



REGULAR BOARD MEETING

SEPTEMBER 19, 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

Thomas McGurk
Vice President
Division 7

STAFF

Justin M. Hopkins
General Manager

Juan M. Vega
Assistant General Manager

LEGAL COUNSEL

Jeanne M. Zolezzi
General Counsel

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6767 East Main Street
Stockton, CA 95215

Post Office Box 5157
Stockton, CA 95205

MEETING NOTICE

THE REGULAR MEETING OF THE BOARD OF DIRECTORS OF THE STOCKTON EAST WATER DISTRICT WILL BE HELD AT 12:30 P.M., TUESDAY, SEPTEMBER 19, 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

Page No

- A. Pledge of Allegiance (Legal Counsel Zolezzi) & Roll Call**
- B. Consent Calendar (None)**
- C. Public Comment (Non-Agenda Items)**
- D. Scheduled Presentations and Agenda Items**
 - 1. Minutes 09/12/23 Regular Meeting 01
 - 2. Warrants – California Public Employees’ Retirement System 09
 - 3. Stockton East Water District – Authorization to Release Bid Document for Lower Farmington Canal Rehabilitation Memo 11
 - 4. Stockton East Water District – Sludge Compaction Test Results Memo 13
 - 5. Stockton East Water District – Old Calaveras River Headworks Slide Gate Replacements and Proposed Budget Amendment Memo 15
- E. Committee Reports**
 - 1. Eastern San Joaquin Groundwater Authority Board Meeting, 09/13/23 17
- F. Report of the General Manager**
 - 1. Water Supply Report as of 09/12/23 19

- F. Report of the General Manager – *continued***
 - 2. Information Items
 - a. Material Included, but Bound Separately from Agenda Packet:
 - 1. SEWD Completes New Disinfection Facility, ACWA eNews, 09/08/23
 - 2. Interior Launches New Water Recycling Program With \$180 Million, ACWA eNews, 09/12/23
 - 3. Report on General Manager Activities
 - a. Stockton East Water District Activities Update
- G. Director Reports**
 - 1. Greater Stockton Chamber of Commerce – 56th Annual Industrial Technology Barbecue, 09/13/23 21
 - 2. Tracy Chamber of Commerce – State of The County, 09/19/23 23
- H. Communications**
- I. Agenda Planning/Upcoming Events**
 - 1. San Joaquin County Flood Control & Water Conservation District Advisory Water Commission Meeting, 1:00 p.m., 09/20/23 25
This meeting was cancelled
- J. Closed Session**
 - 1. CONFERENCE WITH LEGAL COUNSEL – ANTICIPATED LITIGATION Potential exposure to litigation – Government Code Section 54956.9 – two cases
- K. Adjournment**

Certification of Posting

I hereby certify that on September 14, 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 September 14, 2023.



Heather Wood, Administrative Assistant
Stockton East Water District

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, SEPTEMBER 12, 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 Director Watkins led the Pledge of Allegiance.

Present at roll call at the District were Directors Atkins, Cortopassi, McGaughey, McGurk, Panizza, Sanguinetti and Watkins. Also present were Manager Hopkins, Assistant Manager Vega, Finance Director Ram, District Engineer Evensen, Maintenance Manager Higare, Administrative Services Manager Celestine, Administrative Assistant Wood and Legal Counsel Zolezzi. Consultant Barkett arrived to the meeting at 12:50 p.m.

B. CONSENT CALENDAR (None)

C. PUBLIC COMMENT

Manager Hopkins introduced Zachary Blevins, Water Supply Operator, who started on September 12, 2023.

President Atkins welcomed Zachary to the District.

D. SCHEDULED PRESENTATIONS AND AGENDA ITEMS

1. Stockton Area Water Suppliers (SAWS) Education Program Annual Report –2022/2023 School Year (Presentation by Water Conservation Coordinator Kristin Coon)

Water Conservation Coordinator Coon presented the SAWS Education Program Annual Report for the 2022/2023 School Year to the Board. Water Conservation Coordinator Coon provided a handout of the Annual Report and gave an overview; Report Summary, Full Report, Feedback and Report Stats. Water Conservation Coordinator Coon reported the school year has returned to normal operation since the COVID-19 pandemic began. Water Conservation Coordinator Coon reported the SAWS Education program reached 20,604 participants through in-class presentations, Earth Day, AgVenture and other events.

