work, up to the approved budget amount of \$410,000.

Stockton East Water District Disinfection Improvements Project Detailed Design Scope of Services

Task 1. Project Management and Quality Control

Carollo will manage the project to control resources utilized (including costs) and will implement a quality assurance and quality control (QA/QC) program to deliver high quality deliverables throughout the project. The following project management activities will be performed.

1.01 – Progress Status Reports

Monthly written status reports will be provided to the District. Monthly reports will accompany and supplement monthly invoices along with updated project schedules. These reports will provide a narrative summary of progress on the project, including budget and schedule status, and a discussion of work completed on the project for the reporting period and anticipated work for the next period. Critical decisions and outstanding action items will be documented and included with each status report. Any out-of-scope work, if identified, will be discussed with the District to determine approach.

1.02 – Weekly Coordination Calls

We will conduct weekly coordination calls with the District. Carollo's project manager will attend each call and other team members will attend as needed throughout the project.

1.03 – Quality Control

Our quality management program includes key senior staff and expert involvement at all project stages and provides a review of all aspects of the effort at various milestones throughout project execution. Our Project QM Manager will lead our project review team, consisting of select senior engineers and process experts. The QM team will perform a quality review of all project deliverable items.

Several distinct quality review subtasks will be included in the technical evaluations:

1. Preliminary review of quality requirements, purpose, and scope of project
2. QA review of all interim and final design deliverables

Discipline checks will be made on all design calculations, drawings, specifications, construction cost estimates, and reports required for the project. An integrated design review will be performed for multidisciplinary documents to provide coordination and avoid conflicts in the documents. Qualified individuals who are not directly involved in the design or supervision of the work will perform the checking.

Our Project QM Manager will be responsible for the quality management of the project. He will ensure that the project plan and schedule are being followed. This includes checking that project milestones are being planned for, District comments are being addressed, and delays do not creep into the project and threaten the scheduled completion date. His role also includes regular discussions with the Design Team and District to ensure the project team is meeting and

exceeding the District's needs. This two-tier QA/QC level of effort ensures high quality deliverables and project success.

Efforts for QA are included for each applicable deliverable and meeting in the tasks that follow.

Task 1 Deliverables:

- Monthly Progress Reports

Task 2. Regulatory Support & Site Investigations

2.01 – Environmental/CEQA

Carollo and our subconsultant, Environmental Science Associates (ESA), will evaluate and prepare necessary documents to support the California Environmental Quality Act (CEQA) process for the project.

Prepare Negative Declaration/Mitigated Negative Declaration.

ESA will prepare an Administrative Draft Initial Study (IS) consistent with 2019 CEQA Guidelines. ESA will work with Carollo and District to obtain information for the project description. The project description will include: project location; project objectives; description of project elements; project schedule; and required permits and approval process. ESA will use the updated Environmental Checklist included in Appendix G of the 2019 CEQA Guidelines. For each resource topic, ESA will provide a brief discussion of the environmental setting using existing information and will identify potential environmental impacts and their level of significance. ESA will analyze and review existing databases for known biological resources in the vicinity of the SEWD WTP. Based on the findings, a single-day reconnaissance-level survey will be conducted to confirm if the proposed project elements and their locations occur in areas that might impact potential biological resources. Based on the findings, a recommendation will be made on what level of CEQA clearance would be required for the proposed project. If no potentially significant impacts are identified, then a Negative Declaration (ND) will be prepared. If the project could be modified to mitigate identified potentially significant impacts to a less-than-significant level, then a Mitigated Negative Declaration (MND) will be prepared which will include recommended mitigation measures. An electronic version of the administrative draft IS with the Environmental Checklist will be provided to SEWD for review and comment.

AB 52 consultation will be undertaken by SEWD. SEWD will provide information to ESA regarding the status of that outreach, information provided by the tribes, and any on-going communication with the tribes. The information will be incorporated into the Environmental Checklist.

Based on comments received on the administrative draft IS ESA will revise the document and prepare the public review draft IS and Notice of Intent (NOI) to Adopt a ND or MND. ESA will prepare the Notice of Completion (NOC) and will submit the NOI and draft IS to the State Clearinghouse. ESA will draft the notice for publication in the newspaper and with the County Clerk's office. District will be responsible for posting all notices. ESA will work with District to prepare the distribution list for SEWD to e-mail out copies of the NOI. ESA will provide a web-ready version of the NOI and IS for District to post on their website.

