

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, APRIL 19, 2022 AT 12:30 P.M.

A. PLEDGE OF ALLEGIANCE AND ROLL CALL

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

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

B. CONSENT CALENDAR (None)

C. PUBLIC COMMENT

Director Atkins commended District Staff for the unbelievable job they did on the Low Water Crossing on Potter Creek. Director Atkins stated he witnessed the day to day process and was impressed with the work done to complete the project.

D. SCHEDULED PRESENTATIONS AND AGENDA ITEMS

1. Evapotranspiration Study Presentation

a. Satellite Evapotranspiration Project Report

Ali Diba, DCSE provided a presentation to the Board on the discussion focused on the Satellite Evapotranspiration (ET) Project Study. Mr. Diba gave an outline of the items discussed which include the scope of work, remote sensing based on ET estimation, groundwater pumping/recharge estimation, comparison of results with previous years and deliverables. Mr. Diba explained the purpose of the project was to use satellite data to estimate and produce monthly and annual ET and net groundwater use/recharge data for agricultural parcels within the boundary of Stockton East Water District for 2021. Mr. Diba explained the remote sensing bases ET estimation uses the METRIC model; Mapping Evapotranspiration at high Resolution and with Internalized Calibration. Mr. Diba further explained METRIC uses a combination of hourly weather data, satellite imagery (30 meter resolution multispectral imagery from LANDSAT) and energy balance equations to calculate ET; primarily in agricultural areas. Mr. Diba discussed and explained monthly ET images from October 2021, parcel data, zoning to separate Ag parcels data, precipitation data, July 2021 SEWD monthly ET by parcel, 2021 annual SEWD ET by parcel, and SEWD monthly ET time-series. Mr. Diba explained the remote sensing based on groundwater estimation process with an image indicating fields with groundwater pumping (negative values indicate withdraw from groundwater/pumping) and fields with groundwater recharge (positive values indicate contribution to groundwater/recharge). Discussion followed regarding if the ET Study satisfies the State Water Resource Control Board metering and reporting requirements. Mr. Diba provided the Board with data explaining results at the District level with importance to the results for annual pumping of 134,958 AF, annual recharge of 17,615 AF and net groundwater use of 117,342 AF. Discussion followed regarding the data results given. Mr. Diba reported comparisons made to 2018-2020 Groundwater and Surface Water per Crop reports; DCSE estimated values for 2021 to include groundwater at 134,958.20 AF, recharge at 17,615.94 AF and net groundwater use at 117,342.27 AF. Discussion followed regarding the

Groundwater and Surface Water per Crop Report. Mr. Diba discussed estimation inaccuracies within the study to include satellite scenes with extensive cloud cover, Ag parcels adjacent to water bodies (rivers, irrigation canals) and presence of trees results in higher ET, accuracy of pumping data and accuracy of the reported parcels being irrigated. Lastly, Mr. Diba stated DCSE and District Staff are creating an online portal to access satellite ET data in real time. This item was for information only.

2. Minutes 04/12/22 Regular Meeting

A motion was moved and seconded to approve the April 12, 2022 Regular Board Meeting minutes, as presented.

Roll Call:

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

Nayes: None

Abstain: None

Absent: None

3. Warrants – California Public Employees’ Retirement System

A motion was moved and seconded to approve the April 19, 2022 Warrants – California Public Employees’ Retirement System, as presented.

Roll Call:

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

Nayes: None

Abstain: None

Absent: None

4. Stockton East Water District – Calaveras River Fish Monitoring Passive Integrated Transponder (PIT) Tag Pilot Project Memo, 04/19/22