Blair Baker, SAWS Water Education Presenter is developing a new portion of the education program called “California Rainfall & Agriculture”. The program will be taught to upper elementary school and middle school students by utilizing magnetic maps, graphs, charts and an information video to discuss agriculture in the Central Valley. Water Conservation Coordinator Coon presented the video included in the program called “Where does my water come from” which documents the waters journey from the water cycle to the faucet. Director McGurk inquired how much time is allotted for the classroom presentation. Water Conservation Coordinator Coon replied the time allotted is 60-90 minutes depending on grade level. Director McGurk suggested breaking up the video to be viewed throughout the presentation. Director Cortopassi commented the video is great for the kids and suggested preparing informational items to send home.

The Board thanked Water Conservation Coordinator Coon for her presentation.

2. Minutes 09/05/23 – Regular Board Meeting

A motion was moved and seconded to approve the September 5, 2023 Regular Board Meeting Minutes, as presented.

Roll Call:

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

Nays: None

Abstain: None

Absent: None

3. 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. Payroll
- g. Summary
- h. Short Names/Acronym List
- i. SEWD Vehicles & Heavy Equipment

A motion was moved and seconded to approve the September 5, 2023 Warrants, as presented.

Roll Call:

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

Nays: None

Abstain: None

Absent: None

4. Stockton East Water District – Draft 2023/2024 Fall/Winter Newsletter

Manager Hopkins provided the Board with a draft of the District’s 2023/2024 Fall/Winter Newsletter. The newsletter will be sent out with the progress bills at the end of the month. Director Watkins suggested adding verbiage indicating payment can be made by credit/debit cards online and in-person at the District office.

5. Statement of Consistency Pursuant to Execute Order N-7-22 and Findings of Fact Stockton East Water District Groundwater Sustainability Agency Statement of Consistency Pursuant to Executive Order N-7-22 – Well Permit Application for 15255 E. State Route 26, Linden, CA Agreement

Manager Hopkins presented the Board with a Statement of Consistency and Well Permit Application. Manager Hopkins reported the District received the well permit application from the San Joaquin Environmental Health Department (SJEHD). The District is required to submit a statement of consistency to San Joaquin County stating the replacement well would be consistent with the District’s Groundwater Sustainability Plan. This application is to construct a new well for irrigation water.

Director Watkins commented on page 38, in the section “Proposed Well Information” the estimated annual extraction volume is 9,000 AF however it should be about 180AF. Manager Hopkins replied that is correct, SJEHD confirmed it is 160AF.

A motion was moved and seconded to approve the Statement of Consistency Pursuant to Execute Order N-7-22 and Findings of Fact Stockton East Water District Groundwater Sustainability Agency Statement of Consistency Pursuant to Executive Order N-7-22 – Well Permit Application for 15255 E. State Route 26, Linden, CA Agreement, as presented.

Roll Call:

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

Nays: None

Abstain: None

Absent: None

6. Stockton East Water District – McGurk Crossing Replacement Box Culverts Purchase Memo
Manager Hopkins provided the Board with a McGurk Crossing Replacement Box Culverts Purchase Memo. Manager Hopkins reported District staff typically constructs a dam and water crossing using earth material at the site with CMP pipes to allow landowner access across the channel. When there are high inflows, the dam gets washed out and that requires the dam to be reconstructed annually. The proposed project would replace the existing crossing with reinforced concrete box culverts. The box culverts will provide continued access, improve fish passage, and reduce maintenance costs from rebuilding earthen dams and crossing every year.

Assistant Manager Vega reported staff acquired quotes from three precast manufacturers. Rinker Materials provided the lowest quote in the amount of \$150,510.46. Staff recommends the Board authorize the General Manager approve the purchase of concrete box culverts from Rinker Materials in the amount of \$150,510.46, plus a 10% contingency of \$15,051.04, for a total of \$165,561.50.

Director Watkins inquired if the river pumps below the crossing are still being used by Director McGurk. Director McGurk responded the water will still reach the river pump. Director Watkins inquired if the box culverts will be protected from debris in the water. Manager Hopkins replied the box culverts are constructed with concrete cut-off walls to prevent the water from flowing underneath and wing walls securing the box culverts to the riverbank. Director Watkins inquired how many culverts are being installed. Assistant Manager Vega responded 10 box culverts which extends to 70ft in length.

District Engineer Evensen added there is a concern with fish passage as fish cannot get over the crossing the way it is currently constructed. Director Sanguinetti stated staff will need to maintain the crossing so debris does not block the fish passage.

A motion was moved and seconded to authorize the General Manager to approve the purchase of concrete box culverts from Rinker Materials in the amount of \$150,510.46, plus a 10% contingency of \$15,051.04, for a total of \$165,561.50, and make all other necessary approvals, as presented.

