



REGULAR BOARD MEETING

AUGUST 4, 2026



# STOCKTON EAST WATER DISTRICT

PROVIDING SERVICE SINCE 1948

[www.sewd.net](http://www.sewd.net)

## DIRECTORS

Richard Atkins  
Division 1

Andrew Watkins  
Division 2

Ryan Hansen  
Division 3

Melvin Panizza  
Division 4

Paul Sanguinetti  
Division 5

Paul Nakaue  
Vice President  
Division 6

Thomas McGurk  
President  
Division 7

## STAFF

Justin M. Hopkins  
General Manager

Juan M. Vega  
Assistant General Manager

## LEGAL COUNSEL

Jeanne M. Zolezzi  
General Counsel

Phone 209-948-0333  
Fax 209-948-0423

E-mail [sewd@sewd.net](mailto:sewd@sewd.net)

6767 East Main Street  
Stockton, CA 95215

Post Office Box 5157  
Stockton, CA 95205

## MEETING NOTICE

A REGULAR MEETING OF THE BOARD OF DIRECTORS OF THE  
STOCKTON EAST WATER DISTRICT WILL BE HELD  
AT 12:30 P.M., TUESDAY, AUGUST 4, 2026 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.

Agendas and minutes are located on our website at [www.sewd.net](http://www.sewd.net).

## AGENDA

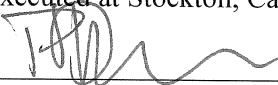
### Page No

- |                                                                                                                                                    |    |
|----------------------------------------------------------------------------------------------------------------------------------------------------|----|
| <b>A. Pledge of Allegiance (President McGurk) &amp; Roll Call</b>                                                                                  |    |
| <b>B. Public Comment (Non-Agenda Items)</b>                                                                                                        |    |
| <b>C. Consent Calendar</b>                                                                                                                         |    |
| 1. Minutes 07/28/26                                                                                                                                | 01 |
| 2. Warrants                                                                                                                                        |    |
| a. Fund 67 – Agricultural Fund                                                                                                                     | 05 |
| b. Fund 68 – Groundwater Production Fund                                                                                                           | 07 |
| c. Fund 70 – Administration Fund                                                                                                                   | 09 |
| d. Fund 71 – Water Supply Fund                                                                                                                     | 13 |
| e. Fund 89 – Fish Screen Improvement Fund                                                                                                          | 15 |
| f. Fund 91 – Vehicle Fund                                                                                                                          | 17 |
| g. Fund 94 – Municipal & Industrial Fund                                                                                                           | 19 |
| h. Payroll                                                                                                                                         | 23 |
| i. Summary                                                                                                                                         | 25 |
| j. Short Name/Acronym List                                                                                                                         | 27 |
| k. SEWD Vehicles & Heavy Equipment                                                                                                                 | 29 |
| 3. Warrants – California’s Public Employees’ Retirement System                                                                                     | 31 |
| <b>D. Scheduled Presentations and Agenda Items</b>                                                                                                 |    |
| 1. Stockton East Water District – Staff Report – Professional Services Agreements For WSEP Environmental Review, Permitting, and Modeling Services | 33 |
| 2. Cancellation of November 10, 2026, Stockton East Water District Regular Board Meeting                                                           | 73 |
| 3. Stockton East Water District – Staff Report – Consider Approval of Contract Award of Construction of North & South Stockton MOV Upgrade         | 75 |

- E. Committee Reports (NONE)**
- F. Report of the General Manager**
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  2. Informational Items:
    - a. Central San Joaquin Water Conservation District Newsletter, 07/20/26 81
  3. Report on General Manager Activities
    - a. Stockton East Water District's Activities Update
  4. Stockton East Water District Water Supply Update
- G. Director Reports**
1. Annual Grower's Meeting, 07/29/26 83
- H. Communications**
1. Water Education Foundation Letter, 07/16/26 85
- I. Agenda Planning/Upcoming Events (NONE)**
- J. Closed Session**
1. CONFERENCE WITH LEGAL COUNSEL – ANTICIPATED LITIGATION Potential exposure to litigation – Government Code Section 54956.9 – one case
- K. Adjournment**

**Certification of Posting**

I hereby certify that on July 30, 2026 I posted a copy of the foregoing agenda in the outside display case at the District Office, 6767 East Main Street, Stockton, California, said time being at least 72 hours in advance of the meeting of the Board of Directors of the Stockton East Water District (Government Code Section 54954.2). Executed at Stockton, California on July 30, 2026.

  
\_\_\_\_\_  
Priya Ram, Director of Finance & Administration  
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 people with disabilities.

THE MEETING OF THE BOARD OF DIRECTORS  
OF STOCKTON EAST WATER DISTRICT WAS HELD AT THE DISTRICT OFFICE  
6767 EAST MAIN STREET, STOCKTON, CA  
ON TUESDAY, JULY 28, 2026, AT 12:30 P.M.

**A. PLEDGE OF ALLEGIANCE AND ROLL CALL**

President McGurk called the regular meeting to order at 12:30 p.m. Legal Counsel Selke led the Pledge of Allegiance.

Present at roll call at the District were Directors Atkins, McGurk, Hansen, Panizza, Sanguinetti and Watkins. Also present were Manager Hopkins, Director of Finance and Administration Ram, Senior Engineer Verduzco, Maintenance & Construction Manager Higaes, Administrative Assistant Rodriguez, Legal Counsel Selke and Consultant Barkett. Director Nakaue was absent.

**B. PUBLIC COMMENT**

**C. CONSENT CALENDAR**

1. Minutes 07/21/26 Regular Board Meeting

President McGurk made the following correction to the minutes:

- On Page 3, Section D-2, Paragraph 5, Line 1: replace: “27-27-09” with “26-27-09”

A motion was moved and seconded to approve the July 21, 2026 Regular Board Meeting, as amended.

Roll Call:

Ayes: Atkins, Hansen, McGurk, Panizza, Sanguinetti, Watkins  
Nays: None  
Abstain: None  
Absent: Nakaue

**D. SCHEDULED PRESENTATIONS AND AGENDA ITEM**

1. California Farm Coalition – New Executive Director Michelle Paul

Michelle Paul new Executive Director from California Farm Coalition reported the coalition's communications efforts are guided by four core values: being factual, positive, respectful, and committed to correcting misinformation. Outreach includes proactive media interviews, guest commentaries, and letters to the editor to ensure agriculture's perspective is represented in discussions related to water policy. Ms. Paul reported the coalition also continues to expand its public outreach initiatives. The "Food Grows Where Water Flows" sign campaign is being revitalized, fact sheets are regularly prepared for lobbyists working at the State Capitol, and educational programs, including a digital display at Sacramento's Museum of Science and Curiosity, are helping teach children about the water required to grow food. The "Cultivate California" consumer outreach campaign has been particularly successful in reaching urban audiences through social media, influencer partnerships, and targeted promotions. This year, the campaign has grown to more than 100,000 followers, generated nearly five million content views, and reached approximately 1.7 million unique users, with a primary audience of women with disposable income living in urban areas, particularly within the Los Angeles Basin. Ms. Paul emphasized that developing proactive relationships with members of the media is critical, noting that many news stories are relationship-driven and that educating reporters has become increasingly important as the number of journalists specializing in water issues has declined. Ms. Paul encouraged the Board members to notify the coalition whenever they encounter misinformation regarding agricultural

water use, such as the frequently repeated but misleading claim that agriculture uses 80 percent of California's water.

## **E. COMMITTEE REPORTS**

## **F. REPORT OF GENERAL MANAGER**

1. Water Supply Report as of 07/21/26  
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.
2. Information Items: None
3. Report on General Manager Activities
  - a. Stockton East Water District's Activities Update  
Manager Hopkins reported he has been selected to be part of the U.S. Water Delegation to Denmark, where he will engage in discussions on water regulation, policy, and management practices. The trip is being organized by the Association of Metropolitan Water Agencies in partnership with the Danish Ministry of Foreign Affairs.
4. Stockton East Water District Finance & Administration Update  
Director of Finance & Administration Ram presented the Board with a Finance update. Director of Finance & Administration Ram reported the District has earned approximately \$343,000 in investment income for the first quarter of fiscal year 2026–2027, with just over \$11,000 generated through California CLASS and approximately \$332,000 earned through LAIF. Director Ram also provided an update on the Tyler Technologies implementation, which remains on schedule to go live on August 17. Finance staff recently completed eight hours of hands-on training, and over the next few weeks will focus on final testing and system validation to ensure successful implementation.

## **G. DIRECTOR REPORTS**

## **H. COMMUNICATIONS**

## **I. AGENDA PLANNING/UPCOMING EVENTS**

1. STAART South County Truck Unveiling – West Valley Mall, 8:30 a.m., 07/29/26
2. Annual Grower's Meeting, 10:00 a.m., 07/29/26

## **J. REPORT OF THE COUNSEL**

1. CONFERENCE WITH LEGAL COUNSEL – ANTICIPATED  
LITIGATION Potential exposure to litigation – Government Code  
Section 54956.9 – one case

President McGurk adjourned the meeting to closed session at 12:46 p.m. The regular meeting reconvened at 12:56 p.m., with no reportable action.

**K. Stockton East Water District Board of Directors Tour**

1. Operations Conference Room
2. Booster Pump Station
3. Bellota Weir Project

**L. ADJOURNMENT**

President McGurk adjourned the meeting at 3:00 p.m.

Respectfully submitted,

Justin M. Hopkins  
General Manager

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**STOCKTON EAST WATER DISTRICT  
INVOICES FOR BOARD PACKAGE  
AUGUST 4, 2026**

| Vendor name                             | Account # | Description                                            | Amount              | Invoice No. |
|-----------------------------------------|-----------|--------------------------------------------------------|---------------------|-------------|
|                                         |           | <b>AGRICULTURAL FUND 67</b>                            |                     |             |
| 1 Oakdale Irrigation District           | 10-5211-0 | 2026 Transfer of Water Agreement June 2026 (839.5 a/f) | 183,472.73          | 3283        |
| 2 South San Joaquin Irrigation District | 10-5211-0 | 2026 Transfer of Water Agreement June 2026 (839.5 a/f) | 183,472.73          | 9537        |
|                                         |           | <b>AGRICULTURAL FUND 67 TOTAL</b>                      | <b>\$366,945.46</b> |             |

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AUGUST 4, 2026**

| Vendor name         | Account # | Description                                                  | Amount            | Invoice No.          |
|---------------------|-----------|--------------------------------------------------------------|-------------------|----------------------|
|                     |           | <b>GROUNDWATER PROD. FUND 68</b>                             |                   |                      |
| 3 PG&E 1289619691-7 | 10-5302-0 | Electricity 06/08/26-07/07/26 E Main-Extract Well South      | 184.48            | 12896196917-07/14/26 |
| 4 PG&E 1949656419-6 | 10-5302-0 | Gas & Electr 06/12/26-07/13/26 Extraction Well #1            | 1,778.91          | 19496564196-07/20/26 |
| 5 PG&E 4758034525-5 | 10-5302-0 | Electricity 06/08/26-07/07/26 6767 E Main-Extract Well North | 305.74            | 47580345255-07/14/26 |
|                     |           | <b>GROUNDWATER PROD. FUND 68 TOTAL</b>                       | <b>\$2,269.13</b> |                      |

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Agenda Item: C-2b  
Date: 08/04/26

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**STOCKTON EAST WATER DISTRICT  
INVOICES FOR BOARD PACKAGE  
AUGUST 4, 2026**

| Vendor name                             | Account # | Description                                                         | Amount    | Invoice No.            |
|-----------------------------------------|-----------|---------------------------------------------------------------------|-----------|------------------------|
|                                         |           | <b>ADMIN FUND 70</b>                                                |           |                        |
| 6 ACWA Joint Powers Insurance Authority | 10-5128-0 | Cyber liability program 07/01/26-07/1/27                            | 8,032.38  | S012                   |
| 7 Amazon Capital Services, Inc.         | 10-5142-0 | Laptop power bank for J. Vega                                       | 72.64     | 1MMN-F3ML-HGQJ         |
| 8 Amazon Capital Services, Inc.         | 10-5125-0 | Office supplies ordered on 07/07/26, 07/13/26 & 07/16/26            | 129.90    | 1CM6-KQT3-V6WG/XFMR/6T |
| 9 Amazon Capital Services, Inc.         | 10-5127-0 | Meeting expense supplies for 07/29/26                               | 124.82    | 13CL-T4L6-RVMG         |
| 10 American West Communications, L.P.   | 10-5141-0 | Monthly Gopher Ridge tower rental for the WS maintenance July 2026  | 671.93    | 46260                  |
| 11 Availability Professional Staffing   | 10-5044-0 | Temporary Labor-Admin week Ending 04/12/26 S. Tillery               | 1,161.00  | 11995                  |
| 12 Availability Professional Staffing   | 10-5044-0 | Temporary Labor- Admin Week Ending - 05/17/26 S. Tillery & R. Saaga | 2,064.00  | 12102                  |
| 13 Availability Professional Staffing   | 10-5044-0 | Temporary Labor- Admin Week Ending - 06/28/26-07/12/26 R. Saaga     | 4,945.00  | 12203/1227/12237       |
| 14 Calidad Services, Inc.               | 10-5143-0 | Monitoring for July 2026                                            | 1,282.40  | 5127                   |
| 15 Cerida Investment Corp.              | 10-5141-0 | Answering service from 06/30/26-08/24/26                            | 327.18    | 112-96350/112-96586    |
| 16 Employment Development Dept. (EDD)   | 10-5047-0 | EDD Unemployment                                                    | 83.00     | L1336496432            |
| 17 Fishbio                              | 10-5174-0 | May-June 2026 HCP Reporting, RST Monitoring & BMI                   | 38,946.14 | 5424/5426              |
| 18 Fishbio                              | 10-5174-0 | June 2026 Life History Study & Consulting Calaveras O.mykiss        | 21,608.26 | 5426                   |
| 19 Kristin V. Coon                      | 10-5131-0 | Water Conservation Education September 2026                         | 17,250.00 | 2026-09                |

Agenda Item: C-2c  
Date: 08/04/26

**STOCKTON EAST WATER DISTRICT  
INVOICES FOR BOARD PACKAGE  
AUGUST 4, 2026**

| Vendor name                                   | Account # | Description                                                                | Amount   | Invoice No.          |
|-----------------------------------------------|-----------|----------------------------------------------------------------------------|----------|----------------------|
|                                               |           | <b>ADMIN FUND 70</b>                                                       |          |                      |
| 20 Liebert Cassidy Whitmore                   | 10-5150-0 | Professional services through 06/30/26                                     | 145.50   | 327847               |
| 21 Parks Printing, LLC                        | 10-5125-0 | SEWD Rules & Ordinances Guide (50)                                         | 747.25   | 85410                |
| 22 Platt Electric Supply Inc.                 | 10-5146-0 | Monitoring Well Antennas-SCADA prj- Conduit fittings (4) and fasteners (2) | 16.09    | 7M11588              |
| 23 Provost & Pritchard Engineering Group, Inc | 10-5110-0 | Urban Water Management Plan - Prof. Services June 2026                     | 2,702.20 | 132373               |
| 24 Quadient Finance USA Inc./Neofunds         | 10-5126-0 | Annual fee for postage machine                                             | 36.00    | PPLN01 001-7/13/26   |
| 25 Quill Corporation                          | 10-5125-0 | Office supplies ordered on 07/01/26 & 07/07/26                             | 472.39   | 49460259/0506/6516   |
| 26 SEWD Petty Cash                            | 10-5133-0 | Supplies for Greater Chamber mixer & Annual Grower's meeting               | 308.86   | June2026-July2026    |
| 27 SEWD Petty Cash                            | 10-5127-0 | Reimbursement for meeting expense on 07/29/26                              | 21.78    | June2026-July2026    |
| 28 SEWD Petty Cash                            | 10-5104-0 | District values Integrity- L. Perez-Luna                                   | 200.00   | June2026-July2026    |
| 29 Shred City LLC                             | 10-5125-0 | Document destruction service - July 2026                                   | 60.00    | 27182070726          |
| 30 Smart & Final                              | 10-5127-0 | Board Room/Break Room Supplies- 06/30/26 & 07/10/26                        | 420.55   | 835977/783600        |
| 31 The Record                                 | 10-5133-0 | 06/23/26-06/30/26 UWMP Notice of Preparation                               | 209.70   | 7784599              |
| 32 Tyler Technologies, Inc.                   | 10-5145-0 | Implementation of Financial software 07/06/26 & 07/08/26. RBM 09/24/24     | 1,400.00 | 045-572034           |
| 33 Tyler Technologies, Inc.                   | 10-5145-0 | Implementation of asset maintenance 07/09/26. RBM 12/17/24                 | 620.00   | 045-572033           |
| 34 Underground Service Alert                  | 10-5105-0 | 2026 membership annual fee for Underground Service Alert                   | 300.00   | 1715292026           |
| 35 US Bank Corporate Payment System           | 10-5104-0 | 2026 ACWA Spring conference - Lodging expense                              | 588.68   | Evensen3257-052226b  |
| 36 US Bank Corporate Payment System           | 10-5104-0 | 2026 Cal Poly Keynote- Lodging expense                                     | 195.20   | Hopkins9020-052226g  |
| 37 US Bank Corporate Payment System           | 10-5189-0 | Fraud transaction; unable to dispute due to delayed AP review              | 19.00    | Hopkins9020-052226bb |
| 38 US Bank Corporate Payment System           | 10-5104-0 | 2026 One Voice conference- Travel expense                                  | 14.32    | Hopkins9020-052226ee |
| 39 US Bank Corporate Payment System           | 10-5104-0 | 2026 ACWA Spring conference - Lodging expense                              | 557.58   | Vega2302-052226m     |
| 40 US Bank Corporate Payment System           | 10-5101-0 | 2026 Safety Shoe Allowance - D. Higaes                                     | 141.38   | Higaes1184-062226a   |
| 41 US Bank Corporate Payment System           | 10-5103-0 | 2026 Annual CSDA Conference - R. Atkins                                    | 890.00   | Hopkins9020-062226k  |
| 42 US Bank Corporate Payment System           | 10-5127-0 | Meeting expense - 06/02/26 06/04/26                                        | 373.38   | Rangel5834-062226fi  |
| 43 US Bank Corporate Payment System           | 10-5103-0 | Heavy Equipment recertification training - A. Riojas                       | 460.00   | Riojas0385-062226c   |
| 44 US Bank Corporate Payment System           | 10-5101-0 | Replacement pads (2) for AED- AED Superstore                               | 180.55   | Cahoon8501-072226a   |
| 45 US Bank Corporate Payment System           | 10-5104-0 | Meeting expense on 05/31/26- SWAN Conference - FasTrak                     | 8.50     | Cahoon8501-072226c   |
| 46 US Bank Corporate Payment System           | 10-5141-0 | Monthly service 07/08/26-08/08/26- StarLink                                | 55.00    | Cahoon8501-072226d   |
| 47 US Bank Corporate Payment System           | 10-5104-0 | 2026 General Manager Leadership conference - Travel expense                | 239.83   | Hopkins9020-072226ab |
| 48 US Bank Corporate Payment System           | 10-5104-0 | 2026 General Manager Leadership conference - Lodging expense               | 1,096.16 | Hopkins9020-072226c  |

**STOCKTON EAST WATER DISTRICT  
INVOICES FOR BOARD PACKAGE  
AUGUST 4, 2026**

| Vendor name                         | Account # | Description                                                                   | Amount              | Invoice No.         |
|-------------------------------------|-----------|-------------------------------------------------------------------------------|---------------------|---------------------|
|                                     |           | <b>ADMIN FUND 70</b>                                                          |                     |                     |
| 49 US Bank Corporate Payment System | 10-5127-0 | Meeting expense - Dave Wongs 07/08/26                                         | 142.92              | Hopkins9020-072226d |
| 50 US Bank Corporate Payment System | 10-5127-0 | Meeting expense parking on 07/16/26 for Vistage                               | 60.00               | Hopkins9020-072226f |
| 51 US Bank Corporate Payment System | 10-5124-0 | Plaud AI note taker - Amazon 07/17/26                                         | 204.83              | Hopkins9020-072226g |
| 52 US Bank Corporate Payment System | 10-5133-0 | Postcards for Grower's Meeting - Staples                                      | 359.67              | Ram7551-072226a     |
| 53 US Bank Corporate Payment System | 10-5127-0 | Board meeting supplies/meal expense - Rinaldi's Market 07/07/26               | 53.86               | Ram7551-072226b     |
| 54 US Bank Corporate Payment System | 10-5127-0 | Meeting expense - Casa Flores 07/10/26                                        | 38.52               | Ram7551-072226d     |
| 55 US Bank Corporate Payment System | 10-5103-0 | 2026 Board Secretary/Clerk conference registration- B. Rodriguez              | 825.00              | Ram7551-072226e     |
| 56 US Bank Corporate Payment System | 10-5127-0 | Board meeting supplies/meal expense - Costco & BJ's Restaurant 06/23/26       | 422.86              | Rangel5834-072226ab |
| 57 US Bank Corporate Payment System | 10-5127-0 | Meeting expense- Save Mart 06/26/26 & Panda Express 07/10/26                  | 127.09              | Rangel5834-072226ch |
| 58 US Bank Corporate Payment System | 10-5127-0 | Meeting expense- Panera Bread 07/15/26                                        | 148.88              | Rangel5834-072226m  |
| 59 US Bank Corporate Payment System | 10-5127-0 | Board Room/Break Room Supplies- Costco 06/30/26                               | 47.92               | Rangel5834-072226d  |
| 60 US Bank Corporate Payment System | 10-5127-0 | Board meeting supplies/meal expense- Go Falafel 07/21/26                      | 313.32              | Rangel5834-072226e  |
| 61 US Bank Corporate Payment System | 10-5127-0 | Board meeting supplies/meal expense- Whirlows 07/07/26                        | 397.76              | Rangel5834-072226f  |
| 62 US Bank Corporate Payment System | 10-5127-0 | Board Room/Break Room Supplies- Costco 07/10/26                               | 11.98               | Rangel5834-072226i  |
| 63 US Bank Corporate Payment System | 10-5127-0 | Board meeting supplies/meal expense- Save Mart, Panda Express & BJ's 07/14/26 | 493.13              | Rangel5834-072226jl |
| 64 US Bank Corporate Payment System | 10-5105-0 | CARB clean truck check program semi-annual fees for Unit 53 & Unit 95         | 66.18               | Vega2302-072226cd   |
| 65 US Bank Corporate Payment System | 10-5104-0 | 2026 ACWA Spring conference- Parking                                          | 14.00               | Hopkins9020-042226a |
| 66 US Bank Corporate Payment System | 10-5127-0 | Meeting expense- 03/26/26                                                     | 71.72               | Hopkins9020-042226e |
| 67 US Bank Corporate Payment System | 10-5170-0 | Meeting expense- 03/27/26                                                     | 42.46               | Vega2302-042226f    |
| 68 Verve Networks                   | 10-5145-0 | SharePoint/OneDrive Migration June 2026                                       | 555.00              | 36498               |
| 69 Verve Networks                   | 10-5143-0 | Microsoft 365 Monthly Billing July 2026                                       | 1,324.60            | 36428               |
| 70 Verve Networks                   | 10-5140-0 | IT Project Billing- New device set ups for laptops J. Vega & Intern           | 907.50              | 36500/36245/36499   |
| 71 Verve Networks                   | 10-5140-0 | Hard drives (2)- SEWD-NAS                                                     | 1,502.91            | 36463               |
| 72 Woodard & Curran, Inc.           | 10-5174-0 | Prof. services for Calaveras River Watershed ending Apr 2026                  | 53,147.00           | 263091              |
| 73 Xerox Financial Services LLC     | 10-5124-0 | Monthly lease for Plotter Printer- 07/18/26-08/17/26                          | 747.85              | 42392476            |
| 74 XRoad Networks, Inc              | 10-5141-0 | Internet (StarLink) charges July 2026                                         | 345.00              | ZO39174             |
|                                     |           | <b>ADMIN FUND 70 TOTAL</b>                                                    | <b>\$171,550.51</b> |                     |