Manager Moody provided the Board with a Memo regarding the Calaveras River Fish Monitoring PIT Tag Pilot Project. Assistant Manager Hopkins reported in August 2020 the Habitat Conservation Plan (Plan) was approved and the Plan requires annual fish passage monitoring down Mormon Slough to measure the effectiveness of the fish notches that are installed in the dams and allow the fish to move downstream. Assistant Manager Hopkins explained the method proposed in the Plan is labor intensive and requires multiple fishery biologists and Staff to go to the dam site with a specialty net to capture, count and size the fish. Assistant Manager Hopkins reported the fishery biologists recommended the use of PIT tags which are already implanted into the fish and read by antennas; the antennas would be placed in key locations down Mormon Slough. Assistant Manager Hopkins reported Staff requested a proposal for the PIT tag pilot project; FISHBIO quoted the project have a capital cost of \$24,000 and an additional annual labor cost of \$5,000. Assistant Manager Hopkins reported an additional proposal from FISHBIO was requested to conduct hands-on fish counting; the estimate was an annual cost of \$13,000. Assistant Manager Hopkins stated the District would have to work with the National Marine Fisheries Service (NMFS) to amend the current Plan to outline the PIT Tag process in the Plan, as it is not currently the method outlined in the Plan. Assistant Manager Hopkins added NMFS is supportive of the project as it not only effectively counts the fish but removes the handling of the fish which causes the fish distress. Discussion followed regarding the placement of the antennas. This item was for information only.

5. Resolution No. 22-23-01 – Authorization To File A Grant Application With The Department Of Interior United States Bureau Of Reclamation For The WaterSMART: Small-Scale Water Efficiency Projects (Funding No. R22AS00195) For Fiscal Year 2022, Execute Any Required Documents and Provide Delegation of Authority

Manager Moody provided the Board with Resolution No. 22-23-01 – Authorization To File A Grant Application With The Department Of Interior United States Bureau Of Reclamation For The WaterSMART: Small-Scale Water Efficiency Projects (Funding No. R22AS00195) For Fiscal Year 2022, Execute Any Required Documents and Provide Delegation of Authority. Assistant Manager Hopkins reported the Bureau of Reclamation has grant funding available for small-scale water efficiency projects. Assistant Manager Hopkins reported the District was awarded the same grant last year and due to that success and the need for project funding, Staff recommends the District apply for the WaterSMART Small-Scale Water Efficiency Project Grant to complete the 8 Mile Dam Replacement Project. Assistant Manager Hopkins explained with the new design, an automated gate would be integrated which qualifies this project to be funded by the WaterSMART Grant; the maximum amount awarded is \$100,000 with a 50/50 cost share. Assistant Manager Hopkins reported the budgeted amount for the 8 Mile Dam Replacement Project is \$208,000 which is more than enough to cover the District’s cost share amount.

A motion was moved and seconded to approve Resolution No. 22-23-01 – Authorization To File A Grant Application With The Department Of Interior United States Bureau Of Reclamation For The WaterSMART: Small-Scale Water Efficiency Projects (Funding No. R22AS00195) For Fiscal Year 2022, Execute Any Required Documents and Provide Delegation of Authority, as presented.

Roll Call:

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

E. COMMITTEE REPORTS

1. Eastern San Joaquin Groundwater Authority – Board of Director’s Meeting, 04/13/22
Director Panizza, Director Watkins, Manager Moody and Assistant Manager Hopkins attended the April 13, 2022 Eastern San Joaquin Groundwater Authority – Board of Director’s Meeting. Director Panizza reported discussion regarding developing funding to improve the underground aquifer. Director Panizza stated Supervisor Winn and County Staff are leaning toward a special sales tax which would require a vote; ~~Supervisor Winn~~ Director Panizza expressed concern with adding an additional sales tax to the ballot due to the current political climate. Director Panizza reported the special sales tax would provide funding for water projects. The next meeting is scheduled for May 11, 2022.
2. Eastern San Joaquin Groundwater Authority Technical Advisory Committee (TAC) Meeting, 04/14/22
President Watkins, Manager Moody and Assistant Manager Hopkins attended the April 14, 2022 Eastern San Joaquin Groundwater Authority Technical Advisory Committee (TAC) Meeting. President Watkins reported discussion regarding the logistics for the draft response to be submitted to the Groundwater Sustainability Agencies. Manager Moody reported discussion regarding funding, financing and bringing pertinent legislation to the Groundwater Authority Board. Manager Moody stated he discussed Senate Bill 656 (Eggman) and requested letters of

support from the Groundwater Sustainability Agencies. Manager Moody reported the Board of Supervisors did a strategic plan survey for their constituents to determine the most important issues to address; water was the No. 1 issue the voters had. Director Sanguinetti commented during a drought is the best time to initiate a sales tax because voters understand the need for water funding. The next meeting is scheduled for May 5, 2022.