Roll Call:

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

Nays: None

Abstain: McGurk

Absent: None

7. Stockton East Water District – Proposal for Replacing the Administration Building Roof and Proposed Budget Amendment Memo
Manager Hopkins provided the Board with a proposal to replace the Administration Building roof. Manager Hopkins reported urgent concerns have arisen with regard to the deteriorating condition of the roof and ceiling in said building. The wear and tear on the existing single-ply PVC roof has become evident after the storms of this past winter, necessitating its repair. Additionally, issues with the air conditioning (A/C) unit enclosures and coping metal have emerged. Given these challenges, staff have solicited comprehensive proposals to address the issues and revitalize the roofing system. Staff contacted three roofing companies, Sierra Single Ply, Stoneridge Roofing, and Ford Roofing.

Feedback from the companies indicates the roof condition is beyond repair and roof replacement is necessary.

Assistant Manager Vega reported three quotes were solicited, only two contractors were willing and able to provide quotes. After comparing the two quotes that were provided, the staff-preferred proposal from Stoneridge Roofing . The plan involves the removal of the existing single-ply roof layer and comprehensively cleaning the area. Furthermore, the vendor will thoroughly inspect the entire roof deck to identify any dry rot wood damage. Any identified damage will be rectified. Additionally, walls around the A/C units will be disassembled to remove paths for future leaks to follow. The core installation process includes applying a “Duro-Weave” Slipsheet layer, followed by the installation of a PVC-60mil “Durolast” membrane. The roofers will install the new plumbing flashings and fit new coping metal around the perimeter. The Board approved budget for Fiscal Year 2023-2024 (FY 23-24) for repairs on the Administration Building is \$40,000, of which \$2,770 has been spent to date and which leaves \$37,230 for the roof replacement. The complete scope of work of the preferred proposal, from the initial removal to the final installation, amounts to a total cost of \$86,700. In order to fund the necessary work for the Administration Building’s roof replacement and any unforeseen additional repairs for that building, staff requests the Board approve a budget transfer from account 10-5323-0 Maintenance and Repair TP – MCC-2 Rehabilitation to account 10-5326-0 Maintenance and Repair Buildings – Admin in the amount of \$65,000. Manager Hopkins added the budget amendment would not move funds from one line item to another, but rather shifted funds within the same account. Therefore, the Base Monthly Payment (BMP) and allocation would not be affected.

Director Cortopassi inquired if the dry rot damage was caused by rainfall or if it was condensation from the A/C unit. Manager Hopkins replied there are two A/C units which both drained out through the same drain line. The drain line became clogged and caused a leak. Discussion followed.

A motion was moved and seconded to authorize a budget transfer from account 10-5323-0 Maintenance and Repair TP – MCC-2 Rehabilitation to account 10-5326-0 Maintenance and Repair Buildings – Admin in the amount of \$65,000 and authorize the General Manager to approve a contract with Stoneridge Roofing to replace the roofing system in the Administration Building for the amount of \$86,700.00, plus a 10% contingency of \$8,670, for a total of \$95,370, as presented.

Roll Call:

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

Nays: None

Abstain: None

Absent: None

8. Stockton East Water District – Proposed CVP Diversions for Water Year 2023–2024 Memo
Manager Hopkins provided the Board with a CVP Diversions proposal for Water Year 2023-2024 memo. Manager Hopkins reported if the District takes New Melones water after September 30, 2023, we will be paying a full year of operations and maintenance (O&M) costs and will be allocated any deficit for the entire year. The official determination will not occur until May 2024. Staff talked to the Executive Director of CVP and he clarified; for Ag, if there are no water deliveries for the 2023-2024 water year, there will not be any charges. Any deficit for the 2023-2024 water year will be applied the next water year, but only charged to those contractors that received water for the 2023-2024 water year. For M&I, if there are no water deliveries for the 2023-2024 water year, there will not be any charges. Any deficit for the 2023-2024 water year will be applied the next water year, but only charged to those contractors that received water for the 2023-2024 water year. However, the interest component of the initial capital will be charged regardless of water usage.

Director Cortopassi inquired what are the O&M charges for a full year. Assistant Manager Vega responded there are two components in the O&M water charges; admin and storage. Finance Director Ram added the O&M charge for AG is \$43.16 and the total charge is \$55.33 per AF. Director Cortopassi suggested the District use New Hogan water for the remainder of the year for both Ag and M&I. Discussion followed.

