



22 E. Weber Avenue, Room 301 | Stockton, CA 95202 | (209) 937-7900 | www.sjafca.org

BOARD OF DIRECTORS

<u>City of Stockton</u> Kimberly Warmesley Dan Wright, Vice-Chair Alt. Susan Lenz	<u>Public Member</u> Mike Morowit	<u>San Joaquin County</u> Katherine M. Miller Chuck Winn, Chair Alt. Tom Patti
<u>City of Manteca</u> Jose Nuño Gary Singh	<u>Executive Director</u> Chris Elias	<u>City of Lathrop</u> Paul Akinjo Diane Lazard

BOARD MEETING – In Person Council Chamber – City Hall 425 N. El Dorado Street, Stockton THURSDAY, JANUARY 27, 2022 9:00 A.M.

1. CALL TO ORDER / ROLL CALL

2. PLEDGE TO FLAG

3. ELECTION OF OFFICERS

3.1) Elect a chair and vice-chair for the SJAFCA Board of Directors

3.2) Recognition of outgoing Chair

4. CONSENT ITEMS

4.1) Approve Minutes from the December 16, 2021, Board Meeting

5. NEW BUSINESS

5.1) Adopt Resolution to accept Independent Auditor's Report and Financial Statements for the fiscal year ending June 30, 2021

5.2) Consultant service agreements with Environmental Science Associates, Peterson Brustad Inc, and ENGEO Inc for Mossdale Tract Area Urban Flood Risk Reduction Preliminary Design Support

5.3) Authorize term extension of the lease agreement with the City of Stockton for Detention Basin No. 1

6. BRIEFINGS

6.1) Strategic Plan Update

7. ORAL REPORT FROM EXECUTIVE DIRECTOR

7.1) EIFD/OAD Update

8. PUBLIC COMMENTS

9. BOARD QUESTIONS, COMMENTS, ACTIONS

10. CLOSED SESSION

10.1) Dominick Gulli v. San Joaquin Area Flood Control Agency
Case No. STK-CV-UWM-2015-0011880

10.2) San Joaquin Area Flood Control Agency v. Stockton Golf and Country Club Case No. STK-CV-UED-2019-11392

10.3) Public Employment pursuant to Government Code Section 54957(b)

11. ADJOURNMENT

In compliance with the Americans with Disabilities Act, the meeting room is wheelchair accessible and disabled parking is available. If you have a disability and need disability-related modifications or accommodations to participate in this meeting, please contact the Board's office at (209) 937-7900 or (209) 937-7115 (fax). Requests must be made one full business day before the start of the meeting.

Agenda Item 3.1

January 27, 2022

TO: San Joaquin Area Flood Control Agency

FROM: Chris Elias, Executive Director

SUBJECT: **ELECTING A CHAIR AND VICE-CHAIR FOR THE SJAFCA BOARD OF DIRECTORS**

RECOMMENDATION

It is recommended that the Board of Directors of the San Joaquin Area Flood Control Agency (SJAFCA) approve and adopt a resolution electing a Chair and Vice-Chair for the SJAFCA Board of Directors.

DISCUSSION

Background

On November 16, 2017, per SJAFCA Resolution No. 17-20, the Board approved SJAFCA's amended and restated Joint Exercise of Powers Agreement (JEPA) to include the following member agencies: City of Stockton, County of San Joaquin, San Joaquin County Flood Control and Water Conservation District, City of Lathrop and City of Manteca.

The amended and restated JEPA states that leadership of the Board should rotate on an annual basis, with the Chair position being held by the County, then Stockton, then Lathrop, then Manteca, with the rotation then repeated.

At the first Board meeting of 2018, held on February 26, then Chair Miller, County of San Joaquin and then Vice-Chair Andrade, City of Stockton were each re-elected for an additional one-year term to ensure continuity of leadership during the expansion of the SJAFCA to include additional member agencies.

At the first Board meeting of 2019, held on February 7, the election of officers resulted in Chair Andrade, City of Stockton, and Vice-Chair Singh, City of Manteca, both elected to one-year terms.

At the first Board meeting of 2020, held on January 16, the election of officers resulted in Chair Singh, City of Manteca, and Vice-Chair Winn, County of San Joaquin, both elected to one-year terms.

At the first Board meeting of 2021, held on January 28, the election of officers resulted in Chair Winn, County of San Joaquin and Vice-Chair Wright, City of Stockton, both elected to one-year terms.

Present Situation

It is recommended that the 2022 Chair be elected from the City of Stockton to serve one term in accordance with the Agency's JEPA. Since the JEPA does not provide direction as to the rotation of the Vice-Chair position, members of the Board are requested to nominate and vote for one of its current members to fill that position.

The positions of the 2022 Chair and Vice-Chair will become effective immediately after the Board takes action.

PREPARED BY: Leanne Randall

A handwritten signature in black ink, appearing to read "Chris", is written over a horizontal line.

APPROVED:
CHRIS ELIAS
EXECUTIVE DIRECTOR

ATTACHMENT: Historical Listing of Chair and Vice-Chair Appointments

CE:lr

**RESOLUTION NO. SJAFCA 22-01
SAN JOAQUIN AREA
FLOOD CONTROL AGENCY**

=====

**RESOLUTION ELECTING A CHAIR AND VICE-CHAIR FOR THE SAN JOAQUIN AREA
FLOOD CONTROL AGENCY BOARD OF DIRECTORS**

BE IT RESOLVED BY THE BOARD OF DIRECTORS OF THE SAN JOAQUIN AREA
FLOOD CONTROL AGENCY, AS FOLLOWS:

1. The Chair and the Vice-Chair are elected at the first scheduled Board meeting of the year. The Chair is elected based upon the rotation schedule (San Joaquin County, Stockton, Lathrop, Manteca, then repeat) in accordance with the Agency's Amended and Restated Joint Exercise of Powers Agreement. The Vice-Chair is elected among its members. There is no specified rotation schedule.
2. The Chair and the Vice-Chair will hold office for one year.
3. The following persons are hereby elected:

_____ CHAIR

_____ VICE-CHAIR

PASSED, APPROVED AND ADOPTED this 27th day of January, 2022

CHUCK WINN, Chair
Of the San Joaquin Area
Flood Control Agency

ATTEST:

CHRIS ELIAS, Secretary
of the San Joaquin Area
Flood Control Agency

APPROVED AS TO FORM:

SCOTT L. SHAPIRO, Legal Counsel
For the San Joaquin Area
Flood Control Agency

HISTORICAL LISTING						ATTACHMENT 1					
San Joaquin Area FLOOD CONTROL Agency						San Joaquin Area FLOOD CONTROL Agency					
CHAIR APPOINTMENTS						VICE-CHAIR APPOINTMENTS					
Year	Title	Name	Took Office	County/City	Resolution	Year	Title	Name	Took Office	County/City	Resolution
1995	Chair	Floyd Weaver	May 25, 1995		95-01	1995	Vice-Chair	George Barber	May 25, 1995		95-01
1996	Chair	Floyd Weaver	August 7, 1996		96-21	1996	Vice-Chair	George Barber	August 7, 1996		96-21
1997	Chair	George Barber	February 5, 1997		97-01	1997	Vice-Chair	Duane Isetti	February 5, 1997		97-01
1998	Chair	Duane Isetti	February 4, 1998		98-04	1998	Vice-Chair	Edward A. Simas	February 4, 1998		98-04
1999	Chair	Edward A. Simas	March 1, 1999		99-01	1999	Vice-Chair	Larry Ruhstaller	March 1, 1999		99-01
2000	Chair	Larry Ruhstaller	March 1, 2000	Stockton	00-01	2000	Vice-Chair	Jack Sieglock	March 1, 2000	SJ County	00-01
2001	Chair	Victor Mow	March 1, 2001	SJ County	01-03	2001	Vice-Chair	Richard F. Nickerson, M.D.	March 1, 2001	Stockton	01-03
2002	Chair	Larry Ruhstaller	March 1, 2002	Stockton	02-01	2002	Vice-Chair	Jack Sieglock	March 1, 2002	SJ County	02-01
2003	Chair	Jack Sieglock	March 1, 2003	SJ County	03-01	2003	Vice-Chair	Gary Giovanetti	March 1, 2003	Stockton	03-01
2004	Chair	Gary Giovanetti	March 1, 2004	Stockton	04-01	2004	Vice-Chair	Victor Mow	March 1, 2004	SJ County	04-01
2005	Chair	Victor Mow	March 1, 2005	SJ County	05-05	2005	Vice-Chair	Clem Lee	March 1, 2005	Stockton	05-05
2006	Chair	Clem Lee	March 1, 2006	Stockton	06-01	2006	Vice-Chair	Victor Mow	March 1, 2006	SJ County	06-01
2007	Chair	Victor Mow	March 1, 2007	SJ County	07-01	2007	Vice-Chair	Steve Bestolarides	March 1, 2007	Stockton	07-01
2008	Chair	Steve J. Bestolarides	March 1, 2008	Stockton	08-01	2008	Vice-Chair	Larry Ruhstaller	March 1, 2008	SJ County	08-01
2009	Chair	Frank L. Ruhstaller	March 1, 2009	SJ County	09-02	2009	Vice-Chair	Diana Lowery	March 1, 2009	Stockton	09-02
2010	Chair	Diana Lowery	January 20, 2010	Stockton	10-01	2010	Vice-Chair	Steve Bestolarides	January 20, 2010	SJ County	10-01
2011	Chair	Steve J. Bestolarides	January 26, 2011	SJ County	11-01	2011	Vice-Chair	Dale Fritchen	January 26, 2011	Stockton	11-01
2012	Chair	Dale Fritchen	February 1, 2012	Stockton	12-01	2012	Vice-Chair	Ken Vogel	February 1, 2012	SJ County	12-01
2013	Chair	Frank L. Ruhstaller	January 30, 2013	SJ County	13-01	2013	Vice-Chair	Katherine M. Miller	January 30, 2013	Stockton	13-01
2014	Chair	Katherine M. Miller	January 29, 2014	Stockton	14-01	2014	Vice-Chair	Steve Bestolarides	January 29, 2014	SJ County	14-01
2015	Chair	Katherine M. Miller	February 25, 2015	SJ County	15-01	2015	Vice-Chair	Elbert Holman	February 25, 2015	Stockton	15-01
2016	Chair	Elbert Holman	January 21, 2016	Stockton	16-01	2016	Vice-Chair	Carlos Villapudua	January 21, 2016	SJ County	16-01
2017	Chair	Katherine M. Miller	February 2, 2017	SJ County	17-01	2017	Vice-Chair	Jesús M. Andrade	February 2, 2017	Stockton	17-01
2018	Chair	Katherine M. Miller	February 26, 2018	SJ County	18-01	2018	Vice-Chair	Jesús M. Andrade	February 26, 2018	Stockton	18-01
2019	Chair	Jesús M. Andrade	February 7, 2019	Stockton	19-01	2019	Vice-Chair	Gary Singh	February 7, 2019	Manteca	19-01
2020	Chair	Gary Singh	January 16, 2020	Manteca	20-01	2020	Vice-Chair	Chuck Winn	January 16, 2020	SJ County	20-01
2021	Chair	Chuck Winn	January 17, 2020	SJ County	21-02	2021	Vice-Chair	Dan Wright	January 17, 2020	Stockton	21-02
2022	Chair					2022	Vice-Chair				

Agenda Item 4.1

MINUTES
SAN JOAQUIN AREA FLOOD CONTROL AGENCY
BOARD MEETING OF DECEMBER 16, 2021

STOCKTON, CALIFORNIA

1. CALL TO ORDER / ROLL CALL 9:03 AM

Roll Call

Present:

Director Akinjo
Director Miller
Director Morowit
Director Warmsley
Director Winn
Director Wright

Absent:

Director Singh
Director Nuño

Director Lazard was not present for Roll Call but arrived at 9:16 AM.

2. PLEDGE TO FLAG 9:04 AM

3. CONSENT ITEMS 9:04 AM

- 3.1) Approve Minutes from the October 14, 2021, Board meeting

PUBLIC COMMENT

- Dominick Gulli submitted his comments in writing and shared public comments during the meeting for all to hear.

Motion: To approve the minutes from the October 14, 2021 Board Meeting

Moved by: Director Wright, Seconded by Director Morowit

Vote: Motion carried 6-0

Yes: Director Akinjo, Director Miller, Director Morowit, Director Warmsley, Director Winn, Director Wright

Absent: Director Lazard, Director Nuño, Director Singh

- 3.2) Authorization to Pay Local Cost Share to the United States Army Corps of Engineers

PUBLIC COMMENT

- Dominick Gulli submitted his comments in writing and shared public comments during the meeting for all to hear.

Motion: To appropriate and authorize the Executive Director to pay the United States Army Corps of Engineers (USACE) the sum of \$154,052 being the first quarterly local cost share related to implementation of the Project Partnership agreement for design and construction of Lower San Joaquin River Project, Phase I

Moved by: Director Wright, Seconded by Director Morowit

Vote: Motion carried 6-0

Yes: Director Akinjo, Director Miller, Director Morowit, Director Warmesley, Director Winn, Director Wright
Absent: Director Lazard, Director Nuño, Director Singh

4. NEW BUSINESS 9:14 AM

4.1) SJAFCA Regular Board Meeting Schedule for 2022

PUBLIC COMMENT

- Dominick Gulli submitted his comments in writing and shared public comments during the meeting for all to hear.