Following close of the 30-day public comment period, ESA will prepare written responses to comments and provide an electronic version for District and Carollo to review and comment. As

part of this task, ESA will prepare a Mitigation Monitoring and Reporting Plan (MMRP) which will summarize any mitigation measures recommended in the IS. ESA will incorporate comments received on the responses and MMRP, will make any required edits to the IS, and attach the responses and MMRP as appendices and finalize the IS. ESA will provide an electronic version of the document to the District Board for their consideration of CEQA certification and project approval. Following adoption of the ND or MND and project approval, ESA will prepare the Notice of Determination (NOD). District will file the NOD with the County and will pay the applicable NOD filing fees with the County Clerk's office. All deliverables will be submitted in electronic format.

2.02 – Coordination with DDW and County

Carollo will support the District with coordination and permitting for Division of Drinking Water (DDW) and San Joaquin County for switching from gaseous chlorine to liquid hypochlorite. A meeting with each has been assumed and a copy of the PER prepared under previous project task will be sent for review and comments. Interim design deliverables (prepared under subsequent tasks below) will be submitted as requested by agencies. Carollo will review comments received with the District and determine appropriate responses. Carollo will prepare a modified operating permit application and an updated Operations Plan.

2.03 – Site Investigation

Not included in this scope of work. Performed as amendment to previous project.

Task 2 Deliverables:

- IS and ND/MND for CEQA

Task 2 Assumptions:

- District will perform public outreach as required for CEQA process
- All fees (filing, permitting, etc.) will be paid for by the District.
- Permitting support has been assumed at the level of effort shown in the subtask budget.
- Existing survey will be used for site design and drawings

Task 3. 30% Design Documents Preparation

Carollo will prepare 30% design documents for submission and review by the District. The 30% design documents will include:

1. Complete P&IDs
2. Hypochlorite system site plans and demolition plan
3. Construction sequence
4. Draft major hypochlorite system control strategies
5. Equipment manufacturers' product information
6. Electrical One-Line Diagram
7. List of anticipated specification sections
8. Updated 30% design level engineer's opinion of probable construction cost
9. Project schedule with appropriate construction contingency time

Carollo will plan and preside over a 30% design review workshop with the District's Project Manager and staff to review 30% design documents. At this meeting, design details will be shared and feedback will be collected for use during 90% design.

Task 3 Deliverables:

- Up to five (5) half-sized hard copies of drawings, updated schedule, and opinion of probable construction cost (AACE Class 3).
- PDF files of drawings and specifications list

Task 3 Assumptions:

- CAD Platforms will be Carollo Standard.
- Front End Specifications (Div 0 and 1) will be District Standard, Technical Specifications will be based on Carollo Master Specifications.
- 30% Deliverables will be uploaded to Bluebeam Studio Session for District review and comments.

Task 4. 90-Percent Design Documents Preparation

Carollo will prepare 90% design documents for submission and review by the District. The 90% design documents will include:

1. Complete P&IDs
2. Hypochlorite system plans and chlorine room demolition plan
3. Site/Civil plans
4. Electrical plans
5. Draft project specifications
6. Updated construction sequence
7. Hypochlorite system control strategies
8. Updated 90% design level engineer's opinion of probable construction cost
9. Revised project schedule with appropriate construction contingency time

Carollo will plan and preside over a 90% design review workshop with the District's Project Manager and staff to review 90% design documents. At this meeting, design details will be shared and feedback will be collected for use during final design.

Task 4 Deliverables:

- Up to five (5) half-sized hard copies of drawings, updated schedule, and opinion of probable construction cost (AACE Class 2).
- PDF files of drawings and specifications

Task 4 Assumptions:

- 90% Deliverables will be uploaded to Bluebeam Studio Session for District review and comments.

Task 5. Final (Bid-Ready) Design Documents Preparation

Carollo will prepare final, bid-ready design documents for submission to the District. We anticipate the following list of drawings will be produced for the project. Actual final list of drawings may differ based on final project needs.