A motion was moved and seconded to authorize ending the irrigation season for New Melones Ag (surface water customers) on September 30, 2023, as presented.

Roll Call:

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

Nays: None

Abstain: None

Absent: None

E. COMMITTEE REPORTS

1. Stockton East Water District Ad-Hoc Committee Meeting – Central San Joaquin Water Conservation & Stockton East Water District, 09/07/23
President Atkins, Director Cortopassi, Director McGurk and Manager Hopkins attended the Stockton East Water District (SEWD) Ad-Hoc Committee Meeting with Central San Joaquin Water Conservation (CSJWCD) on September 7th. Director McGurk reported CSJWCD has contracted with Steve Knell, an AgWater Consultant, to support the development of Sustainable Groundwater Management Act (SGMA) projects. CSJWCD has hired a consultant to conduct a Cost of Service Study which will hopefully blend both District's long-term plans. President Atkins reported two CSJWCD boardmembers would join SEWD's Board for the first four years however, those boardmembers are not guaranteed a seat after the term is up. CSJWCD is concerned there would be no representation for those board divisions and is requesting the boardmembers are guaranteed a position on SEWD's Board after the first four-year term. Director McGurk stated the groundwater rate for both service areas will be the same across the board. The surface water rate is still being discussed. Director McGaughey inquired what the timeframe is for completing the merger. Manager Hopkins replied he is expecting to move forward with LAFCO in a year once the Districts have completed the long term plans respectively. Discussion followed.
2. San Joaquin County & Delta Water Quality Coalition Steering Committee Meeting, 09/11/23
President Atkins attended the San Joaquin County & Delta Water Quality Coalition Steering Committee Meeting on September 11th. President Atkins stated the minutes and financial reports were approved. During the Memberships report the committee discussed the Regional Management Board imposing fines for being out of compliance with the Nitrate Management Plan. During the Program Manager's Report, the committee discussed toxicity in Terminus Tract, Robert Island, Whiskey Slough and Loan Tree Creek at Jacktone Road. There are 42 wells being sampled for the groundwater quality trend monitoring program. Manager Hopkins inquired who conducts the water sampling. Director Atkins replied a third-party company conducts the sampling. CV-SALTS received a letter to comply with the Management Zone Implementation. A presentation is scheduled for October 12th at noon.

F. REPORT OF GENERAL MANAGER

1. Water Supply Report as of 09/05/23
Manager Hopkins 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 197,559 AF in storage at New Hogan Reservoir. Current releases are set at 183 cfs. There is 1,906,327 AF in storage at New Melones Reservoir. Current releases are set at 1,414 cfs. Current release at Goodwin Dam to Stanislaus River are set at 366 cfs and release to all water users are set at 1,597 cfs. There are 14 irrigators on New Hogan, 8 irrigators on New Melones, and 2 irrigators out of District. The water treatment plant is currently processing 48 mgd. The City of Stockton is currently processing 17 mgd.

2. Information Items:

Manager Hopkins noted items: F2a-1, F2a-2, F2a-3 and F2a-4

3. Report on General Manager Activities

a. Stockton East Water District Activities Update

Manager Hopkins reported he attended a CSDA chapter meeting held at the South San Joaquin Irrigation District office. Supervisor Patti was present and gave a presentation from the county. As Supervisor Patti is a member of the LAFCO committee he discussed LAFCO updating the municipal service reviews for fire departments and establishing new spheres of influence for Woodbridge and Byron-Bethany Irrigation Districts. There was discussion to add a special district seat on the LAFCO board. Supervisor Patti reported Mountain House is expected to be the next city to incorporate into the state. Supervisor Patti attended a tour with Metropolitan Water District (MWD) representatives to discuss the Delta Tunnel Project. Although Supervisor Patti has no interest in the Delta Tunnel Project moving forward he did express MWD's interest in partnerships with northern parties to supply more water.

Manager Hopkins reported a private groundwater banking firm discussed the potential to enter into a partnership with the District to bank surface water when available. The firm reached out last week to invite the District on a tour of some projects located in the Fresno area.

Manager Hopkins and Assistant Manager Vega met with the Urban Contractors (UCs) on September 11th to discuss extending the contract. CalWater is interested in extending the contract however, San Joaquin County may not be interested in the contract moving forward and City of Stockton states the contract needs substantial updates. The UC's would like to revisit the terms previously discussed.