Motion: To accept the 2022 monthly meeting schedule as presented
Moved by: Director Wright, Seconded by Director Miller
Vote: Motion carried 6-0
Yes: Director Akinjo, Director Miller, Director Morowit, Director Warmesley, Director Winn, Director Wright
Abstain: Director Lazard
Absent: Director Nuño, Director Singh

4.2) Memorandum of Understanding between Stockton East Water District, the California State Department of Water Resources, and San Joaquin Area Flood Control Agency for the acquisition of borrow material for Lower San Joaquin River TS_30_L

PUBLIC COMMENT

- Dominick Gulli submitted his comments in writing and shared public comments during the meeting for all to hear.

Motion: To authorize the Executive Director to execute a Memorandum of Understanding between Stockton East Water District, California State Department of Water Resources, and San Joaquin Area Flood Control Agency for the acquisition of borrow material to construct a new for Lower San Joaquin River levee at Tenmile slough TS_30_L
Moved by: Director Morowit, Seconded by Director Warmesley
Vote: Motion carried 7-0
Yes: Director Akinjo, Director Lazard, Director Miller, Director Morowit, Director Warmesley, Director Winn, Director Wright
Absent: Director Nuño, Director Singh

4.3) Memorandum of Understanding between SJAFCA and a local coalition on the combined Paradise Cut Expansion and South Delta Restoration Project

PUBLIC COMMENT

- Dominick Gulli submitted his comments in writing and shared public comments during the meeting for all to hear.

Motion: To authorize the Chairman of the Board to sign a Memorandum affirming the SJAFCA as Project Lead on the combined Paradise Cut Expansion and South Delta Restoration Project, after the MOU has been executed by designated representatives of the South Delta Water Agency, American Rivers, the San Joaquin County Resource Conservation District, and at least two of the South Delta reclamation districts

Moved by: Director Miller, Seconded by Director Wright

Vote: Motion carried 6-0

Yes: Director Akinjo, Director Lazard, Director Miller, Director Morowit, Director Winn, Director Wright

Absent: Director Warmesley, Director Nuño, Director Singh

Director Warmesley departed the meeting at 9:56 AM.

4.4) Funding agreement between the California Department of Water Resources and SJAFCA as project lead on the combined Paradise Cut Expansion and South Delta Restoration Project

PUBLIC COMMENT

- Dominick Gulli submitted his comments in writing and shared public comments during the meeting for all to hear.

Motion: To direct staff to negotiate and enter into a funding agreement with the California Department of Water Resources to finance the combined Paradise Cut Expansion and South Delta Restoration Project and to authorize staff to transfer seed money of up to \$100,000 from the Mossdale Tract funds to begin implementation of the funding agreement with DWR until such time as reimbursements from the state is sufficient to pay off the transfer to ensure the project moves forward with local support.

Moved by: Director Miller, Seconded by Director Morowit

Vote: Motion carried 6-0

Yes: Director Akinjo, Director Lazard, Director Miller, Director Morowit, Director Winn, Director Wright

Absent: Director Warmesley, Director Nuño, Director Singh

5. STRATEGIC PLANNING 10:26 AM

Nothing to report.

6. ORAL REPORT FROM EXECUTIVE DIRECTOR 10:26 AM

- A.) Update on Smith Canal Project, presented by C. Nuedeck of KSN, the Construction Manager.

PUBLIC COMMENT

- Dominick Gulli submitted his comments in writing and shared public comments during the meeting for all to hear.
- B.) Smith Canal Gate Litigation Cost, presented by D. Clark

7. PUBLIC COMMENTS 10:50 AM

PUBLIC COMMENT

- Dominick Gulli submitted his comments in writing and shared public comments during the meeting for all to hear.

8. BOARD QUESTIONS, COMMENTS, ACTIONS 10:56 AM

No questions, comments, or actions from the members of the Board.

PUBLIC COMMENT

- Dominick Gulli submitted his comments in writing and shared public comments during the meeting for all to hear.

9. CLOSED SESSION 11:11 AM

9.1) Dominick Gulli v. San Joaquin Area Flood Control Agency Case No. STK-CV-UWM-2015-0011880

- Report Out from Closed Session: Nothing to report; Briefed the Board on the status of this case.

9.2) San Joaquin Area Flood Control Agency v. Stockton Golf and Country Club No. STK-CV-UED-2019-11392

- Report Out from Closed Session: Waiting on final signatories from the mortgage companies and then this matter will be concluded.

9.3) ANTICIPATED LITIGATION Pursuant to Government Code Section 54956.9(d)(2): Three potential cases

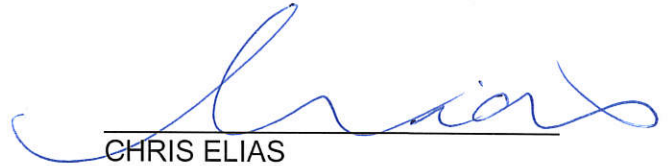
- Report Out from Closed Session: Nothing to report.

10. ADJOURNMENT 12:00 PM

The meeting adjourned at 12:00 PM. The next meeting is scheduled for January 27, 2022, at 9:00 AM.

IMPORTANT NOTICE

In compliance with the Americans with Disabilities Act (ADA), the meeting room is wheelchair accessible and disabled parking is available. Requests from individuals who require special accommodations to access and/or participate in the San Joaquin Area Flood Control Agency Board meetings to please contact staff at (209) 937-8211, at least one full business day before the scheduled SJAFCA Board Meeting.



CHRIS ELIAS
EXECUTIVE DIRECTOR
SAN JOAQUIN AREA FLOOD
CONTROL AGENCY

December 16, 2021 SJAFCA Meeting Minutes

Agenda Item 5.1

January 27, 2022

TO: San Joaquin Area Flood Control Agency

FROM: Chris Elias, Executive Director

SUBJECT: **INDEPENDENT AUDITOR'S REPORT AND FINANCIAL STATEMENTS FOR
THE FISCAL YEAR ENDING JUNE 30, 2021**

RECOMMENDATION

It is recommended the Board of Directors of the San Joaquin Area Flood Control Agency (Agency) adopt a resolution accepting the Independent Auditor's Report and Financial Statements for the fiscal year ending June 30, 2021.

DISCUSSION

Background

Each year an independent audit of SJAFCA's financial records is performed by a Certified Public Accounting firm.

Results of the Agency's audits are shared with the Board of Directors, and a copy of the audit report is made available on the Agency's web site for public view at <https://www.sjafca.com/finances.php>.

Present Situation

The independent audit firm of Schwartz, Gianinni, Lantsberger and Adamson Accountancy Corporation completed its review of the Agency's financial statements for the fiscal year ended June 30, 2021 and has issued an unmodified or "clean" audit opinion. There were no material weaknesses and no significant deficiencies to report.

The audit was conducted in accordance with generally accepted accounting principles in the United States of America (GAAP) and the standards for financial audits contained in Government Auditing Standards issued by the Comptroller of the United States. Those standards require that the auditor plan and perform the audit to obtain reasonable assurance about whether the financial statements are free of material misstatement.

The opinion contained in the Independent Auditor's Report validates the fair presentation of the Agency's financial statements as of June 30, 2021 and opines that the financial statements are presented fairly in all material respects and are in conformity with GAAP.

The Audited Financial Report will be incorporated into SJACA's Continuing Disclosure report filed as part of the Agency's outstanding Assessment Bonds and posted on District's website.

Staff recommends the Board adopt a resolution accepting the Independent Auditor's Report and the Annual Financial Statements for the fiscal year ended June 30, 2021.

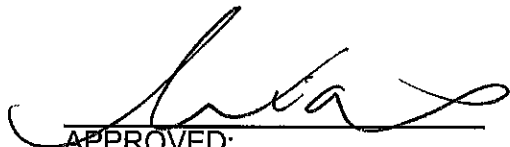
**INDEPENDENT AUDITOR'S REPORT AND FINANCIAL STATEMENTS FOR THE
FISCAL YEAR ENDING JUNE 30, 2021**

(Page 2)

FISCAL IMPACT

This is an informational item only. There is no net budgetary impact as a result of the Board's approval of staff's recommendation.

PREPARED BY: Doug Clark, Finance and Administrative Services Manager

A handwritten signature in black ink, appearing to read "Chris Elias", is written over a horizontal line.

APPROVED:
CHRIS ELIAS
EXECUTIVE DIRECTOR

CE:DC

Attachment – Annual Audited Financial Statements FY 2021

SAN JOAQUIN AREA FLOOD CONTROL AGENCY
FINANCIAL STATEMENTS
JUNE 30, 2021

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INDEPENDENT AUDITORS' REPORT

To the Board of Directors
San Joaquin Area Flood Control Agency
Stockton, California

We have audited the accompanying financial statements of the governmental activities and each major fund, and the aggregate remaining fund information of the San Joaquin Area Flood Control Agency (the "Agency"), as of and for the year ended June 30, 2021, and the related notes to the financial statements, which collectively comprise the Agency's basic financial statements as listed in the table of contents.

Management's Responsibility for the Financial Statements

Management is responsible for the preparation and fair presentation of these financial statements in accordance with accounting principles generally accepted in the United States of America; this includes the design, implementation, and maintenance of internal control relevant to the preparation and fair presentation of financial statements that are free from material misstatement, whether due to fraud or error.

Auditors' Responsibility

Our responsibility is to express an opinion on these financial statements based on our audit. We conducted our audit in accordance with auditing standards generally accepted in the United States of America and the standards applicable to financial audits contained in *Government Auditing Standards*, issued by the Comptroller General of the United States. Those standards require that we plan and perform the audit to obtain reasonable assurance about whether the financial statements are free of material misstatement.

An audit involves performing procedures to obtain audit evidence about the amounts and disclosures in the financial statements. The procedures selected depend on the auditor's judgment, including the assessment of risks of material misstatement of the financial statements, whether due to fraud or error. In making those risk assessments, the auditor considers internal control relevant to the Agency's preparation and fair presentation of the financial statements in order to design audit procedures that are appropriate in the circumstances, but not for the purpose of expressing an opinion on the effectiveness of the Agency's internal control. Accordingly, we express no such opinion. An audit also includes evaluating the appropriateness of accounting policies used and the reasonableness of significant accounting estimates made by management, as well as evaluating the overall presentation of the financial statements.

We believe that the audit evidence we have obtained is sufficient and appropriate to provide a basis for our audit opinion.

Philip Lantsberger, CPA
Robert Gross, CPA
Nikolas A. Torres, CPA

3461 Brookside Road
Suite E
Stockton, California 95219
Ph: 209.474.1084
Fx: 209.474.0301
www.sglacpas.com

Opinion

In our opinion, the financial statements referred to above present fairly, in all material respects, the respective financial position of the governmental activities, each major fund, the aggregate remaining fund information of the Agency, as of June 30, 2021, and the respective changes in financial position thereof for the year then ended in accordance with accounting principles generally accepted in the United States of America.

Other Matters

Required Supplementary Information

Accounting principles generally accepted in the United States of America require that the management's discussion and analysis and budgetary comparison information on pages 3-10 and 29-35, respectively, be presented to supplement the basic financial statements. Such information, although not a part of the basic financial statements, is required by the Governmental Accounting Standards Board, who considers it to be an essential part of financial reporting for placing the basic financial statements in an appropriate operational, economic, or historical context. We have applied certain limited procedures to the required supplementary information in accordance with auditing standards generally accepted in the United States of America, which consisted of inquires of management about the methods of preparing the information and comparing the information for consistency with management's responses to our inquiries, the basic financial statements, and other knowledge we obtained during our audit of the basic financial statements. We do not express an opinion or provide any assurance on the information because the limited procedures do not provide us with sufficient evidence to express an opinion or provide any assurance.

Other Reporting Required by Government Auditing Standards

In accordance with *Government Auditing Standards*, we have also issued our report dated December 6, 2021, on our consideration of the Agency's internal control over financial reporting and on our tests of its compliance with certain provisions of laws, regulations, contracts, and grant agreements and other matters. The purpose of that report is solely to describe the scope of our testing of internal control over financial reporting and compliance and the results of the testing and not to provide an opinion on the effectiveness of the Agency's internal control over financial reporting or on compliance. That report is an integral part of an audit performed in accordance with *Government Auditing Standards* in considering the Agency's internal control over financial reporting and compliance.

A handwritten signature in blue ink that reads "Schwatz, Giannini, Lantberger & Adamson". The signature is written in a cursive, flowing style.

Stockton, California
December 6, 2021

SAN JOAQUIN AREA FLOOD CONTROL AGENCY

MANAGEMENT'S DISCUSSION AND ANALYSIS

JUNE 30, 2021

This section of the San Joaquin Area Flood Control Agency's (the Agency) annual financial report represents a discussion and analysis of the Agency's financial performance during the fiscal year ended June 30, 2021. It should be read in conjunction with the Agency's basic financial statements following this section.