ANTICIPATED LIST OF DRAWINGS

Dwg. No.	Description
General	
G - 1	Cover Sheet
G - 2	Sheet Index
G - 3	Abbreviations
G - 4	General Site Plan
G - 5	Survey Control & Construction Staging
G - 6	Process Flow Schematics Chemical Storage & Feed
Demolition	
D - 1	Overall Demolition Plan
D - 2	Demolition Photos
D - 3	Demolition Photos
D - 4	Demolition Photos and Details
Civil	
C - 1	Legend, Symbols and Notes
C - 2	Site Paving and Grading
C - 3	Partial Site Piping Plan
C - 4	Site Piping Sections & Details
C - 5	Site Piping Sections & Details
CT - 1	Typical Details - Civil
Structural Drawings	
S - 1	General Notes I
S - 2	General Notes II
S - 3	NaOCI Storage Area Plan & Roof Plan
S - 4	NaOCI Storage Area Sections & Details
S - 5	NaOCI Truck Loading Plan & Sections
S - 6	NaOCI Feed Building Plan & Roof Plan
S - 7	NaOCI Feed Building Sections & Details
ST - 2	Typical Details - Structural
Mechanical Drawings	

- M - 1 Legend, Symbols and Notes
- M - 2 NaOCI Storage Tank Area Plan
- M - 3 NaOCI Storage Tank Area Sections & Details
- M - 4 NaOCI Feed Building Plan and Sections
- M - 5 NaOCI Truck Fill Station Plan & Details
- M - 6 HVAC Plan
- M - 7 HVAC Sections & Details
- M - 8 NaOCI Feed Injection Details
- MT - 3 Typical Details - Mechanical

Electrical

- E - 1 Legend
- E - 2 Abbreviations
- E - 3 Schedules I
- E - 4 Electrical Site Plan
- E - 5 Conduit Routing Plans
- E - 6 Overall One Line Diagram Demolition
- E - 7 Overall One Line Diagram Modifications
- E - 8 MCC Modification One Line Diagram
- E - 9 MCC Modification Elevation
- E - 10 NaOCI Storage Area Power & Control Plan
- E - 11 NaOCI Feed Building Power & Control Plan
- E - 12 NaOCI Conduit Development Plan
- ET - 4 Typical Details - Electrical

Instrumentation

- I - 1 Legend, Symbols and Notes I
- I - 2 Legend, Symbols and Notes II
- I - 3 Legend, Symbols and Notes III
- I - 4 Legend, Symbols and Notes IV
- I - 5 Legend, Symbols and Notes V
- I - 6 Schematic Symbols
- I - 7 Analog Terminal Wiring Schematic
- I - 8 PCM Power Schematic
- I - 9 Sample Loop Drawing
- I - 10 Control Schematics
- I - 11 SCADA Network Block Diagram
- I - 12 PLC Layout
- I - 13 NaOCI Storage Tank No 1&2 P&ID
- I - 14 NaOCI Storage Tank No 3&4 P&ID
- I - 15 Chemical Metering Pump No. 1 P&ID
- I - 16 Chemical Metering Pump No. 2 P&ID

I - 18	Chlorine Analyzer P&ID
IT - 5	Typical Details - I&C

The final, bid-ready, design documents will include:

1. Final drawings and specifications
2. Final design level engineer's opinion of probable construction cost (AACE Class 2)
3. Final project schedule

Task 5 Deliverables:

- Five (5) hard copies of half-sized plans and specifications, signed and stamped, with reproducible PDFs for potential bidders
- Native CAD and specification files
- Final engineer's cost estimate and project schedule
- Design calculations (delivered within 4 weeks of final deliverables)

Schedule

The described scope of work will commence following delivery of the Final Preliminary Engineering Report, being produced as part of a previous project phase. It is anticipated that this PER will be completed and NTP will be provided for this scope of work by April 1, 2021. The following schedule is proposed for the detailed design phase and scope of work described herein. The schedule assumes 2 weeks for District review of each interim deliverable.

Deliverable	Date
Final Geotechnical Report (from previous contract)	May 1, 2021
30% Design Deliverables	July 1, 2021
90% Design Deliverables	October 1, 2021
Final Bid Ready Design Documents	Jan 2, 2022

Budget

Carollo Engineers, Inc. and our subconsultants will complete the described scope of work, based on the listed assumptions, for a not-to-exceed budget of \$370,142 on a time and materials basis. Invoices will be submitted monthly.