G. DIRECTOR REPORTS

1. Stockton East Water District Bellota Check Presentation, 09/06/23

President Atkins, Director McGurk, Director Watkins and Manager Hopkins attended a media event hosted by the California Department of Water Resources (DWR). President Atkins reported DWR presented the District with a check for \$12.2M for the Bellota Weir Modification Project that will support groundwater recharge, water quality and habitat restoration project along the Calaveras River. Assemblymember Carlos Villapadua, Supervisor Paul Canepa, staff from Josh Harder's office, staff from Senator Eggman's office and Karla Nemeth, Director of the California Department of Water Resources were present and addressed event attendees. Manager Hopkins reported he received an email from the National Marine Fisheries Service (NMFS) requesting a meeting between the District and Fish and Wildlife services to discuss a collaborative plan to secure additional funding for the remaining costs of the project. The meeting has been scheduled for October 26th.

H. COMMUNICATIONS

1. United State Bureau of Reclamation – Change in Contractor's Service Area Map (Exhibit A), Stockton East Water District (District), Contract Number 14-07-20-W0329 (Contract), Central Valley Project (CVP). California Letter.

Manager Hopkins provided the Board with a letter from United State Bureau of Reclamation (USBR) responding to the District's request for inclusion of new lands into the District's service area. To move forward, USBR and the District would need to enter into a Letter of Agreement (LOA) whereby the District will agree to pay all of the Reclamation's costs associated with the review.

I. AGENDA PLANNING/UPCOMING EVENTS

1. Eastern San Joaquin Groundwater Authority Steering Committee Meeting, 8:30 a.m., 09/13/23
This meeting was cancelled
2. Eastern San Joaquin Groundwater Authority Board Meeting, 10:30 a.m., 09/13/23
3. Greater Stockton Chamber of Commerce – 56th Annual Industrial Technology Barbecue, 5:00 p.m., 09/13/23
4. Tracy Chamber of Commerce – State of The County, 9:00 a.m., 09/19/23

J. REPORT OF THE COUNSEL

1. CONFERENCE WITH LEGAL COUNSEL: REAL PROPERTY – GOVERNMENT CODE SECTION 54956.8 – Property: Stanislaus River Water Agency Negotiator: Justin M. Hopkins
Negotiating Parties: Justin M. Hopkins, Jeanne Zolezzi
2. CONFERENCE WITH LEGAL COUNSEL – ANTICIPATED LITIGATION Potential exposure to litigation – Government Code Section 54956.9 – two cases

President Atkins adjourned the meeting to closed session at 2:36 p.m. The regular meeting reconvened at 2:52 p.m., with no reportable action.

K. ADJOURNMENT

President Atkins adjourned the meeting at 2:53 p.m.

Respectfully submitted,

Justin M. Hopkins
Secretary of the Board

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**STOCKTON EAST WATER DISTRICT
INVOICES FOR BOARD PACKAGE
CALPERS EFT REQUEST
SEPTEMBER 19, 2023**

Vendor name	District Fund#	Account #	Description	Amount	Invoice No.
1 CA Public Employees Retirement System (CalPERS)	70	10-5049-0	Retirement Contributions for Payroll 09/15/23-Admin	5,674.51	09/15/23 1245106351
			Total Fund 70 Admin	\$ 5,674.51	
5 CA Public Employees Retirement System (CalPERS)	71	10-5049-0	Retirement Contributions for Payroll 09/15/23-WS-NM	4,658.31	09/15/23 1245106351
6 CA Public Employees Retirement System (CalPERS)	71	10-5058-0	Retirement Contributions for Payroll 09/15/23-WS-NH	1,521.71	09/15/23 1245106351
			Total Fund 71 Water Supply	\$ 6,180.02	
7 CA Public Employees Retirement System (CalPERS)	94	10-5049-0	Retirement Contributions for Payroll 09/15/23-M&I	21,721.58	09/15/23 1245106351
			Total Fund 94 Municipal & Industrial	\$ 21,721.58	
Grand Total for Electronic Funds Transfer Request on RBM 09/19/2023				\$ 33,576.11	

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Memorandum

To: Board of Directors
From: Justin M. Hopkins – General Manager
Juan M. Vega – Assistant General Manager
Darrel Evensen – District Engineer
Date: September 19, 2023
Re: Authorization to Release Bid Document for Lower Farmington Canal Rehabilitation

Background

On January 18, 2023 San Joaquin County was added to the Department of Homeland Security, Federal Emergency Management Agency's (FEMA) major disaster declaration for the State of California due to the heavy and continued winter storms experienced in the area in late 2022 and early 2023. These "atmospheric rivers" caused erosion and other damages to several portions of the Stockton East Water District's (District) New Hogan and New Melones Conveyance Systems.