FINANCIAL HIGHLIGHTS

The Agency's Flood Protection Restoration Project (FPRP) does not receive assessment district or other financial proceeds due to the retirement of the assessment district bonds on September 2, 2011. Only the Maintenance and Operations assessments are collected annually for the FPRP as these flood protection improvements continue to be maintained.

The FPRP was included in Federal legislation and a Memorandum of Agreement (MOA) with the U.S. Army Corps of Engineers (USACE) was executed on March 2, 2002, which allows reimbursement for the Federal share of the Agency's project through the annual USACE budgeting process. Since the signing of the MOA with USACE, the Agency received \$22,868,020 through fiscal year 2010. The remaining \$10 million reimbursement was received during 2019 and as of June 30, 2021, the Agency has received \$32,933,185 of Federal reimbursement. The reimbursement from 2019 has been the source of funding for the first increment of local cost-share for design of the Lower San Joaquin River Project.

The State of California's share of the FPRP was received in 1998 and totaled \$12,625,000.

On July 10, 2013, the Agency formed the Smith Canal Area Assessment District (SCAAD). The district was created to provide the local cost share for constructing and maintaining improvements to remove the Smith Canal area from a Federal Emergency Management Agency (FEMA) Special Flood Hazard Area. Fiscal year 2020-21 is the seventh year of assessment collection for SCAAD.

The Agency executed a funding agreement with the State for an Early Implementation Program grant in the amount of \$2.4 million to cost share the design of the Smith Canal Gate project. The Agency also executed a funding agreement with the State for \$22.3 million to cost-share construction expenses through the State's Urban Flood Risk Reduction Program.

Effective January 1, 2018, the Agency amended and restated its Joint Exercise of Powers Agreement which expanded its boundaries to include the cities of Lathrop and Manteca. Prior to the 2018 amendment, membership of the JPA consisted of elected representatives from the City of Stockton, County of San Joaquin and the San Joaquin County Flood Control and Water Conservation District. This action was taken to implement a plan to provide improved flood protection for the Reclamation District 17 basin, also known as Mossdale Tract. A funding stream was created to support the Mossdale Tract Program, with the goal of achieving 200-year flood protection.

SAN JOAQUIN AREA FLOOD CONTROL AGENCY

MANAGEMENT'S DISCUSSION AND ANALYSIS

JUNE 30, 2021

On July 18, 2019, the Board of Directors adopted Resolution No. 19-29, entitled "A Resolution of the Board of Directors of the San Joaquin Area Flood Control Agency Approving the Form and Authorizing the Distribution of a Preliminary Official Statement in Connection with the Offering and Sale of Assessment District Revenue Bonds, Authorizing the Sale of the Bonds and Approving Related Documents and Actions". On May 20, 2020, the sale of the bonds netted \$23,257,457 deposit into the Project Fund (approx. \$950,000 more than estimated on April 30th at time of Contract Award). This amount of SJAFCA's debt represents bonds secured by the Smith Canal Area Assessment District.

During this fiscal year, Development Impact Fee revenue increased by \$4,687,214 due to increase in development fees from the Member Agency cities; City of Stockton fees collected were \$253,465, City of Manteca fees collected were \$980,250, and the City of Lathrop fees collected were \$3,453,499.

The Fiscal Year 2020-2021 Budget was adopted by SJAFCA Board of Directors on June 17, 2020. The budget supports SJAFCA's continuing efforts to address the region's flood control needs during the coming year and is consistent with the objectives of SJAFCA's current Strategic Plan. SJAFCA's Strategic Plan identifies the efforts which Agency will undertake to "reduce and manage the region's flood risk".

On December 17, 2020, the Board of Directors authorized the payment of \$504,654 to USACE for the local cost contribution in fulfillment of the terms of the Design Agreement and Local Design Agreement for advancing Phase I of Lower San Joaquin River Project, California. The design agreement specifically allowed USACE Sacramento District to begin the preconstruction, engineering, and design phase of the project.

OVERVIEW OF THE FINANCIAL STATEMENTS

The Agency's basic financial statements include: 1) Government-Wide Financial Statements, 2) Fund Financial Statements, and 3) Notes to Basic Financial Statements. Required Supplementary Information is included in addition to the basic financial statements.

Government-Wide Financial Statements provide an overview of the Agency's financial position. Refer to Note 2 (Notes to Basic Financial Statements) for further information on significant accounting policies. The Statement of Net Position presents information on all the Agency's assets and liabilities with the difference between the two reported as net position. The Statement of Activities presents information showing how net position changed during the most recent fiscal year.

The Agency's assets are distributed among different fund types. The Agency's assets are capital assets acquired or constructed as part of flood risk reduction improvements. The Agency's noncapital assets are cash and cash equivalents. The County of San Joaquin (the County) maintains the cash pools for the Agency and serves as its Treasurer.

SAN JOAQUIN AREA FLOOD CONTROL AGENCY

MANAGEMENT'S DISCUSSION AND ANALYSIS

JUNE 30, 2021

Historically, the Agency's assets were mostly derived from the original assessment and the proceeds of the bonds issued in 1996, and interest income on the balances from these assets. Other sources of funds included Flood Control Equalization Fees, which were collected for the Agency by the County and the City of Stockton when building permits were issued to new development within the Agency's original assessment district boundaries and did not include Lathrop and Manteca.

As part of the Stockton Metropolitan watershed, the Agency acquired the rights-of-way needed for the project from property owners and these are classified under assets as land. In 2003, the Agency transferred to the State of California all real property associated with the project. However, the Central Valley Flood Protection Board (formerly the State of California Reclamation Board) has not accepted the federally authorized project alluding i) the project was not authorized by the State legislature, and ii) the need for more formal indemnification assurance. When the Central Valley Flood Protection Board agrees to designate the project as part of the State Plan of Flood Control, the Agency will no longer carry these assets.

Fund Financial Statements are groupings of related accounts that are used to maintain control over resources that have been segregated for specific activities or objectives. The Agency, like other State and local governmental agencies, uses fund accounting, each fund having its own self-balancing accounts that comprise its assets, liabilities, fund balance, revenues, and expenditures. The Agency funds are divided into three categories: General Fund, Special Revenue Fund, and Capital Project Funds.

The General Fund accounts for funds loaned to the Agency in 1995 by the City of Stockton and the county for the initial funding of the project activities, as well as federal reimbursement for the flood project completed in 1998. The City of Stockton and County loans were paid, and, after the bond money was received, additional funds were created.

The Special Revenue Funds account for assessment district proceeds for maintenance and operations (M&O) of flood control structures for the Flood Protection Restoration Assessment District, and the local cost for design, construction, and maintenance of flood control improvements for the Smith Canal Area Assessment District. Assessments are collected as a line item in property tax bills and are deposited into a fund solely designated for the purpose of the assessment district. Other proceeds are collected through special fees or loan agreements and their use is restricted for the Mossdale Tract area to achieve compliance with Senate Bill 5.

The Capital Project Funds support the Agency's capital programs and operating costs. Resources are from the original assessments, Flood Control Equalization Fees, proceeds from the initial FPRP bond issue and interest income. Both Federal and State reimbursements are included in these funds.

Notes to Basic Financial Statements provided additional information essential to a full understanding of the data provided in the government-wide and fund financial statements.

Required Supplementary Information: In addition to the basic financial statements and accompanying notes, this report presents certain *required supplementary information*. This information includes a budgetary comparison schedule for the Agency's governmental funds.

SAN JOAQUIN AREA FLOOD CONTROL AGENCY

MANAGEMENT'S DISCUSSION AND ANALYSIS

JUNE 30, 2021

GOVERNMENT-WIDE FINANCIAL STATEMENTS ANALYSIS

The Agency applies Governmental Accounting Standards Board (GASB) Statement No. 34, *Basic Financial Statements- and Management's Discussion and Analysis-for State and Local Governments*. As noted earlier, net position provides an overview of the Agency's financial position.

The following table shows that the Agency's assets exceed liabilities by \$52,713,069 (\$78,476,649 - \$25,763,580) as of June 30, 2021, and net position decreased by \$7,345,919 (\$52,713,069 - \$60,058,988) compared with the prior year:

STATEMENTS OF NET POSITION

	<u>2021</u>	<u>2020</u>
ASSETS		
Current assets	\$ 42,738,033	\$ 49,971,900
Capital assets	35,738,616	36,639,734
TOTAL ASSETS	<u>78,476,649</u>	<u>86,611,634</u>
LIABILITIES		
Current liabilities	2,767,618	3,137,340
Noncurrent liabilities	22,995,962	23,415,306
TOTAL LIABILITIES	<u>25,763,580</u>	<u>26,552,646</u>
NET POSITION		
Net investment in capital assets	12,448,490	12,590,410
Restricted for capital improvements	5,071,488	5,242,167
Unrestricted	35,193,091	42,226,411
TOTAL NET POSITION	<u>\$ 52,713,069</u>	<u>\$ 60,058,988</u>

The Agency's capital net position for the year ended June 30, 2021: Land and Easements \$9,678,245 and Flood Control Infrastructure (net of depreciation) \$26,060,371 totaling \$35,738,616 represent approximately 45% of the Agency's total assets (see Capital Assets table on page 9). These capital assets are the flood control improvements constructed by the Agency and are considered assets belonging temporarily to the Agency. The following table identifies the changes in net position for the years ended June 30, 2021 and 2020:

SAN JOAQUIN AREA FLOOD CONTROL AGENCY
MANAGEMENT'S DISCUSSION AND ANALYSIS
JUNE 30, 2021

STATEMENT OF ACTIVITIES

	<u>2021</u>	<u>2020</u>
REVENUES		
Assessments	\$ 2,640,751	\$ 2,583,334
Aid from other government agencies	17,974,118	3,677,350
Investment earnings	70,825	491,796
Total revenue	<u>20,685,694</u>	<u>6,752,480</u>
EXPENSES		
Operation and maintenance	25,715,173	7,010,873
Agency management	1,436,186	1,300,015
Interest and other charges	880,254	460,044
Total expenses	<u>28,031,613</u>	<u>8,770,932</u>
Change in net position	<u>(7,345,919)</u>	<u>(2,018,452)</u>
NET POSITION		
Net position, beginning of year	60,058,988	62,077,440
Net position, end of year	<u>\$ 52,713,069</u>	<u>\$ 60,058,988</u>

The Agency receives revenues from sources which include M&O assessments, Smith Canal assessments, interest and investment income, and project reimbursements from the State and the Federal government. Other sources of revenue are received through partnership agreements with other local and government agencies to help fund flood studies or related flood control activities approved by the Board of Directors. The collection of M&O assessments can only be used to maintain and operate the FPRP flood control structures, and the collection of Smith Canal assessments can only be used to design, construct, and maintain the Smith Canal project improvements.

Revenues increased significantly from \$6,752,480 in fiscal year 2020 to \$20,685,694 in fiscal year 2021. The increase is largely due to an increase in Levee Impact Fees from urban growth in the Mossdale Tract Area in 2021.

Expenses increased from \$8,770,932 in fiscal year 2020 to \$28,031,613 in fiscal year 2021. The increase is associated with program activities and the first year of construction on the Smith Canal Gate.

SAN JOAQUIN AREA FLOOD CONTROL AGENCY

MANAGEMENT'S DISCUSSION AND ANALYSIS

JUNE 30, 2021

FINANCIAL ANALYSIS OF AGENCY FUNDS

The General Fund accounts for those funds loaned to the Agency in 1995 by the City of Stockton and the County for the initial funding of the FPRP activities, and the 2019 federal reimbursement received from the U.S. Army Corps of Engineers. The City of Stockton and County loans have since been paid. The Agency General Fund is used to offset some of the general operating costs that are not allocated to projects.

Special Revenue Funds Appropriate M&O assessments are collected annually through property taxes and are deposited in the Maintenance and Operations Fund. These monies are limited to M&O of the flood control structures built by the Agency. The annual budget for M&O is prepared in coordination with the San Joaquin County Public Works Department and approved by the Agency's Board of Directors.

A budget of \$1,209,963 which includes a \$100,000 contingency allocation for emergencies, was considered appropriate for fiscal year 2020-21 for M&O. The budget is impacted by requirements to comply with stringent levee standards imposed by regulatory agencies and growing vandalism to flood control structures by persons who encamp on the levees. The Maintenance and Operations Fund had a balance of approximately \$5.2 million on June 30, 2021.

Beginning fiscal year 2014-15, assessments for the SCAAD are collected annually through property taxes and are deposited into a separate fund for the design, construction, and maintenance of flood control improvements for the specially benefited parcels within SCAAD. The assessment is in compliance with all laws pertaining to Proposition 218 including Article XIII-D of the California Constitution. Assessment collection for fiscal year 2020-21 was \$1.69 million.

Capital Projects Funds These funds are available to meet the Agency's operating and capital program costs. Aside from Special Revenue Funds, and the General Fund, the Agency does not have long-term sustainable revenue sources in place to support Agency operations in the long-term.

INFRASTRUCTURE ASSETS

Capital Assets

The Agency's investment in capital assets as of June 30, 2021, is \$35,738,616. These capital assets include land (right-of-way acquired for the project) and flood control infrastructures. The area protected by the Agency is about 38,700 gross acres of land with approximately 74,000 parcels in the County. The Agency completed the main construction of the flood control improvements project in November 1998, and since then, no major construction has been undertaken. However, authorized project studies and investigations may lead to new projects. Apart from normal depreciation, there were no changes in capital assets during fiscal year ended June 30, 2021.