Budget
Stockton East Water District
Disinfection Improvements Detailed Design Project
 03/22/21

TASK / DESCRIPTION	CAROLLO LABOR HOURS													SUBS				DIRECT EXPENSE			TOTAL COST
	PE	Assistant PE	O&M	Structural	Electrical/E&C	Mech/HVAC	Architectural	QM	CAD Technician	DP	Carollo Hours	Carollo Labor Cost	Geotechnical Eng Kleinfelder	CEQA ESA	Total Subs	Other Direct Charges	PECE* \$/3hr	Total Direct Charges			
	C. Cleveland	B. Burritt	R. Vittare	D. Mount	M. Dault	D. Robinson	C. Green	M. Hohenbagh	T. Gillogh												
Task 100. Project Management and Quality Control																					
101 Progress Status Reports	46	10	0	0	0	0	0	32	0	0	0	88	\$ 27,456				\$ 1,144	\$ 1,144	\$ 28,600		
102 Weekly Coordination Calls	20											20	\$ 6,440				\$ 260	\$ 260	\$ 6,700		
103 Quality Control	26	10									36	\$ 10,712					\$ 468	\$ 468	\$ 11,180		
Task 200. Regulatory Support & Site Investigation																					
201 Environmental/CEQA	4	8	8	0	0	0	0	0	0	0	20	\$ 4,696			\$ 29,700	\$ 29,700	\$ 260	\$ 260	\$ 34,656		
202 Coordination With DDW and County	2	4									6	\$ 1,580			\$ 29,700	\$ 29,700	\$ 78	\$ 78	\$ 31,358		
203 Site Investigation	2	4									14	\$ 3,116					\$ 182	\$ 182	\$ 3,298		
Task 300. 30% Design Documents Preparation																					
301 30% Design Documents Preparation	16	100	144	16	44	44	16	8	140	26	570	\$ 128,286					\$ 7,410	\$ 7,410	\$ 135,696		
302 30% Design Review Workshop	4	8	8	8	44	44	16	4	140	24	544	\$ 122,048					\$ 7,072	\$ 7,072	\$ 129,120		
Task 400. 90% Design Documents Preparation																					
401 90% Design Documents Preparation	12	66	88	16	40	40	24	8	140	26	486	\$ 110,814					\$ 6,318	\$ 6,318	\$ 117,132		
402 90% Design Review Workshop	8	60	80	16	40	40	24	4	140	24	460	\$ 104,576					\$ 5,980	\$ 5,980	\$ 110,556		
Task 500. Final Design Documents Preparation																					
501 Final Design Documents Preparation	8	32	40	0	16	24	8	2	60	16	222	\$ 51,172					\$ 2,886	\$ 2,886	\$ 54,058		
TOTAL	86	218	280	32	100	108	48	50	340	68	1,386	\$ 322,424			\$ 29,700	\$ 29,700	\$ 18,018	\$ 18,018	\$ 370,142		

* Project Equipment Communication Expense

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**STOCKTON
EAST WATER
DISTRICT**

PROVIDING SERVICE SINCE 1948
www.sewd.net

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Vice President
Division 1

Andrew Watkins
President
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March 30, 2021

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3310 El Camino Avenue, Suite170
Sacramento, CA 95821

Subject: Time Variance Request for Permit No. 5838; 7594; 8064, 8175 & 9101

Dear Mr. Wright:

Stockton East Water District (SEWD) is completing construction of flashboard dam installation.

The current dry conditions have caused a demand for the irrigation season to commence earlier than usual and prior to the special conditions in the Permits listed above. Due to the demand for an early irrigation season, the installation of flashboard dams is needed to be performed during the course of the four week time variance request being made. As of March 30, 2021, New Hogan Reservoir, which protects Mormon Slough from flood flows, is storing 152,415 acre-feet. Based on current dry conditions, the allowable (flood control) storage is projected to be approximately 270,000 acre-feet on April 15th. Storms sufficient to create an inflow of about 117,585 acre-feet between today and April 15th are unlikely to occur in view of current long term forecasting. In the event of such a storm(s), the District has the ability to remove these dams in a timely manner to avoid any interference with flood operations. The District understands it is responsible for levee and floodway damage resulting from this variance, and we further understand you as Chief Engineer reserve the right to revoke this variance based on change in weather and/or New Hogan Reservoir conditions.