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**STOCKTON EAST WATER DISTRICT  
INVOICES FOR BOARD PACKAGE  
AUGUST 4, 2026**

Agenda Item: C-2d  
Date: 08/04/26

| Vendor name                                      | Account # | Description                                                                       | Amount              | Invoice No.             |
|--------------------------------------------------|-----------|-----------------------------------------------------------------------------------|---------------------|-------------------------|
|                                                  |           | <b>WATER SUPPLY FUND 71</b>                                                       |                     |                         |
| 75 Delta Cable & Supply, Inc.                    | 10-5202-0 | Rope (600 feet) for boom line at Bellota Weir                                     | 396.60              | 50505                   |
| 76 Geiger Manufacturing, Inc.                    | 10-5213-0 | Shear pins for Bellota trash rack                                                 | 720.00              | 98973                   |
| 77 HDR Engineering, Inc.                         | 10-5205-0 | Mormon Slough Railroad Bridge Fish Passage prj- Professional Serv. 05/31/26-06/27 | 27,890.18           | 1200846431              |
| 78 HDS White Cap Construction Supply             | 10-5205-0 | George Watkins Low Water Crossing prj- Rebar & fasteners                          | 3,650.41            | 50038045417/10024114622 |
| 79 Iconix Waterworks/Corix Water Products US Inc | 10-5206-0 | Bellota Pipeline- Air Release Valve Replacement prj- 2" ARI combo Valves (5)      | 23,602.91           | U2616023857             |
| 80 Industrial Training Services, Inc.            | 10-5217-0 | Highway 4 Traveling Trash Racks prj- PG&E Contractor LMS training - Electricians  | 499.20              | 205650                  |
| 81 J. Milano Company, Inc.                       | 10-5213-0 | Sprockets (4) & links (4) for maintenance on bird cage trash rack                 | 144.93              | 173209                  |
| 82 Jesse The Tree Guy, Inc                       | 10-5203-0 | Calaveras Pipeline-Clements Pipeline & Reservoir-Tree cleaning RBM 03/17/26       | 60,984.00           | INV0887                 |
| 83 Jesse The Tree Guy, Inc                       | 10-5203-0 | Potter Creek Pump Station Upgrade prj - Tree trimming & removal of green waste    | 3,000.00            | INV0882                 |
| 84 PG&E 1949656419-6                             | 10-5213-0 | Gas & Electr 06/12/26-07/13/26 Bellota Block House -NM                            | 4,879.70            | 19496564196-07/20/26    |
| 85 PG&E 1949656419-6                             | 10-5202-0 | Gas & Electr 06/12/26-07/13/26 Bellota Block House-NH                             | 1,338.56            | 19496564196-07/20/26    |
| 86 PG&E 233223109-3                              | 10-5213-0 | Electricity 06/10/26-07/09/26 Sonora Rd-NMCF                                      | 356.83              | 2332231093-07/16/26     |
| 87 PG&E 3117175782-1                             | 10-5213-0 | Electricity 06/16/26-07/15/26 Escalon Bellota trash rack                          | 1,169.01            | 31171757821-07/22/26    |
| 88 PG&E 5598232323-4                             | 10-5213-0 | Electricity 06/08/26-07/07/26 E Funck Rd Gates                                    | 971.26              | 55982323234-07/14/26    |
| 89 PG&E 6377610771-4                             | 10-5213-0 | Electricity 06/08/26-07/07/26 Copperopolis Rd trash rack                          | 702.86              | 63776107714-07/14/26    |
| 90 PG&E 8683314685-4                             | 10-5213-0 | Electricity 06/10/26-07/09/26 Duck Creek trash rack                               | 1,014.63            | 86833146854-07/16/26    |
| 91 Platt Electric Supply Inc.                    | 10-5213-0 | Mounting plates and strut to install solar panels at 66" Vault for radio          | 267.84              | 7L73861                 |
| 92 San Joaquin County Sheriff Dept.              | 10-5213-0 | June 2026 Temp workers-Weed abatement- NM                                         | 1,448.00            | 43957/43961             |
| 93 San Joaquin County Sheriff Dept.              | 10-5202-0 | June 2026 Temp workers-Weed abatement- NH                                         | 724.00              | 43963                   |
| 94 Stockton Windustrial Co.                      | 10-5213-0 | Pipe fittings (80) & pipe clamps (4) for 66" Vault radio antenna                  | 913.67              | 405806 01               |
| 95 Stockton Windustrial Co.                      | 10-5205-0 | George Watkins Low Water Crossing prj - Pipe fittings (3)                         | 33.40               | 406168 01               |
| 96 SunWize Power & Battery, LLC                  | 10-5202-0 | Solar Panels for Potter Creek, 66" and PC-2                                       | 601.98              | PS-INV106354            |
| 97 US Bank Corporate Payment System              | 10-5213-0 | Circuit breakers (2) for PC-3, PC-1 & 66" vault radio communication cabinet       | 74.94               | Cahoon8501-072226b      |
| 98 US Bank Corporate Payment System              | 10-5217-0 | Highway 4 Traveling Trash Racks prj- PG&E contractor LMS training for District    | 520.00              | Teixeira2598-072226a    |
|                                                  |           | <b>WATER SUPPLY FUND 71 TOTAL</b>                                                 | <b>\$135,904.91</b> |                         |

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**STOCKTON EAST WATER DISTRICT  
INVOICES FOR BOARD PACKAGE  
AUGUST 4, 2026**

Agenda Item: C-2e  
Date: 08/04/26

| Vendor name                                | Account # | Description                                                            | Amount              | Invoice No.           |
|--------------------------------------------|-----------|------------------------------------------------------------------------|---------------------|-----------------------|
|                                            |           | <b>FISH SCREEN IMPROVEMENT FUND 89</b>                                 |                     |                       |
| 99 Fishbio                                 | 10-5180-0 | Bellota Weir Modifications prj-Professional Services for May-June 2026 | 1,248.43            | 5425                  |
| 100 Moore Biological Consultants           | 10-5180-0 | Bellota Weir Modifications prj- Professional Serv. June 2026           | 887.60              | 713497                |
| 101 NHA Advisors, LLC                      | 10-5180-0 | Consulting service (POF WIFIA App/develop) 11/15/25-06/30/26           | 8,695.00            | 2053                  |
| 102 North Valley Labor Compliance Services | 10-5180-0 | Bellota Weir Mod prj-Prof. services Labor compliance June 2026         | 1,650.00            | 5904                  |
| 103 US Bank Corp. Trust Services           | 10-5423-0 | 2026 COPs Interest payment                                             | 803,250.00          | 2026 COP int. payment |
|                                            |           | <b>FISH SCREEN IMPROVEMENT FUND 89 TOTAL</b>                           | <b>\$815,731.03</b> |                       |

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**STOCKTON EAST WATER DISTRICT  
INVOICES FOR BOARD PACKAGE  
AUGUST 4, 2026**

| Vendor name                          | Account # | Description                                                         | Amount            | Invoice No.         |
|--------------------------------------|-----------|---------------------------------------------------------------------|-------------------|---------------------|
|                                      |           | <b>VEHICLE FUND 91</b>                                              |                   |                     |
| 104 Interstate Truck Center          | 10-5182-0 | Filters to service Unit 95                                          | 383.28            | 01P652219           |
| 105 Sitech West LLC                  | 10-5343-0 | Batteries (2), screen protector, training & set up for Sitech rover | 2,716.39          | SWS10003509/3508    |
| 106 US Bank Corporate Payment System | 10-5182-0 | AC leak test analysis & repair on Unit 67                           | 3,027.03          | Hlgares1184-072226b |
| 107 US Bank Corporate Payment System | 10-5182-0 | Clean truck check on Unit 95                                        | 102.50            | Riojas0385-072226b  |
|                                      |           | <b>VEHICLE FUND 91 TOTAL</b>                                        | <b>\$6,229.20</b> |                     |

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Agenda Item: C-2f  
Date: 08/04/26

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**STOCKTON EAST WATER DISTRICT  
INVOICES FOR BOARD PACKAGE  
AUGUST 4, 2026**

| Vendor name                                                      | Account # | Description                                                                           | Amount    | Invoice No.               |
|------------------------------------------------------------------|-----------|---------------------------------------------------------------------------------------|-----------|---------------------------|
|                                                                  |           | <b>MUNICIPAL &amp; INDUSTRIAL FUND 94</b>                                             |           |                           |
| 108 7-11 Material Inc                                            | 10-5326-0 | Repurpose Chlorine Room prj- Slurry Cement                                            | 871.59    | 410165580                 |
| 109 Amazon Capital Services, Inc.                                | 10-5321-0 | Filters for VFD Fans (3 boxes)                                                        | 306.42    | 1P63-FWPP-FLK9            |
| 110 Amazon Capital Services, Inc.                                | 10-5326-0 | Repurpose Chlorine Room prj- Cables for Monitors (3)                                  | 79.68     | 1VHF-FJCK-YN7Y/X9JG       |
| 111 Amazon Capital Services, Inc.                                | 10-5344-0 | Wire label cartridges (2)                                                             | 136.56    | 1TMC-N9JF-H7RJ            |
| 112 Amazon Capital Services, Inc.                                | 10-5326-0 | Magnetic screen door for Maintenance office                                           | 55.89     | 113Y-K4GT-CR7Q            |
| 113 Amazon Capital Services, Inc.                                | 10-5343-0 | Magnetic canopies with umbrellas (2)                                                  | 160.54    | 13G3-KCWM-TGMD            |
| 114 Amazon Capital Services, Inc.                                | 10-5341-0 | Chest waders                                                                          | 118.51    | 1611-9NCL-KDXM            |
| 115 Availability Professional Staffing                           | 10-5044-0 | Temporary Labor-Admin week Ending 04/12/26-07/12/26 A. Cortez                         | 8,331.68  | 11995/12102/12203/12227/1 |
| 116 Battery Systems Inc.                                         | 10-5321-0 | Batteries (24) for refurbishing UPS's                                                 | 700.29    | 3-42726E+13               |
| 117 Calidad Services, Inc.                                       | 10-5325-0 | Remote guarding for July 2026                                                         | 1,500.00  | 5127                      |
| 118 California Pest Control                                      | 10-5325-0 | Rodent abatement for buildings at Treatment Plant 06/29/26                            | 339.00    | 217265                    |
| 119 Cal-West Concrete Cutting, Inc.                              | 10-5323-0 | Utility Water Pump Station prj- Pipe cuts                                             | 675.00    | 39657                     |
| 120 Central Valley Rentals/Bobcat Central Inc/Big Valley Rentals | 10-5321-0 | Concrete & rental of mixer 07/16/26 for installation of ballards near Ops & SED Basil | 224.86    | R50018                    |
| 121 Chemtrade Chemicals                                          | 10-5301-0 | Acidified Alum delivered on 07/07/26, 07/13/26 & 07/21/26                             | 42,318.23 | 90419157/9158/9159/2607/2 |

Agenda Item: C-2g  
Date: 08/04/26

**STOCKTON EAST WATER DISTRICT  
INVOICES FOR BOARD PACKAGE  
AUGUST 4, 2026**

| Vendor name                                       | Account # | Description                                                                           | Amount     | Invoice No.                |
|---------------------------------------------------|-----------|---------------------------------------------------------------------------------------|------------|----------------------------|
|                                                   |           | <b>MUNICIPAL &amp; INDUSTRIAL FUND 94</b>                                             |            |                            |
| 122 CM Floor Covering Inc.                        | 10-5326-0 | Repurpose Chlorine Room prj- Labor and materials for flooring Ops offices             | 19,300.00  | 3449                       |
| 123 Ecco Equipment Corp.                          | 10-5329-0 | Rental of 4 YD Wheel Loader for Cleaning Sludge Lagoons 06/22/26-07/03/26             | 6,072.50   | 313345-0001                |
| 124 Ecco Equipment Corp.                          | 10-5328-0 | Rental of 14' blade all wheel drive for weed abatement at TP 07/01/26-07/04/26        | 4,044.00   | 313463-0001                |
| 125 Edges Electric Group                          | 10-5326-0 | Receptable boxes (5), outlets (3), wire connector (3) & adapter for Maint. supervisor | 330.85     | S6760059,004/.001/.007/.00 |
| 126 Edges Electric Group                          | 10-5326-0 | Port wall plate, wire covers (80) & RJ45 connectors (2) for Maint. supervisor office  | 218.93     | S6760059,003/.002/.006     |
| 127 Edges Electric Group                          | 10-5326-0 | Repurpose Chlorine Room prj- Freight charges on exit signs                            | 119.81     | S3734503.002               |
| 128 Edges Electric Group                          | 10-5321-0 | VFD cables (110) for P-26 VFD                                                         | 4,038.66   | S6711197.001               |
| 129 Emerson LLLP                                  | 10-5321-0 | Magmeter remote mount wiring for North Site South Well                                | 470.54     | 31254923                   |
| 130 Fastenal                                      | 10-5344-0 | Bathroom tissue (4 cases) & paper towels (2 cases)                                    | 577.00     | CAST2113066/CAST2113065    |
| 131 FGL Environmental                             | 10-5308-0 | Subcontracted analysis on 06/03/26- 07/07/26                                          | 19,131.00  | 638175C/541A/951A/176A/29  |
| 132 FGL Environmental                             | 10-5308-0 | Inorganic analysis on 06/10/26 & 06/16/26                                             | 1,197.00   | 638516A/811A/814A/813A     |
| 133 FGL Environmental                             | 10-5308-0 | Coliform bacti monitoring sampled on 06/21/26-07/11/26                                | 2,688.00   | 639112A-650301A            |
| 134 FGL Environmental                             | 10-5308-0 | Coliform bacti monitoring sampled on 03/31/26                                         | 125.00     | 634254A                    |
| 135 FGL Environmental                             | 10-5308-0 | Organic analysis on 06/23/26                                                          | 100.00     | 639264A                    |
| 136 Flow Motion Systems Inc.                      | 10-5321-0 | Magmeter sensor for Hypo Feeder                                                       | 2,450.00   | 20433                      |
| 137 GHX Industrial LLC                            | 10-5321-0 | Viton Gaskets (4) for T-6 Contamination                                               | 2,825.06   | 16581758                   |
| 138 Golden State Lumber, Inc                      | 10-5323-0 | Utility Water Pump Station prj- Lumber                                                | 104.28     | 8458806                    |
| 139 Grainger, Inc.                                | 10-5344-0 | First Aid Kit supplies                                                                | 53.74      | 9979224525/9979365112      |
| 140 Grainger, Inc.                                | 10-5341-0 | Safety vest (24) & hard hat (10)                                                      | 809.11     | 9979364750/9001218073      |
| 141 Grainger, Inc.                                | 10-5344-0 | Trash bags (2 boxes)                                                                  | 63.22      | 9975817934                 |
| 142 HDS White Cap Construction Supply             | 10-5326-0 | Repurpose Chlorine Room prj- Concrete dye                                             | 16.96      | 10024161357                |
| 143 Hixco                                         | 10-5344-0 | Fasteners (81) for stock                                                              | 20.10      | 3008159/3008640            |
| 144 Holt of CA                                    | 10-5323-0 | Utility Water Pump Station prj - Rental of vacuum trailer 06/09/26-06/24/26           | 5,389.17   | ER7216854010               |
| 145 Iconix Waterworks/Corix Water Products US Inc | 10-5323-0 | Utility Water Pump Station prj- Gaskets, flanges, pipe wrap and saddle                | 1,507.44   | U2616024039                |
| 146 Iconix Waterworks/Corix Water Products US Inc | 10-5321-0 | Saddle for sensor installation on ASR Well                                            | 203.65     | U2616024040                |
| 147 JCI Jones Chemicals, Inc.                     | 10-5301-0 | 12.5% Sodium Hypochlorite delivered 07/02/26, 07/14/26 & 07/20/26                     | 34,399.73  | 1000672/1422/1539/2048     |
| 148 Jesse The Tree Guy, Inc                       | 10-5324-0 | Trim and clean up Oak Trees, Avocado and other trees Near Admin and around Sou        | 6,300.00   | INV0888/INV0889            |
| 149 MSC Industrial Supply                         | 10-5344-0 | Hand soap refills for dispenser (4)                                                   | 53.54      | 61999751                   |
| 150 Oakdale Irrigation District                   | 10-5211-0 | 2026 Transfer of Water Agreement June 2026 (2448 a/f)                                 | 734,400.00 | 3283                       |

**STOCKTON EAST WATER DISTRICT  
INVOICES FOR BOARD PACKAGE  
AUGUST 4, 2026**

| Vendor name                                          | Account # | Description                                                                         | Amount     | Invoice No.             |
|------------------------------------------------------|-----------|-------------------------------------------------------------------------------------|------------|-------------------------|
|                                                      |           | <b>MUNICIPAL &amp; INDUSTRIAL FUND 94</b>                                           |            |                         |
| 151 Pace Supply Corp.                                | 10-5326-0 | Automatic toilet flush valve for restroom in Ops                                    | 600.39     | 511561598               |
| 152 PG&E 0908023195-5                                | 10-5302-0 | Electricity 06/18/26-07/19/26 WTP East Side Feeder                                  | 30,711.80  | 09080231955-07/20/26    |
| 153 PG&E 1949656419-6                                | 10-5302-0 | Gas & Electr 06/12/26-07/13/26 TP-Electricity                                       | 25.70      | 19496564196-07/20/26    |
| 154 PG&E 1949656419-6                                | 10-5303-0 | Gas & Electr 06/12/26-07/13/26 TP-Natural Gas                                       | 366.08     | 19496564196-07/20/26    |
| 155 PG&E 2544904013-5                                | 10-5302-0 | Electricity 06/18/26-07/19/26 TP HS @6749 E Main                                    | 192,956.64 | 25449040135-07/20/26    |
| 156 PG&E 3795916542-6                                | 10-5302-0 | Electricity 06/08/26-07/07/26 6767 E Main-North Raw Water                           | 283.30     | 37959165426-07/14/26    |
| 157 PG&E 7493068226-0                                | 10-5302-0 | Electricity 06/13/26-07/14/26 Outdoor Light-TP                                      | 13.44      | 74930682260-07/20/26    |
| 158 Platt Electric Supply Inc.                       | 10-5344-0 | Zip ties (100), cable tie mounts (100) & wire label cartridges (2)                  | 169.15     | 7M25590                 |
| 159 Platt Electric Supply Inc.                       | 10-5321-0 | Light bulbs (18) & lamps (14) for Treatment Plant & SED basins lighting             | 589.17     | 7M46951/7M14679/7M50644 |
| 160 R & S Erection Tri County Inc. Stockton Division | 10-5326-0 | Replace and adjust doors to function with key pad at Ops building                   | 3,065.98   | 149584                  |
| 161 R.F. MacDonald Company                           | 10-5321-0 | Pump for SA-1                                                                       | 1,648.21   | INV - 1598              |
| 162 Rat Inc.                                         | 10-5324-0 | Rental of portable restroom for Maintenance Yard 07/10/26-08/06/26                  | 180.00     | INV/2026/7049           |
| 163 Rexel USA Inc                                    | 10-5321-0 | Trouble shoot and program VFD on P-26                                               | 6,066.09   | S145066104.001          |
| 164 Ryan Herco Flows Solutions                       | 10-5321-0 | Pipe for Hypo System                                                                | 243.69     | B600559                 |
| 165 San Joaquin County Sheriff Dept.                 | 10-5324-0 | June 2026 Temp workers-Weed abatement- TP                                           | 4,344.00   | 43956-43964             |
| 166 South San Joaquin Irrigation District            | 10-5211-0 | 2026 Transfer of Water Agreement June 2026 (2448 a/f)                               | 734,400.00 | 9537                    |
| 167 Stockton Windustrial Co.                         | 10-5321-0 | Gaskets (4) and flanges for T-6 contamination                                       | 139.62     | 405989 01               |
| 168 Stockton Windustrial Co.                         | 10-5321-0 | Pipe and fittings (5) for Feed 15 & Feed 16 leak                                    | 35.08      | 406050 01               |
| 169 Stockton Windustrial Co.                         | 10-5323-0 | ACH Metering Pump - pipe fittings and tubing for installation of pump               | 100.68     | 406201 01               |
| 170 Stockton Windustrial Co.                         | 10-5321-0 | Pipe fittings, flange and fasteners for Rapid Mix                                   | 70.45      | 406304 01               |
| 171 SunESolar Mission III LLC                        | 10-5302-0 | Energy produced on low & high side solar panels June 2026                           | 42,439.03  | 90005373                |
| 172 Uline Inc                                        | 10-5321-0 | Safety railing for around Hypo Buildings                                            | 2,039.82   | 209880087               |
| 173 Uline Inc                                        | 10-5326-0 | Repurpose Chlorine Room prj- Mobile file 3 drawer                                   | 351.73     | 210288897               |
| 174 Univar USA Inc.                                  | 10-5301-0 | Caustic Soda delivered 07/06/26                                                     | 4,464.16   | 54015924                |
| 175 US Bank Corporate Payment System                 | 10-5326-0 | Wall mount fan for Lactation Room                                                   | 61.41      | Riojas0385-062226d      |
| 176 US Bank Corporate Payment System                 | 10-5326-0 | Repurpose Chlorine Room prj- Sealant, adhesive, paper, paint brushes, rollers & fau | 419.05     | Riojas0385-062226e      |
| 177 US Bank Corporate Payment System                 | 10-5341-0 | Safety vests (24) with "SEWD" logo                                                  | 120.00     | Cahoon8501-072226g      |
| 178 US Bank Corporate Payment System                 | 10-5344-0 | Cord sleeve & zip ties for cleaning up of wires & cables                            | 13.04      | Higares1184-072226a     |
| 179 US Bank Corporate Payment System                 | 10-5344-0 | California flag for Treatment Plant                                                 | 53.38      | Ram7551-072226c         |