SAN JOAQUIN AREA FLOOD CONTROL AGENCY

MANAGEMENT'S DISCUSSION AND ANALYSIS

JUNE 30, 2021

CAPITAL ASSETS

(net of accumulated depreciation)

	<u>2021</u>	<u>2020</u>
Land and easements	\$ 9,678,245	\$ 9,678,245
Infrastructure assets, net	<u>26,060,371</u>	<u>26,961,489</u>
Total	<u>\$ 35,738,616</u>	<u>\$ 36,639,734</u>

Total accumulated depreciation as of June 30, 2021 is \$18,998,233. Therefore, the net infrastructure assets are \$26,060,371 (\$45,058,604 - \$18,998,233). The infrastructure assets are being depreciated over an estimated useful life of 50 years.

As noted earlier, these capital assets are the flood control improvements constructed by the Agency and are considered assets belonging temporarily to the Agency. Land acquired by the Agency for the right-of-way purposes was turned over to the Central Valley Flood Projection Board; however, the Central Valley Flood Projection Board has not accepted the federally authorized project. Therefore, when the Central Valley Flood Projection Board agrees to designate the project as part of the State Plan of Flood Control the Agency will no longer carry these assets.

AGENCY OPERATIONS

The Agency completed the main construction of its \$70 million flood control improvements project in November 1998. In past years, due to the concern of levee decertification by FEMA, the Board of Directors held some Capital Projects Funds in reserve to remedy levee decertification. During fiscal year 2009-10, the Board of Directors authorized technical studies and investigation using these funds. These technical studies and investigations support future projects. Currently, the Agency participates in flood control studies and investigations which will provide or restore the required level of protection for parcels within the Agency's assessment district area.

During fiscal year 2019-20, the Board of Directors approved the award of a \$49,487,976 contract for construction of the Smith Canal Gate Project to Shimmick Construction. In Fiscal Year 2020-2021, the first construction season of the Smith Canal Gate Project was successfully completed with installation of the cofferdam, pipe piles and seepage cut off walls for the gate structure. The project will be completed in the 2022 construction season.

SAN JOAQUIN AREA FLOOD CONTROL AGENCY

MANAGEMENT'S DISCUSSION AND ANALYSIS

JUNE 30, 2021

On September 30, 2020, representatives of USACE, California Central Valley Flood Protection Board and SJAFCA signed a multi-year Project Partnership Agreement that signals the next step in efforts to reduce the flood risk for the northern and central areas of the City of Stockton. The plan for the Lower San Joaquin River Project (California), authorized by Congress in the America's Water Infrastructure Act of 2018, will provide flood risk management benefits to over 71,000 acres of mixed-use land with a current population estimated at 160,000 residents and an estimated \$21 billion in property. The recommended plan includes North and Central Stockton–Delta Front, Lower Calaveras River, and San Joaquin River levee improvements. The structural features of the plan include approximately 24 miles of levee improvements, and two closure structures (Fourteen-mile Slough and Smith Canal). The non-structural measures include a comprehensive flood warning system, emergency evacuation planning and floodplain management. The overall project is estimated to cost \$1.3 billion with annual benefits of \$255 million. The total project cost will be shared between the US government (65%), the State of California (24.5%) and SJAFCA (10.5%). The project would allow the Stockton metro community to continue to meet both FEMA certification requirements, and at least a portion of the State of California's criteria for funding of Flood Risk Management projects, allowing for potential reduction in National Flood Insurance Program costs to the community. Project construction is currently anticipated to start in 2022 with completion in 2032.

During the Fiscal Year 20-21, two staff members previously on loan to SJAFCA from the City of Stockton were re-absorbed into the city workforce. Following their return to the city workforce, SJAFCA directly hired four of its own employees to fill those vacancies and reorganized personnel to meet agency needs.

REQUEST FOR INFORMATION

This financial report is designed to provide a general overview of the Agency's finances for all those with interest in the Agency's finances. Questions concerning any of the information provided in this report or requests for additional financial information should be addressed to the Agency's Executive Director, Chris Elias at 22 E. Weber Avenue, Room 301 Stockton, California 95202.

SAN JOAQUIN AREA FLOOD CONTROL AGENCY

STATEMENT OF NET POSITION

JUNE 30, 2021

	<u>Governmental Activities</u>
ASSETS	
Current assets:	
Cash and cash equivalents	\$ 37,674,963
Interest income receivable	35,564
Receivable - State of California	4,717,023
Prepaid expenses	310,483
Total current assets	<u>42,738,033</u>
Capital assets:	
Land and easements	9,678,245
Infrastructure assets, net	26,060,371
Total capital assets	<u>35,738,616</u>
Total assets	<u>78,476,649</u>
LIABILITIES AND NET POSITION	
Current liabilities:	
Accounts payable	2,163,454
Bonds payable, current maturity	400,000
Accrued bond interest	204,164
Member agency loans	310,000
Total current liabilities	<u>3,077,618</u>
Noncurrent liabilities:	
Bonds payable, net of current maturity	22,685,962
Total noncurrent liabilities	<u>22,685,962</u>
Net position:	
Net investment in capital assets	12,448,490
Restricted for capital improvements	5,071,488
Unrestricted	35,193,091
Total net position	<u><u>\$ 52,713,069</u></u>

See accompanying notes to the basic financial statements.

SAN JOAQUIN AREA FLOOD CONTROL AGENCY

STATEMENT OF ACTIVITIES
FOR THE YEAR ENDED JUNE 30, 2021

Functions / Programs	Program Expenses	Program Revenues		Net (Expense) Revenue
		Operating Grants and Contributions	Capital Grants and Contributions	
Governmental activities:				
Operations and maintenance	\$ 25,715,173	\$ 17,974,118	\$ -	\$ (7,741,055)
Agency management	1,436,186	-	-	(1,436,186)
Interest and other charges	880,254	-	-	(880,254)
Total governmental activities	<u>\$ 28,031,613</u>	<u>\$ 17,974,118</u>	<u>\$ -</u>	<u>\$ (10,057,495)</u>
General revenues:				
	Assessments fees			\$ 2,640,751
	Investment earnings - interest			187,245
	Investment earnings - unrealized (loss)			<u>(116,420)</u>
	Total general revenues			<u>2,711,576</u>
	Change in net position			<u>(7,345,919)</u>
	Net position, beginning of year			<u>60,058,988</u>
	Net position, end of year			<u>\$ 52,713,069</u>

See accompanying notes to the basic financial statements.

SAN JOAQUIN AREA FLOOD CONTROL AGENCY

GOVERNMENTAL FUNDS BALANCE SHEET

JUNE 30, 2021

	General Fund	Maintenance and Operations Fund	Smith Canal Assessment & Closure Fund	Mossdale Tract & Levee Impact Fees Fund	Lower SJ River Project Fund	Regional Flood Mgmt Program Fund	Total Governmental Funds
ASSETS							
Cash and cash equivalents	\$ 2,547,132	\$ 5,180,494	\$ 22,278,717	\$ 4,914,335	\$ 2,465,591	\$ 288,694	\$ 37,674,963
Interest income receivable	4,307	4,858	19,464	4,381	2,269	285	35,564
Receivable - State of California	-	-	3,089,126	1,395,579	-	232,318	4,717,023
TOTAL ASSETS	<u>2,551,439</u>	<u>5,185,352</u>	<u>25,387,307</u>	<u>6,314,295</u>	<u>2,467,860</u>	<u>521,297</u>	<u>42,427,550</u>
LIABILITIES							
Accounts payable	19,688	113,864	1,789,909	169,876	39,736	30,381	2,163,454
Member agency loans	-	-	-	310,000	-	-	310,000
Total liabilities	<u>19,688</u>	<u>113,864</u>	<u>1,789,909</u>	<u>479,876</u>	<u>39,736</u>	<u>30,381</u>	<u>2,473,454</u>
DEFERRED INFLOWS OF RESOURCES	-	-	-	59,401	-	57,236	116,637
FUND BALANCES							
Restricted	-	5,071,488	-	-	-	-	5,071,488
Assigned	-	-	23,597,398	5,775,018	2,428,124	433,680	32,234,220
Unassigned	2,531,751	-	-	-	-	-	2,531,751
Total fund balances	<u>2,531,751</u>	<u>5,071,488</u>	<u>23,597,398</u>	<u>5,775,018</u>	<u>2,428,124</u>	<u>433,680</u>	<u>39,837,459</u>
TOTAL LIABILITIES, DEFERRED INFLOWS OF RESOURCES, AND FUND BALANCES	<u>\$ 2,551,439</u>	<u>\$ 5,185,352</u>	<u>\$ 25,387,307</u>	<u>\$ 6,314,295</u>	<u>\$ 2,467,860</u>	<u>\$ 521,297</u>	<u>\$ 42,427,550</u>

See accompanying notes to the basic financial statements.

SAN JOAQUIN AREA FLOOD CONTROL AGENCY

RECONCILIATION OF THE GOVERNMENTAL FUNDS BALANCE SHEET
TO THE GOVERNMENT-WIDE STATEMENT OF NET POSITION
JUNE 30, 2021

Total Fund Balances - Governmental Funds \$ 39,837,459

Amounts reported for Governmental Activities in the Statement of Net Position are different from those reported in the Governmental Funds because of the following:

Capital assets used in Governmental Activities are not current resources and, therefore, are not reported in the Governmental Funds Balance Sheet.

Infrastructure assets, land, and easements	54,736,849	
Less: accumulated depreciation	<u>(18,998,233)</u>	
		35,738,616

The issuance of long-term debt provides current financial resources to governmental funds, while the repayment of the principal of long-term debt consumes the current financial resources of governmental funds. Neither transaction, however, has any effect on net position. Also, governmental funds report the effect of premiums, discounts, and similar items when debt is first issued, whereas these amounts are deferred and amortized in the statement of activities. This is the net effect of these differences in the treatment of long-term debt and related items.

(22,979,643)

As the focus of Governmental Funds is on short-term financing, some assets will not be available to pay current expenditures. Those assets (receivables) are offset by unavailable revenue in the Governmental Funds.

116,637

Net Position of Governmental Activities \$ 52,713,069

See accompanying notes to the basic financial statements.

SAN JOAQUIN AREA FLOOD CONTROL AGENCY

STATEMENT OF REVENUES, EXPENDITURES, AND CHANGES IN FUND BALANCES
FOR THE YEAR ENDED JUNE 30, 2021

	General Fund	Maintenance and Operations Fund	Smith Canal Assessment & Closure Fund	Mossdale Tract & Levee Impact Fees Fund	Lower SJ River Project Fund	Regional Flood Mgmt Program Fund	Total Governmental Funds
Revenues:							
Assessments	\$ -	\$ 945,479	\$ 1,695,272	\$ -	\$ -	\$ -	\$ 2,640,751
Investment earnings - interest	43,730	27,461	90,067	16,189	8,737	1,061	187,245
Investment earnings - unrealized gain (loss)	4,572	(33,510)	(44,419)	(31,185)	(7,218)	(4,660)	(116,420)
Other government agency aid	-	-	12,737,229	4,885,604	-	194,585	17,817,418
Grants	-	-	-	100,000	-	-	100,000
Total revenues	48,302	939,430	14,478,149	4,970,608	1,519	190,986	20,628,994
Expenditures:							
Current operating:							
Maintenance and operations	12,018	991,728	22,047,788	907,841	648,297	206,383	24,814,055
Agency management	141,840	123,866	587,893	454,633	72,316	55,638	1,436,186
Debt service:							
Principal	-	-	910,000	-	-	-	910,000
Interest and other charges	-	-	718,746	-	-	-	718,746
Total expenditures	153,858	1,115,594	24,264,427	1,362,474	720,613	262,021	27,878,987
Excess (deficiency) of revenues over expenditures	(105,556)	(176,164)	(9,786,278)	3,608,134	(719,094)	(71,035)	(7,249,993)
Other financing sources (uses):							
Transfers in (out)	(8,684,783)	5,485	5,024,914	2,451	3,147,218	504,715	-
Total other financing sources (uses)	(8,684,783)	5,485	5,024,914	2,451	3,147,218	504,715	-
Net change in fund balances	(8,790,339)	(170,679)	(4,761,364)	3,610,585	2,428,124	433,680	(7,249,993)
Fund balances, beginning	11,322,090	5,242,167	28,358,762	2,164,433	-	-	47,087,452
Fund balances, ending	\$ 2,531,751	\$ 5,071,488	\$ 23,597,398	\$ 5,775,018	\$ 2,428,124	\$ 433,680	\$ 39,837,459

See accompanying notes to the basic financial statements.

SAN JOAQUIN AREA FLOOD CONTROL AGENCY

RECONCILIATION OF THE STATEMENT OF REVENUES, EXPENDITURES,
AND CHANGES IN FUND BALANCES OF GOVERNMENTAL FUNDS TO THE
GOVERNMENT-WIDE STATEMENT OF ACTIVITIES
FOR THE YEAR ENDED JUNE 30, 2021

Net changes in Fund Balances - Governmental Funds \$ (7,249,993)

Amounts reported for Governmental Activities in the Statement of Activities
are different because of the following:

When capital assets that are to be used in Governmental Activities are
purchased or constructed, the resources expended for those assets
are reported as expenditures in the Governmental Funds. This is the amount
of capital assets additions and depreciation recorded in current year.