One area that was significantly affected by the heavy rains was the Lower Farmington Canal (LFC) near the Farmington Dam Headworks. Several areas along the canal experienced extensive erosion and water seepage occurred from Rock Creek to the canal due to high water level within Rock Creek. A few of these areas were close to bridges that could have potentially collapsed had District staff not intervened. Additionally, a short retaining wall near the headworks that separates Rock Creek and the District's canal suffered erosion and was in danger of being damaged.

Shortly after the addition of the County to FEMA's major disaster declaration, District staff proceeded to document and address several of the areas of concern in preparation for submitting claims to FEMA for the District to be reimbursed for said work in addressing and mitigating further damage. Part of the FEMA claim process allows for certain damages to be addressed by improving the damaged asset so that it provides additional benefits to the public. The LFC damage qualifies for this provision and can be addressed as an "improved project".

The District's General Manager approved a Professional Services Agreement (PSA) with Kjeldsen, Sinnock & Neudeck, Inc. (KSN) for the initial flood damage survey of the Lower Farmington Canal along Rock Creek. On February 14, 2023 the District's Board of Directors (Board) approved, with an amendment proposal, a technical report that includes emergency repair design services and permanent repair alternatives analysis for long-term solutions as well as FEMA/CalOES process support.

Summary

On August 4, 2023 KSN provided the District with an Alternatives Analysis Memorandum to facilitate discussions with FEMA with regard to the improved project to address LFC damage. **Table 1** shows the alternatives identified and presented by KSN in said report.

#	Alternatives	Cost
0	No project alternative	\$ -
1	Restore earthen canal banks per SEWD record drawings	\$ 588,000
2	Restore earthen canal banks per SEWD record drawings and add rock slope	\$ 1,469,000
3	Restore earthen canal banks per SEWD record drawings and add retaining wall near upstream canal water control structure	\$ 637,000
4	Restore earthen canal banks per SEWD record drawings, add rock slope protection, and add retaining wall near upstream canal water control structure	\$ 1,518,000
5	Replace 2,250 LF of existing open channel flow canal with piped culverts from the existing upstream water control structure to downstream of the Rock Creek Dam	\$ 2,852,000
4b	Restore earthen canal banks per SEWD record drawings, add shotcrete canal lining, and add a protective retaining wall near outfall structure	\$ 1,650,000
5b	Replace 500 LF of existing open channel flow canal with pipe culverts in the area around the Rock Creek Dam spillway crossing and add rock slope protection to the lower portion of the dam spillway	\$ 2,032,000

Table 1. LFC Alternative Analysis Matrix

The alternatives were discussed with the FEMA representative assigned to the District's efforts. Although option 5 was originally preferred by the District, FEMA seemed unlikely to support that effort. Further discussions led to FEMA verbally agreeing that option 4b would be a likely viable, supported option. Staff anticipates FEMA will proceed to support option 4b and as such would like to be prepared with bid options for the Board to consider to quickly address the condition of the LFC.

To facilitate this and other work along the New Melones Conveyance System staff also plans to fully switch source of water coming to the District's Treatment Plant to New Hogan water beginning October 1, 2023.

Financial Impact

This project was unforeseen and as such not budgeted. FEMA will cover 100% of the estimated cost of the project. Actual cost will be determined once the bid process is complete and at that point in time financial impact will be presented to the Board for project consideration.

Recommendation

Staff respectfully recommends the board authorize the General Manager to prepare and release a bid document for rehabilitation work on the LFC consistent with option **4b** in **Table 1**.

Memorandum

To: Board of Directors
From: Justin M. Hopkins – General Manager
Juan Vega – Assistant General Manager
Darrel Evensen – District Engineer
David Strohm – Engineering Technician
Date: September 19, 2023
Re: Sludge Compaction Test Results

Background

District staff was requested to test the feasibility of using dewatered sludge, a byproduct of the water treatment plant, as engineered fill material to provide a structural base for construction. If sludge is deemed as suitable fill material, then the vast stockpile of sludge at the WTP campus can be used as such until it is exhausted. Staff collected three representative 5-gallon sludge samples for testing by Terracon Consultants, the same consultant utilized for compaction testing for the new disinfection buildings. Sludge samples were delivered to Terracon Consultants in Lodi, CA on August 22, 2023 and underwent compaction testing.