**STOCKTON EAST WATER DISTRICT  
INVOICES FOR BOARD PACKAGE  
AUGUST 4, 2026**

| Vendor name                              | Account # | Description                                                          | Amount                | Invoice No.        |
|------------------------------------------|-----------|----------------------------------------------------------------------|-----------------------|--------------------|
| 180 US Bank Corporate Payment System     | 10-5343-0 | Brake motor & reel stay assembly to repair rebar gun                 | 119.85                | Riojas0385-072226c |
| 181 US Bank Corporate Payment System     | 10-5326-0 | Screw packs for Admin office                                         | 10.80                 | Riojas0385-072226d |
| 182 US Bank Corporate Payment System     | 10-5343-0 | Level & utility knife for Unit 67                                    | 46.16                 | Riojas0385-072226d |
| 183 US Bank Corporate Payment System     | 10-5343-0 | Furniture dollies (2) & hand truck                                   | 132.94                | Riojas0385-072226f |
| 184 US Bank Corporate Payment System     | 10-5325-0 | Hose bib & backflow preventer for Ops hose in basement               | 10.76                 | Riojas0385-072226g |
| 185 US Bank Corporate Payment System     | 10-5344-0 | Buckets (5) & lids (2) for cleaning drain lines for new installation | 25.46                 | Riojas0385-072226h |
| 186 US Bank Corporate Payment System     | 10-5321-0 | Security supplies                                                    | 134.00                | Wunder3017-072226a |
| 187 USA Blue Book                        | 10-5321-0 | Injection valve for Turbidimeter in Filter Gallery                   | 153.75                | INV01097933        |
| 188 Valley Landscaping & Maintenance Inc | 10-5325-0 | WTP landscaping services for July 2026                               | 2,750.00              | 93395              |
| 189 Wille Electric Supply Co, Inc.       | 10-5344-0 | Zip ties (200)                                                       | 107.43                | S2307538.001       |
|                                          |           | <b>MUNICIPAL &amp; INDUSTRIAL FUND 94 TOTAL</b>                      | <b>\$1,932,289.78</b> |                    |

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STOCKTON EAST WATER DISTRICT  
PAYROLL EXPENSES AUGUST 4, 2026

| Vendor name                 | Description                                             | Amount               |
|-----------------------------|---------------------------------------------------------|----------------------|
|                             | <b>ADMIN FUND 70</b>                                    |                      |
| 1 SEWD Fund 01-General Fund | Payroll Date - 07/03/2026                               | 53,200.57            |
|                             | Payroll Date - 07/17/2026                               | 51,707.41            |
|                             | Payroll Date - 07/31/2026                               | 57,870.18            |
|                             | <b>ADMIN FUND 70 PAYROLL TOTAL</b>                      | <b>\$ 162,778.16</b> |
|                             |                                                         |                      |
|                             | <b>WATER SUPPLY FUND 71</b>                             |                      |
| 2 SEWD Fund 01-General Fund | Payroll Date - 07/03/2026                               | 50,162.17            |
|                             | Payroll Date - 07/17/2026                               | 47,714.39            |
|                             | Payroll Date - 07/31/2026                               | 48,740.25            |
|                             | <b>WATER SUPPLY FUND 71 PAYROLL TOTAL</b>               | <b>\$ 146,616.81</b> |
|                             |                                                         |                      |
|                             | <b>MUNICIPAL &amp; INDUSTRIAL FUND 94</b>               |                      |
| 3 SEWD Fund 01-General Fund | Payroll Date - 07/03/2026                               | 154,937.53           |
|                             | Payroll Date - 07/17/2026                               | 159,651.05           |
|                             | Payroll Date - 07/31/2026                               | 166,829.26           |
|                             | <b>MUNICIPAL &amp; INDUSTRIAL FUND 94 PAYROLL TOTAL</b> | <b>\$ 481,417.84</b> |
|                             |                                                         |                      |
|                             | <b>TOTAL FOR RBM 08/04/2026</b>                         | <b>\$ 790,812.81</b> |

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**STOCKTON EAST WATER DISTRICT  
INVOICES AND PAYROLL FOR BOARD PACKAGE  
AUGUST 4, 2026**

| <b>Fund Number</b> | <b>Fund Summary</b>          | <b>AP Amount</b>      | <b>Payroll Amount</b> |
|--------------------|------------------------------|-----------------------|-----------------------|
| Fund 67            | Agricultural Fund            | 366,945.46            |                       |
| Fund 68            | Groundwater Prod. Fund       | 2,269.13              |                       |
| Fund 70            | Administration Fund          | 171,550.51            | 162,778.16            |
| Fund 71            | Water Supply Fund            | 135,904.91            | 146,616.81            |
| Fund 89            | Fish Screen Improvement Fund | 815,731.03            |                       |
| Fund 91            | Vehicle Fund                 | 6,229.20              |                       |
| Fund 94            | Municipal & Industrial Fund  | 1,932,289.78          | 481,417.84            |
|                    | <b>TOTAL FUND SUMMARY</b>    | <b>\$3,430,920.02</b> | <b>\$790,812.81</b>   |

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Short Names/Acronym List

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

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| <b>Vehicles</b>                                   |                       |
| Unit 57 2011 Ford F150 Pickup Long Bed            | Pickup Truck          |
| Unit 65 2015 Ford F250 S-Duty 4wd                 | Pickup Truck          |
| Unit 66 2015 Ford F250 S-Duty 4wd                 | Pickup Truck          |
| Unit 67 2015 Ford F250 S-Duty 4wd                 | Pickup Truck          |
| Unit 69 2015 Ford F150 4x4 Supercrew Pickup       | Pickup Truck          |
| Unit 74 2019 Ford F250 S-Duty 4wd                 | Pickup Truck          |
| Unit 75 2019 Ford F250 S-Duty 4wd                 | Pickup Truck          |
| Unit 76 2020 Ford Escape                          | Automobile            |
| Unit 79 2022 Ford F150                            | Pickup Truck          |
| Unit 80 2022 Ford F150                            | Pickup Truck          |
| Unit 81 2022 Ram 1500                             | Pickup Truck          |
| Unit 82 2023 Toyota Tacoma                        | Pickup Truck          |
| Unit 83 2023 Toyota Tacoma                        | Pickup Truck          |
| Unit 84 2023 Toyota Tacoma                        | Pickup Truck          |
| Unit 85 2023 Toyota Tacoma                        | Pickup Truck          |
| Unit 86 2023 Ford F-350                           | Pickup Truck          |
| Unit 87 2023 Ford F-350                           | Pickup Truck          |
| Unit 88 2024 Toyota Rav4                          | Automobile            |
| Unit 89 2024 Toyota Rav4                          | Automobile            |
| Unit 90 2024 Ford F-350                           | Pickup Truck          |
| Unit 92 2024 Ford F-150                           | Pickup Truck          |
| Unit 93 2024 Toyota Tacoma                        | Pickup Truck          |
| Unit 94 2024 Toyota Tacoma                        | Pickup Truck          |
| Unit 97 2026 Ford F-650 Flatbed Dump Truck        | Pickup Truck          |
| Unit 103 2025 Ford F-150 Lightning Pro            | Pickup Truck-Electric |
| <b>Light equipment</b>                            |                       |
| Unit 102 Genie GS 1930 Scissor Lift               | Lift                  |
| Unit 70 2016 Cat Forklift                         | Forklift              |
| Unit 58 2014 Polaris Ranger EV- Maintenance       | Utility Vehicle       |
| Unit 59 2014 Polaris Ranger EV- Maintenance       | Utility Vehicle       |
| Unit 62 2014 Polaris Ranger EV- Water Supply      | Utility Vehicle       |
| Unit 99 2025 Kubota RTVX2 UTV                     | Utility Vehicle       |
| Unit 100 2025 Kubota RTVX2 UTV                    | Utility Vehicle       |
| Unit 101 2025 Kubota RTVX2 UTV                    | Utility Vehicle       |
| <b>Heavy equipment</b>                            |                       |
| Unit 29 Caterpillar Backhoe                       | Heavy Equip.          |
| Unit 38 John Deere 6420 Tractor                   | Tractor               |
| Unit 41 Case Tractor 570mxt Turbo                 | Tractor               |
| Unit 52 Kubota Tractor                            | Tractor               |
| Unit 53 2011 Kenworth T300 Dump Truck (dsl)       | Heavy Truck           |
| Unit 56 2010 Ford F450 Truck                      | Heavy Truck           |
| Unit 73 2018 Caterpillar Backhoe                  | Heavy Equip.          |
| Unit 77 2022 CAT Long Reach Excavator             | Heavy Equip.          |
| Unit 95 Manitex 26 Ton Crane Truck                | Heavy Truck           |
| Unit 96 2024 F-550 Crew Cab Diesel w. 12ft scelzi | Heavy Truck           |
| Unit 98 2025 325 Blade Excavator                  | Heavy Equip.          |
| <b>Accessories</b>                                |                       |
| Dive Boat                                         | Accessory             |
| Boat Trailer                                      | Trailer               |
| Allis-Chalmers Disc                               | Accessory             |
| Pak Flail Mower (orange)                          | Accessory             |
| Alamo Articulate Mower Attachment                 | Accessory             |
| Landpride RCR2596 Rotary Mower                    | Accessory             |
| Unit 30 Big Tex Equipment Trailer /25,900gvwr     | Trailer               |
| Unit 34 2000 Cartaway Tank Trailer /6000gvw       | Trailer               |
| Unit 43 2007 Wells Cargo Trailer Model TW122      | Trailer               |
| Unit 44 1996 Genie Lift TZ-34/20 Knuckleboom      | Trailer               |
| Unit 50 6 Diesel Pump                             | Trailer               |
| Unit 51 12 Diesel Pump                            | Trailer               |
| Unit 68 2015 Utility Trailer                      | Trailer               |
| Unit 71 2017 Utility Landscaping Trailer          | Trailer               |
| Unit 72 2002 Utility Trailer                      | Trailer               |
| Unit 91 2024 Kauffman Equipment Trailer           | Trailer               |
| Spray Rig 03                                      | Trailer               |
| Spray Rig 05                                      | Trailer               |

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**STOCKTON EAST WATER DISTRICT  
INVOICES FOR BOARD PACKAGE  
CALPERS EFT REQUEST  
August 04, 2026**

| Vendor name                                                              | District Fund# | Account # | Description                                         | Amount              | Invoice No.         |
|--------------------------------------------------------------------------|----------------|-----------|-----------------------------------------------------|---------------------|---------------------|
| 1 CA Public Employees Retirement System (CalPERS)                        | 70             | 10-5049-0 | Retirement Contributions for Payroll 07/31/26-Admin | 8,378.89            | 07/31/26 1245106351 |
|                                                                          |                |           | <b>Total Fund 70 Admin</b>                          | <b>\$ 8,378.89</b>  |                     |
| 2 CA Public Employees Retirement System (CalPERS)                        | 71             | 10-5049-0 | Retirement Contributions for Payroll 07/31/26-WS-NM | 7,549.78            | 07/31/26 1245106351 |
| 3 CA Public Employees Retirement System (CalPERS)                        | 71             | 10-5058-0 | Retirement Contributions for Payroll 07/31/26-WS-NH | 2,299.38            | 07/31/26 1245106351 |
|                                                                          |                |           | <b>Total Fund 71 Water Supply</b>                   | <b>\$ 9,849.16</b>  |                     |
| 4 CA Public Employees Retirement System (CalPERS)                        | 94             | 10-5049-0 | Retirement Contributions for Payroll 07/31/26-M&I   | 25,293.60           | 07/31/26 1245106351 |
|                                                                          |                |           | <b>Total Fund 94 Municipal &amp; Industrial</b>     | <b>\$ 25,293.60</b> |                     |
| <b>Grand Total for Electronic Funds Transfer Request on RBM 08/04/26</b> |                |           |                                                     | <b>\$ 43,521.65</b> |                     |

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**DATE: August 4, 2026****AGENDA ITEM NO. D-1**

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**TITLE: Professional Services Agreements for WSEP Environmental Review, Permitting, and Modeling Services****SUBJECT: Consideration of Recommending Approval of Professional Services Agreements with Environmental Science Associates and Stantec Consulting Services, Inc. for CEQA Environmental Review, Regulatory Permitting, and CalSim 3/DSM2 Modeling Services in Support of the Water Supply Enhancement Project**

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**Executive Summary**

Staff is requesting that the Board of Directors (Board) authorize the General Manager to amend the District's engagement with Herum\Crabtree\Suntag (District Counsel) to advance Stockton East Water District's (District or SEWD) Water Supply Enhancement Project (WSEP) and pending Water Right Applications 31534, 30602, 31535, and 13333X01 – 133338X01:

(1) Retain, under District Counsel's direction, Environmental Science Associates (ESA) to prepare the California Environmental Quality Act (CEQA) Environmental Impact Report (EIR) and associated regulatory permit applications, in an amount not to exceed \$1,381,018; and,

(2) Retain, under District Counsel's direction, Stantec Consulting Services Inc. (Stantec) to update CalSim 3 and DSM2 modeling in support of the EIR, in an amount not to exceed \$287,365.

The combined subtotal cost of the two agreements is \$1,668,383, plus a 10% contingency of \$166,838, for a combined total cost of \$1,835,221. Staff recommends the Board authorize the General Manager to amend the District's engagement with District Counsel to add ESA and Stantec as consultants under counsel's direction, for the scopes of work described below.

**Background**

SEWD holds the following pending water right applications with the California State Water Resources Control Board (Water Board): (1) Application A031534 to divert up to 108,300 acre-feet per year (AFY) of unappropriated Calaveras River flows to underground storage within the Eastern San Joaquin Groundwater Basin (Basin), together with up to 36,400 AFY by direct diversion for municipal, industrial, and irrigation uses, and (2) Applications 30602, 31535 and 13333X01 through 133338X01 to divert up to 199,000 AFY of unappropriated Littlejohns and Rock Creeks flows to underground storage within the Basin. Perfection of the applications will be accomplished through implementation of the WSEP, which includes new distribution pipelines and recharge facilities to capture predominantly wet-season flows through in-lieu recharge, on-farm field flooding, direct recharge, and dry wells. The WSEP is estimated to cost approximately \$150 million and, together with the Calaveras River FloodMAR Study completed in cooperation with the California Department of Water Resources, is intended to help address an estimated 56,000 AFY basin-wide recharge deficit needed for groundwater sustainability.

The WSEP will benefit SEWD's constituents and the greater San Joaquin County region in several ways:

- Groundwater sustainability through the banking of surface water supplies to underground storage. The WSEP and Application A031534 will allow up to 108,300 acre-feet of unappropriated Calaveras River flows to be diverted for in-lieu recharge (when surface water is used instead of groundwater – thereby saving the groundwater) or direct recharge for storage in the aquifer.
- Water supply security for domestic wells. Coupled with Sustainable Groundwater Management Act (SGMA) objectives, the WSEP will help improve groundwater supplies and raise groundwater levels for the benefit of customers reliant upon domestic wells, many of whom are located within disadvantaged areas.
- Water reliability for the greater City of Stockton. During drought years, SEWD relies on groundwater supplies to supplement available surface water supplies to the City of Stockton, California Water Service Company, and San Joaquin County. Increases to underground storage ensures availability of groundwater supplies when needed.
- Water banking opportunities with other regional agencies. A portion of the WSEP is designed for a connection to the Mokelumne Aqueduct, allowing Mokelumne River surface water supplies to be banked in the aquifer for a portion to be recovered during drought years.
- Potential reduction of flooding impacts by diverting flood flows from the Calaveras River for recharge. Many of the disadvantaged and underrepresented areas within the City of Stockton rely on flood improvements to protect from flooding.

The revised WSEP scope was presented to the Board on January 9, 2024, and staff received direction to proceed with modifying the water right applications to reflect the revised scope. The revised scope of the WSEP includes construction or repurposing of the following facilities:

- West Linden Pipeline System – in-lieu recharge with Mokelumne Aqueduct water, on-farm recharge, flood managed aquifer recharge (MAR).
- Clements Pipeline – in-lieu recharge, on-farm recharge, FloodMAR.
- Houston Pipeline – in-lieu recharge, on-farm recharge, FloodMAR.
- Demartini Pipeline – in-lieu recharge, on-farm recharge, FloodMAR.
- Mosher Pipeline – pressurized in-lieu recharge, on-farm recharge, FloodMAR.
- Percolation Ponds – FloodMAR.
- Bellota Pipeline – on-farm recharge, FloodMAR.

An Administrative Draft EIR was previously prepared for the WSEP in June 2018 using CalSim II and DSM2 modeling. Since that time, the Proposed Project description has been revised and updated hydrologic modeling tools (CalSim 3) have become the industry standard. To advance the applications, SEWD must complete a certified CEQA document and obtain associated federal and state regulatory permits, supported by updated surface water modeling reflecting the current Proposed Project description.

Legal counsel solicited proposals from ESA to prepare the EIR and regulatory permit applications, building on the 2018 Administrative Draft EIR to the maximum extent practicable, and from Stantec to update the CalSim 3 and DSM2 modeling that will support the EIR's surface water, hydrology, and water quality analyses.

Following a meeting between staff, ESA, and District Counsel, the parties agreed that ESA's and Stantec's work should be retained and directed by District Counsel, rather than contracted directly with SEWD, in order to preserve attorney-client privilege and attorney work-product protections over technical work associated with the District's pending water right applications. Given the history of scrutiny and opposition SEWD's water right applications have received, staff and District Counsel believe this structure is prudent to protect the District's interests should the Application, EIR, or related permits be challenged or protested.

## **Summary**

### ***ESA Scope of Work***

ESA's proposed scope of work includes the following tasks:

- Task 1 - Project Initiation and Background Review, including a kickoff meeting and data request memorandum;
- Task 2 - Preparation of the Draft Project Description;
- Task 3 - AB 52 Tribal Notification and Consultation support;
- Task 4 - Technical Reports, including a Cultural Resources Inventory Report, Hydraulic and Ecohydraulic Study, and Hydrologic and Water Quality Analysis (which relies on Stantec's updated CalSim 3/DSM2 modeling);
- Task 5 - Preparation and circulation of the Notice of Preparation;
- Task 6 - Preparation of the Administrative Draft, Screencheck Draft, and public Draft EIR, addressing all CEQA-required technical resource topics;
- Task 7 - Project management and meetings, including public scoping and Draft EIR meetings; and
- Task 8 - Regulatory permitting support, including preparation of a USACE Section 404 Standard Individual Permit, RWQCB Section 401 Water Quality Certification, CDFW Section 1602 Lake and Streambed Alteration Agreement, and CDFW California Endangered Species Act Incidental Take Permit applications, along with supporting technical studies (e.g., Aquatic Resources Delineation Report, Biological Assessments, and a Compensatory Mitigation Plan).

ESA anticipates the Draft EIR will be completed in approximately 18 months, including a 45-day public review period, with publication anticipated in early 2028, followed by ongoing permitting support.

### *Stantec Scope of Work*

Stantec's proposed scope of work will require approximately 12 months to complete and includes updating the modeling previously prepared for the 2018 Administrative Draft EIR:

- Task 1 - CalSim 3 Model Update, simulating Existing Conditions, Future No Project (with climate change hydrology), Proposed Project on Existing Conditions, and Proposed Project on Future No Project, including a technical memorandum on baseline model assumptions and comparative analysis of results;
- Task 2 - DSM2 Model Update, rerunning Delta simulations using the updated CalSim 3 scenarios and incorporating projected sea-level rise;
- Task 3 - Update Report, revising the modeling appendix (Appendix F) of the EIR and providing updated tables for the Surface Water chapter; and
- Task 4 - Project Management and Coordination.

Both scopes of work are structured to build on the existing 2018 Administrative Draft EIR analysis to the extent practicable, minimizing duplication of effort while ensuring the EIR and supporting modeling reflect the current Proposed Project description and applicable regulatory and scientific standards.

Both ESA and Stantec will perform the scopes of work described above; however, rather than SEWD contracting directly with each consultant, both engagements will be structured as retentions by District Counsel, consistent with SEWD's Purchasing Policy No. 6035, Section E, which permits the General Manager to approve a Scope of Work through means other than the standard proposal/RFP process "in preparation for litigation [or] other situations requiring confidentiality." ESA and Stantec will perform the same scopes of work, deliverables, and schedules described in their respective proposals; the only change is that their agreements will be executed with, and directed by, District Counsel on the District's behalf.

### **Financial Impact**

The combined cost of the ESA and Stantec engagements is \$1,835,221, including a 10% contingency, consisting of \$1,519,120 for ESA and \$316,101 for Stantec, both to be invoiced on a time-and-materials basis. This total incorporates current pricing received after the Municipal Operations Committee meeting and reflects a total cost increase of \$194,321, as compared to the amount recommended by the committee. Because the scopes of work will be performed over approximately 18 months, the engagements are expected to span two fiscal years. Both engagements will be structured as consultant retentions under District Counsel's direction and these costs will be processed through the District's legal services engagement with District Counsel rather than as standalone professional services agreements; however, the costs remain attributable to, and budgeted as, professional/technical services associated with the WSEP and the applications, and will be accounted for accordingly regardless of the contracting structure

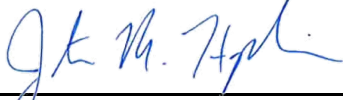
SEWD has budgeted \$750,000 in the current fiscal year for this effort. The remaining balance of approximately \$1,085,221 will need to be budgeted in the Fiscal Year 2027-2028 budget to fully fund both agreements through completion.

### **Recommendation**

Staff recommends that the Board of Directors:

1. Approve a Professional Services Agreement with Environmental Science Associates in an amount not to exceed \$1,381,018 for preparation of the CEQA Environmental Impact Report and associated regulatory permit applications for the Water Supply Enhancement Project;
2. Approve a Professional Services Agreement with Stantec Consulting Services Inc. in an amount not to exceed \$287,365 for CalSim 3 and DSM2 modeling services in support of the Environmental Impact Report; and,
3. Authorize the General Manager to execute both agreements on behalf of the District.

### **Staff Responsible for Report**

  
\_\_\_\_\_  
Justin M. Hopkins, General Manager

Date: 08/04/26

### **Attachments**

1. ESA Proposal
2. Stantec Proposal

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July 27, 2026

Jeannie M. Zolezzi  
Attorney-at-Law  
Herum/Crabtree/Suntag  
5757 Pacific Ave, Suite 222  
Stockton, CA 95207

**Subject:** Proposal for Stockton East Water District, Water Supply Enhancement Project environmental review and permitting services.

Dear Ms. Zolezzi:

ESA is pleased to provide the following scope of work to provide professional services for the Stockton East Water District's (SEWD) proposed Water Supply Enhancement Project (WSEP or Proposed Project). Our proposed scope of work includes preparation of the California Environmental Quality Act (CEQA) environmental clearance document, assumed to be an Environmental Impact Report (EIR), publication and circulation of the draft EIR, review and assessment of comments received on the draft EIR and the relevant environmental permits required to support project implementation. As described in subtask 6.4, based on Preliminary Review of Public Comments and Assessment, the final EIR will be prepared under a separate scope of work and cost estimate.