Depreciation expense	<u>(901,118)</u>	(901,118)
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Revenues in the governmental fund's statement that do not provide current financial resources are not reported as revenue in the fund.	56,700
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The issuance of long-term debt provide current financial resources
to governmental funds, while the repayment of the principal of
long-term debt consumes the current financial resources of governmental
funds. Neither transaction, however, has any effect on net position. Also,
governmental funds report the effect of premiums, discounts, and similar
items when debt is first issued, whereas these amounts are deferred and
amortized in the statement of activities. This is the net effect of these
differences in the treatment of long-term debt and related items.

748,492

Changes in Net Position of Governmental Activities	<u><u>\$ (7,345,919)</u></u>
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See accompanying notes to the basic financial statements.

SAN JOAQUIN AREA FLOOD CONTROL AGENCY

NOTES TO BASIC FINANCIAL STATEMENTS

JUNE 30, 2021

NOTE 1. DESCRIPTION OF THE AGENCY

The San Joaquin Area Flood Control Agency (the Agency) is the result of a joint powers agreement (JPA) between the City of Stockton (the City), the County of San Joaquin (the County), and the San Joaquin County Flood Control and Water Conservation District (the District). The Agency was formed on May 25, 1995, for the purposes of undertaking the acquisition, construction, and/or installation of improvements to flood control channels in the City and the portion of unincorporated areas of the County adjacent thereto (the Project), in order to provide a 100-year flood protection to these areas. The Agency is a public entity pursuant to the provisions of Articles 1-4, Chapter 5, Division 7, Title 1 of the Government Code of the State of California.

The basic operations of the Agency are financed as a part of the Project operations and costs. An annual special assessment based on total costs of the Project was assessed during the year ended June 30, 1996. The assessment paid for Project costs and bond repayment. The Agency retired the bonds three years ahead of scheduled maturity on September 2, 2011. During the year ended June 30, 1997, an additional annual special assessment was approved for the continued maintenance of the flood project structures. Collections of the June 30, 1997, assessment will continue to finance the maintenance of the flood project structure until adoption of a terminating resolution.

NOTE 2. SIGNIFICANT ACCOUNTING POLICIES

Financial Agency

The Agency's basic financial statements include the accounts of all Agency operations. The Agency's basic financial statements do not include operations of the associated governmental agencies involved in the joint powers agency, namely, the City, the County, and the District.

Basis of Presentation – Government-Wide Accounting

The government-wide financial statements include the Statement of Net Position and the Statement of Activities and report financial information on the Agency as a whole.

The Statement of Activities presents a comparison between direct expenses and program revenues for functions of the Agency's governmental activities. Direct expenses are those that are clearly identifiable with specific function. Program revenues include 1) grants and contributions that are restricted to meeting the operational or capital requirements of a particular function or segment and 2) fees, grants, and contributions that are restricted to financing the acquisition or construction of capital assets. Other items not properly included are reported instead as general revenues and expenses.

SAN JOAQUIN AREA FLOOD CONTROL AGENCY

NOTES TO BASIC FINANCIAL STATEMENTS

JUNE 30, 2021

NOTE 2. SIGNIFICANT ACCOUNTING POLICIES (CONTINUED)

Basis of Presentation – Fund Accounting

Fund financial statements provide information about the Agency's funds. Each fund is accounted for by providing a separate set of self-balancing accounts that comprise its assets, liabilities, fund balance, revenues, and expenditures. Agency resources are allocated to and accounted for in individual funds based upon the purpose for which they are to be spent and the means by which spending activities are controlled. The Agency does not have any proprietary or fiduciary funds.

Measurement focus, basis of accounting, and financial statement presentation

The government-wide financial statements are reported using the economic resources measurement focus and the accrual basis of accounting. Revenues are recorded when earned, and expenses are recorded when a liability is incurred, regardless of the timing of related cash flows. Assessments are recognized in the year for which they are levied.

The governmental fund financial statements are presented using the current financial resources measurement focus and the modified accrual basis of accounting. Under this method, revenues are recognized when they are both measurable and available. "Measurable" means the amount of the transaction can be determined and "available" means collectible within the current period or within 60 days after year-end. Expenditures are recorded when the related liability is incurred, except for general obligation on principal and interest which are reported as expenditures in the year they are due.

The major sources of revenues susceptible to accrual are assessments of property owners and investment income.

When both restricted and unrestricted resources are available for use, it is the Agency's policy to use restricted resources first, then unrestricted resources as needed.

Allocation of Indirect Expenses

The Agency allocates indirect expenses, primarily comprised of administrative services, to Agency management functions. Administrative services include accounting, financial reporting, payroll reimbursement, investing and cash management, personnel services, and other administrative services.

Fund Types and Major Funds

The Agency reported the following major governmental funds in the accompanying financial statements:

General fund – Accounts for general administrative expenses and acts as Agency reserves.

SAN JOAQUIN AREA FLOOD CONTROL AGENCY

NOTES TO BASIC FINANCIAL STATEMENTS

JUNE 30, 2021

NOTE 2. SIGNIFICANT ACCOUNTING POLICIES (CONTINUED)

Maintenance and Operations Fund – Accounts for the collection of special assessments from property owners within the Agency’s assessment district for the maintenance of the flood structures. Proceeds are restricted to the maintenance and operations (M&O) activities identified in the M&O budget.

Smith Canal Assessment Fund – Accounts for the collection of special assessments from property owners within the Smith Canal Area Assessment District. The collection of assessments are for design, construction, and maintenance of the Smith Canal flood control improvements to remove the area from a Federal Emergency Management Agency (FEMA) Special Hazard Area. Proceeds are restricted to activities identified in the Annual Engineer’s Report for the Smith Canal Area Assessment District.

Smith Canal Closure Fund – This fund was initially created to collect Early Implementation Project (EIP) funding received by the State of California per a Funding Agreement for the design of the Smith Canal Gate project. The fund is now used to collect Urban Flood Risk Reduction funding received by the State for final design and construction of the project.

Mossdale Tract Fund and Mossdale Levee Impact Fees Fund – Accounts for the collection of proceeds from member agencies through a loan agreement and for the collection of proceeds from member agencies for development impact fee when building permits are issued for new development in the Mossdale Tract area. The proceeds will be used to fund flood control improvements needed to obtain 200-year level of flood protection for the Mossdale Tract area.

Lower San Joaquin River Project Fund – This fund was established in partnership with the US Army Corps of Engineers (Corps) and the California Central Valley Flood Protection Board (CVFPB) to study and evaluate ways to improve the region’s level of flood protection. The partnership resulted in the Congressionally-authorized Lower San Joaquin River Feasibility Study. The fund will be used to track costs towards the federally-approved project.

Regional Flood Management Program Fund – Accounts for the collection of proceeds from California Department of Water Resources’ Regional Flood Management Program.

SAN JOAQUIN AREA FLOOD CONTROL AGENCY

NOTES TO BASIC FINANCIAL STATEMENTS

JUNE 30, 2021

NOTE 2. SIGNIFICANT ACCOUNTING POLICIES (CONTINUED)

Infrastructure Assets and Depreciation

The Agency's infrastructure assets with useful lives of more than one year are stated at historical cost and comprehensively reported in the government-wide financial statements. The Agency generally capitalizes all assets as construction outlays occur. The costs of normal maintenance and repairs that do not add to the asset value or materially extend useful lives are not capitalized. Infrastructure assets are depreciated using the straight-line method over a useful life of 50 years.

Reservation of Fund Balances

The Agency records reservations for portions of fund balance which are legally segregated for specific future use or which do not represent available expendable resources and, therefore, are not available for appropriations or expenditure in the governmental funds balance sheet.

Restriction of Net Position

Net position is the excess of all the Agency's assets over all its liabilities, regardless of fund. Net position is divided into three captions under Governmental Accounting Standards Board (GASB) Statement No. 34, *Basic Financial Statements- and Management's Discussion and Analysis- for State and Local Governments*. If restricted and unrestricted net position are available for the same purpose, then restricted net position will be used before unrestricted net position. These captions apply only to net position, which is determined only at the government-wide level, and is described below:

Net Investment in Capital Assets – This amount consists of capital assets net of accumulated depreciation, less the outstanding balance of any debt issued to finance these assets.

Restricted – This amount is restricted by external creditors, grantors, contributors, laws or regulations of other governments, enabling legislation, and constitutional provisions.

Unrestricted – The amount is all the net position that does not meet the definition of "net investment in capital assets" or "restricted."

Assessment Tax

The County collects the Agency's assessment tax revenue as part of the County's property taxes. The County's secured property tax payments are levied in two equal installments: the first is generally due November 1st and delinquent with penalties after December 10th; the second is due February 1st and delinquent with penalties after April 10th. Secured property with unpaid taxes incurs a lien on January 1st preceding the fiscal year for which taxes are levied. Property taxes on the unsecured roll are due on the January 1st lien date and become delinquent if unpaid on August 31st.

SAN JOAQUIN AREA FLOOD CONTROL AGENCY

NOTES TO BASIC FINANCIAL STATEMENTS

JUNE 30, 2021

NOTE 2. SIGNIFICANT ACCOUNTING POLICIES (CONTINUED)

Cash and Cash Equivalents

The Agency maintains a large portion of its cash in the County Treasury. The County pools these funds with those of other agencies in the County and invests the cash.

Use of Estimates

Management uses estimates and assumptions in preparing financial statements. Those estimates and assumptions affect the reported amounts of assets and liabilities, the disclosure of contingent assets and liabilities, and the reported revenues and expenses. Actual results could differ from these estimates.

Fund Balance

In March 2009, GASB issued Statement No. 54, *Fund Balance Reporting and Governmental Fund Type Definitions*. This statement establishes fund balance classifications that comprise a hierarchy based primarily on the extent to which a government is bound to observe constraints imposed upon the use of the resources reported in governmental funds. These classifications are described below:

Nonspendable Fund Balance – Amounts that are inherently nonspendable such as inventory or long-term receivables.

Restricted Fund Balance – Amounts that have externally enforceable limitations on use that are either imposed by law or constrained by grantors, contributors, or laws and regulations of other governments.

Committed Fund Balance – Amounts that can only be used for specific purposes determined by formal action of the Agency's highest level of decision-making authority, the Board of Directors. These committed amounts cannot be used for any other purpose unless the Board of Directors removes or changes the specified use through the same type of formal action taken to establish the commitment. The formal action must occur prior to the end of the reporting period; however, the amount can be determined subsequently.

Assigned Fund Balance – Amounts that are constrained by the Agency's intent to be used for specific purposes, but are neither restricted nor committed, should be reported as assigned fund balance. The intent can be expressed by the Board of Directors itself or by an official to which the governing body has delegated the authority.

Unassigned Fund Balance – The residual positive net resources of the General Fund in excess of what can properly be classified in one of the other four categories. This amount is reported only in the General Fund except in cases of negative fund balance. Negative fund balances in other governmental funds are reported as Unassigned Fund Balance.

SAN JOAQUIN AREA FLOOD CONTROL AGENCY

NOTES TO BASIC FINANCIAL STATEMENTS

JUNE 30, 2021

NOTE 2. SIGNIFICANT ACCOUNTING POLICIES (CONTINUED)

The accounting policies of the Agency consider restricted fund balance to have been spent first when an expenditure is incurred if both restricted and unrestricted fund balance are available. Similarly, when all expenditure is incurred for purposes for which amounts in any of the unrestricted classification of fund balance could be used, the Agency considers committed amounts to be reduced first, followed by assigned amounts, and then unassigned amounts.

Most non-general funds were designated for one purpose at the time of their creation. Therefore, expenditures made out of a fund will be allocated to the applicable fund balance classifications in the order of the spending policy above.

Bond Issue

On May 18, 2020, the Agency issued "San Joaquin Area Flood Control Agency, California Smith Canal Area Assessment District Assessment Revenue Bonds, Series 2020." The principal amount was \$23,435,000, less underwriter discount of \$107,801, plus premium of \$580,306.

In the government-wide financial statements, long-term debt is reported as a liability in the statement of net position. Bond premiums and discounts are deferred and amortized over the life of the bonds using the straight-line method, which approximates the effective interest method. Bonds payable are reported net of the applicable bond premium or discount. Bond issuance costs are expensed.

In the fund financial statements, governmental fund types recognize bond premiums and discounts, as well as bond issuance costs, during the current period. The face amount of the debt issued is reported as other financing sources. Premiums received on debt issuances are reported as other financing sources while discounts on debt issuances are reported as other financing uses. Issuance costs, whether or not withheld from the actual debt proceeds received, are reported as debt service expenditures. See Note 9.

NOTE 3. DETAILED NOTES ON FUNDS

The Agency maintains a large portion of its cash in the County Treasury as part of the common investment pool (the Pool), which had a carrying value of \$37,444,034 as of June 30, 2021.

The Agency is considered to be an involuntary participant in the external investment Pool. The Pool has established a treasury oversight committee to monitor and review the management of public funds maintained in the Pool.