Stockton East Water District is requesting a time variance to Special Conditions listed respectively in Permit No. 5838; 7594; 8064; 8175 & 9101 to continue construction activities prior and until April 15, 2021. This is our first, time variance request for this project and SEWD does not anticipate repeating this time variance request.

Special Condition No. 7 for Permit No. 5838 states the following:
"That the flashboards and removable stanchions shall be removed prior to November 1 each year and not replace before April 15."

Special Condition No. 14 & 15 for Permit No. 7594 states the following:
“That the flashboards and slide gates shall be removed from the channel of Mormon Slough prior to November 1 each year and shall not be replaced before April 15.”

Special Condition No. 15 for Permit No. 8064 states the following:
“That no work shall be performed in the slough channel during flood season 1 November to 15 April, unless otherwise approved in writing by the Reclamation Board.

Special Condition No. 14 & 15 for Permit No. 8175 states the following:
“That the flashboards and slide gates shall be removed from the channel of Mormon Slough prior to November 1 each year and shall not be replaced before April 15.” & “That the stanchions shall be placed in a lowered position prior to November 1 each year and not erected before April 15.”

Special Condition No. 14 for Permit No. 9101 states the following:
“That the stanchions and flashboards in the proposed dam shall be removed annually from the flowage area of Mormon Slough by November 1, and shall not be replaced before April 15, unless otherwise approved in writing by The Reclamation Board.”

Stockton East Water District understands and will comply with the following:

- All other conditions in Permits No. 5838; 7594; 8064; 8175 & 9101 shall remain in effect.
- Stockton East Water District will be responsible for any and all damages to the levees, floodway, and adjacent properties resulting from granting this variance.
- Stockton East Water District will notify the Department of Water Resource’s Flood Project Inspection Section at (916) 574-2353, at least 5 days prior to start of work.
- Stockton East Water District will notify the Local Maintaining Agency at least 5 days prior to start of work.
- Stockton East Water District will continuously monitor storm patterns, rainfall, and stream flows to ensure the integrity of the federal flood protection facilities. If weather forecasts indicate stormy weather is expected during the approved time extension request, Stockton East Water District will stop the project, remove all supplies and equipment from the adopted plan of flood control, and prepare the work site for the expected stormy weather.

- Stockton East Water District understands this letter of approval does not exempt the Stockton East Water District from obtaining authorization from any federal, State, or local agencies that may have jurisdiction; or to satisfy any California Environmental Quality Act (CEQA) requirements that may be required.

Stockton East Water District requests Central Valley Flood Protection Board approval for a variance to Special Condition No. 7 for Permit No. 5838; Special Condition No. 14 for Permit No. 7594; Special Condition No. 15 for Permit No. 8064; Special Condition No. 14 & 15 for Permit No. 8175 & Special Condition No. 14 for Permit No. 9101 extending the construction season from beginning April 1, 2021 and ending April 15, 2021 for the work described above. If this request is acceptable, please indicate your approval below and return a copy to Stockton East Water District. You may contact me at (209) 948-0333, if you have any questions regarding this request.

Sincerely,



Scot A. Moody
General Manager

The requested variance to extend the construction time of Permit Number Permit No. 5838; 7594; 8064; 8175 & 9101 from (beginning April 1, 2021 and ending April 15,2021) is hereby approved.

Approved by:  Date: 4/1/2021
For Michael C. Wright, Chief Engineer
Central Valley Flood Protection Board