ESA is proposing to prepare an EIR to satisfy CEQA requirements, for SEWD's proposed WSEP under Water Right Applications A031534 to divert unappropriated water from the Calaveras River, Mormon Slough, and Stockton Diverting Canal and Water Right Applications A30602, A31535 and A13333X01 through A133338X01 to divert unappropriated water from Littlejohns and Rock Creeks stream flows for groundwater recharge of the ESJGB. Specifically, the Proposed Project includes diversion of up to 108,300 acre-feet per year (AFY) of unappropriated water from the Calaveras River, Mormon Slough, and Stockton Diverting Canal and to divert unappropriated water of up to 199,000 AFY from Littlejohns and Rock Creeks located in San Joaquin County, California for recharge of the Eastern San Joaquin Groundwater Basin (ESJGB).

## Project Understanding

ESA understands the purpose of Water Rights Application 31534 would support SEWD's proposed WSEP. The WSEP would divert unappropriated surface water from the Calaveras River and provide groundwater recharge of the ESJGB through percolation. Groundwater recharge would occur through discharge of diverted Calaveras River water onto established recharge basins, percolation through natural stream channels and unlined canals/sloughs, in (flooded) fields and in-lieu delivery of surface water. Water diverted to underground storage in the ESJGB would be stored and extracted in the future for various beneficial uses in SEWD's service area.

Under Water Rights Application 31524, SEWD through implementation of the WSEP proposes to divert water from the Calaveras River for direct use (direct diversion). The proposed diversion season is November 1 to April 30. Water diverted under A031524 would be used for numerous beneficial uses, i.e. municipal, industrial, irrigation, fish and wildlife enhancement, water quality improvements, and saline (brackish) water intrusion barrier. The place of use for the diverted water would be SEWD's service area and other lands within the sphere of influence of the City of Stockton plans totaling 163,989 acres, including 70,000 acres of irrigated agricultural land. We further understand to fully implement the WSEP, that SEWD would divert water under A30602, A31535 and A13333X01 through A133338X01 from Littlejohns and

Rock creeks and similar to water diverted from the Calaveras River would be used for numerous beneficial uses in addition to groundwater recharge facilitated through the Calaveras River FloodMAR Study that would help to address the estimated 56,000 AFY basin-wide deficit needed for groundwater sustainability. The proposed diversion season is September 1 to June 30.

## WSEP and Existing Infrastructure

The proposed WSEP and water diverted under Application 31534 will construct and install new infrastructure to complement existing infrastructure currently utilized by SEWD for diversion and distribution of Calaveras River water to SEWD's retail and wholesale customers in their service area as authorized under SEWD's existing water right License 2021 (A006522) and the U.S. Bureau of Reclamation (Reclamation) Permit 14434 (A018812).

Under License 2021, SEWD currently diverts water from the Calaveras River from January 1 to about June 15 at rates up to 13.75 cubic feet per second (cfs) into the Old Calaveras River at Bellota Weir. Surface water can then be rediverted from the Old Calaveras River for irrigation and domestic use. In addition, Calaveras River water may also be rediverted at Bellota Weir for groundwater storage. Pursuant to this license, up to 11,500 acre-feet per year (AFY) may be absorbed (percolated) into underground storage "throughout the length of these [sic] channel, intensified by the action of check dams at several points thereon."

New Hogan Dam impounds the Calaveras River, under Permit 14434, Calaveras River surface water is diverted at New Hogan Dam and conveyed 16 miles downstream via the river channel to the Bellota Weir, where the Calaveras River bifurcates into Mormon Slough and the Old Calaveras River. Under existing rights, surface water is rediverted through the Bellota Intake Structure, to the Bellota Pipeline and runs approximately 13 miles by gravity to SEWD's Dr. Joe Waidhofer Water Treatment Plant (WTP) in Stockton, CA. Water taken through the Bellota Pipeline can be released into Potter Creek and into SEWD's Peters Pipeline for distribution and re-diversion to agricultural lands. In conjunction with these diversions at the Bellota Weir, surface water is also diverted into the Old Calaveras River via the existing Old Calaveras River Headworks structure. Surface water diverted into the Old Calaveras River can then be re-diverted for irrigation uses, and re-diverted into Mosher Creek thence Bear Creek for re-diversion by SEWD customers. Surface water not diverted to the Bellota Pipeline or Old Calaveras River flows into Mormon Slough thence the Stockton Diverting Canal (SDC) and can then be re-diverted for irrigation by SEWD customers along these waterways. From the Bellota Weir, Mormon Slough flows about 13 miles southwesterly and discharges to the SDC. The SDC then flows about 5 miles northwesterly and converges with the Old Calaveras River to re-form the Calaveras River. From this location, the Calaveras River flows about 5.7 miles westerly to the San Joaquin River. All the existing facilities described above will be used for diversions and/or re-diversions under Application 31534.

In addition, ESA recognizes that as part of the Calaveras River Habitat Conservation Plan (August 2019), it is anticipated that SEWD would construct the Bellota Weir Modifications Project (BWMP) prior to issuance of a water right permit on Application 31534. The BWMP is a continuation of the Calaveras River Anadromous Fish Protection Project and includes reconstruction of the Bellota Weir and fish passage facility, and construction of a new intake/fish screen above the Bellota Weir for diverting water the Old Calaveras River and will also function as an alternative intake into the Bellota Pipeline. SEWD evaluated environmental impacts of the BWMP and adopted a Mitigated Negative Declaration in 2022 (State Clearinghouse #2022090262). In addition, SEWD, through applications 30602, 31535 and 13333X01 through 133338X01 would divert up to 199,000 AFY of unappropriated Littlejohns and Rock Creeks flows for recharge of the ESJGB through cooperation with California Department of Water Resources and implementation of the Calaveras River FloodMAR.

ESA further understands that SEWD, through implementation of the WSEP would use existing and new facilities divert and redivert surface water at various locations along the Calaveras River, Mormon Slough, Stockton Diverting Canal,

North Fork Potter Creek, Potter Creek, Duck Creek, Old Calaveras River, Littlejohns and Rock Creeks, Mosher Creek/Slough, Bear Creek, Bellota Pipeline, and Peters Pipeline, for use within SEWD's service area and vicinity.

## Approach to the Environmental Review

Our approach to preparing the EIR is to use existing information and relevant analyses developed for the 2018 Administrative Draft EIR to the maximum extent practicable. We will review the 2018 Administrative Draft EIR technical sections and will update them as needed to reflect any changes in the existing conditions and regulatory context. In addition, we will review and update the analysis to reflect updated approaches to evaluating impacts and proposed mitigation measures, as needed. In some cases, we anticipate that new analyses will be necessary to properly evaluate potential effects of the Proposed Project on the environment, such as surface water hydrology, groundwater, climate change and air quality. Furthermore, CEQA technical topics added in 2019 will be added and evaluated pursuant to the CEQA Guidelines, i.e. energy, wildfire.

In addition to using information prepared for the 2018 Administrative Draft EIR, ESA will conduct an environmental review based on the current WSEP project description. Our assumption is that most of the existing information provides sufficient level of detail to evaluate most of the potential impacts associated with the following direct diversion components of the Proposed Project at a project level. However, additional technical studies will be needed to complete the environmental review as discussed in Task 4.

- Direct diversion at 300 cfs, not to exceed 36,400 AFY for Municipal, Industrial, and Irrigation use throughout SEWD's service area.
- Conveyance to SEWD's Dr. Joe Waidhofer WTP for treatment and subsequent municipal and industrial uses.
- The exact location and use of potential groundwater recharge has not been determined, we will evaluate the associated impacts programmatically. We will capture the range of potential impacts and identify mitigation measures which can be implemented, as appropriate, once additional details are developed. This programmatic approach also will allow SEWD to prepare more focused subsequent environmental review, if needed. Proposed Project components we propose to evaluate at a programmatic level include: 108,300 AFY diversion to underground storage for groundwater recharge and use as a salinity barrier and repulsion and improving groundwater levels within San Joaquin County.
- SEWD has identified three existing facilities that would be utilized for groundwater recharge: SJCFCa Detention Basin No. 1; SJCFCa Detention Basin No. 2 and several recharge basins co-located at SEWD's Dr. Joe Waidhofer WTP in Stockton, CA.
- SEWD has identified six proposed groundwater recharge projects that would be used for percolation to groundwater storage and provide for in-lieu recharge of groundwater.
- West Linden Pressurized Irrigation and Aquifer Recovery Projects; Clements South/Houston/Demartini Gravity Pipelines; Mosher Pressurized Irrigation Pipeline; Bellota Pipeline Flood-MAR Project; Flood-MAR along Existing Surface Water Farms and West Groundwater Recharge Basin Project.
- Use of existing facilities for direct diversion under Applications A030602, A031535 and 13333X01 through 133338X01 to divert up to 199,000 AFY of unappropriated Littlejohns and Rock Creeks flows for groundwater recharge of the EJSGB.
- According to current project information, ESA assumes the landowners within SEWD and Central San Joaquin Water Conservation District (CSJWCD) service areas overlying these groundwater basins will put the stored groundwater described above to beneficial use per the water rights petition map.

Based on our Project Understanding and our approach to the analysis, ESA has prepared the following scope of work. Our scope of work, tasks and subtasks are discussed in detail below.

## Scope of Work

### Task 1: Project Initiation and Background Review

Key ESA team members will attend an in-person kickoff meeting with SEWD staff, legal representation and other project team members prior to commencing work on the environmental document. Subjects for review and discussion will include but not be limited to: (1) confirmation of the project components and appropriate baseline; (2) identification of project data, information sources, and key contacts; (3) discussion of key issues known to be of concern to agencies, interest groups, and the public and (4) confirmation of the scope of work, level of analysis, budget, schedule, and communication protocols. To gain a better understanding of the Proposed Project, key ESA staff, including the project director and project manager, along with the project team will tour the project area and key facilities to review existing conditions and identify any issues not readily identifiable via aerial views. The site visit can occur as part of the kick-off meeting.

As part of this task, ESA's project manager and key technical staff and EIR section writers will review existing documentation, i.e., 2018 Administrative Draft EIR, protest letters, technical reports, and studies and provide a summary of data needs that will be used to prepare a request for information memorandum.

#### ***Task 1 Deliverables:***

- Kick off meeting agenda, and supporting materials
- Request for Information and data request memorandum
- Revised scope of work, budget and schedule, if needed

### Task 2: Draft Project Description

ESA will collaborate closely with SEWD and its legal team to develop the draft CEQA project description based on existing information and supplemental information identified under Task 1. The project description will provide the level of detail required by CEQA Guidelines, sufficient for agencies and the public to understand the Proposed Project and provide comments on the scope and content of the EIR as discussed in Task 5. The draft project description will include: (1) project location; (2) project objectives; (3) description of the Proposed Project, facilities and components; (4) agency use of the EIR, and (5) anticipated regulatory requirements and approvals. The draft project description will be provided to SEWD and its legal team for review and comment. Based on one round of consolidated comments, ESA will revise the project description and prepare a final project description for incorporation into the Notice of Preparation (NOP) (Task 4) and the Draft EIR (Task 5).

#### ***Task 2 Deliverables:***

- Draft and final project description

### Task 3: AB 52 Tribal Notification and Consultation

Consultation with Native American representatives, as required under California Public Resources Code Sections 21074(a)/21080.3.1 (AB 52) will be conducted by SEWD (the CEQA lead agency). Prior to publication of the NOP (Task 4), ESA will contact the California Native American Heritage Commission (NAHC) to request a search of their Sacred Lands File for the project area and a list of contacts for California Native American Tribes who may have an interest in the Proposed Project. ESA will draft project AB 52 notification letters for SEWD to send to those Tribes that have previously requested from SEWD to be notified of any projects, pursuant to AB 52. The description of the Proposed Project will be consistent with the NOP and will clearly describe the project area and the nature of potential activities. ESA assumes

SEWD will send the notification letters and provide ESA with any responses so that ESA can maintain a record of all Tribal correspondence. ESA can provide additional AB 52 and general Tribal consultation support under an amended budget, if needed.

#### ***Task 3 Deliverables:***

- Draft and final AB 52 Project notification letters

### **Task 4: Technical Reports**

In addition to the 2018 Administrative Draft EIR, existing studies and reports, this Administrative Draft EIR will also rely on focused technical reports to support the environmental review, and as such, ESA will complete the following technical studies and reports described in Subtasks 4.1 through 4.3.

#### **Subtask 4.1: Cultural Resources Inventory Report**

**Cultural Resources Inventory Report.** ESA will prepare a Cultural Resources Inventory Report (CRIR) to document and evaluate archaeological and architectural / structural resources in the project area in accordance with CEQA requirements. Research will include a records search at the Central California Information Center of the California Historical Resources Information System, communication with the Native American Heritage Commission, and a geoarchaeological analysis. The CRIR will be compliant with CEQA and Section 106 of the National Historic Preservation Act.

ESA will conduct a pedestrian survey of the Proposed Project facilities and associated appurtenances, i.e. pump stations, pipelines. ESA anticipates that the Proposed Project will not adversely affect any districts, sites, highways, structures, or objects listed in or eligible for listing in the State or National Register of Historic Places. The results of the investigation will be described in the CRIR, along with recommendations for additional actions to avoid or reduce impacts on cultural resources, as necessary. The CRIR will be suitable for submittal to the USACE to support Proposed Project permitting. The draft CRIR will be submitted to SEWD and the legal team for review and comment.

#### ***Task 4.1 Deliverables:***

- Draft and final Cultural Resources Inventory Report

Assumptions: ESA will prepare the Draft Cultural Resources Inventory Report and then based on one round of comments prepare the Final Cultural Resources Inventory Report. The Final Cultural Resources Inventory Report will be used to support the EIR analysis.

#### **Subtask 4.2: Hydraulic and Ecohydraulic Study**

The following scope of work is to provide technical analysis to assess potential hydrologic, hydraulic, and geomorphic effects of the Proposed Project on environmental resources within the local stream systems and assess the potential effects of the Proposed Project on regional water supplies and system operations within the study area. ESA understands an Administrative Draft EIR (2018) was prepared for SEWD by Stephens Consulting and Kleinfelder, Inc for the WSEP project. The previous WSEP project was similar but was generally broader in scope, larger diversions than the current Proposed Project. The 2018 Administrative Draft EIR included hydrologic and hydraulic modeling and several technical analyses to assess impacts on aquatic resources, surface water resources, and groundwater resources. Several other studies, hydrologic or hydraulic models, and datasets are available that are useful to assess impacts of the Proposed Project on environmental resources.

It is ESA's understanding that modeling and supporting technical analyses will need to be updated to reflect the current Proposed Project. This scope of work assumes these updated models and technical analyses will be completed by other

consultants under separate contracts with SEWD and made available to ESA. Modeling and technical analyses assumed to be updated include but may not be limited to the following:

- Updated modeling analysis using current versions of CalSim and DSM2 (presumably Stantec).
- Updated water availability analysis (presumably Wagner & Bonsignore).

It is ESA's understanding that the Proposed Project diversions have the potential to temporarily increase flows in certain surface waters and reduce flow in other surface waters. Such changes could result in impacts due to flooding, impact aquatic biological resources, and impact geomorphic processes. ESA will complete a Hydraulic and Ecohydraulic Study for the Proposed Project to characterize potential impacts; this study will be used to support CEQA analysis. The Hydraulic and Ecohydraulic Study will leverage relevant information from the 2018 Administrative Draft EIR, its appendices and other available studies, hydrologic or hydraulic models, and datasets identified during the completed as part of Task 1. No new or additional hydrologic or hydraulic modeling is currently envisioned to be required as part of the Hydraulic and Ecohydraulic Study.

The Hydraulic and Ecohydraulic Study will use outputs from the Proposed Project's updated water availability analysis to generate time series of pre-diversion (i.e., existing baseline) and post-diversion (i.e., with-project) flows. These flows will be used in combination with existing information on flood capacity, passage impediments to migrating adult and juvenile salmonids and minimum bypass flows for salmonid passage, existing wetted useable area (WUA) curves, and best available science on flows associated with landform maintenance to address the potential impact to topics listed above. The analysis will require the development of simple operational criteria to reasonably partition diversions between surface waters for analysis purposes. ESA will develop and present a preliminary approach for diversion partitioning to be finalized in collaboration with SEWD and the project team.

The Hydraulic and Ecohydraulic Study can be used to support applications for permits for approval required for implementation of the Proposed Project (e.g., Sections 404 and 401 of the Clean Water Act and CDFW Lake and Streambed Alteration Agreement), which are not included in this task.

#### ***Subtask 4.2 Deliverables:***

- One Draft and Final Technical Memorandum describing the analytical approach for diversion partitioning.
- One Draft and Final Hydraulic and Ecohydraulic Study Report.

Assumptions: ESA will prepare the Draft Hydraulic and Ecohydraulic Study Report and then based on one round of comments prepare the Final Hydraulic and Ecohydraulic Study. The Final Hydraulic and Ecohydraulic Study will be used to support the EIR analysis.

#### **Subtask 4.3: Hydrologic and Water Quality Analysis**

ESA will support comparative evaluation of potential hydrologic, hydrodynamic, and water quality effects resulting from the Proposed Project on the aquatic species and surface water resources of the Sacramento-San Joaquin River Delta (Delta). We understand that updated modeling analysis using current versions of CalSim and DSM2 will be completed by others and will be made available to ESA. It has been our experience that documentation and delivery of results from such modeling comes in the form of raw output files (e.g., DSS or CSV), processed tabular results files (e.g., Excel), and technical reports. It is typical that CEQA impact assessment requires additional analysis of model results beyond standard reporting. Support under this task will include:

- Coordination with SEWD and the modeling team on modeling approach and reporting (e.g., project representation, model scenarios to run [e.g., demands, hydrologic conditions, etc.], and metrics/output locations to report).
- Additional analysis and presentation of model results to support preparation of the EIR.

This subtask includes no separate deliverable. The hydrologic and water quality analysis from additional analysis conducted under this subtask will either be directly incorporated into CEQA resource chapters or will be used to update model technical reports to be completed by others.

## Task 5: Prepare and Circulate Notice of Preparation

ESA will prepare the NOP consistent with CEQA Guidelines section 15082. In addition to providing a brief project description, location and key components of the Proposed Project, the NOP will identify the technical resource topics anticipated to be evaluated in the EIR and an explanation summarizing the changes to Proposed Project since the previously released NOP. Based on one round of SEWD comments, ESA will revise the draft NOP and will prepare the NOP for public circulation.

ESA will also prepare the Notice of Completion (NOC) and assist SEWD with uploading the documents to the State Clearinghouse's CEQASubmit portal to initiate the 30-day public and agency scoping period. It is assumed SEWD will be responsible for posting the CEQA notices with the newspaper and County Clerk's office and will electronically distribute the NOP to interested parties and responsible agencies. ESA will provide a web-ready version of the NOP for SEWD to post on its website. ESA assumes SEWD will be responsible for paying all CEQA Noticing fees.

### *Task 5 Deliverables:*

- Draft and Final Notice of Preparation
- Notices for publication
- Notice of Completion

## Task 6: Prepare Draft EIR

ESA will prepare a Draft EIR in accordance with Public Resources Code sections 21000-21177, and the CEQA Guidelines. The environmental analysis will use relevant and applicable information from the 2018 Administrative Draft EIR, and additional information, studies gathered and reviewed as part of Task 1. ESA's approach to the environmental analysis will to the extent practical information in the 2018 Administrative Draft EIR to assess at a project-level, potential direct physical changes to the environment associated with direct diversion at key locations as described in the project description and a program level review of the intended use of surface water as described in the project description.

Following public review and circulation of the NOP, ESA will review scoping comments received with SEWD to confirm the technical resource topics to be evaluated in the EIR and the scope of the analysis. ESA will provide a scope of work for any additional analysis, if needed.

The subtasks for preparing the Draft EIR are presented below.

### Subtask 6.1: Administrative Draft EIR

ESA will prepare an Administrative Draft EIR that will include the following:

**Executive Summary.** The Executive Summary will summarize: the project's objectives; project description; discussion of alternatives considered and environmentally superior alternative; key findings; and areas of controversy as relevant. This chapter will also include a table summarizing the impacts and associated mitigation measures along with the level of significance both before and after mitigation.

**Introduction.** The introduction chapter will contain an overview of the project background; describe the environmental review and approval process; scope of the analysis; and organization of the EIR.

**Project Description.** Based on the project description developed in Task 2 as expanded for the Draft EIR analysis, this chapter will describe the location and components of the Proposed Project. Given the nature of the Proposed Project, it is recommended that a summary of the background on the water rights, including response to petitioners.

**Environmental Analysis.** This chapter of the EIR will include individual sections for the environmental resource areas identified to be evaluated in the NOP prepared in Task 4. An introduction to the analysis will be included that describes the approach to the analysis and a summary of the resource topics not being fully evaluated, if any, and describe why they are focused out. The analysis will include direct, indirect and cumulative impacts associated with implementation of the Proposed Project.

Each section will include the following:

***Environmental and Regulatory Setting.*** The setting discussion will provide sufficient background information to characterize existing environmental conditions associated with the project area to provide context for the impact analysis. The setting will also include a discussion of relevant regulatory conditions that shape the assumptions and the policy environment for implementation of the Proposed Project.

***Significance Criteria.*** The thresholds of significance will be based on Appendix G of the CEQA Guidelines and will be used to determine the significance of identified impacts.

***Impacts and Mitigation Measures.*** The impacts and mitigation measures section will include the analysis of impacts associated with implementation of the Proposed Project. Findings of significance will be made based on thresholds of significance identified above. The impact discussions will provide information necessary to support the findings. For all identified significant impacts, ESA will develop feasible mitigation measures to reduce the magnitude of the impact. The mitigation measures will identify the action, responsible party and timing of implementation to facilitate development of the Mitigation Monitoring and Reporting Program (MMRP). Discussion will also be provided describing the effectiveness of proposed mitigation measures. The impact analysis will assume compliance with relevant existing laws (including ordinances) when making a finding of significance.

**Alternatives Analysis.** An EIR must include an analysis of a reasonable range of potentially feasible alternatives to the Proposed Project that would achieve most of the goals of the project but could avoid or substantially lessen the magnitude of one or more of the project's significant impacts (see CEQA Guidelines Section 15126.6(a)). The Alternatives chapter will reiterate the objectives of the Proposed Project and briefly describe each alternative. The impacts of each alternative will be quantified where necessary but otherwise discussed quantitatively. Potential alternatives will be presented for discussion with SEWD staff. For purposes of this scope, consistent with the 2018 Administrative Draft EIR, ESA anticipates analyzing up to three (3) alternatives including a no project alternative, a reduced diversion and redesign of key facilities alternative, and MAR-90/20, based on the San Joaquin Basin Flood-MAR Watershed Studies, Calaveras Watershed Study Area Report, December 2025. We will also describe alternatives that were considered but rejected for full analysis. A reasonable range of alternatives (in addition to the no project) will be determined, with SEWD, during the project kickoff meeting and can be finalized following initial review of potential impacts. If more than three (3) alternatives are chosen, it is anticipated that additional professional time will be required to complete the Alternatives Analysis, as such, ESA will inform SEWD of the anticipated level of effort required, and additional time will be billed on a time and materials, not to exceed basis.