SAN JOAQUIN AREA FLOOD CONTROL AGENCY

NOTES TO BASIC FINANCIAL STATEMENTS

JUNE 30, 2021

NOTE 3. DETAILED NOTES ON FUNDS (CONTINUED)

Participants' equity in the Pool is determined by the dollar amount of the participant's deposits, adjusted for withdrawals and distributed investment income. Investment income is prorated to individual funds based on their average daily cash balances.

The value of the Agency's shares in the Pool, which may be withdrawn, is determined on an amortized cost basis, which is different than the fair value of the Agency's position in the Pool. The Agency's investment in the Pool is unrated, stated at amortized cost which approximates fair value, available on demand, and considered cash equivalents.

Interest Rate Risk - Interest rate risk is the risk that changes in market interest rates will adversely affect the fair value of an investment. Generally, the longer the maturity of an investment the greater the sensitivity of fair value to changes in market interest rate. As of year-end, the weighted average maturity of the investments contained in the Pool was approximately one year.

Credit Risk - Credit risk is the risk that an issuer or other counterparty to an investment will not fulfill its obligations. California statutes and the County's investment policy limit the County investments to obligations of the U.S. Treasury, certain Federal agencies, bankers' acceptances, "prime" commercial paper, certificates of deposit, swaps and trades, State Treasurer's Local Agency Investment Fund, and repurchase agreements.

Concentration of Credit Risk - Concentration of credit risk is the loss risk attributed to the magnitude of a government's investment in a single issuer. The County's investment policy places certain maximum percentage limitations of investments by investment type and the Treasurer has adhered to this policy with no exception.

Custodial Credit Risk - Custodial credit risk does not apply to a local government's indirect investment in securities through the use of mutual funds or government investment pools. The County issues a financial report that includes custodial credit risk disclosures for the cash in the County Treasury. The report may be obtained by writing to the County Treasurer, 44 North San Joaquin Street, Stockton, California 95202.

Assessments Receivable

Assessments are collected and remitted to the County Tax Collector. The County Tax Collector's office transfers the assessment amount to the Agency's fund held by the County Treasury. In the governmental fund financial statements, assessments receivable is recorded in the Special Revenue Funds. In the government-wide financial statements, assessments receivable includes all amounts due to the Agency regardless of when the cash is received.

SAN JOAQUIN AREA FLOOD CONTROL AGENCY

NOTES TO BASIC FINANCIAL STATEMENTS
JUNE 30, 2021

NOTE 3. DETAILED NOTES ON FUNDS (CONTINUED)

Accounts Payable

Significant payables include amounts due to a related party. See Note 5 for information describing related parties. Other payable amounts are due to vendors for services rendered prior to the fiscal year end.

Capital Assets

The following table provides a summary of changes in capital assets:

	June 30, 2020	Additions	Deletions	June 30, 2021
Nondepreciable capital assets:				
Land and easements	\$ 9,678,245	\$ -	\$ -	\$ 9,678,245
Depreciable capital assets:				
Infrastructure assets	45,058,604	-	-	45,058,604
Less accumulated depreciation	(18,097,115)	(901,118)	-	(18,998,233)
Net depreciable capital assets	26,961,489	(901,118)	-	26,060,371
Net capital assets	\$ 36,639,734	\$ (901,118)	\$ -	\$ 35,738,616

NOTE 4. FUND BALANCES

Fund balances are presented in the following categories: restricted, assigned, and unassigned (See Note 2 for a description of these categories). A detailed schedule of fund balances at June 30, 2021, is as follows:

	General Fund	Maintenance & Operations Fund	Smith Canal Assessment & Closure Fund	Mossdale Tract & Levee Impact Fees Fund	Lower SJ River Project Fund	Regional Flood Mgmt Program Fund	Total
Fund balances:							
Restricted for maintenance and operations	\$ -	\$ 5,071,488	\$ -	\$ -	\$ -	\$ -	\$ 5,071,488
Assigned to capital projects	-	-	23,597,398	5,775,018	2,428,124	433,680	32,234,220
Unassigned	2,531,751	-	-	-	-	-	2,531,751
Total fund balances	\$ 2,531,751	\$ 5,071,488	\$ 23,597,398	\$ 5,775,018	\$ 2,428,124	\$ 433,680	\$ 39,837,459

SAN JOAQUIN AREA FLOOD CONTROL AGENCY

NOTES TO BASIC FINANCIAL STATEMENTS

JUNE 30, 2021

NOTE 5. RELATED PARTY TRANSACTIONS

During the year ended June 30, 2021, the Agency has approved payments to members of the JPA for services and personnel costs of the Agency. These costs are accumulated in the Agency administrative costs. Amounts paid to the related parties during the fiscal year ended June 30, 2021, were \$1,379,195.

NOTE 6. COMMITMENTS

The Agency entered into a \$10 million cost-share agreement with the USACE and the Central Valley Flood Protection Board for a feasibility study for the Lower San Joaquin River, of which, the local responsibility is \$2.5 million. Information from this study will be used to develop a plan to reach a 200- year level of flood protection for urban and urbanizing areas as required by State Senate Bill 5.

The Agency's Board of Directors also authorized a \$6.1 million contract to complete the design of the Smith Canal Gate project to restore flood protection to an area affected by levee decertification and FEMA re-mapping. The Agency secured an EIP grant through the State Department of Water Resources (DWR) in the amount of \$2.4 million to cost-share half of the design and environmental work.

The remaining half is being funded with assessment revenues that were passed under Proposition 218 on July 10, 2013. The Agency executed an Urban Flood Risk Reduction grant for \$22.3 million, which was later increased to \$35.8 million, to cover remaining design, permitting, and construction costs. The Agency anticipates the State to cost share in 63% of total project costs.

NOTE 7. MEMBER AGENCY LOANS

Each member agency (City of Stockton, City of Lathrop, City of Manteca, and County of San Joaquin) signed a seed funding agreement that would loan the Agency an amount not to exceed \$365,000 each. The loans are to be used for planning of the Mossdale Tract Phase IV levee improvements and to demonstrate progress toward compliance with Senate Bill 5 requirements. Each Member Agency advanced an amount of \$65,000 with exception of the City of Lathrop which advanced an amount of \$115,000. The term of repayment for the loan amounts do not include interest and can be repaid any time prior to June 30, 2029, at the Agency's discretion. It should also be noted that the loans may be forgiven if permanent funding sources for the entirety of the Mossdale Tract Phase IV Levee Improvement Project is unable to be secured.

SAN JOAQUIN AREA FLOOD CONTROL AGENCY

NOTES TO BASIC FINANCIAL STATEMENTS

JUNE 30, 2021

NOTE 8. INTERFUND TRANSFERS

Transfers and payments within the Agency are for the purpose of subsidizing operating functions. Resources are accumulated in a fund to support and simplify the administration of various projects or programs. The government-wide Statement of Activities eliminates transfers as reported within the segregated governmental columns. Only transfers between columns appear in this statement.

The following schedule reports transfers and payments within the Agency:

	<u>Transfers In</u>	<u>Transfers Out</u>
General Fund	\$ -	\$ 8,684,783
Maintenance and Operations Fund	5,485	-
Smith Canal Assessment	1,014,230	-
Smith Canal Closure	4,010,684	-
Mossdale Tract	2,002,451	-
Mossdale Levee Impact	-	2,000,000
Lower SJ River Project Fund	3,147,218	-
Regional Flood Mgmt Program Fund	504,715	-
Total	<u>\$ 10,684,783</u>	<u>\$ 10,684,783</u>

NOTE 9. BONDS PAYABLE

On May 18, 2020, the Agency issued "San Joaquin Area Flood Control Agency, California Smith Canal Area Assessment District Assessment Revenue Bonds, Series 2020." The proceeds are to be used in the construction of improvements to provide protection from flood flows within the Smith Canal area of San Joaquin County, known generally as the Smith Canal Gate Project. The principal amount was \$23,435,000, less underwriter discount of \$107,801, plus premium of \$580,306. The bonds bear interest from 3%-5%, with payments due semiannually on April 1 and October 1, commencing October 1, 2020. Source of payment for the bonds will come from assessments levied by the Agency, and collected by San Joaquin County on behalf of the Agency. Bond payable as of June 30, 2021 was \$23,085,962.

The bonds maturing on or after October 1, 2031 are subject to optional redemption prior to their stated maturities, on any date on or after October 1, 2030, in whole or in part, at a redemption price equal to the principal amount of the bonds to be redeemed together with accrued interest thereon to the date fixed for redemption, without premium.

SAN JOAQUIN AREA FLOOD CONTROL AGENCY

NOTES TO BASIC FINANCIAL STATEMENTS

JUNE 30, 2021

NOTE 9. BONDS PAYABLE (CONTINUED)

Mandatory Sinking Payment Redemption

The bonds maturing on October 1, 2040 are subject to mandatory sinking payment redemption in part by lot on October 1, 2036, and on each October 1 thereafter to maturity, at a redemption price equal to the principal amount to be redeemed, together with accrued interest to the redemption date, without premium, from sinking payments as follows:

Redemption Date (October 1)	Sinking Payments
2036	\$ 745,000
2037	770,000
2038	795,000
2039	820,000
2040 (maturity)	845,000

The bonds maturing on October 1, 2045 are subject to mandatory sinking payment redemption in part by lot on October 1, 2041, and on each October 1 thereafter to maturity, at a redemption price equal to the principal amount to be redeemed, together with accrued interest to the redemption date, without premium, from sinking payments as follows:

Redemption Date (October 1)	Sinking Payments
2041	\$ 875,000
2042	905,000
2043	935,000
2044	965,000
2045 (maturity)	1,000,000

The bonds maturing on October 1, 2050 are subject to mandatory sinking payment redemption in part by lot on October 1, 2046, and on each October 1 thereafter to maturity, at a redemption price equal to the principal amount to be redeemed, together with accrued interest to the redemption date, without premium, from sinking payments as follows:

SAN JOAQUIN AREA FLOOD CONTROL AGENCY

NOTES TO BASIC FINANCIAL STATEMENTS JUNE 30, 2021

NOTE 9. BONDS PAYABLE (CONTINUED)

Redemption Date (October 1)	Sinking Payments
2046	\$ 1,035,000
2047	1,065,000
2048	1,105,000
2049	1,140,000
2050 (maturity)	1,180,000

The estimated annual requirements to amortize the bonds payable as of June 30, 2021, are as follows:

Year Ended June 30	Principal	Interest	Total Requirements
2022	\$ 400,000	\$ 816,656	\$ 1,216,656
2023	420,000	800,656	1,220,656
2024	435,000	783,856	1,218,856
2025	455,000	766,456	1,221,456
2026	475,000	743,706	1,218,706
2027-2030	2,155,000	2,724,827	4,879,827
2031-2035	3,280,000	2,803,831	6,083,831
2036-2040	3,855,000	2,241,256	6,096,256
2041-2045	4,525,000	1,568,318	6,093,318
2046-2050	5,345,000	752,119	6,097,119
2051	1,180,000	39,825	1,219,825
Subtotal	22,525,000	14,351,924	37,786,924
Plus bond premium	560,962	-	560,962
Total liability	<u>\$ 23,085,962</u>	<u>\$ 14,351,924</u>	<u>\$ 38,347,886</u>

Accrued interest on the bonds at June 30, 2021 was \$204,164.

NOTE 10. SUBSEQUENT EVENTS

In preparing the financial statements, the Agency has evaluated events and transactions for potential recognition or disclosure through December 6, 2021, the date the financial statements were available to be issued.