Summary

All three sludge samples were deemed unsuitable as engineered fill material due to high organic content. Terracon requires engineered fill material to have an organic content less than or equal to 3%. All samples had organic content above 16% (**Table 1**). Furthermore, two of the three samples were also deemed unsuitable due to expansion indexes greater than or equal to 20 (**Table 2**).

Sludge Sample No.	Organic Content Percentage
#1	16.7%
#2	17.24%
#3	20.21%

Table 1: Sludge Organic Content

Sludge Sample No.	Expansion Index
#1	33
#2	20

Table 2: Sludge Expansion Index

Recommendation

Staff respectfully recommends not using the dewatered sludge as engineered fill material based on these test results.

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Memorandum

To: Board of Directors
From: Justin M. Hopkins – General Manager
Darrel Evensen – District Engineer
John Van Vliet – Associate Engineer
Date: September 19, 2023
Re: Old Calaveras River Headworks Slide Gate Replacements and Proposed Budget Amendment

Background

At the Old Calaveras River Headworks (Headworks), the 48” square slide gates allow water to flow into the Old Calaveras River from the Bellota Pool. The existing slide gates are Calco gates and estimated to be originally installed before 1968. Currently, two slide gates are used to control the flow of water into the Old Calaveras River and the other two slide gates are unused and inoperable. The two slide gates that are used at the Headworks have leaks in the seated position, deteriorated frames, and are at the end of their useful life.

In September of 2022, the Board of Directors (Board) approved the order of slide gates at a cost of \$67,560. After numerous delays from the manufacturer over the past year, Staff cancelled the order. The critical need for slide gate replacements continues into the Fiscal Year (FY) 2023-2024.

Summary

Staff received three new vendor quotes for two slide gates with electric actuators as can be seen in **Table 1**.

Vendor	Amount	Lead Time	Approx. Gate Delivery Month
Fresno Valves	\$51,080	22 weeks	February 2024
Golden Harvest	\$76,260	18 weeks	January 2024
Waterman	\$83,797	18 weeks	January 2024

Table 1. Sluice Gates with Actuators Quotes

Financial Impact

As a part of the Stockton East Water District’s (District) FY 2022-2023 budget, the Board approved a \$60,000 budget to replace two of the four original Headworks slide gates. Given the unexpected delays, the project was not re-budgeted for FY 2023-2024

With a 10% contingency, the purchase would be \$56,188 and would need a budget amendment to complete the purchase. A proposed budget amendment is presented in **Table 2**. Staff solicited quotes for a portion of the Potter Creek Station Upgrade project and they were very expensive. As such, staff will attempt to obtain quotes for the full project next year in hopes of receiving more reasonable quotes.

Item	Fund	Account	Purpose	Beginning Balance	Transfer	Ending Balance
Transfer To	71	10-5203-0	<i>New Hogan Distribution - OCR Headworks Slide Gates</i>	\$ -	\$ 56,500	\$ 56,500
Transfer From	71	10-5203-0	<i>Potter Creek Pump Station Upgrade</i>	\$ 310,000	\$ (56,500)	\$ 253,500

Table 2. Proposed Budget Amendment

Recommendation

District staff respectfully recommends:

1. The Board approve a budget amendment as proposed in **Table 2**, which is required to purchase the Old Calaveras River Headworks Slide Gates.
2. The Board authorize the General Manager to proceed with the purchase of the Headwork slide gates and actuators from Fresno Valves for \$51,080, plus a 10% contingency of \$5,108, for a total approved cost of \$56,188, and make all other necessary approvals.



Board of Directors Special Meeting

AGENDA

Wednesday September 13th, 2023

10:30 a.m. – 12:00 p.m.

San Joaquin County Robert J. Cabral Agricultural Center
2101 E. Earhart Avenue, Stockton, CA 95206

Eastern San Joaquin County Board Members:

Jeremiah Mecham, George Biagi Jr., Grant Thompson, Alan Nakanishi, David Breitenbucher, Dan Wright, Gary Tofanelli, Myron Blanton, Mike Henry, Jason Colombini, Eric Thorburn, John Herrick, Robert Holmes, Andy Christensen, Robert Rickman (Chair) and Mel Panizza (Vice-Chair).