**Other CEQA Considerations.** In addition to the sections described above, ESA will prepare all other statutory required sections (summary of cumulative impacts, summary of significant unavoidable impacts, and significant irreversible changes).

***Growth-Inducing Impacts.*** The growth-inducing analysis will include an evaluation of the Proposed Project's direct or indirect growth inducement potential based on putting the water to beneficial use in the Place of Use.

**Cumulative Impacts.** The cumulative impact analysis will include: a description of the cumulative context; cumulative projects considered; and an evaluation of the Proposed Project's contribution to identified cumulative impacts. Mitigation measures will be incorporated by reference, as necessary.

**Summary of Significant and Unavoidable Impacts.** This section will present a summary of any significant and unavoidable impacts identified for the Proposed Project in the individual environmental resource area sections.

**Significant and Irreversible Environmental Changes.** Consistent with CEQA Guidelines section 15126.2(c), this section will provide an evaluation of the significant and irreversible changes to the environment that could result with Proposed Project implementation.

## Administrative Draft EIR Technical Sections

Consistent with the CEQA Guidelines, the Administrative Draft EIR will fully evaluate the technical resource areas presented below.

|                                         |                                                  |                                 |
|-----------------------------------------|--------------------------------------------------|---------------------------------|
| Aesthetics                              | Agricultural/Forestry Resources                  | Air Quality                     |
| Biological Resources                    | Cultural Resources and Tribal Cultural Resources | Energy                          |
| Geology/Soils/Paleontological Resources | Greenhouse Gas Emissions                         | Hazards and Hazardous Materials |
| Hydrology and Water Quality             | Land Use and Planning                            | Mineral Resources               |
| Noise                                   | Population and Housing                           | Public Services                 |
| Recreation                              | Transportation                                   | Utilities and Service Systems   |
| Wildfire                                |                                                  |                                 |

Descriptions of key environmental resources are described in the following technical discussions.

### AIR QUALITY AND GREENHOUSE GAS EMISSIONS

The Guide for Assessing and Mitigating Air Quality Impacts (GAMAQI) (SJVAPCD, 2015) is an advisory document prepared by SJVAPCD which offers Lead Agencies, consultants, and Project applicants with uniform procedures for addressing air quality in environmental documents. The GAMAQI defines certain thresholds of significance for assessing air quality impacts associated with Project operations:

- *Ozone precursor emissions* - Project operations would generate 10 or more tons per year of either ROG or NOx; and
- *Particulate matter emissions* - Project operations would cause "visible dust emissions" and thereby violate SJVAPCD Regulation VIII or would generate 15 or more tons of particulates per year.

The GAMAQI quantitative thresholds for construction emissions are the same as for operational emissions, but each are evaluated separately on a calendar-year basis. For construction emissions, the annual emissions are evaluated on a rolling 12-month period. ESA will use the GAMAQI to estimate construction emissions, including consideration of on-site and on-road (off-site) mobile source emissions, and evaluated the results against the thresholds of significance. In addition, compliance with SJVAPCD Regulation VIII and District Rule 9510 (i.e., Indirect Source Rule) were considered to reduce fugitive dust and construction exhaust emissions, respectively. Therefore, the updated impact analysis will use the methodologies defined in GAMAQI, as amended or revised. ESA will use updated methodology as appropriate. The SJVAPCD utilizes a screening tool, Small Project Analysis Level (SPAL), to assess the significance of the impact of criteria pollutant emissions from a given project. As analyzed in the 2018 Administrative Draft EIR, the Proposed Project and its various components did not meet SPAL. Furthermore, ESA assumes the updated air quality analysis will be consistent with the 2018 Administrative Draft EIR, as currently proposed, the Project is would not generate a substantial volume of traffic, as such, a Full Analysis Level would not be necessary.

With regard to air quality and greenhouse gas, both construction activities and operation of the Proposed Project would result in air pollutant emissions. Therefore, ESA will analyze construction-generated dust, criteria air pollutant emissions, and emissions of toxic air contaminants from heavy construction equipment, as well as operational effects, including those from transportation emissions and building operations for the Proposed Project. ESA staff will calculate both construction and operational emissions using the CalEEMod air quality model (version 2022.1.1) and will separately calculate emissions from stationary sources.

GHG emissions would result directly and indirectly from constructing and operating the WSEP. Potential sources of direct GHG emissions would include employee travel and the operation of heavy and light construction and maintenance equipment powered by internal combustion engines. Indirect GHG emissions would result from the use of electrical energy to construct and operate the WSEP.

The WSEP is a utility infrastructure project, rather than a development project. Utility infrastructure projects tend to be more linear in character, and do not affect a wide land area. ESA recognizes that computer models typically used to calculate GHG emissions for development projects are not the most appropriate for WSEP. Therefore, consistent with the 2018 Administrative Draft EIR Road Construction Emissions Model, developed by the Sacramento Metropolitan Air Quality Management District, to calculate emissions associated with the construction of some major WSEP facilities. In doing so, ESA will include a brief description of global climate change and GHGs contributing to it and summarize key regulatory measures applicable to the project at the federal, state, and local levels. GHG emissions from project construction will be addressed qualitatively, as the San Joaquin Valley Air Pollution Control District's Environmental Review Guidelines (2000) do not provide a numeric threshold for GHG emissions from construction. ESA understands that City of Stockton has a Climate Action Plan (CAP) adopted in 2014 that is currently being updated. ESA will work with SEWD to identify a project-specific GHG threshold for operational emissions to show consistency with the state's interim and long-term GHG reduction targets and evaluate impacts. The impact analysis of the EIR will also evaluate the project's consistency with other applicable plans and policies adopted for the purpose of reducing GHG emissions such as California Air Resources Board's 2022 Scoping Plan, the San Joaquin Valley Air Pollution Control District's Climate Change Action Plan (2009), the City of Stockton Climate Action Plan, General Plan and any ordinances.

#### **AQUATIC BIOLOGICAL RESOURCES**

At this time, we assume that existing fisheries studies and reports pertaining to aquatics will be sufficient to prepare the Aquatic Biological Resources section of the Draft EIR and a new Fisheries Technical Report will not be required. If, during our review of background information (Task 1) additional information is necessary, our PM will immediately communicate this information to SEWD and discuss how we can move forward while additional information is needed.

Consistent with the 2018 Administrative Draft EIR, the Proposed Project has the potential to impact special-status fish species, including Chinook salmon and steelhead, through construction-related impacts and changes in Calaveras River flows. Based on ESA's experience with other similar projects, the key biological issues associated with project construction include aquatic habitat disturbance and in-water impacts (e.g., water quality, underwater sound and vibration, dewatering) and potential for fish entrainment, fish impingement, and downstream effects on fish habitat and survival.

ESA fish biologists and aquatic ecologists will analyze potential impacts from the Proposed Project based on existing fisheries studies and reports pertaining to aquatics. A desktop review of publicly available information will be sufficient to prepare the Aquatic Biological Resources section, which is intended to provide detailed data on ecohydrology, aquatic habitat, and fish communities downstream of the spillway. ESA biologists will also review current special-status species lists from California Department of Fish and Wildlife (CDFW), U.S. Fish and Wildlife Service (USFWS), and National Marine Fisheries Service (NMFS). The Aquatic Biological Resources section of the EIR will rely on existing information from the 2018 ADEIR and updated information in support of the regulatory permits described in additional detail below (see Task

7). This includes analysis of flow-habitat relationships for different life stages of special-status species, including passage, spawning, and rearing for anadromous fish. The fisheries analysis will use the results of the hydraulic, hydrologic, and system-wide water supply (i.e., CALSIM III) modeling to be prepared by Stantec. If additional modeling is determined to be necessary to complete the Aquatic Biological Resources section, flow-dependent habitat availability (i.e., PHABSIM) modeling and water temperature (i.e., HEC-5Q) modeling will be conducted by ESA to analyze potential impacts to different life stages of special-status species at and downstream of the Proposed Project. An important aspect of our approach will be to clearly articulate the baseline conditions against which the Proposed Project will be evaluated. The analysis of aquatic biological resources impacts will address direct, indirect, and cumulative impacts to special-status species and sensitive habitats potentially affected by the proposed project. If significant impacts are identified, appropriate mitigation measures will be described.

### **TERRESTRIAL BIOLOGICAL RESOURCES**

ESA will review the U.S. Fish and Wildlife Service (USFWS), California Native Plant Society (CNPS) and California Department of Fish and Wildlife (CDFW) databases, aerial photos, and existing biological reports, including the biological resources report prepared for the previous administrative draft EIR. ESA will develop an updated list of special-status species that have been recorded or have potential to occur in the area. Following the preliminary data review, ESA assumes reconnaissance surveys will be necessary to determine which terrestrial biological resources are present within or adjacent to the Proposed Project facilities. The surveys will be conducted by a biologist qualified to evaluate the presence of wetlands, riparian corridors, or other sensitive communities; and presence for rare plants and wildlife species.

To complete this section ESA will use existing information from the 2018 Administrative Draft EIR and updated information pursuant to State and federal wildlife species lists. ESA will analyze potential impacts to terrestrial biological resources associated with construction and operation of the Proposed Project. Consistent with the 2018 Administrative Draft EIR, Proposed Project construction will be defined to encompass the construction of permanent WSEP features including the proposed creek diversions, dams, pump stations, canals, pipelines, and shallow and deep recharge basins, as well as the creek diversion structures associated with these basins.

ESA will use the information described above along with supporting technical reports to prepare the Terrestrial Biological Resources section including a summary of existing conditions based on the information gathered in Task 1; a summary and evaluation of federal, State, and local policies and regulations as they pertain to biological resources; and an analysis of direct, indirect and cumulative impacts to these resources for implementation of the project and identified alternatives.

### **CULTURAL AND TRIBAL CULTURAL RESOURCES**

To determine the sensitivity for archaeological resources and tribal cultural resources in the project area, ESA will incorporate information from the 2018 Administrative Draft EIR and the CRIR (Task 4.1). This information will be used to characterize potential impacts to archaeological resources and tribal cultural resources in the EIR. These sections will discuss potential impacts associated with implementation of the WSEP on cultural resources, and the presence of documented or otherwise identified cultural resources. The section will include a summary and evaluation of federal, State, and local policies and regulations as they pertain to Cultural resources and an analysis of direct, indirect and cumulative impacts to these resources. The results of AB 52 Tribal notification and Consultation (Task 3) will be summarized in the Tribal Cultural Resources section and appropriate mitigation will be provided, as feasible.

### **ENERGY**

The CEQA Appendix G Guidelines recommend whether construction or operation of a project has the potential to result in wasteful, inefficient, or unnecessary consumption of energy resources and whether they conflict with or obstruct a

state or local plan for renewable energy or energy efficiency. Energy consumption (electricity, natural gas, and petroleum fuel) during construction and operation of the project will be quantified and evaluated in the context of regional energy use. As applicable, energy conservation features such as delivering water by gravity or installation of energy efficient equipment will be considered as part of the analysis. ESA will evaluate whether the project would obstruct a state or local plan for renewable energy or energy efficiency such as the 2022 Building Energy Efficiency Standards, the California Green Building Standards code (CALGreen), the City of Stockton and San Joaquin general plan policies and local ordinances related to energy conservation.

## **HAZARDS AND HAZARDOUS MATERIALS**

ESA will qualitatively assess potential hazards and hazardous materials impacts that may result from implementation of the Proposed Project. Areas of potential concern in this analysis include transportation hazards associated with railroad and airport operations, high-voltage power lines, and environmental contamination by hazardous materials and wastes. Information about hazardous materials sites will be based on a review of the California Environmental Protection Agency's Cortese List Data Resources. The section will also describe the chemicals that will be used during construction and maintenance; potential impacts from the transport, use, storage and disposal of chemicals and hazardous materials to and from the Proposed Project facilities; and potential for accidental releases of chemicals and hazardous materials.

## **RECREATION**

Consistent with the CEQA Guidelines, ESA will analyze potential impacts to existing land-based recreational facilities or as result of the Proposed Project cause the need for new recreational facilities. ESA assumes on-water recreational activities are primarily centered around New Hogan Lake fishing and boating with some on-water recreation on the Calaveras River below New Hogan Dam downstream to Jenny Lind and beyond. Pursuant to the CEQA Guidelines, ESA will prepare a qualitative assessment of potential impacts to access to and use of recreational facilities in the project area as a result of implementation of the Proposed Project. The CEQA Guidelines do not include significance thresholds for on-water recreation and potential impacts to whitewater boaters, however, based on our experience with other water rights projects, we recommend describing the whitewater boating uses and whether implementation of the Proposed Project could adversely affect the whitewater boating experience on the Calaveras River and how, if any, the Proposed Project could minimize the effects on whitewater boaters.

## **SURFACE WATER HYDROLOGY AND QUALITY**

ESA will use the findings from the modeling and technical studies prepared by the project team (Task 4.2) and others, such as the hydrology and hydraulic and water quality reports to assess potential impacts on hydrology and water quality. Based on the hydrologic modeling results this section describes the corresponding changes in water supply that could result from implementation of the Proposed Project. Specifically, the surface water hydrology section will evaluate changes in flows resulting from operation of the Proposed Project under specific water year types, i.e. dry, multiple dry years and over extended drought periods. It also evaluates changes in surface water inflows to the Delta, and the effects these flow changes may have on selected Delta water users. The water quality section will evaluate changes in water quality resulting from operation of the Proposed Project under various water year types. It also evaluates changes in Delta water quality (mainly salinity) resulting from changes in inflows to the Delta. Moreover, this section will analyze the effects of the Proposed Project on existing drainage patterns and rates of surface water runoff, flooding and sustainable groundwater management in the basin. To complete this section, we will analyze the potential effects on water quality related to stormwater management during construction activities.

## **GROUNDWATER AND WATER SUPPLY EFFECTS**

This section of the Draft EIR will describe potential changes to groundwater, water supply and delivery that could result from implementation of the Proposed Project. The discussion will provide a summary overview of the relevant water supply systems in the Project Area, including the existing water supply systems serving municipal, industrial and

agricultural areas. While this analysis goes beyond the requirements of CEQA, ESA recommends including this analysis to illustrate to the public and interested stakeholders the potential effects of the Proposed Project on groundwater and water supplies associated with implementation of the Proposed Project. The analysis of water supply impacts in this section will focus on the diversion-related effects of the Proposed Project on groundwater, water supply systems, as measured by changes in storage, timing or rate of river flows, or in turn, could reduce water supply deliveries for municipal, industrial, agricultural uses and groundwater recharge areas.

### **Subtask 6.2: Screencheck Draft EIR**

Following receipt of comments from SEWD on the Administrative Draft EIR, ESA will schedule a meeting to discuss comments and resolve the approach to revisions. Following that meeting, ESA will revise the Administrative Draft EIR and prepare a Screencheck Draft EIR for final review and approval prior to publication of the Draft EIR. It is assumed that any edits provided will be editorial and will not result in any major revisions or new technical analysis.

*Assumptions:* For budgeting purposes, we assume a second administrative draft EIR will not be necessary and all edits, revisions and updates will be presented in the Screencheck Draft EIR as described in Subtask 6.2. However, if requested, ESA can prepare and submit a separate scope of work and cost estimate to prepare Administrative Draft EIR 2.

### **Subtask 6.3: Public Draft EIR**

Based on any corrections or revisions to the Screencheck Draft EIR, ESA will prepare the backcheck Draft EIR for final review and comment. We assume that any edits provided will be editorial and will not result in any major revisions or new technical analysis. ESA will prepare the Notice of Availability (NOA) and NOC. ESA will assist SEWD with uploading the documents to the State Clearinghouse's CEQAnet web Portal to initiate the 45-day public and agency review period. ESA will draft the notice for publication in the local newspaper and with the County Clerk's office. ESA will provide a web-ready version of the EIR and NOA for SEWD to post on its website. It is assumed SEWD will be responsible for posting the notices with the newspaper and County Clerk's office and will electronically distribute the NOA to interested parties and responsible agencies. We assume payment of associated CEQA notices filing fees will be borne by the SEWD.

At the time the EIR is published, ESA will convey the administrative record to SEWD via a file transfer program. ESA will update the administrative record during the response to comments/Final EIR preparation, if needed.

### **Subtask 6.4: Preliminary Review of Public Comments and Assessment**

Upon receipt of public comments on the Draft EIR, ESA will complete a preliminary review and summary of comments received. ESA will compile an initial public comment summary document and provide it to the Project team. For budgeting purposes, we assume 50 public comment letters and up to 124 hours of professional time to complete this task. Based on the assessment ESA and the Project team will identify the level of effort needed to complete the Final EIR. Based on preliminary review and initial public comment summary document, ESA will prepare a scope of work and cost estimate for preparation of the Final EIR. ESA will coordinate with SEWD, its legal counsel, and technical teams to determine if modeling as well as the analysis contained in the Draft EIR needs to be updated in conjunction with preparation of the Final EIR. The level of effort to prepare the Final EIR is unknown at this time, and as such, preparation of the Final EIR will be completed under a separate contract amendment.

#### ***Task 6 Deliverables:***

- Administrative Draft EIR
- Screencheck Draft EIR and backcheck Draft EIR
- Draft EIR (electronic version; web-ready version)
- Administrative Record files

- Draft and final NOA
- Draft and final NOC
- Preliminary Review of Public Comments and Assessment

## Task 7: Project Management and Meetings

### Subtask 7.1: Project Management

ESA's Project management team will direct scope, schedule and budget performance during the execution of this task order. We will maintain regular communication with SEWD as well as other contractors, consultants, and the legal team as appropriate. ESA's Project Manager, Dave Beauchamp will be responsible for adherence to the schedule, budget management and quality control of the Draft EIR. Dave will manage the preparation of the Draft EIR, address specific issue items and with assistance from ESA's deputy project manager will handle the day-to-day administration of the project. Our Project Director, Cathy McEfee will have senior review responsibilities with an emphasis on Quality Control and Quality Assurance (QA/QC) of all documents during the environmental review process. For budgeting purposes, we assume 16 hours per month for ESA's Project Management team over the 18-month project period.

ESA will prepare monthly progress reports to be submitted with invoices that will summarize work done during that invoice period, contract summary, and budget and/or schedule concerns or issues to be addressed and resolved.

#### ***Subtask 7.1 Deliverables:***

- Monthly progress reports and invoices
- Project schedule update

### Subtask 7.2: Project Delivery Team Meetings

Project meetings will be an integral part of project success, to communicate the status of the preparation of the Draft EIR, and to quickly resolve any issues of concern that might arise. Key members of ESA's Project Management team will attend and participate in Project check-in meetings and calls, as needed. ESA Project Management staff will also participate, as needed, in specific Project Team strategy meetings. Under this task, ESA assumes the following:

- Ongoing virtual coordination calls (30 minutes each) – based on 1 per month for 18 months (18 meetings).
- Up to 18 virtual Project team meetings for 18 months, 2 hours each per ESA staff, for meeting preparation and input into the agenda and meeting notes, if necessary.
- Up to 3 in-person half-day Project team meetings, 6 hours each per ESA staff for meeting preparation, input into the agenda and travel time.

#### ***Subtask 7.2 Deliverables and Meetings:***

- Input into the agendas and meeting minutes, if necessary.
- Review and comment on meeting summaries, specific action items

### Subtask 7.3: CEQA Meetings

ESA's Project Manager and if necessary, key technical resources experts will attend two public meetings during the CEQA process: (1) a public scoping meeting; and (2) a public meeting during public review of the Draft EIR. ESA will work with SEWD to prepare meeting materials, i.e. agenda, Power point presentation slides. ESA assumes SEWD will be responsible for meeting location and logistics and court reporter or similar, if needed. Each meeting is assumed to be 8 hours, inclusive of preparation time.

### ***Subtask 7.3 Deliverables:***

- Power point slides for public meetings

## **Task 8: Regulatory Permitting**

From experience, ESA expects the Proposed Project will require pre-application regulatory support, regulatory permit applications, including supporting technical studies, and post-application regulatory support. Prior to submitting the regulatory applications and after completion of the Project Description in Task 2, ESA will engage the regulatory agencies together with SEWD in a pre-application Interagency Meeting to present the Proposed Project and obtain agency feedback on the design and identify any potential regulatory challenges. The regulatory permit applications and scoped supporting technical studies will utilize the existing information in the 2018 Administrative Draft EIR and CEQA addendum, as applicable. ESA's application packages will be comprehensive, and pre-application efforts are intended to address and resolve many potential questions and issues from the regulatory agency staff, but ESA cannot guarantee agency approval within a specific timeframe or level of effort and anticipates regulatory agency support and coordination efforts will be needed after the applications are submitted.

### **Subtask 8.1: Pre-Application Regulatory Support**

ESA anticipates at least two meetings and presentations with the regulatory agencies prior to submitting the applications, building on previous agency feedback and comments provided in prior meetings, to expedite agency review once the permit applications are submitted. To make the pre-application meetings most efficient and to provide a reasonable level of certainty in expected regulatory outcomes with the Proposed Project, we recommend synchronizing these meetings with key milestones throughout the Proposed Project's development.

ESA also anticipates compensatory mitigation will be required for the Project's impacts to aquatic resources and State and federal listed species. This task includes a Compensatory Mitigation Identification and Strategy Memorandum to identify potential compensatory mitigation sites in the pre-application permitting phase. Similarly, this task also includes a Permitting Strategy Memorandum to identify the key regulatory issues and integrates the feedback obtained during the pre-application Interagency Meetings into an actionable permitting strategy that outlines the most efficient pathway towards obtaining the required permits and authorizations expeditiously, and while minimizing aquatic resources mitigation and species mitigation.

### **Subtask 8.2: Regulatory Permit Applications**

ESA anticipates the following permits and approvals will be required to construct the project:

- U.S. Army Corps of Engineers (USACE) Clean Water Act (CWA) Section 404 Standard Individual Permit
- U.S. Fish and Wildlife (USFWS) Biological Opinion (BO) (Section 7 of the Federal Endangered Species Act (FESA))
- National Marine Fisheries Service (NMFS) BO (Section 7 of FESA)
- Central Valley Regional Water Quality Control Board (CVRWQCB) CWA Section 401 Water Quality Certification (WQC)
- California Department of Fish and Wildlife (CDFW) Section 1600 Lake and Streambed Alteration Agreement (LSAA).
- CDFW Incidental Take Permit (ITP), Fish and Game Code 2081(b), California Endangered Species Act (CESA)

Each regulatory permit application will generally include a cover letter, Project description and Project maps, a summary of potential impacts on regulated resources, and proposed avoidance and minimization, and mitigation measures that will be implemented by the ESWD. The permit applications will be supported by resource reports including aquatic resource delineation report, biological resource technical memorandum, Cultural Resource Survey Report (see above), and demonstration of CEQA compliance.