REQUIRED SUPPLEMENTARY INFORMATION

SAN JOAQUIN AREA FLOOD CONTROL AGENCY

BUDGET TO ACTUAL COMPARISON SCHEDULES
FOR THE YEAR ENDED JUNE 30, 2021

	<u>General Fund</u>			
	<u>Original Budget</u>	<u>Final Budget</u>	<u>Actual</u>	<u>Variance with Final Budget</u>
Revenues:				
Investment earnings - interest	\$ -	\$ -	\$ 43,730	\$ 43,730
Investment earnings - unrealized gain	-	-	4,572	4,572
Total revenue	<u>-</u>	<u>-</u>	<u>48,302</u>	<u>48,302</u>
Expenditures:				
Maintenance and operations	-	-	12,018	(12,018)
Agency management	159,963	159,963	141,840	18,123
Total expenditures	<u>159,963</u>	<u>159,963</u>	<u>153,858</u>	<u>6,105</u>
Other financing sources (uses):				
Transfers in (out)	-	-	(8,684,783)	(8,684,783)
Total other financing sources (uses)	<u>-</u>	<u>-</u>	<u>(8,684,783)</u>	<u>(8,684,783)</u>
Net change in fund balance	<u>\$ (159,963)</u>	<u>\$ (159,963)</u>	<u>(8,790,339)</u>	<u>\$ (8,630,376)</u>
Fund balance, beginning			11,322,090	
Fund balance, ending			<u>\$ 2,531,751</u>	

SAN JOAQUIN AREA FLOOD CONTROL AGENCY

BUDGET TO ACTUAL COMPARISON SCHEDULES (CONTINUED)
FOR THE YEAR ENDED JUNE 30, 2021

Maintenance and Operations Fund

	<u>Original Budget</u>	<u>Final Budget</u>	<u>Actual</u>	<u>Variance with Final Budget</u>
Revenues:				
Assessments	\$ 944,985	\$ 944,985	\$ 945,479	\$ 494
Investment earnings - interest	-	-	27,461	27,461
Investment earnings - unrealized (loss)	-	-	(33,510)	(33,510)
Total revenue	<u>944,985</u>	<u>944,985</u>	<u>939,430</u>	<u>(5,555)</u>
Expenditures:				
Maintenance and operations	-	1,050,000	991,728	58,272
Agency management	-	159,963	123,866	36,097
Total expenditures	<u>-</u>	<u>1,209,963</u>	<u>1,115,594</u>	<u>94,369</u>
Other financing sources (uses):				
Transfers in (out)	-	-	5,485	5,485
Total other financing sources (uses)	<u>-</u>	<u>-</u>	<u>5,485</u>	<u>5,485</u>
Net change in fund balance	<u>\$ 944,985</u>	<u>\$ (264,978)</u>	(170,679)	<u>\$ 94,299</u>
Fund balance, beginning			5,242,167	
Fund balance, ending			<u>\$ 5,071,488</u>	

See Notes to Required Supplementary Information

SAN JOAQUIN AREA FLOOD CONTROL AGENCY

BUDGET TO ACTUAL COMPARISON SCHEDULES (CONTINUED)
FOR THE YEAR ENDED JUNE 30, 2021

Smith Canal Assessment and Closure Fund

	<u>Original Budget</u>	<u>Final Budget</u>	<u>Actual</u>	<u>Variance with Final Budget</u>
Revenues:				
Assessments	\$ 1,699,893	\$ 1,699,893	\$ 1,695,272	\$ (4,621)
Other government agency aid	11,559,198	11,559,198	12,737,229	1,178,031
Investment earnings - interest	-	-	90,067	90,067
Investment earnings - unrealized (loss)	-	-	(44,419)	(44,419)
Total revenue	<u>13,259,091</u>	<u>13,259,091</u>	<u>14,478,149</u>	<u>1,219,058</u>
Expenditures:				
Maintenance and operations	21,565,222	21,565,222	22,047,788	(482,566)
Agency management	639,851	639,851	587,893	51,958
Debt service:				
Principal	-	-	910,000	
Interest and other charges	-	-	718,746	
Total expenditures	<u>22,205,073</u>	<u>22,205,073</u>	<u>24,264,427</u>	<u>(430,608)</u>
Other financing sources (uses):				
Transfers in (out)	-	-	5,024,914	5,024,914
Total other financing sources (uses)	<u>-</u>	<u>-</u>	<u>5,024,914</u>	<u>5,024,914</u>
Net change in fund balance	<u>\$ (8,945,982)</u>	<u>\$ (8,945,982)</u>	<u>(4,761,364)</u>	<u>\$ 5,813,364</u>
Fund balance, beginning			28,358,762	
Fund balance, ending			<u>\$ 23,597,398</u>	

See Notes to Required Supplementary Information

SAN JOAQUIN AREA FLOOD CONTROL AGENCY

BUDGET TO ACTUAL COMPARISON SCHEDULES (CONTINUED)
FOR THE YEAR ENDED JUNE 30, 2021

Mossdale Tract and Levee Impact Fees Fund

	Original Budget	Final Budget	Actual	Variance with Final Budget
Revenues:				
Investment earnings - interest	\$ 73,225	\$ 73,225	\$ 16,189	\$ (57,036)
Investment earnings - unrealized (loss)	-	-	(31,185)	(31,185)
Other government agency aid	3,450,000	3,450,000	4,885,604	1,435,604
Grants	3,215,553	3,215,553	100,000	(3,115,553)
Total revenue	<u>6,738,778</u>	<u>6,738,778</u>	<u>4,970,608</u>	<u>(1,768,170)</u>
Expenditures:				
Maintenance and operations	5,504,142	5,504,142	907,841	4,596,301
Agency management	479,888	479,888	454,633	25,255
Total expenditures	<u>5,984,030</u>	<u>5,984,030</u>	<u>1,362,474</u>	<u>4,621,556</u>
Other financing sources (uses):				
Transfers in (out)	<u>-</u>	<u>-</u>	2,451	2,451
Total other financing sources (uses)	<u>-</u>	<u>-</u>	2,451	2,451
Net change in fund balance	<u>\$ 754,748</u>	<u>\$ 754,748</u>	3,610,585	<u>\$ 2,855,837</u>
Fund balance, beginning			2,164,433	
Fund balance, ending			<u>\$ 5,775,018</u>	

See Notes to Required Supplementary Information

SAN JOAQUIN AREA FLOOD CONTROL AGENCY

BUDGET TO ACTUAL COMPARISON SCHEDULES (CONTINUED)
FOR THE YEAR ENDED JUNE 30, 2021

Lower SJ River Project Fund

	<u>Original Budget</u>	<u>Final Budget</u>	<u>Actual</u>	<u>Variance with Final Budget</u>
Revenues:				
Investment earnings - interest	\$ -	\$ -	\$ 8,737	\$ 8,737
Investment earnings - unrealized (loss)	-	-	(7,218)	(7,218)
Total revenue	<u>-</u>	<u>-</u>	<u>1,519</u>	<u>1,519</u>
Expenditures:				
Maintenance and operations	504,654	504,654	648,297	(143,643)
Agency management	79,981	79,981	72,316	7,665
Total expenditures	<u>584,635</u>	<u>584,635</u>	<u>720,613</u>	<u>(135,978)</u>
Other financing sources (uses):				
Transfers in (out)	<u>-</u>	<u>-</u>	<u>3,147,218</u>	<u>3,147,218</u>
Total other financing sources (uses)	<u>-</u>	<u>-</u>	<u>3,147,218</u>	<u>3,147,218</u>
Net change in fund balance	<u>\$ (584,635)</u>	<u>\$ (584,635)</u>	2,428,124	<u>\$ 3,012,759</u>
Fund balance, beginning			<u>-</u>	
Fund balance, ending			<u>\$ 2,428,124</u>	

See Notes to Required Supplementary Information

SAN JOAQUIN AREA FLOOD CONTROL AGENCY

BUDGET TO ACTUAL COMPARISON SCHEDULES (CONTINUED)
FOR THE YEAR ENDED JUNE 30, 2021

Regional Flood Management Program Fund

	<u>Original Budget</u>	<u>Final Budget</u>	<u>Actual</u>	<u>Variance with Final Budget</u>
Revenues:				
Investment earnings - interest	\$ -	\$ -	\$ 1,061	\$ 1,061
Investment earnings - unrealized (loss)	-	-	(4,660)	(4,660)
Other government agency aid	850,000	850,000	194,585	(655,415)
Total revenue	<u>850,000</u>	<u>850,000</u>	<u>190,986</u>	<u>(659,014)</u>
Expenditures:				
Maintenance and operations	770,000	770,000	206,383	563,617
Agency management	80,000	80,000	55,638	24,362
Total expenditures	<u>850,000</u>	<u>850,000</u>	<u>262,021</u>	<u>587,979</u>
Other financing sources (uses):				
Transfers in (out)	-	-	504,715	504,715
Total other financing sources (uses)	<u>-</u>	<u>-</u>	<u>504,715</u>	<u>504,715</u>
Net change in fund balance	<u>\$ -</u>	<u>\$ -</u>	433,680	<u>\$ 433,680</u>
Fund balance, beginning			-	
Fund balance, ending			<u>\$ 433,680</u>	

See Notes to Required Supplementary Information

SAN JOAQUIN AREA FLOOD CONTROL AGENCY

NOTES TO REQUIRED SUPPLEMENTARY INFORMATION
JUNE 30, 2021

NOTE 1. BUDGETARY INFORMATION

A. Budget Policy and Practice

The San Joaquin Area Flood Control Agency (the Agency) submits an annual budget to the Board of Directors. The Board of Directors formally approves the annual budget in accordance with the by-laws established by the joint power agency agreement. The Board of Directors is to prepare and adopt a budget within the first 90 days of the fiscal year.

B. Basis of Budgeting

The budget is prepared under accounting principles generally accepted in the United States of America basis. Revenues are budgeted by source. Expenditures are budgeted by department and class as follows: maintenance and operations, administration costs, and real estate planning and acquisition costs. Expenditures may not exceed appropriations at this level.

NOTE 2. EXPENDITURES OVER APPROPRIATIONS

For the fiscal year ended June 30, 2021, the Agency has expenditures over appropriations as follows:

General Fund

Maintenance and operations	\$ (12,018)
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Smith Canal Assessment and Closure Fund

Maintenance and operations	\$ (482,566)
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Lower SJ River Project Fund

Maintenance and operations	\$ (143,643)
----------------------------	--------------

ADDITIONAL INFORMATION



**INDEPENDENT AUDITORS' REPORT ON INTERNAL CONTROL OVER
FINANCIAL REPORTING AND ON COMPLIANCE AND OTHER MATTERS
BASED ON AN AUDIT OF FINANCIAL STATEMENTS PERFORMED IN
ACCORDANCE WITH *GOVERNMENT AUDITING STANDARDS***

To the Board of Directors
San Joaquin Area Flood Control Agency
Stockton, California

We have audited, in accordance with auditing standards generally accepted in the United States of America and the standards applicable to financial audits contained in *Government Auditing Standards*, issued by the Comptroller General of the United States, the financial statements of the governmental activities, each major fund, and the aggregate remaining fund information of San Joaquin Area Flood Control Agency (the Agency), as of and for the year ended June 30, 2021, and the related notes to the financial statements, which collectively comprise the Agency's basic financial statements, and have issued our report thereon dated December 6, 2021.

Internal Control Over Financial Reporting

In planning and performing our audit of the financial statements, we considered the Agency's internal control over financial reporting (internal control) to determine the audit procedures that are appropriate in the circumstances for the purpose of expressing our opinion on the financial statements, but not for the purpose of expressing an opinion on the effectiveness of the Agency's internal control. Accordingly, we do not express an opinion on the effectiveness of the Agency's internal control.

A deficiency in internal control exists when the design or operation of a control does not allow management or employees, in the normal course of performing their assigned functions, to prevent, or detect and correct, misstatements on a timely basis. A *material weakness* is a deficiency, or a combination of deficiencies, in internal control such that there is a reasonable possibility that a material misstatement of the Agency's financial statements will not be prevented, or detected and corrected on a timely basis. A *significant deficiency* is a deficiency, or a combination of deficiencies, in internal control that is less severe than a material weakness, yet important enough to merit attention by those charged with governance.

Our consideration of internal control was for the limited purpose described in the first paragraph of this section and was not designed to identify all deficiencies in internal control that might be material weaknesses or significant deficiencies. Given these limitations, during our audit we did not identify any deficiencies in internal control that we consider to be material weaknesses. However, material weaknesses may exist that have not been identified.

Philip Lantsberger, CPA
Robert Gross, CPA
Nikolas A. Torres, CPA

3461 Brookside Road
Suite E
Stockton, California 95219
Ph: 209.474.1084
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Compliance and Other Matters

As part of obtaining reasonable assurance about whether the Agency's financial statements are free from material misstatement, we performed tests of its compliance with certain provisions of laws, regulations, contracts, and grant agreements, noncompliance with which could have a direct and material effect on the determination of financial statement amounts. However, providing an opinion on compliance with those provisions was not an objective of our audit and, accordingly, we do not express such an opinion. The results of our tests disclosed no instances of noncompliance or other matters that are required to be reported under *Government Auditing Standards*.

Purpose of this Report

The purpose of this report is solely to describe the scope of our testing of internal control and compliance and the results of that testing, and not to provide an opinion on the effectiveness of the Agency's internal control or on compliance. This report is an integral part of an audit performed in accordance with *Government Auditing Standards* in considering the Agency's internal control and compliance. Accordingly, this communication is not suitable for any other purpose.



Stockton, California
December 6, 2021

SAN JOAQUIN AREA FLOOD CONTROL AGENCY

SCHEDULE OF FINDINGS AND QUESTIONED COSTS
JUNE 30, 2021

Section I – Summary of Auditor's Results

Financial Statements

Type of auditor's report issued: Unmodified

Internal control over financial reporting:

Material weaknesses identified?	No
Significant deficiencies identified not considered to be material weakness?	No
Noncompliance material to the financial statements noted?	No

Section II – Summary of Material Weaknesses

None

Section III – Summary of Significant Deficiencies

None

Section IV – Review of Prior Year Material Weaknesses and Significant Deficiencies

None

RESOLUTION NO. SJAFCA 22-02

**SAN JOAQUIN AREA
FLOOD CONTROL AGENCY**

=====

**RESOLUTION TO ACCEPT THE INDEPENDENT AUDITOR'S REPORT AND FINANCIAL
STATEMENTS OF THE SAN JOAQUIN AREA FLOOD CONTROL AGENCY FOR THE
FISCAL YEAR ENDED JUNE 30, 2021**

WHEREAS, Schwartz, Gianinni, Lantsberger and Adamson Accountancy Corporation Certified Public Accountants completed a review of the Agency's financial statements for the year ended June 30, 2021; and

WHEREAS, Schwartz, Gianinni, Lantsberger and Adamson Accountancy Corporation Certified Public Accountants opined that the basic financial statements present fairly in all material respects, the respective financial position of the governmental activities, each major fund, and the aggregate remaining fund information of the San Joaquin Area Flood Control Agency, as of June 30, 2021, and the respective changes in financial position thereof for the year then ended in accordance with accounting principles generally accepted in the United States of America.