F. REPORT OF GENERAL MANAGER

1. Water Supply Report as of 04/11/22

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 131,310 AF in storage at New Hogan Reservoir. Current releases are set at 145 cfs. Current release at Goodwin Dam to Stanislaus River are set at 1,014 cfs and release to all water users are set at 56 cfs. The water treatment plant is currently processing 36 mgd. The City of Stockton is currently processing 10 mgd.

2. Information Items:

Manager Moody noted item: F2a-1 and F2a-2.

3. Report on General Manager Activities

a. Stockton Area Water Suppliers (SAWS) Meeting, 04/15/22

Manager Moody attended the April 15, 2022 Stockton Area Water Suppliers (SAWS) Meeting. Manager Moody reported discussion regarding the well permitting procedure and the idea that all Groundwater Sustainability Agencies using the same criteria would be beneficial for recommendation to the County. Manager Moody reported the Suppliers requested a copy of the Water Transfer Agreement with Oakdale Irrigation District; Manager Moody stated he will send the agreement to them. Manager Moody reported discussion regarding the water year and water conservation. The next meeting is scheduled for June 17, 2022.

b. Stockton East Water District Activities Update

Assistant Manager Hopkins reported damage to the Potter Creek Dam; Staff discovered the issue on the morning of Monday, April 18th. Assistant Manager Hopkins reported Staff has mobilized to repair the Dam with a plan to pour concrete and compact fill material; then the Dam will recharge once the repairs have been made. This item was for information only.

G. DIRECTOR REPORTS

1. AG Venture Days (Tracy, CA), 04/14/22

Director Sanguinetti attended the April 14, 2022 AG Venture Days (Tracy, CA). Director Sanguinetti reported the event was held at the Delta Home Charter in Tracy, CA. Director Sanguinetti reported the event had a great turn out with nearly 1,800 children and 200 volunteers present. Director Sanguinetti reported Delta Home Charter had a nice large arena space where the event was held.

H. COMMUNICATIONS

1. South San Joaquin Irrigation District – SB 656 (Eggman) Letter of Support, 04/13/22

Manager Moody provided the Board with a letter of support from South San Joaquin Irrigation District regarding Senate Bill 656 (Eggman). Consultant Barkett reported he spoke with Senator

Eggman’s Chief of Staff and Senate Bill 656 will be taken to a hearing in June. This item was for information only.

2. Oakdale Irrigation District – SB 656 (Eggman) Letter of Support, 04/12/22
Manager Moody provided the Board with a letter of support from Oakdale Irrigation District regarding Senate Bill 656 (Eggman). This item was for information only.
3. North San Joaquin Water Conservation District – SB 656 (Eggman) Letter of Support, 04/06/22
Manager Moody provided the Board with a letter of support from South North San Joaquin Water Conservation District regarding Senate Bill 656 (Eggman). This item was for information only.

I. AGENDA PLANNING/UPCOMING EVENTS

1. San Joaquin County Flood Control and Water Advisory Commission Meeting, 1:00 p.m., 04/20/22
2. Stockton East Water District Special Board Meeting – Smith Canal Gate Tour, 9:30 a.m., 04/22/22

J. REPORT OF THE COUNSEL

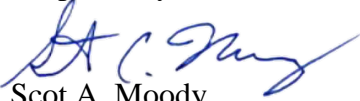
1. Closed Session - Potential Litigation
Government Code 54956.9 (c) – one case

President Watkins adjourned the meeting to closed session at 2:03 p.m. to discuss closed session agenda items. The regular meeting reconvened at 2:26 p.m., with no reportable action.

K. ADJOURNMENT

President Watkins adjourned the meeting at 2:27 p.m.

Respectfully submitted,


Scot A. Moody
Secretary of the Board

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