ESA will prepare applications for the following permits and supporting technical studies:

**USACE 404 Standard Individual Permit.** ESA regulatory specialists will prepare a USACE CWA Section 404 Clean Water Act Standard Individual Permit (SIP) application package (Form 4345) for project impacts to wetlands and other waters of the U.S. This task assumes that the project design drawings and construction footprint in an appropriate format for analysis of potential impacts to wetlands and other waters of the U.S. We will prepare an Aquatic Resources Delineation Report (ARDR) for the Proposed Project site to support the permit applications. The delineation will be conducted in accordance with the USACE 1987 Wetland Delineation Manual, the 2008 Regional Supplement to the Corps of Engineers Wetland Delineation Manual: Arid West Region (Version 2.0), and current USACE requirements to follow the 2015 Clean Water Rule. We will also document any areas outside USACE jurisdiction that may be considered waters of the state and will summarize this information in the state permit applications. SIP applications require an Alternatives Analysis that meets the requirements in CWA section 404(b)(1) Guidelines. ESA will utilize information developed during the conceptual design phase to identify appropriate alternatives for this analysis requirement.

Additionally, as the anticipated federal lead on the project, FESA Section 7 species consultations and National Historic Preservation Act (NHPA) Section 106 consultations, including tribal outreach, will be initiated by the USACE in accordance with the FESA. ESA will prepare and submit the necessary USFWS and NMFS Biological Assessments for submission with the USACE application.

**RWQCB 401 WQC.** ESA will prepare and submit an application package for an individual WQC to the CVRWQCB. Much of the information required for the CVRWQCB application will be similar to that required by the USACE for the SIP application, but some information, such as the assessment of Proposed Project effects to CVRWQCB-designated Beneficial Uses per the Water Quality Control Plan for the San Joaquin River Basin Plan (or Basin Plan), is unique to this application. In addition, all information will be submitted in accordance with the State Water Resources Control Board's (SWRCB) 2019 Procedures (revised April 6, 2021) for Discharges of Dredged or Fill Material in Waters of the State (Wetland Procedures). It should be noted that the CVRWQCB will require a certified CEQA document to verify project compliance with state law, prior to issuance of a CVRWQCB WQC.

**CDFW 1602 SAA.** ESA will prepare a Section 1602 Notification of Lake and Streambed Alteration for submittal to CDFW. The Section 1602 Notification will describe the Project activities, and potential Project effects on any other fish or wildlife resources under CDFW jurisdiction. Information from the USFWS BA, NMFS BA, and the habitat assessment will be submitted with this notification, as well as demonstration of CEQA compliance. The notification will need to include specific biological, hydrological, engineering, construction, and operational information for the project. ESA will coordinate with SEWD and to submit the permit application through CDFW's Environmental Permit Information Management System (EPIMS) Document Repository Portal. It should be noted that CDFW will require a certified CEQA document to verify project compliance with state law, prior to issuance of the 1602 LSAA.

**CDFW CESA Application.** ESA will prepare a CESA Incidental Take Permit (ITP) application pursuant to Fish and Game Code 2081(b) for the project to obtain take authorization for listed state species, as applicable. ESA will coordinate with SEWD and CDFW on the ITP requirements and submit the permit application through CDFW's Environmental Permit Information Management System (EPIMS) Document Repository Portal.

The application will include a description of the project or activity for which the permit is sought; an analysis of whether and to what extent the project could result in the taking of species to be covered by the permit; an analysis of the impacts of the proposed taking on the species; an analysis of whether issuance of the ITP would jeopardize the continued existence of a species; proposed measures to minimize and fully mitigate the impacts of the proposed taking; a proposed plan to monitor compliance with the minimization and mitigation measures; description of the funding sources and level of funding available for implementation of the minimization and mitigation measures; and documentation of CEQA compliance. This task includes up to three virtual meetings with CDFW to specifically address the ITP requirements.

### Subtask 8.3: Post-Applications Submission Regulatory Support

Following the submission of the permit applications, it is unknown to what level of effort may be required to support SEWD with responses to agency requests for additional information. Based on ESA extensive experience, and given the Proposed Project's complexity, ESA has included up to 152 hours for post-application regulatory support.

#### ***Task 8.3 Deliverables:***

- Electronic version of draft (PDF and Word) and final (PDF) permit application packages
  - USACE Standard Individual Permit
  - CVRWQCB Water Quality Certification
  - CDFW 1602 Streambed Alteration Agreement
  - CDFW California ESA Incidental Take Permit
- Final permit application package for USACE will be submitted via their RRS
- Final permit application package to be entered into the CDFW EPIMS Document Repository.
- Electronic version of draft (PDF and Word) and final (PDF) supporting technical studies.
- Supporting Technical Studies:
  - Aquatic Resources Delineation Report
  - Two Biological Assessments (USFWS and NMFS)
  - Compensatory Mitigation Plan – up to 4 revisions
  - CWA section 404(b)(1) Alternatives Analysis
- Pre-application support for the regulatory agencies
  - Interagency Meeting agendas, presentations, meeting notes/
  - Permitting Strategy Memorandum
  - Compensatory Mitigation Identification and Strategy Memorandum
- Post-application support for the regulatory agencies
  - Responding to regulatory agency comments multiple times until all agencies deem the applications complete.
  - Revisions to impact calculations, additional analysis, mitigation plan revisions, and/or support from design team to explain/respond to regulatory agency questions.

#### ***Assumptions:***

- SEWD will provide information requested by ESA to support the regulatory permit applications
- GIS data from the 2018 Administrative Draft EIR will be provided to ESA and will not need to be updated.
- Additional studies and biological surveys are not included in this scope and would be provided under a separate scope of work by ESA, if necessary.
- SEWD will be able to demonstrate to the satisfaction of jurisdictional agencies that it has avoided and minimize resource impacts to the maximum extent practicable.
- Permit application fees will be paid by SEWD.
- Preparation of permit applications will be performed using existing information and data from the 2018 Administrative Draft EIR and updated with current information as applicable.
- ESA permitting staff assumes up to two site visits (with both USACE and RWQCB staff) necessary to support the regulatory agencies permitting process.
- Technical studies or additional documents that are not identified in this proposal may be requested by the regulatory agencies. ESA can provide those documents under a separate scope of work.

- Compensatory mitigation will be required by the regulatory agencies for the Proposed Project's impacts to aquatic resources, FESA species impacts, and CESA species impacts.
- Permit applications will be based on the current project design drawings. Resource agencies may request design drawings to be at a level of 65% complete before granting the permit(s).
- Permit applications and supporting technical studies include one round of comments from SEWD.
- Permitting calculations, descriptions, and figures will be based on one single set of drawings. Our scope does not accommodate re-work associated with design drawing revisions or dividing project components into different permit applications.
- SEWD will be responsible for obtaining other federal and/or state permits, e.g., SWPPP under the Construction General Permit and San Joaquin County Permits, as applicable.

## Schedule

ESA will complete the Draft EIR in approximately 10 months including 45-day public review period. This schedule is based on the following: (1) ESA receives an executed contract or notice to proceed within 2 weeks of accepting ESA's scope of work, schedule and cost estimate; a Draft Project Description in 6-8 weeks per CEQA Guidelines; the Administrative Draft EIR will be developed over 24 weeks after receiving comments on the project description and updated modeling results from Stantec; the Screencheck Draft EIR will be submitted for review and comment after 4 weeks of receiving comments on the Administrative Draft EIR. We anticipate publishing and circulating the Draft EIR in late spring or early summer 2027. Refer to **Attachment 1 – Project Schedule**. ESA does not anticipate any delays in this schedule; however, some amount of uncertainty exists with approval of the project description, modeling updates and project team review times.

As described in Task 8, permit applications prepared by ESA will meet regulatory agency requirements and ESA will support SEWD and WSEP. However, ESA cannot guarantee successful procurement of regulatory agency permits and approvals within the desired timeframe.

## Cost Estimate

The cost estimate for the above-described scope of work is estimated at **\$1,381,018** inclusive of regulatory permits, project coordination and management duties, meetings and expenses and will be invoiced on a time-and-materials basis. For easy reference, Table 1 presents the costs per task, a detailed summary of our proposed fee for the work described herein is presented in Exhibit A, attached. Please refer to Exhibit B is ESA's 2026 Fee Schedule for associated project costs and hourly rates.

| TABLE 1 - COST ESTIMATE                           |                    |
|---------------------------------------------------|--------------------|
| Task Descriptions                                 | Cost               |
| Task 1: Project Initiation Background Review      | \$42,475           |
| Task 2: Prepare Project Description               | \$28,696           |
| Task 3: AB52 Tribal Notification and Consultation | \$9,022            |
| Task 4: Prepare Technical Reports                 | \$218,069          |
| Task 5: Notice of Preparation and Circulation     | \$7,492            |
| Task 6: Prepare Draft Environmental Impact Report | \$510,867          |
| Task 7: Project Management and Meetings           | \$153,485          |
| Task 8: Regulatory Permitting                     | \$410,911          |
| Expenses/Other Direct Costs                       | \$6,900            |
| Total                                             | <b>\$1,381,018</b> |

This cost estimate is not expected to be exceeded unless there is a change to the scope, project description or in response to a request from the project team. In the event of a change in the scope, the Project team will be informed as soon as possible of the change and its effect on the cost, if any.

## General Assumptions

The draft EIR scope of work is based on the following key assumptions:

- ➔ ESA will strictly adhere to the scope of work presented above. SEWD will provide relevant Project information.
- ➔ To the extent practicable, the draft EIR will use relevant information and from the 2018 Administrative Draft EIR.
- ➔ The draft EIR will depend on technical reports prepared by ESA, Stantec and other consultants and agencies—ESA will not prepare any other reports such as hazardous materials investigation (Phase II), air quality sampling and modeling, groundwater modeling, and stormwater pollution prevention plan as it is assumed that these will not be needed for preparation of the draft EIR.
- ➔ Basic engineering specifications (such as a Project site plan, layouts and access roads) will be available at project initiation
- ➔ No significant delays are expected beyond the control of ESA.
- ➔ Requested changes after ESA's initiates assessments, evaluations and analyses may result in additional professional time. If so, ESA will inform SEWD of the additional level of effort and professional time will be performed under a separate scope of work and cost estimate.
- ➔ Any costs associated with filing fees will be borne by SEWD, i.e., California Department of Fish and Wildlife for its review of the draft EIR and County public noticing requirements.
- ➔ SEWD will be responsible for posting and mailing all notices described herein, and for mailing and publishing of hard copies for local interested parties and stakeholders.
- ➔ This proposal assumes all electronic deliverables. If printed deliverables are needed, those will be billed on a time-and-materials basis.

ESA is excited about the opportunity to serve you and SEWD and we look forward to working on this very important water supply project.

Sincerely,

Dave Beauchamp,  
Principal Consultant

| Task | Task Descriptions                            | SEWD FY 26 - 27 |      |     |     |     |     |     |     |     |     |     |     | SEWD FY 27 - 28 |      |     |     |     |     |     |     |  |  |  |  |
|------|----------------------------------------------|-----------------|------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----------------|------|-----|-----|-----|-----|-----|-----|--|--|--|--|
|      |                                              | Aug             | Sept | Oct | Nov | Dec | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug             | Sept | Oct | Nov | Dec | Jan | Feb | Mar |  |  |  |  |
| 1    | Project Initiation and Background Review     |                 |      |     |     |     |     |     |     |     |     |     |     |                 |      |     |     |     |     |     |     |  |  |  |  |
| 2    | Project Description                          |                 |      |     |     |     |     |     |     |     |     |     |     |                 |      |     |     |     |     |     |     |  |  |  |  |
| 3    | AB 52 Tribal Notification and Consultation   |                 |      |     |     |     |     |     |     |     |     |     |     |                 |      |     |     |     |     |     |     |  |  |  |  |
| 4    | Technical Reports                            |                 |      |     |     |     |     |     |     |     |     |     |     |                 |      |     |     |     |     |     |     |  |  |  |  |
| 4.1  | Cultural Resources Inventory Report          |                 |      |     |     |     |     |     |     |     |     |     |     |                 |      |     |     |     |     |     |     |  |  |  |  |
| 4.2  | Hydraulic and Ecohydraulic Study*            |                 |      |     |     |     |     |     |     |     |     |     |     |                 |      |     |     |     |     |     |     |  |  |  |  |
| 4.3  | Hydrologic and Water Quality Analysis*       |                 |      |     |     |     |     |     |     |     |     |     |     |                 |      |     |     |     |     |     |     |  |  |  |  |
| 5    | Prepare and Circulate Notice of Preparation  |                 |      |     |     |     |     |     |     |     |     |     |     |                 |      |     |     |     |     |     |     |  |  |  |  |
| 6    | Prepare EIR                                  |                 |      |     |     |     |     |     |     |     |     |     |     |                 |      |     |     |     |     |     |     |  |  |  |  |
| 6.1  | Administrative Draft EIR                     |                 |      |     |     |     |     |     |     |     |     |     |     |                 |      |     |     |     |     |     |     |  |  |  |  |
| 6.2  | Screencheck Draft EIR                        |                 |      |     |     |     |     |     |     |     |     |     |     |                 |      |     |     |     |     |     |     |  |  |  |  |
| 6.3  | Public Draft EIR                             |                 |      |     |     |     |     |     |     |     |     |     |     |                 |      |     |     |     |     |     |     |  |  |  |  |
| 7    | Project Management and Meetings              |                 |      |     |     |     |     |     |     |     |     |     |     |                 |      |     |     |     |     |     |     |  |  |  |  |
| 8    | Regulatory Permitting and Supporting Studies |                 |      |     |     |     |     |     |     |     |     |     |     |                 |      |     |     |     |     |     |     |  |  |  |  |
| 8.1  | USACE 404 Permit                             |                 |      |     |     |     |     |     |     |     |     |     |     |                 |      |     |     |     |     |     |     |  |  |  |  |
| 8.2  | RWQCB 401 WQC                                |                 |      |     |     |     |     |     |     |     |     |     |     |                 |      |     |     |     |     |     |     |  |  |  |  |
| 8.3  | CDFW 1600 SAA                                |                 |      |     |     |     |     |     |     |     |     |     |     |                 |      |     |     |     |     |     |     |  |  |  |  |



Project Start-up

\* contingent of CalSIM 3 and DSM2 modeling  
Schedule: August 2026 - March 2028  
Schedule based on current status of project information

45-Day PR

| Project Name Here |                                                             |                 | ESA LABOR COST          |                         |                      |                    | EXPENSES | TOTAL PROJECT COST |
|-------------------|-------------------------------------------------------------|-----------------|-------------------------|-------------------------|----------------------|--------------------|----------|--------------------|
| Task #            | Task Name/Description                                       | ESA Total Hours | ESA Labor 08/26 - 03/27 | ESA Labor 04/27 - 03/28 | Total ESA Labor Cost | Total Expense (\$) | Amount   |                    |
| 1.1               | Kick-off Meeting and Background Review                      | 176.00          | \$ 41,900               | \$ -                    | \$ 41,900            | \$                 | 575      | \$ 42,475          |
| 1                 | Task 1: Project Initiation_ Background Review               | 176.00          | \$ 41,900               | \$ -                    | \$ 41,900            | \$                 | 575      | \$ 42,475          |
| 2.1               | Draft and Final Project Description                         | 132.00          | \$ 28,696               | \$ -                    | \$ 28,696            | \$                 | -        | \$ 28,696          |
| 2                 | Task 2: Project Description                                 | 132.00          | \$ 28,696               | \$ -                    | \$ 28,696            | \$                 | -        | \$ 28,696          |
| 3.1               | AB 52 Tribal Notification and Consultation                  | 35.00           | \$ 9,022                | \$ -                    | \$ 9,022             | \$                 | -        | \$ 9,022           |
| 3                 | Task 3: AB52 Tribal Notification-Consultation               | 35.00           | \$ 9,022                | \$ -                    | \$ 9,022             | \$                 | -        | \$ 9,022           |
| 4.1               | Cultural Resources Inventory Report                         | 106.00          | \$ 28,422               | \$ -                    | \$ 28,422            | \$                 | 1,380    | \$ 29,802          |
| 4.2               | Hydraulic-Ecohydraulic Study                                | 338.00          | \$ 48,910               | \$ 33,715               | \$ 82,625            | \$                 | -        | \$ 82,625          |
| 4.3               | Hydrologic-Water Quality Analysis                           | 418.00          | \$ 62,535               | \$ 43,107               | \$ 105,642           | \$                 | -        | \$ 105,642         |
| 4                 | Task 4: Technical Reports                                   | 862.00          | \$ 139,868              | \$ 76,822               | \$ 216,689           | \$                 | 1,380    | \$ 218,069         |
| 5.1               | Prepare Notice of Preparation-Circulation                   | 35.00           | \$ 5,953                | \$ 1,539                | \$ 7,492             | \$                 | -        | \$ 7,492           |
| 5                 | Task 5: Notice of Preparation and Circulation               | 35.00           | \$ 5,953                | \$ 1,539                | \$ 7,492             | \$                 | -        | \$ 7,492           |
| 6.1               | Aesthetics                                                  | 42.00           | \$ 6,642                | \$ 4,579                | \$ 11,221            | \$                 | -        | \$ 11,221          |
| 6.2               | Agricultural/Forestry Resources                             | 34.00           | \$ 7,148                | \$ -                    | \$ 7,148             | \$                 | -        | \$ 7,148           |
| 6.3               | Air Quality                                                 | 78.00           | \$ 9,614                | \$ 6,627                | \$ 16,240            | \$                 | -        | \$ 16,240          |
| 6.4               | Biological Resources (Terrestrial)                          | 94.00           | \$ 10,610               | \$ 4,702                | \$ 15,312            | \$                 | 230      | \$ 15,542          |
| 6.5               | Biological Resources (Aquatics)                             | 86.00           | \$ 7,653                | \$ 11,870               | \$ 19,523            | \$                 | 230      | \$ 19,753          |
| 6.6               | Cultural-Tribal Cultural Resources                          | 58.00           | \$ 16,031               | \$ -                    | \$ 16,031            | \$                 | -        | \$ 16,031          |
| 6.7               | Energy                                                      | 70.00           | \$ 18,449               | \$ -                    | \$ 18,449            | \$                 | -        | \$ 18,449          |
| 6.8               | Geology & Soils/Mineral Resources                           | 50.00           | \$ 10,864               | \$ -                    | \$ 10,864            | \$                 | -        | \$ 10,864          |
| 6.9               | Greenhouse Gas Emissions                                    | 34.00           | \$ 4,269                | \$ 2,943                | \$ 7,212             | \$                 | -        | \$ 7,212           |
| 6.10              | Hazards and Hazardous Materials                             | 2.00            | \$ 482                  | \$ -                    | \$ 482               | \$                 | -        | \$ 482             |
| 6.11              | Surface Water Hydrology-Water Quality                       | 114.00          | \$ 12,362               | \$ 19,173               | \$ 31,534            | \$                 | -        | \$ 31,534          |
| 6.12              | Land Use / Planning                                         | 26.00           | \$ 4,759                | \$ -                    | \$ 4,759             | \$                 | -        | \$ 4,759           |
| 6.13              | Noise                                                       | 74.00           | \$ 11,710               | \$ 8,072                | \$ 19,782            | \$                 | -        | \$ 19,782          |
| 6.14              | Population and Housing                                      | 26.00           | \$ 4,759                | \$ -                    | \$ 4,759             | \$                 | -        | \$ 4,759           |
| 6.15              | Public Services                                             | 26.00           | \$ 5,031                | \$ -                    | \$ 5,031             | \$                 | -        | \$ 5,031           |
| 6.16              | Recreation and On-Water Recreation                          | 62.00           | \$ 9,819                | \$ 6,768                | \$ 16,587            | \$                 | -        | \$ 16,587          |
| 6.17              | Transportation                                              | 38.00           | \$ 7,824                | \$ -                    | \$ 7,824             | \$                 | -        | \$ 7,824           |
| 6.18              | Utilities and Service Systems                               | 58.00           | \$ 15,240               | \$ -                    | \$ 15,240            | \$                 | -        | \$ 15,240          |
| 6.19              | Water Supply Effects                                        | 70.00           | \$ 9,488                | \$ 9,811                | \$ 19,299            | \$                 | -        | \$ 19,299          |
| 6.20              | Wildfire                                                    | 34.00           | \$ 6,876                | \$ -                    | \$ 6,876             | \$                 | -        | \$ 6,876           |
| 6.21              | Alternatives Analysis                                       | 88.00           | \$ -                    | \$ 23,805               | \$ 23,805            | \$                 | -        | \$ 23,805          |
| 6.22              | Growth Inducing: Cumulative; Sum of SU and S/I              | 68.00           | \$ -                    | \$ 18,731               | \$ 18,731            | \$                 | -        | \$ 18,731          |
| 6.23              | 6.1 Admin Draft EIR - Production (GIS+TechEdit+Pubs+Grphcs) | 196.00          | \$ 26,851               | \$ 18,509               | \$ 45,360            | \$                 | -        | \$ 45,360          |
| 6.24              | 6.2 Screencheck Draft EIR                                   | 392.00          | \$ -                    | \$ 98,636               | \$ 98,636            | \$                 | -        | \$ 98,636          |
| 6.25              | 6.3 Public Draft EIR                                        | 118.00          | \$ -                    | \$ 31,298               | \$ 31,298            | \$                 | 2,300    | \$ 33,598          |
| 6.26              | 6.26 Preliminary Review of Public Comments and Assessment   | 152.00          | \$ -                    | \$ 36,104               | \$ 36,104            | \$                 |          | \$ 36,104          |
| 6.27              | Task 6: Prepare Draft EIR                                   | 2,090.00        | \$ 206,481              | \$ 301,626              | \$ 508,107           | \$                 | 2,760    | \$ 510,867         |
| 7.1               | Project Management                                          | 180.00          | \$ 20,340               | \$ 31,546               | \$ 51,886            | \$                 | 575      | \$ 52,461          |
| 7.2               | Project Delivery Team Meetings                              | 300.00          | \$ 33,001               | \$ 51,184               | \$ 84,185            | \$                 | 1,150    | \$ 85,335          |
| 7.3               | CEQA Meetings                                               | 56.00           | \$ 6,150                | \$ 9,539                | \$ 15,689            | \$                 | -        | \$ 15,689          |
| 7                 | Task 7: Project Management and Meetings                     | 536.00          | \$ 59,491               | \$ 92,269               | \$ 151,760           | \$                 | 1,725    | \$ 153,485         |

| Project Name Here |                                                | ESA LABOR COST  |                         |                         |                      | EXPENSES                  | TOTAL PROJECT COST |
|-------------------|------------------------------------------------|-----------------|-------------------------|-------------------------|----------------------|---------------------------|--------------------|
| Task #            | Task Name/Description                          | ESA Total Hours | ESA Labor 08/26 - 03/27 | ESA Labor 04/27 - 03/28 | Total ESA Labor Cost | Total Expense (\$ Amount) |                    |
| 8.1               | Pre-Application Regulatory Support             | 276.00          | \$ -                    | \$ 67,380               | \$ 67,380            | \$ 230                    | \$ 67,610          |
| 8.2.1             | USACE 404 SIP                                  | 208.00          | \$ -                    | \$ 50,805               | \$ 50,805            | \$ -                      | \$ 50,805          |
| 8.2.2             | RWQCB 401 Water Quality Certification          | 168.00          | \$ -                    | \$ 40,900               | \$ 40,900            | \$ -                      | \$ 40,900          |
| 8.2.3             | CDFW 1600 SAA                                  | 88.00           | \$ -                    | \$ 21,965               | \$ 21,965            | \$ -                      | \$ 21,965          |
| 8.2.4             | CDFW ITP                                       | 88.00           | \$ -                    | \$ 21,965               | \$ 21,965            | \$ -                      | \$ 21,965          |
| 8.2.5             | Aquatic Resources Delineation Report           | 212.00          | \$ -                    | \$ 50,507               | \$ 50,507            | \$ 230                    | \$ 50,737          |
| 8.2.6             | USFWS-NMFS BioAssessments                      | 318.00          | \$ -                    | \$ 78,584               | \$ 78,584            | \$ -                      | \$ 78,584          |
| 8.2.7             | Mitigation-Monitoring/Adaptive Management Plan | 172.00          | \$ -                    | \$ 41,088               | \$ 41,088            | \$ -                      | \$ 41,088          |
| 8.3               | Post-Application Regulatory Support            | 148.00          | \$ -                    | \$ 37,258               | \$ 37,258            | \$ -                      | \$ 37,258          |
| 8                 | Task 8: Regulatory Permitting                  | 1,678.00        | \$ -                    | \$ 410,451              | \$ 410,451           | \$ 460                    | \$ 410,911         |
|                   | Total Hours                                    | 5,544.00        |                         |                         |                      |                           |                    |
|                   | Total (\$ Amount)                              |                 | \$ 491,410.94           | \$ 882,707.15           | \$ 1,374,118         | \$ 6,900                  | \$ 1,381,018       |
|                   | Total Hours without Optional Tasks             | 5,544.00        |                         |                         |                      |                           |                    |
|                   | Total (\$ Amount without Optional Tasks        |                 |                         |                         | \$ 1,374,118         | \$ 6,900                  | \$ 1,381,018       |

| PROJECT COST ESTIMATE SUMMARY TABLE                 |             |
|-----------------------------------------------------|-------------|
| ESA Labor                                           | \$1,305,931 |
| Annual Rate Escalation Allowance                    | \$29,009    |
| Contingency                                         |             |
| Technology and Data Management Fee                  | \$39,178    |
| ESA Labor Amount                                    | \$1,374,118 |
| ESA Non-Labor Expenses                              |             |
| Reimbursable Expenses (see Attachment A for detail) | \$6,900     |
| ESA Equipment Usage (see Attachment A for detail)   |             |
| Subtotal ESA Non-Labor Expenses                     | \$6,900     |
| Subconsultant Costs                                 |             |
| PROJECT TOTAL                                       | \$1,381,018 |