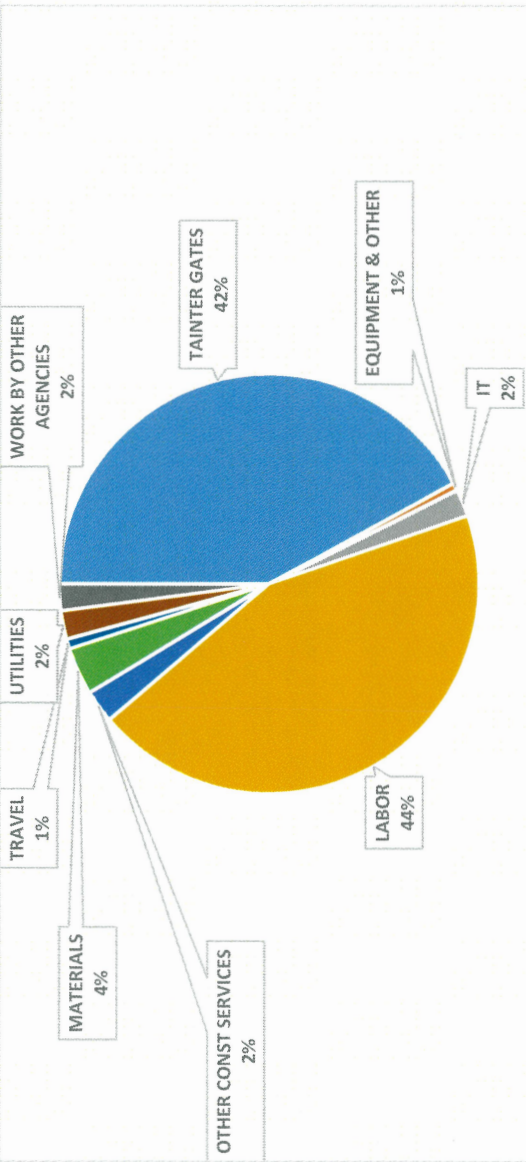
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**STOCKTON EAST WATER DISTRICT
SUMMARY- USACE EXPENSES FY 2016-2020**

A. SUMMARY AND SEWD SHARE

ITEM	FY 16	FY 17	FY 18	FY 19	FY 20	TOTAL	%	SEWD Share
TAINTER GATES	3,187,470.51	(570,000.00)	390,770.81	21,786.30	3,110,711.58	6,140,739.20	38.00%	2,333,480.89
EQUIPMENT & OTHER	12,789.77	19,716.34	18,975.74	12,361.70	24,520.15	88,363.70	38.00%	33,578.21
IT	101,052.21	76,395.84	43,000.00	59,196.90	22,859.00	302,503.95	38.00%	114,951.50
LABOR	1,372,103.17	1,261,145.65	1,227,663.31	1,305,001.60	1,272,402.36	6,438,316.09	38.00%	2,446,560.11
OTHER CONST SERVICES	44,655.41	80,414.36	59,711.05	91,365.14	95,943.58	372,089.54	38.00%	141,394.03
MATERIALS	94,307.05	101,205.71	83,528.42	41,528.78	211,808.29	532,378.25	38.00%	202,303.74
TRAVEL	19,633.87	10,032.69	20,733.12	15,056.72	45,823.39	111,279.79	38.00%	42,286.32
UTILITIES	36,219.58	92,523.61	61,422.36	101,020.78	29,326.49	320,512.82	38.00%	121,794.87
WORK BY OTHER AGENCIES	7,863.76	18,982.72	22,774.81	76,115.37	178,154.16	303,890.82	38.00%	115,478.51
TOTAL	\$4,876,095.33	\$1,090,416.92	\$1,928,579.62	\$1,723,433.29	\$4,991,549.00	\$14,610,074.16		\$5,551,828.18

5-YEAR AVERAGE
\$1,110,365.64



C. Cost per AF (Not Including Loss)

Cost FY 19-20	AF in FY 19-20	Cost per AF	New Cost	Estimated New Cost Per AF
\$ 694,676.29	27,237	25.50	\$ 1,110,365.64	40.77

New Melones Cost per AF

M&I: 55.97

AG: 39.64/AF

Statement Of Account

From: FINANCE AND ACCOUNTING BR
 USACE SACRAMENTO
 1325 J STREET

 SACRAMENTO CA 95814-2922

Phone: 916-557-7520
Fax: 916-557-7522

Acct No: 14-06-200-5057A

Bill Number: 80580

Billing Date: 29-Mar-2021

Make check to:
 Finance & Accounting Officer, USACE, SACRAMENTO DISTRICT

Date Due: 28-Apr-2021

To: STOCKTON EAST WATER DISTRICT
 6767 EAST MAIN ST
 P O BOX 5157

 STOCKTON CA 95205-0157

Date Printed: 26-Mar-2021 09:18

OD MISCELLANEOUS DEBT NOTICE

Bill Desc: NEW HOGAN LAKE O&M EXPENSE 2021

Date	Description of Current Charges	Amount
29-Mar-2021	Collection Type: WATER STORAGE - O&M Remittance Type: GENERAL FUND Accounting Classification: 096 NA R 3220.0000 08 2451 C 96042 904 NA A00084	\$1,110,365.64

The USACE Finance Center can now accept payments for bills online. Customers can now go to www.pay.gov to pay any bill for the Corps of Engineers. Once in the site, select "Find Public Forms" on the left side. Type the word "USACE" in the box provided. This will direct you to the form to use to pay any Corps bill.