Eastern San Joaquin County Alternates:

Dante Nomellini, Reid Roberts, Charlie Swimley, Mel Lytle, Russ Thomas, Douglas Smith, Joseph Salzman, Eric Schmid, Joe Valente, Scot Moody, Jerry Robinson, Brandon Nakagawa, Andrew Watkins and Paul Canepa

- I. **Call to Order/Pledge of Allegiance & Safety Announcement/Roll Call**
- II. **Scheduled Items**
 - A. Discussion / Action Items:
 1. Approval of the August 9th 2023 Meeting Minutes - [Page 3](#)
 2. Approve a Letter of Agreement with the South San Joaquin Irrigation District for Staff Support Services - [Page 5](#)
 3. Approve Draft Response to the San Joaquin County Civil Grand Jury - [Page 10](#)
 4. Approve a Budget Adjustment in the Amount of \$192,571 for Remaining Grant Funds Awarded Under Proposition 68 - [Page 24 \(Amended\)](#)
 5. Direct Staff to Respond to the Department of Water Resources' Request for Model Data - [Page 26](#)
- III. **Staff/DWR Reports**
 - A. Staff Reports
 - B. DWR Report - [Page 38](#)
- IV. **Directors' Comments and Project Status Reports**
- V. **Public Comment (items not on the agenda)**
- VI. **Future Agenda Items**
- VII. **Adjournment**

EASTERN SAN JOAQUIN GROUNDWATER AUTHORITY
Board of Directors Meeting
AGENDA
(Continued)

Next Regular Meeting
Wednesday, October 11th, 2023
10:30 a.m. – 12:00 p.m.
San Joaquin County Robert J. Cabral Agricultural Center

Action may be taken on any item

Agendas and Minutes may also be found at <http://www.ESJGroundwater.org>

Note: If you need disability-related modification or accommodation in order to participate in this meeting, please contact San Joaquin County Public Works Water Resources Staff at (209) 468-3089 at least 48 hours prior to the start of the meeting.

Weekly Water Report	As of: Sept 12, 2023	As of: Sept 19, 2023
New Hogan (NHG) TOC	317,100	AF
Storage:	197,559	AF
Net Storage Change:	-2,510	AF
Inflow:	20	CFS
Release:	183	CFS
New Melones (NML) Allocation	75,000	AF
Storage:	1,906,327*	AF
Net Storage change:	-7,532*	AF
Inflow:	769*	CFS
Release:	1,414*	CFS
Source: CDEC Daily Reports		

Goodwin Diversion (GDW)		
Inflow (Tulloch Dam):	2,157	CFS
Release to Stanislaus River (S-98):	366	CFS
Release to OID (JT Main):	663	CFS
Release to SSJID (SO Main):	321	CFS
Release to SEWD:	<u>247</u>	CFS
Total Release	1,597	CFS
Source: Tri-Dam Operations Daily Report		
Farmington Dam (FRM)		
Diverted to SEWD:	140	CFS
Diverted to CSJWCD:	90	CFS

Surface Water Used		
Irrigators on New Hogan:	14	
Irrigators on New Melones:	8	
Out-Of-District Irrigators:	2	
DJWWTP Production:	48	MGD
North Stockton:	13	MGD
South Stockton:	7	MGD
Cal Water:	24	MGD
City of Stockton DWSP Production:	17	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>	<u>GPM</u>
Total Well Water Extraction	0	GPM
Total Ground Water Production	0	MGD

**Note: *The data reported here is available as of 09/11/23
All other flow data reported here is preliminary, as of 10:30 a.m. on 09/12/23**

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Wednesday, September 13, 2023

University Plaza Waterfront Hotel

110 W. Fremont St., Stockton 95202

5:00pm - 9:00pm

Tickets are \$60 each

Sponsorship opportunities available

We are excited to be bringing the Industrial Barbecue back for the first time since 2019!

Now in its 56th year, the Industrial Barbecue honors those major manufacturers and industries that have located in or expanded their

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Tracy Chamber of Commerce

Presents:

STATE OF THE COUNTY



Robert Rickman
Chair, San Joaquin County
Board of Supervisors
District 5



Christopher Callahan
President,
University of the Pacific

**September 19, 2023
9AM to 11AM**

**GRAND THEATRE CENTER
FOR THE ARTS**

**715 N CENTRAL AVENUE
TRACY, CA 95376**

**The event is free to the public but RSVPs are
requested.**

For more information or to RSVP:
(209) 835-2131 or
info@tracychamber.org



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San Joaquin County
Flood Control and Water Conservation District

**** CANCELLATION NOTICE ****

**The September 20th, 2023
Advisory Water Commission (AWC)
Meeting is cancelled.**

The next AWC Meeting
is scheduled for:

October 18th, 2023
1:00PM

at the San Joaquin County Robert J. Cabral Agricultural Center
2101 E. Earhart Avenue, Stockton, CA 95206

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