## EXHIBIT B

# Environmental Science Associates & Subsidiaries: 2026 Schedule of Fees

## I. Personnel Category Rates

Charges will be made at the Category hourly rates set forth below for time spent on project management, consultation or meetings related to the project, field work, report preparation and review, travel time, etc. Time spent on projects in litigation, in depositions and providing expert testimony will be charged at the Category rate times 1.5.

| LABOR CATEGORY              | BILLING STEP I | BILLING STEP II | BILLING STEP III | BILLING STEP IV | BILLING STEP V | BILLING STEP VI |
|-----------------------------|----------------|-----------------|------------------|-----------------|----------------|-----------------|
| Project Technician          | \$86           | \$109           | \$131            | \$150           | \$170          | \$194           |
| Consultant                  | \$116          | \$130           | \$144            | \$160           | \$173          | \$188           |
| Associate Consultant        | \$154          | \$170           | \$184            | \$198           | \$213          | \$228           |
| Senior Consultant           | \$171          | \$189           | \$212            | \$234           | \$257          | \$279           |
| Managing Consultant         | \$205          | \$228           | \$253            | \$277           | \$301          | \$324           |
| Principal Consultant        | \$222          | \$253           | \$282            | \$311           | \$341          | \$370           |
| Senior Principal Consultant | \$261          | \$288           | \$317            | \$347           | \$379          | \$409           |

- The range of rates shown for each staff category reflects ESA staff qualifications, expertise and experience levels. These rate ranges allow our project managers to assemble the best project teams to meet the unique project requirements and client expectations for each opportunity.
- From time to time, ESA retains outside professional and technical labor on a temporary basis to meet peak workload demands. Such contract labor may be charged at regular Employee Category rates.
- ESA reserves the right to revise the Personnel Category Rates periodically to reflect changes in its operating costs.

## II. Subcontracts

Subcontract services will be invoiced at cost multiplied by 1.15.

## III. Other

The fees above do not include sales tax. Any applicable or potential sales tax will be charged when appropriate.

## IV. Payment Terms

Unless otherwise agreed in writing, ESA will submit invoices on a monthly basis. Any unpaid balances shall draw interest at one and one half percent (1.5%) per month or the highest rate allowed by law, whichever is lower, commencing thirty (30) days after date of invoice. All invoices not contested in writing within fifteen (15) business days of receipt are deemed accepted by Client as true and accurate and Client thereafter waives any objection to Clients invoices, which are payable in full.

## V. ESA Expenses

### A. Travel Expenses

1. Transportation
  - a. Company vehicle – fixed rate + fee for mileage in excess of 100 miles.
  - b. Common carrier or car rental – actual expense multiplied by 1.15
  - c. If company vehicle is to be used in off-road conditions, a daily \$15 use fee will be added to the standard daily vehicle rate.
2. Lodging, meals and related travel expenses – direct expenses multiplied by 1.15

### B. Technology and Data Management Fee

Starting January 2023, ESA implemented a 3% Technology and Data Management fee on all applicable contracts, excluding charges related to equipment rentals, reimbursable expenses, and subcontractor fees. This fee plays a pivotal role in mitigating an array of technology and data management expenditures incurred by ESA to ensure the delivery of the comprehensive and high-quality services our clients expect. These expenses include, but are not limited to:

1. Long-Term Data Retention and Security Administration: Covering the expenses associated with administering the protection of client data and assets throughout and beyond the contractual period.
2. Development and Maintenance of Internal ESA Software Tools: Accounting for the ongoing investments required to create and maintain tools integral to our client engagements.
3. Data Privacy and Security Maintenance: Encompassing the costs involved in maintaining data privacy and security, including regular security audits to uphold the highest standards.
4. Advanced Technology-Related Costs: Addressing the escalating expenses associated with subscriptions for cutting-edge technical software, licenses, and cloud data services.

This fee structure enables ESA to uphold its commitment to providing clients with top-tier services while managing the ever-evolving demands of technology and data management in the work that we do.

### C. Cloud-based Services

| ITEM                                                                                                                             | RATE/HOUR | RATE/DAY   | RATE/WEEK | RATE/MONTH |
|----------------------------------------------------------------------------------------------------------------------------------|-----------|------------|-----------|------------|
| <b>Cloud-based Services</b>                                                                                                      |           |            |           |            |
| Nearmap High Resolution Images                                                                                                   |           | \$55/image |           |            |
| ArcGIS Online Hosting (Web Maps/Apps)                                                                                            |           |            |           | \$225      |
| Website Hosting                                                                                                                  |           |            |           | \$200      |
| Custom Application & Services Hosting*                                                                                           |           |            |           | \$300*     |
| Modeling (GeoHECRAS, TUFLOW, Delft3D) + Drone Processing                                                                         | \$7       | \$160      | \$950     | \$3,900    |
| Aviation Environmental Design Tool (AEDT) Processing                                                                             | \$13      | \$190      | \$1,120   | \$4,600    |
| *includes support for database, SSL, IT support – costs vary by project. Contact software development services for firm pricing. |           |            |           |            |

## D. Printing/Reproduction Rates

If a weekly or monthly rate is not provided, equipment usage is billed at a daily rate.

| ITEM                                            | RATE/PAGE                 | SAMPLE PRICING                                    |
|-------------------------------------------------|---------------------------|---------------------------------------------------|
| Black & White – 8.5 x 11                        | \$0.15                    |                                                   |
| Black & White – 11 x 17                         | \$0.30                    |                                                   |
| Color – 8.5 x 11                                | \$0.50                    |                                                   |
| Color – 11 x 17                                 | \$0.80                    |                                                   |
| B&W – Plotter (Toner – ECO Quality)             | \$0.50/sf                 | 24x36 B/W CAD drawing would cost \$3 per sheet    |
| B&W – Plotter (Toner – Presentation Quality)    | \$1.25/sf                 | 24x36 B/W CAD drawing would cost \$7.50 per sheet |
| Color – Plotter (Inkjet – ECO Quality)          | \$2.50/sf                 | 24x36 Color Drawing would cost \$15 per sheet     |
| Color – Plotter (Inkjet – Presentation Quality) | \$5.00/sf                 | 24x36 Color Drawing would cost \$30 per sheet     |
| CD                                              | \$10.00                   |                                                   |
| Digital Photography                             | \$20.00 (up to 50 images) |                                                   |
| All Other Items (including bindings and covers) | At cost plus 10%          |                                                   |

## E. Equipment Rates

| ITEM                                         | RATE/DAY            | RATE/WEEK           | RATE/MONTH |
|----------------------------------------------|---------------------|---------------------|------------|
| <b>Project Specific Equipment:</b>           |                     |                     |            |
| Vehicles – Standard size (no off-road usage) | \$ 115 <sup>a</sup> | \$ 550 <sup>a</sup> | \$         |
| Vehicles – 4x4 /Truck (light duty)           | 175 <sup>a</sup>    |                     |            |
| Vehicles – 4x4 /Truck (heavy duty)           | 200 <sup>a</sup>    |                     |            |
| Vehicles – ATV                               | 175                 |                     |            |
| Noise Meter                                  | 115                 |                     |            |
| Hydroacoustic Noise Monitoring Equipment     | 175                 |                     |            |
| Satellite Phone                              | 15                  | 70                  | 250        |
| Electrofischer                               | 350                 | 1,750               |            |
| Field Traps                                  | 50                  |                     |            |
| Digital Hypsometer (Nikon)                   | 25                  |                     |            |
| Backpack Sprayer                             | 30                  |                     |            |
| 360-Degree 4k Camera                         | 35                  | 175                 |            |
| High Resolution Time-Lapse Camera            | 20                  | 100                 | 350        |
| Beach Seine                                  | 60                  |                     |            |
| Block Net                                    | 30                  |                     |            |
| PIT Tagging Kit                              | 25                  |                     |            |
| Underwater Light Meter                       |                     | 500                 |            |
| Otter Trawl                                  | 115                 |                     |            |
| Wildlife Acoustics Bat Detector              | 125                 | 400                 |            |
| Wildlife Trail Camera                        | 30                  | 100                 |            |
| Fiber Optic Endoscope                        | 150                 | 750                 |            |
| Spotting Scope                               | 50                  | 200                 |            |
| Sand Transport Station                       |                     |                     | 460        |
| Wind Monitoring Station                      |                     |                     | 1540       |
| Personal Protective Equipment (PPE)          | 25                  |                     |            |
| <b>Photo and Video Production Equipment:</b> |                     |                     |            |
| Mirrorless Camera + Lens + SD Card           | \$ 220              | \$ 550              | \$2000     |
| Tripod + Camera Case                         | 50                  | 175                 | 500        |
| Lighting Equipment                           | 20                  | 75                  | 250        |
| Shotgun Microphone Kit                       | 15                  | 50                  | 180        |
| 2 Person Microphone Kit                      | 10                  | 25                  | 85         |

| ITEM                                                                                    | RATE/DAY | RATE/WEEK | RATE/MONTH |
|-----------------------------------------------------------------------------------------|----------|-----------|------------|
| <b>Topographic/Bathymetric Survey Equipment:</b>                                        |          |           |            |
| Total Station                                                                           | \$ 300   | \$        | \$         |
| UAV/Drone                                                                               | 300      | 1,500     |            |
| RTK-GPS                                                                                 | 300      |           |            |
| RTK-GPS Smartnet Subscription                                                           | 80       |           |            |
| Hypack Survey Software                                                                  | 150      |           |            |
| Laser/Auto Level                                                                        | 50       |           |            |
| Single-Beam Echoshounder                                                                | 175      | 600       |            |
| Sidescan Sonar                                                                          | 200      |           |            |
| Sound Velocity Profiler                                                                 | 75       |           |            |
| 1m GNSS Data Collection System                                                          | 90       | 425       | 1,700      |
| Sub-meter GNSS Data Collection System                                                   | 120      |           |            |
| Sub-foot Data Collection System                                                         | 245      |           |            |
| Garmin GPS or equivalent                                                                | 45       |           |            |
| <b>Hydrologic Data Collection, Water Current, Level and Wave Measurement Equipment:</b> |          |           |            |
| ISCO 2150 Area Velocity Flow Logger                                                     | \$ 50    | \$ 300    | \$ 800     |
| SonTek IQ-Plus Area Velocity Flow Logger                                                | 100      | 500       | 1,500      |
| Logging Rain Gage                                                                       | 10       | 50        | 200        |
| Hand-Held Current Meter                                                                 | 50       |           |            |
| Surface Velocity Radar                                                                  | 50       |           |            |
| Wave Pressure Sensor                                                                    |          | 115       | 460        |
| Wave Buoy                                                                               |          | 175       | 700        |
| Sonic Wave Sensor                                                                       | 35       | 175       | 500        |
| Logging Water Level - Pressure Transducer                                               |          |           | 125        |
| Logging Barometric Pressure Logger                                                      |          |           | 60         |
| Well Probe / Water Level Meter                                                          | 25       |           |            |
| Bottom-Mounted Tripod / Mooring                                                         | 30       | 150       | 400        |
| Stormwater Crest Sampler                                                                |          |           | 20         |
| ADCP Riverboard                                                                         | 700      |           |            |
| Radar Wave Sensor with Logger Box                                                       | 150      | 300       | 1000       |
| <b>Boats:</b>                                                                           |          |           |            |
| Small Watercraft                                                                        | \$ 100   | \$ 400    |            |
| 15'-17' Boat                                                                            | 375      | 1,500     |            |
| 18'-21' Boat                                                                            | 450      | 2,000     |            |
| 22'-25' Boat                                                                            | 550      | 2,250     |            |
| Houseboat Floating Laboratory                                                           |          | 4,500     |            |
| <b>Water Quality Equipment:</b>                                                         |          |           |            |
| Logging Turbidimeter/Water Level Recorder                                               | \$       | \$        | \$ 400     |
| Logging Conductivity/Water Level Recorder                                               |          |           | 250        |
| Remote Monitoring Logger Box                                                            |          | 75        | 250        |
| Recording Conductivity Meter w/Datalogger                                               | 20       | 60        | 200        |
| Hand-Held Turbidimeter                                                                  | 50       | 200       |            |
| Hand-Held Salinity Meter or pH meter                                                    | 35       |           |            |
| Logging Salinity Gauge                                                                  |          |           | 150        |
| Logging DO/Temp Probe                                                                   |          |           | 150        |
| Logging Water Quality Sonde 1 Sensor                                                    | 50       | 200       | 700        |
| Logging Water Quality Sonde 2 Sensor                                                    | 65       | 250       | 800        |
| Logging Water Quality Sonde 3 Sensor                                                    | 75       | 300       | 900        |
| Logging Water Quality Sonde 4 Sensor                                                    | 90       | 350       | 1,000      |
| Telemetry System Hardware                                                               |          |           | 125        |
| Water Quality Multi-Probe Depth Profiler                                                | 200      |           |            |
| Niskin Water Sampler                                                                    | 50       |           |            |
| ISCO 6712 Portable Sampler w/ISCO 2105 Module                                           | 60       | 350       | 900        |

| ITEM                                           | RATE/DAY | RATE/WEEK | RATE/MONTH |
|------------------------------------------------|----------|-----------|------------|
| <b>Sedimentation / Geotechnical Equipment:</b> |          |           |            |
| Peat Corer                                     | \$ 85    |           |            |
| 60lb Helly-Smith Bedload Sampler               | 200      |           |            |
| Mini-Ponar Grab Sampler                        | 50       |           |            |
| DH-76 Suspended Sediment Sampler               | 100      |           |            |
| D-96 Suspended Sediment Sampler                | 200      |           |            |
| Bridge Crane                                   | 150      |           |            |
| RSET                                           | 50       |           |            |
| AMS Soil Sampling Kit                          | 50       |           |            |
| Hand-Held Helley-Smith Bedload Sampler         | 30       |           |            |
| Guelph Permeameter                             | 60       |           |            |
| Sludge Sampler                                 | 60       |           |            |
| Shear Strength Vane                            | 60       |           |            |
| Handheld DH-48 Suspended Sediment Sampler      | 30       |           |            |

<sup>a</sup> Actual project charges will include the daily rate plus \$0.75 per beyond 100 miles

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July 23, 2026

Attn: David Beauchamp, Senior Project Manager  
Environmental Science Associates  
2600 Capitol Avenue, Suite 200  
Sacramento, CA 95816

**Subject: Proposed Scope of Work and Budget for CalSim 3 and DSM2 Model Updates for the Stockton East Water District Draft Environmental Impact Report**

Dear Mr. Beauchamp,

At the request of Environmental Science Associates (ESA), Stantec Consulting Services Inc. (Stantec) has prepared this proposal for CalSim 3 and DSM2 Modeling services for the Stockton East Water District (SEWD) Draft Environmental Impact Report. This proposal presents Stantec's scope of work and budget for these services.

#### **PROJECT OVERVIEW**

Work will consist of updating the CalSim and DSM2 modeling previously conducted for the June 2018 Administrative Draft Environmental Impact Report (ADEIR) for SEWD's proposed Water Supply Enhancement Project (WSEP). This ADEIR analyzed the impacts of proposed new diversions under the WSEP from the Calaveras River/Mormon Slough, Littlejohns Creek, and Rock Creek. These proposed diversions would capture predominantly wet-season (i.e. November to April) flood flows.

CalSim modeling will be updated using CalSim 3 (the 2018 ADEIR used CalSim II). Except for the use of CalSim 3 instead of CalSim II, the overall project operations simulated are assumed to remain similar to those described in the 2018 ADEIR. This includes incorporating changes in the project description, such as adjustments in diversion amounts, which can be efficiently integrated into the updated modeling.

#### **SCOPE OF WORK**

Stantec will provide CalSim 3 and DSM2 modeling services as described below.

##### **TASK 1 - CalSim 3 Model Update**

Previous modeling conducted for the ADEIR was conducted using CalSim II. Stantec will update this previous modeling using CalSim 3. Four scenarios will be simulated:

- 1) Existing Conditions;

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United States

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FAX 916 924 9102  
[www.stantec.com](http://www.stantec.com)

- 2) Future No Action/No Project conditions incorporating climate change hydrology;
- 3) Proposed Project layered on Existing Conditions; and
- 4) Proposed Project layered on Future No Project.

This scope also includes budget for two additional scenarios (one for No Project and one for With Project conditions), in case those are needed for other purposes such as cumulative analysis or sensitivity analysis.

For Task 1, Stantec will provide support for determining the proper CalSim 3 baseline model and climate change hydrology to use as a starting point for this modeling. This will include discussions with the SEWD legal team on appropriate baseline assumptions. Assumption is that existing models can be obtained for both Existing and Future Conditions (and the additional scenarios), which can be used for simulating the No Project condition without substantial changes. In addition, in order to verify the proper assumptions for the baseline CalSim 3 models, Stantec will provide a technical memorandum outlining current assumptions in the model for the Calaveras watershed. After review of this technical memorandum by the SEWD or other appropriate entities, Stantec will make any necessary adjustments to the Calaveras watershed assumptions in CalSim 3. Assumption is that these changes will be implementable within the existing structure of the model.

Simulation of the Proposed Project in CalSim 3 will be conducted using similar methods as were used in the ADIER modeling, where proposed new diversions were integrated into the model using a timeseries approach. Assumption is that those timeseries will be provided to Stantec, and that if needed, only a few iterations with the model will be needed to fully define the assumptions of the Proposed Project in CalSim 3. Stantec will prepare a comparative analysis of the existing and future model runs to summarize the changes in model outputs from the No Project to the Proposed Project. Stantec will conduct QA-QC of model results, including identification and explanation of modeling artifacts and large (greater than 5%) changes in average outputs.

Deliverables: CalSim 3 models and post-processing spreadsheets with comparative analysis results.

## **TASK 2 - DSM2 Model Update**

Following the completion of the CalSim 3 modeling, Stantec will rerun and update the DSM2 model simulations using results from the CalSim 3 scenarios described above. Delta simulation of future conditions will incorporate projected sea-level rise. Stantec will prepare a comparative analysis of the existing and future model runs to summarize the changes. Stantec will conduct QA-QC of model results, including identification and explanation of modeling artifacts and large (greater than 5%) changes in average outputs.

Deliverables: DSM2 models and post-processing spreadsheets with comparative analysis results.

### TASK 3 - Update Report

Following completion of the CalSim 3 and DSM2 modeling, Stantec will update the modeling appendix for the ADEIR (Appendix F of the DEIR which consists of the report entitled "MWH Delta Modeling Report"). These updates will include updated model assumptions and model results similar to what were presented in the ADEIR. In addition, Stantec will provide review of model results and conclusions used to assess impacts using CalSim 3 and DSM2 model results. Stantec will provide updated tables showing CalSim 3 and DSM2 model results for incorporation into Chapter 13 (Surface Water) of the ADEIR.

Deliverables: Updated Appendix F and spreadsheets with updated tables for Chapter 13.

### TASK 4 - Project Management and Coordination

Project management duties include coordination with staff, identifying resources, and monitoring schedule, budget, quality, and deliverables.

### SCHEDULE

Stantec expects that the scope of work presented in this proposal will be completed within 12 months from the notice-to-proceed.

### FEE ESTIMATE

Stantec's time and materials estimate for the scope of work presented in this proposal is **\$287,365.00**. A detailed fee estimate is provided in **Attachment A**, and Stantec's 2026 Fee Schedule is provided in **Attachment B**.

Stantec appreciates the opportunity to provide engineering services to ESA and SEWD. If you have any questions or require additional information, please contact me by phone at (425) 602-3532 or email ([thomas.fitzhugh@stantec.com](mailto:thomas.fitzhugh@stantec.com)).