If not paid electronically, please send a copy of the bill when remitting payment. Thank you.

Payment of this bill is due and payable upon receipt. In accordance with the Debt Collection Act of 1982, payment not received on or before 28-Apr-2021 will be assessed an interest charge at the rate of 1.00% per annum, computed from the date of this bill. In addition, a one-time \$15 administrative (handling) fee is charged on all delinquent accounts. An additional 6% per annum penalty is also assessed on accounts over 90 days delinquent. The initial penalty is computed retroactive to the due date of the bill and will be assessed if payment is not received on or before 28-Jul-2021.

Balance Forward	Current Charges	Taxes	Interest	Penalty	Admin Fee	Pay This Amount
\$0.00	\$1,110,365.64		\$0.00	\$0.00	\$0.00	\$1,110,365.64

New Hogan Lake Actual Operating Cost for 2016-2020

YR	Total O&M	REC Costs	O&M Costs less REC/RE	Rate	Amount
FY16	5,539,797.43	663,702.10	4,876,095.33	38%	1,852,916.23
FY17	2,035,830.85	945,413.93	1,090,416.92	38%	414,358.43
FY18	2,915,358.81	986,779.19	1,928,579.62	38%	732,860.26
FY19	2,788,518.71	1,065,085.42	1,723,433.29	38%	654,904.65
FY20	6,143,567.07	1,152,018.07	4,991,549.00	38%	1,896,788.62
Total	19,423,072.87	4,812,998.71	14,610,074.16		5,551,828.18

Please note the large increase in O&M during FY16 and 20 is mainly due to the New Hogan Tainter Gate Contract.	FY21	1,110,365.64
	FY22	1,110,365.64
	FY23	1,110,365.64
	FY24	1,110,365.64
	FY25	1,110,365.64
		5,551,828.18

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TECHNICAL ADVISORY COMMITTEE MEETING

AGENDA

Thursday, April 1, 2021

10:00 a.m. – 12:00 p.m.

Call-In Information Provided Below

Note to participants: Members of the public, most staff and other GSA/GWA persons may participate via the teleconference line only. Thank you for your understanding.

Call to Order/Roll Call

A. Discussion/Action Items

1. March 4, 2021 meeting notes (Attached)
2. GWA 2021 Annual Report Review (Attached)
3. USBR Applied Science Grant (Attached)
4. DWR Update Report (Attached)

B. Next Meeting May 6, 2021 and future agenda items

C. Adjournment

NOTICE: Coronavirus COVID-19

Based on guidance from the California Department of Public Health and the Governor's Office, the Teleconference information below is being provided for your participation in the April 1st Technical Advisory Committee Meeting.

Microsoft Teams meeting

Join on your computer or mobile app

[Click here to join the meeting](#)

Or call in (audio only)

+1 209-645-4071 United States, Stockton

Phone Conference ID: 414 252 358#

[Find a local number](#) | [Reset PIN](#)

[Learn More](#) | [Meeting options](#)

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Weekly Water Report	As of: March 29, 2021	As of: April 5, 2021
New Hogan (NHG) TOC	237,508	AF
Storage:	152,415	AF
Net Storage Change:	619	AF
Inflow:	76	CFS
Release:	47	CFS
New Melones (NML) Allocation	75,000	AF
Storage:	1,541,230	AF
Net Storage change:	-1,890	AF
Inflow:	670	CFS
Release:	1,229	CFS
Source: CDEC Daily Reports		

Goodwin Diversion (GDW)		
Inflow (Tulloch Dam):	1,269	CFS
Release to Stanislaus River (S-98):	403	CFS
Release to OID (JT Main):	546	CFS
Release to SSJID (SO Main):	137	CFS
Release to SEWD:	<u>0</u>	CFS
Total Release	1,086	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:	0	
Irrigators on New Melones:	0	
Out-Of-District Irrigators:	0	
DJWWTP Production:	20	MGD
North Stockton:	0	MGD
South Stockton:	1	MGD
Cal Water:	19	MGD
City of Stockton DWSP Production:	14	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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