Sincerely,  
**STANTEC**



Thomas FitzHugh  
Principal Water Resource Scientist

Cc:  
Puneet Khataavkar, PhD., PE., Senior Water Resources Engineer

Attachment:  
A. Detailed Fee Estimate  
B. Fee Schedule

## ATTACHMENT A

## Detailed Fee Estimate

| FEE ESTIMATE |                                 |
|--------------|---------------------------------|
| PROJECT:     | CalSim Modeling Update 2026     |
| CLIENT:      | Stockton East Water District    |
| SCHEDULE:    | August 1, 2026 to July 31, 2027 |
| DATE:        | July 22, 2026                   |
| FEE:         | <b>\$287,365.00</b>             |

| Classification |                                                        | STANTEC LABOR                |                                   |                                     |                          |                        |                                 |             |             | TOTAL STANTEC FEE by Subtask | TOTAL STANTEC FEE |
|----------------|--------------------------------------------------------|------------------------------|-----------------------------------|-------------------------------------|--------------------------|------------------------|---------------------------------|-------------|-------------|------------------------------|-------------------|
| WBS            | Rate/Hr                                                | Sr. Advisor / Technical Lead | Principal Engineer / Scientist II | Senior Project Engineer / Scientist | Staff Engineer/Scientist | Contract Administrator | Administrative Assistant/Typist | TOTAL HOURS | TOTAL LABOR |                              |                   |
|                |                                                        | \$362.00                     | \$318.00                          | \$249.00                            | \$162.00                 | \$183.00               | \$124.00                        |             |             |                              |                   |
| Task 1         | CatSim 3 Modeling                                      | 12                           | 105                               | 200                                 | 250                      | 0                      | 0                               | 567         |             | \$128,034                    |                   |
| 1.1            | Base Model Review and Selection                        | 12                           | 45                                | 40                                  | 40                       |                        |                                 | 137         | \$35,094    | \$35,094.00                  |                   |
| 1.2            | Existing Conditions (No Project and Proposed Project)  |                              | 12                                | 60                                  | 110                      |                        |                                 | 182         | \$36,576    | \$36,576.00                  |                   |
| 1.3            | Future Conditions (No Project and Proposed Project)    |                              | 16                                | 40                                  | 40                       |                        |                                 | 96          | \$21,528    | \$21,528.00                  |                   |
| 1.4            | Additional Scenarios (No Project and Proposed Project) |                              | 16                                | 40                                  | 40                       |                        |                                 | 96          | \$21,528    | \$21,528.00                  |                   |
| 1.5            | Results Analysis and QA-QC                             |                              | 16                                | 20                                  | 20                       |                        |                                 | 56          | \$13,308    | \$13,308.00                  |                   |
| Task 2         | DSM2 Modeling                                          | 0                            | 52                                | 91                                  | 226                      | 0                      | 0                               | 369         |             | \$75,807                     |                   |
| 2.1            | Existing Conditions (No Project and Proposed Project)  |                              | 12                                | 25                                  | 61                       |                        |                                 | 98          | \$19,923    | \$19,923.00                  |                   |
| 2.2            | Future Conditions (No Project and Proposed Project)    |                              | 12                                | 25                                  | 55                       |                        |                                 | 92          | \$18,951    | \$18,951.00                  |                   |
| 2.3            | Additional Scenarios (No Project and Proposed Project) |                              | 12                                | 25                                  | 55                       |                        |                                 | 92          | \$18,951    | \$18,951.00                  |                   |
| 2.4            | Results Analysis and QA-QC                             |                              | 16                                | 16                                  | 55                       |                        |                                 | 87          | \$17,982    | \$17,982.00                  |                   |
| Task 3         | Report Update                                          | 16                           | 47                                | 50                                  | 152                      | 0                      | 32                              | 297         |             | \$61,780                     |                   |
| 3.1            | Report Update Draft                                    | 8                            | 38                                | 40                                  | 100                      |                        | 16                              | 202         | \$43,124    | \$43,124.00                  |                   |
| 3.2            | Report Update Final                                    | 8                            | 9                                 | 10                                  | 52                       |                        | 16                              | 95          | \$18,656    | \$18,656.00                  |                   |
| Task 4         | Project Management                                     | 0                            | 34                                | 27                                  | 0                        | 23                     | 0                               | 84          |             | \$21,744                     |                   |
| 4.1            | Project Management and Coordination                    |                              | 34                                | 27                                  |                          | 23                     |                                 | 84          | \$21,744    | \$21,744.00                  |                   |
|                | Total, Hours                                           | 28                           | 238                               | 368                                 | 628                      | 23                     | 32                              | 1,317       |             |                              |                   |
|                | TOTAL FEE                                              | \$10,136                     | \$75,684                          | \$91,632                            | \$101,736                | \$4,209                | \$3,968                         |             | \$287,365   | \$287,365                    |                   |

**2026 Fee Schedule**

**STANTEC FEE SCHEDULE 2026**

| <b>CLASSIFICATION</b>                                | <b>HOURLY/ UNIT RATE</b>       |
|------------------------------------------------------|--------------------------------|
| <b>Consultant: Stantec Consulting Services, Inc.</b> |                                |
| Sr. Advisor / Technical Lead                         | \$362.00                       |
| Principal Engineer / Scientist II                    | \$318.00                       |
| Principal Engineer / Scientist I                     | \$281.00                       |
| Senior Project Engineer/Scientist                    | \$249.00                       |
| Project Engineer/Scientist                           | \$227.00                       |
| Supervising Engineer/Scientist                       | \$205.00                       |
| Senior Engineer / Scientist                          | \$183.00                       |
| Staff Engineer/Scientist                             | \$162.00                       |
| Junior Engineer/Scientist                            | \$135.00                       |
| Senior GIS/CAD/Graphics                              | \$173.00                       |
| GIS/CAD/Graphics                                     | \$135.00                       |
| Principal Public Affairs Specialist                  | \$302.00                       |
| Senior Public Affairs Specialist                     | \$200.00                       |
| Public Affairs Specialist I                          | \$173.00                       |
| Editor                                               | \$162.00                       |
| Contract Administrator                               | \$183.00                       |
| Administrative Assistant/Typist                      | \$124.00                       |
| <b>ADDITIONAL FEES</b>                               |                                |
| Mileage Rate per mile                                | Billed at prevailing IRS rates |
| Markup on expenses                                   | 10%                            |
| Markup on subconsultants                             | 10%                            |

*\*Rates escalate 4% on January 1 of each calendar year*

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# NOTICE OF CANCELLATION

THE REGULAR MEETING OF  
THE BOARD OF DIRECTORS OF  
STOCKTON EAST WATER DISTRICT  
SCHEDULED FOR

**TUESDAY, NOVEMBER 10, 2026  
AT 12:30 P.M.**

6767 EAST MAIN STREET  
STOCKTON, CALIFORNIA 95215

# HAS BEEN CANCELLED

THE NEXT REGULAR  
MEETING OF THE  
BOARD OF DIRECTORS  
IS SCHEDULED FOR  
TUESDAY,  
NOVEMBER 17, 2026  
AT 12:30 P.M.

### Certification of Posting

I hereby certify that on November 5, 2026 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 November 5, 2026.

**DRAFT**

Priya Ram, Director of Finance & Administration  
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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**DATE: August 04, 2026****TITLE: North & South Stockton MOV Upgrade Project****SUBJECT: Consider Approval of Contract Award for Construction of North & South Stockton MOV Upgrade****Executive Summary**

The District received three bids for the Control Vault Butterfly Valve and Actuator Replacement Project, Phase II, which replaces the original 1970s-era 48" North Stockton (MOV2) butterfly valve and actuator and retrofits the 42" South Stockton (MOV4) valve with a new gearbox and actuator. Both valves are essential for controlling and isolating treated water deliveries to the City of Stockton. The Project relocates the electric actuators and local controls above ground, eliminating the confined space entry that currently requires multiple staff members for routine flow adjustments and repairs. The valves, actuators, and associated equipment were purchased under Board authorization on July 23, 2024.

Bids ranged from \$283,955 to \$398,968 against an engineering estimate of approximately \$345,000. Staff reviewed the bid documents and determined Mountain Cascade to be the lowest responsive and responsible bidder at \$283,955, which is within the \$500,000 allocated in the Fiscal Year (FY) 2026-2027 budget. Construction requires a pipeline shutdown not to exceed 10 calendar days, scheduled for January 19 through January 29, 2027, consistent with the District's agreement with the Urban Contractors to perform maintenance between November and February.

Staff respectfully recommends the Board authorize the General Manager to execute a contract with Mountain Cascade in the amount of \$283,955, plus a 10 percent contingency of \$28,396, for a total Board approval of \$312,351 and execute any additional necessary documents.

**Background**

The District is implementing the Project as part of the 2023 Strategic Plan, to proactively address infrastructure maintenance, rehabilitate the District's critical assets, and increase water supply resiliency. The 48" North Stockton (MOV2) and 42" South Stockton (MOV4) butterfly valves provides crucial flow control for conveying treated drinking water to the City of Stockton's distribution systems and for isolation when needed for routine maintenance shutdowns or repairs. Currently, the valves and electric actuators are housed in underground concrete vaults, requiring multiple District staff members to be present for a manual flow rate adjustment or repair due to the confined space entry. MOV2 is original from the 1970s and is past its useful life and the Project includes complete valve and actuator replacement. MOV4 was installed around 2006 and still has useful life remaining, thus the valve will be retrofitted with a new gearbox to facilitate connection of new mechanical extension pieces to bring the new electric actuator above ground and out of the vault. On July 23, 2024, the Board approved the purchase of the 48" valve, electric actuators, and associated equipment.

Staff began advertising for construction bids via Planet Bids on June 15<sup>th</sup>, with a pre-bid meeting on June 22<sup>nd</sup> and bids due on July 13<sup>th</sup>. The advertisement included the following scope of work:

Excavation, backfill and compaction, dewatering of 42", 48" and 60" pipelines, disinfection and pipeline isolation without an existing or functioning isolation valve by means of installing weld-on line stops and hot tapping. Line stop on 48" pipeline to have a concrete thrust block and new blow off (minimum 6" diameter). Demolition and disposal of the existing MOV2 48" BFV and existing electric actuator. Demolition and disposal of the existing MOV4 electric actuator. Retrofit existing 42" MOV4 BFV with new gearbox adaption kit and install new electric actuator. Installation of the new automated MOV2 48" BFV and new electric actuator. Core drilling of the existing MOV2 and MOV4 Valve Vaults, installation of new floor stand pedestals and new mechanical extensions to bring the new electric actuators and local controls outside of the vault and above grade. Pull power, signal and control wires from existing disconnect stands adjacent to valve vaults to new MOV2 and MOV4 electric actuators. Install conduits as necessary, program actuators and set maximum limits, make system fully functional. The valve, actuators, mechanical extensions and floor stand pedestal and gearbox adaption kit have been purchased by the District.

The Project requires a shutdown on the 48" North Stockton and 42" South Stockton Conveyance Pipelines scheduled to begin Tuesday, January 19<sup>th</sup>, 2027 and return to operational service on Friday, January 29<sup>th</sup>, 2027. Shutdown not to exceed 10 calendar days. In accordance with the District's agreement with the Urban Contractors, "...all maintenance, to the extend practical, shall be undertaken from November to February..."

### **Summary**

The construction bids received by the District are shown in **Table 1**. The Engineering Estimate is approximately \$345,000.

| <b>Contractor Name</b>     | <b>Bid Amount</b> |
|----------------------------|-------------------|
| Mountain Cascade           | \$283,955.00      |
| TNT Industrial Contractors | \$367,975.00      |
| Con-Quest Contractors      | \$398,968.00      |

**Table 1: Contractor Bids**

Staff reviewed the bid documents and found Mountain Cascade to be the lowest responsive and responsible bidder.

### **Financial Impact**

The District currently has \$500,000 allocated for the Project within the FY2026-2027 budget under Fund 94 M&I 10-5323 Capital Projects: Control Vault BFV and Actuator Replacements Phase II. The bid from Mountain Cascade is within the Project budget.

### **Staff Recommendation**

Staff respectfully recommends the Board authorize the General Manager to execute a contract with Mountain Cascade in the amount of \$283,955, plus a 10 percent contingency of \$28,396, for a total Board approval of \$312,351 and execute any additional necessary documents.

**Staff Responsible for Report**

David Strohm  
David Strohm, Associate Engineer

Date: 08/04/26

Darrel Evensen  
Darrel Evensen, District Engineer

Date: 08/04/26

Juan Vega  
Juan Vega, Assistant General Manager

Date: 08/04/26

Justin M. Hopkins  
Justin M. Hopkins, General Manager

Date: 08/04/26

**Attachments**

1. None

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| <b>Weekly Water Report</b>          |                | As of:<br>July 28, 2026 | As of:<br>August 4, 2026 |
|-------------------------------------|----------------|-------------------------|--------------------------|
| <b>New Hogan (NHG) TOC</b>          | <b>317,100</b> |                         | <b>AF</b>                |
| Storage:                            | 182,698        |                         | AF                       |
| Net Storage Change:                 | 3,360          |                         | AF                       |
| Inflow:                             | 30             |                         | CFS                      |
| Release:                            | 222            |                         | CFS                      |
| <b>New Melones (NML) Allocation</b> | <b>75,000</b>  |                         | <b>AF</b>                |
| Storage:                            | 1,625,764      |                         | AF                       |
| Net Storage change:                 | 16,743         |                         | AF                       |
| Inflow:                             | 709            |                         | CFS                      |
| Release:                            | 2,078          |                         | CFS                      |
| <b>Source: CDEC Daily Reports</b>   |                |                         |                          |

|                                                |       |  |     |
|------------------------------------------------|-------|--|-----|
| <b>Goodwin Diversion (GDW)</b>                 |       |  |     |
| Inflow (Tulloch Dam):                          | 2,231 |  | CFS |
| Release to Stanislaus River (S-98):            | 255   |  | CFS |
| Release to OID (JT Main):                      | 957   |  | CFS |
| Release to SSJID (SO Main):                    | 448   |  | CFS |
| Release to SEWD & CSJWCD:                      | 290   |  | CFS |
| Total Release                                  | 1,950 |  | CFS |
| <b>Source: Tri-Dam Operations Daily Report</b> |       |  |     |
| <b>Farmington Dam (FRM)</b>                    |       |  |     |
| Diverted to SEWD:                              | 115   |  | CFS |
| Diverted to CSJWCD:                            | 165   |  | CFS |

|                                   |    |  |     |
|-----------------------------------|----|--|-----|
| <b>Surface Water Used</b>         |    |  |     |
| Irrigators on New Hogan:          | 44 |  |     |
| Irrigators on New Melones:        | 4  |  |     |
| Out-Of-District Irrigators:       | 2  |  |     |
| DJWWTP Production:                | 56 |  | MGD |
| North Stockton:                   | 12 |  | MGD |
| South Stockton:                   | 8  |  | MGD |
| Cal Water:                        | 24 |  | MGD |
| City of Stockton DWSP Production: | 20 |  | MGD |

|                                         |   |  |     |
|-----------------------------------------|---|--|-----|
| <b>District Ground Water Extraction</b> |   |  |     |
| 74-01                                   | 0 |  | GPM |
| 74-02                                   | 0 |  | GPM |
| North                                   | 0 |  | GPM |
| South                                   | 0 |  | GPM |
| Extraction Well # 1                     | 0 |  | GPM |
| Extraction Well # 2                     | 0 |  | GPM |
| Total Well Water Extraction             | 0 |  | GPM |
| Total Ground Water Production           | 0 |  | MGD |

**Note:**

**\*\*The data reported here is available as of 07/26/26**

**\*The data reported here is available as of 07/27/26**

**All other flow data reported here is preliminary, as of 9:00 a.m. on 07/28/26**

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## About the District

# 1994

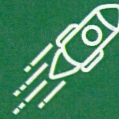
District has received surface water for agricultural deliveries every water year, with the exception of 2015 and 2022

# 1958

Central San Joaquin Water Conservation District formed

# 73,000

District total acres (approximate)



## Mission

Protect the groundwater supply for all, now and for the future by importing supplemental surface water.



## We Have Moved!

New office location:  
1900 McHenry Ave., Suite 305,  
Escalon, CA 95320

Important Water Updates for Our Growers Enclosed

STOCKTON EAST WATER DISTRICT

\*\*\*\*\*AUTO\*\*SCH 5-DIGIT 95205 2 2 6  
Stockton East Water District  
PO Box 5157  
Stockton CA 95205-0157

JUL 20 2026

RECEIVED

Escalon, CA 95320

PO Box 112

CENTRAL SAN JOAQUIN  
WATER CONSERVATION  
DISTRICT



PRSRT STD  
U.S. POSTAGE  
**PAID**  
FRESNO, CA  
PERMIT NO. 220

## 2026 Water Supply Updates: What you need to know

### 49,000

Acre-Feet Allocated  
by the U.S. Bureau of  
Reclamation

### \$62.50

Per Acre-Foot  
Surface Water Rate

### May 26

Surface Water Orders  
Opened

## Order Irrigation Delivery:

1. Complete the Customer Application and Agreement
2. Submit Deposit = \$62.50 x 1 AF per Irrigated Acre



[csjwcd.org/swa](http://csjwcd.org/swa)

Scan the QR Code to  
Start the Customer  
Application Process

Questions?  
Call (209) 466-7952

### ATTENTION:

## New Billing Process

Surface water billing is now a Deposit and True-up process.

Users sign up and agree to take surface water and submit a deposit.

In November-December, the District will issue a true-up accounting based on actual deliveries.

## Why Use Surface Water?

Since 1994, the District has delivered supplemental surface water to local agricultural lands to help reduce reliance on groundwater pumping and protect the long-term health of our groundwater basin. As groundwater management continues to evolve under the Sustainable Groundwater Management Act (SGMA), **surface water will play an increasingly important role in maintaining a reliable water supply for agriculture across the region.**

Using surface water when available instead of groundwater:

- Protects agricultural productivity
- Improves water reliability for farming long-term
- Reduces pumping costs by supporting groundwater levels
- Supports long-term aquifer health

## Incentives to Reduce Groundwater Dependence

### Ensure Your Farm's Long-Term Water Availability & Access With Surface Water Delivery Improvements

The Capital Improvement Program (CIP) provides financial incentives for projects that allow landowners to use surface water on acreage currently dependent on groundwater. Projects may include:

- Pump stations
- Surface water delivery infrastructure
- Pipelines
- Other Board-approved improvements

## 2026 Program Incentive

**\$20 per acre-foot annual surface water credit for up to 10 years (\$300/acre total allowable credit).**

### IMPORTANT: APPLY BEFORE YOU BUILD!

#### Thinking About a Project?

CIP applications are reviewed on a rolling basis.

Applications, plans, and specifications must be reviewed and approved by the Board prior to starting construction.



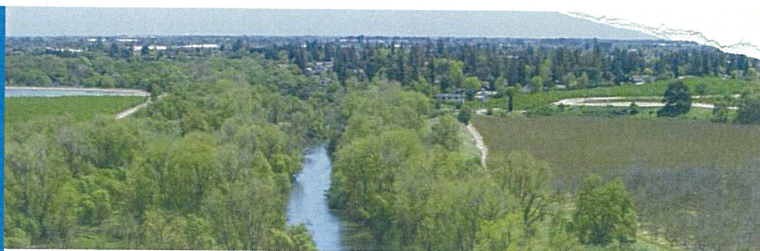
[csjwcd.org/cip](https://csjwcd.org/cip)

Scan the QR code to start CIP application  
Need Help? Call (209) 466-7952

## Grants for Growers on the Horizon:

A \$2 million grant would pay growers directly for on-farm water efficiency improvements.

The District, along with four partners submitted a State Water Efficiency and Enhancement Program (SWEEP) Block Grant proposal in May. Stay tuned and look for an update from the District this fall on the grant award status.



## Shoring Up Groundwater Resources Requires Collective Action

For decades, groundwater levels in the Eastern San Joaquin Subbasin have declined because of chronic over-pumping. As a result, the Subbasin has been designated by the State as one of California's 21 critically overdrafted subbasins tasked with solving overdraft conditions and achieving sustainable groundwater by 2040 under the Sustainable Groundwater Management Act (SGMA).

Today, the Subbasin is estimated to operate at an average annual groundwater supply deficit of approximately 90,000 – 95,000 acre-feet. While groundwater conditions vary across the Subbasin, this number highlights **there is a need for long-term solutions that reduce reliance on groundwater pumping.**

#### Key Facts:

- 90,000 – 95,000 acre-feet average annual groundwater deficit
- The Eastern San Joaquin Groundwater Authority includes 16 local Groundwater Sustainability Agencies (GSAs), including Central San Joaquin Water Conservation District (WCD), working together under one Groundwater Sustainability Plan
- Since 1994, Central San Joaquin WCD has delivered supplemental surface water to local agricultural lands

### Solving Groundwater Overdraft

Closing the deficit takes both:



Increase  
Supply



Reduce  
Demand

## Not Using Surface Water?



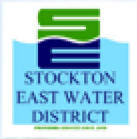
[csjwcd.org/swa](https://csjwcd.org/swa)

### Submit Your Customer Application and Agreement

Start reducing groundwater demand by irrigating with surface water. Scan the QR code to start the Customer

Questions?

Call (209) 466-7952



STOCKTON EAST WATER DISTRICT

# ANNUAL GROWER'S MEETING



SGMA



WATER SUPPLY  
RESILIENCE



WATER  
RATES

Agenda Item: G-1

Date: 08/04/26



WHEN:

JULY 29, 2026



TIME:

10:00 A.M.



WHERE:

LINDEN LIONS CLUB

5041 N. MARKET ST.

LINDEN, CA 95236



REFRESHMENTS  
WILL BE PROVIDED!



VISIT OUR WEBSITE:  
[WWW.SEWD.NET](http://WWW.SEWD.NET)



FOLLOW US ON LINKEDIN:  
STOCKTON EAST WATER DISTRICT

JOIN US TO  
GET INFORMED!

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# WATER EDUCATION FOUNDATION

2151 River Plaza Drive, Suite 205  
Sacramento, CA 95833  
Phone: 916-444-6240

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Rebecca Smith  
Downey Brand LLP  
Tama Snow  
Stantec Consulting Services Inc.  
Cora Tso  
Kyl Center for Water Policy

Justin Hopkins  
Stockton East Water District  
PO Box 5157  
Stockton, CA 95205

07/16/2026

Dear Justin,

The **Water Education Foundation** would like to express its sincere appreciation for your \$1,800.00 contribution for the year **2026**. We have included a copy of our recently published *Layperson's Guide to California Water*. Your ongoing support of our mission this year will allow us to continue raising awareness of water issues in California and across the West.

We have much to look forward to in 2026, especially as we gear up to celebrate the Foundation's 50th anniversary in 2027! Be sure to stay in the loop with our announcements as we share more information about the exciting initiatives and celebrations marking our milestone.

One of our most exciting projects this year will be replacing our 12-year-old website with a beautifully streamlined version that is mobile-adaptable. It will allow for a more intuitive experience as users conduct research, read our weekday newsfeed or water encyclopedia, and sign up for tours and events.

Here are a few things, other than our typical workshops and tours, that your donation is helping us to accomplish in 2026:

- Expand **Project WET** teacher training workshops throughout California.
- Provide free public access to our *Western Water* news coverage.
- Publish an update to our *Layperson's Guide on California Water* in English and, for the first time, in Spanish.
- Release an updated version of our **Klamath River map** that illustrates the nation's largest dam removal project in the watershed straddling Oregon and California.
- Organize **leadership programs in California and the Colorado River Basin** to educate and inspire the next generation to work collaboratively in solving critical water problems.

**Without you, none of this would be possible—thank you!** Your generosity drives our future as we look ahead to the Foundation's 50th anniversary in 2027.

To redeem your member benefits listed here [www.watereducation.org/memberbenefits](http://www.watereducation.org/memberbenefits), please reach out to Marilyn Lapkass at [mlapkass@watereducation.org](mailto:mlapkass@watereducation.org).

Sincerely,

Jennifer Bowles  
Executive Director

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