BE IT RESOLVED BY THE BOARD OF DIRECTORS OF THE SAN JOAQUIN AREA FLOOD CONTROL AGENCY, AS FOLLOWS:

1. That the Board accepts the attached Independent Auditor's Report and Financial Statements of the San Joaquin Area Flood Control Agency for the fiscal year ended June 30, 2021.

PASSED, APPROVED AND ADOPTED this 27th day of JANUARY, 2022.

DAN WRIGHT, Chair
of the San Joaquin Area
Flood Control Agency

ATTEST:

CHRIS ELIAS
Executive Director/Secretary
of the San Joaquin Area
Flood Control Agency

APPROVED AS TO FORM:

SCOTT L. SHAPIRO, Legal Counsel
for the San Joaquin Area
Flood Control Agency

Agenda Item 5.2

January 27, 2022

TO: San Joaquin Area Flood Control Agency

FROM: Chris Elias, Executive Director

SUBJECT: **CONSULTANT SERVICE AGREEMENTS WITH ENVIRONMENTAL
SCIENCE ASSOCIATES, PETERSON BRUSTAD INC, AND ENGEIO INC
FOR MOSSDALE TRACT AREA URBAN FLOOD RISK REDUCTION
PRELIMINARY DESIGN SUPPORT**

RECOMMENDATION

It is recommended the Board of Directors of the San Joaquin Area Flood Control Agency (SJAFCA or Agency) adopt three resolutions authorizing the Executive Director to respectively:

1. Negotiate and execute an amendment to existing consultant service agreement with Peterson Brustad Inc. (PBI) to support the San Joaquin Area Flood Control Agency (SJAFCA) by conducting preliminary design activities for the preferred alternative and two variants identified in the Mossdale Tract Area Urban Flood Risk Reduction Study (Mossdale UFRR Study). The proposed amendment to the existing PBI consultant service agreements shall have not-to-exceed budget of \$783,302; and,
2. Negotiate and execute an amendment to existing consultant service agreement with Environmental Science Associates (ESA) support SJAFCA by preparing preliminary restoration design plans for the multi-benefit features identified in the preferred alternative of the Mossdale UFRR Study. The proposed amendment to the existing ESA consultant service agreements shall have not-to-exceed budget of \$545,495; and,
3. Negotiate and execute consultant service agreement with ENGEIO Inc. (ENGEIO) to support SJAFCA preliminary design activities for the preferred alternative and two variants identified in the Mossdale UFRR Study. The consultant service agreement shall have not-to-exceed budget of \$1,560,500.

DISCUSSION

Background

SJAFCA and the Department of Water Resources (DWR) have worked in partnership over the past four years on the Mossdale UFRR Study. Through extensive analysis and close coordination during the study, SJAFCA and DWR arrived at a range of alternatives, including a preferred alternative, presented in the final Mossdale UFRR Study report.

As of September 1, 2021, the UFRR funding agreement between SJAFCA and DWR has approximately \$3.8 million in remaining State funds following completion of the study report.

AGENDA ITEM 5.2

These additional funds are provided at a 50% cost share match. A large portion of the local cost share match has already been provided as work-in-kind by the locals through work completed by the Cities of Lathrop and Manteca to advance the required engineering analyses identifying levee deficiencies.

Based on progress made during the study phase, SJAFCA sent a letter to DWR dated May 24, 2021, requesting release of the remaining funds in the UFRR agreement. The letter cited the importance of continuing recent momentum by working toward the environmental analysis, design, and implementation of the critical projects that make up the preferred alternative. It recommended as a next step advancing the environmental analysis and preliminary design activities required to complete California Environmental Quality Act (CEQA) compliance and further develop the multi-objective features identified in the UFRR study. DWR responded with a letter to SJAFCA dated July 8, 2021, approving release of the funds necessary to prepare project-level CEQA analysis of the preferred alternative, contingent on State and SJAFCA approvals of a revised scope, budget, and schedule for these activities.

The schedule for this remaining effort is aggressive as the term of the grant agreement and the requirements on expenditure of Proposition 1E bond funds requires all billing on the UFRR Study project to be completed by December 2022. To meet this December 2022 deadline, DWR provided interim approval on September 29, 2021, to advance up to \$1.5 million in "no regrets" activities while continuing to negotiate a detailed scope for the remaining effort under the UFRR grant with SJAFCA.

As a result of this interim approval, SJAFCA initiated two parallel courses of action. First, SJAFCA requested and received Board approval on October 14, 2021, to negotiate and enter into the consultant services agreements necessary to immediately initiate project-level CEQA analysis of the preferred alternative and further develop the multi-benefit (restoration and recreation) features identified in the UFRR study. Second, SJAFCA engaged DWR in the identification and description of preliminary design activities necessary to advance the preferred project alternative beyond CEQA compliance toward construction.

Initial CEQA efforts for the Manteca Dryland Levee have already been advanced by SJAFCA ahead of the UFRR study completion and are currently in progress. The dryland levee efforts will be coordinated with the overall planning under the UFRR grant to ensure consistency. SJAFCA anticipates obtaining reimbursement or credit through the UFRR grant for the work already completed on the dryland levee analyses. An informational briefing regarding the results of the Manteca dryland levee analysis is expected in February 2022.

Present Situation

SJAFCA and DWR are nearing agreement on a detailed scope, budget, and schedule for use of the remaining funds to (1) complete a CEQA analysis on the preferred alternative identified in the Mossdale UFRR Study, and, (2) complete additional planning and preliminary design activities needed to advance the proposed project towards implementation.

Since receiving Board approval in October, SJAFCA has executed both recommended actions and initiated project-level CEQA analysis of the preferred alternative. It has also initiated discussions with ESA, PBI, and ENGEO to develop the detailed scopes, schedules and budgets necessary to advance preliminary design activities associated with the preferred alternative identified in the Mossdale UFRF Study. Three draft proposals have been received based on these discussion as follows:

1. PBI submitted a final proposal dated January 20, 2022, to (1) develop 35% construction plans for the preferred alternative identified in the Mossdale UFRF Study, and, (2) develop civil design concepts of six (6) restoration sites identified in the Mossdale UFRF Study. The tasks identified in the PBI proposal have a not-to-exceed budget of \$783,302 and are expected to extend to the end of 2023. The proposed budget and associated supplemental scope of work would be an amendment to an existing agreement with PBI for development of the Mossdale UFRF Study valued at \$1,350,305. This amendment would result in a new contract not-to-exceed budget of \$2,133,607.
2. ESA submitted a final proposal dated January 20, 2022, to prepare preliminary restoration design plans for up to eighteen (18) multi-benefit features identified in the preferred alternative of the Mossdale UFRF Study. The tasks identified in the ESA proposal have a not-to-exceed budget of \$545,495 and are expected to extend to the end of 2023. The proposed budget and associated supplemental scope of work would be an amendment to an existing agreement with ESA for Mossdale UFRF Study CEQA compliance valued at \$1,179,365. This amendment would result in a new contract not-to-exceed budget of \$1,724,860.
3. ENGEO submitted a final proposal dated January 20, 2022, to (1) conduct geotechnical data collection, laboratory analysis, and engineering analysis of the preferred alignment of the Manteca dryland levee, (2) conduct geotechnical data collection, laboratory analysis, and engineering analysis along the proposed cutoff wall alignment, and (3) conduct a regional groundwater impact analysis in the vicinity of the proposed Manteca dryland levee extension. The tasks identified in the ENGEO proposal have a not-to-exceed budget of \$1,560,500 and are expected to extend to the end of 2023. The proposed budget and associated scope of work would be a new contract between SJAFCA and ENGEO.

Next Steps

As a next step, staff recommends the Board of Directors authorize the Executive Director to:

1. Negotiate and execute an amendment to existing consultant service agreement with PBI to support SJAFCA by conducting preliminary design activities for the preferred alternative and two variants identified in the Mossdale UFRF Study. The proposed amendment to the existing PBI consultant service agreements shall have not-to-exceed budget of \$783,302; and,

2. Negotiate and execute an amendment to existing consultant service agreement with ESA support SJAFCA by preparing preliminary restoration design plans for the multi-benefit features identified in the preferred alternative of the Mossdale UFRR Study. The proposed amendment to the existing ESA consultant service agreements shall have not-to-exceed budget of \$545,495; and,
3. Negotiate and execute consultant service agreement with ENGEO to support SJAFCA preliminary design activities for the preferred alternative and two variants identified in the Mossdale UFRR Study. The consultant service agreement shall have not-to-exceed budget of \$1,560,500.

FISCAL IMPACT

The cumulative not-to-exceed budget of the PBI, ESA, and ENGEO contracts is \$2,889,297. SJAFCA proposes to limit the notice-to-proceed under each Agreement to the activities and budget approved at that time by DWR to limit any financial risk to the Agency.

These proposals fall within the current fiscal year 2021/2022 budget for the Agreements to advance CEQA compliance and preliminary design for the preferred alternative and two variants identified in the Mossdale UFRR Study.

Strategic Plan Consistency Analysis

The material found in this report is consistent with the Mission and Goals of the Board-adopted Strategic Plan, specifically Goal 1 to Plan for and Implement System Resiliency.



CHRIS ELIAS
EXECUTIVE DIRECTOR

Attachments

1. Proposal from Peterson Brustad Inc, dated January 20, 2022, titled, Proposal for Consulting Services for the Mossdale Tract Area Urban Flood Risk Reduction (UFRR) Project Preliminary Design Activities.
2. Proposal from Environmental Science Associates dated January 20, 2022, titled, Mossdale Tract Urban Flood Risk Reduction CEQA Support Services – Preliminary Restoration Engineering and Design.
3. Proposal from ENGEO Inc, dated January 20, 2022, titled, Mossdale Tract Urban Flood Risk Reduction (UFRR) Project; Stockton, Lathrop, and Manteca, California; Proposal for Preliminary Design Activities.



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January 20, 2022

Chris Elias, Executive Director
San Joaquin Area Flood Control Agency
22 East Weber Avenue, Room 301
Stockton, California 95202

Subject: Mossdale Tract Urban Flood Risk Reduction CEQA Support Services - Preliminary Restoration Engineering and Design

Dear Mr. Elias:

On November 10, 2021, Environmental Science Associates (ESA) entered into an agreement with the San Joaquin Area Flood Control Agency (SJAFCA) to provide CEQA support services for the proposed Mossdale Tract Urban Flood Risk Reduction (UFRR) Project (Project.). The proposed Project consists of developing a plan acceptable to both local and State sponsors to achieve an urban level of protection (ULOP) in the Mossdale Tract Area through a series of flood risk reduction measures, including improvements to the existing levee system.

As part of this effort, SJAFCA is seeking to further develop preliminary engineering designs and cost estimates for restoration elements of the Mossdale Tract Area Urban Flood Risk Reduction (UFRR) Program. On January 16, 2022, ESA received a request via email from SJAFCA's representatives requesting a proposed scope of work comprising refinement of reconnaissance-level restoration concepts currently being developed by ESA to support development of the CEQA project description. In response to that request, we have prepared the proposed scope of work is shown on **Attachment A**, and corresponding fee estimate shown on **Attachment B**.

The proposed work will include identification and screening of up to two (2) conceptual alternatives at each site, and advance preferred alternatives identified through this process to preliminary (10%) design drawings and cost estimates. ESA will work directly with DWR and SJAFCA on the planning and development of this work. The effort will also include close coordination and feedback with the PBI team to assess any changes in flood conveyance from the restoration actions. Based on our current understanding of the proposed program, these restoration projects would include up to eighteen (18) restoration sites (UFRR Alternative 4a plus five alternative sites).

Sincerely,

A handwritten signature in black ink that reads "John Pritchard". The signature is written in a cursive, flowing style.

John Pritchard, P.E., CFM

A handwritten signature in blue ink that reads "Catherine C. McEfee". The signature is written in a cursive, flowing style.

Catherine C. McEfee, Vice President

Task 12 - Preliminary Restoration Engineering and Design

SJAFCA is seeking to further develop preliminary engineering designs and cost estimates for restoration elements of the Mossdale Tract Area Urban Flood Risk Reduction (UFRR) Program. This work comprises refinement of reconnaissance-level restoration concepts currently being developed by ESA under Task 2. The proposed work will include identification and screening of up to two (2) conceptual alternatives at each site, and advance preferred alternatives identified through this process to preliminary (10%) design drawings and cost estimates. ESA will work directly with DWR and SJAFCA on the planning and development of this work. The effort will also include close coordination and feedback with the PBI team to assess any changes in flood conveyance from the restoration actions. Based on our current understanding of the proposed program, these restoration projects would include up to eighteen (18) restoration sites (UFRR Alternative 4a plus five alternative sites).

Task 12.1: Project Initiation

ESA's project management team and key technical staff will participate in a meeting to initiate preparation preliminary restoration design for the proposed Mossdale Tract Area UFRR project (proposed project). During the meeting, ESA, the engineering team, and SJAFCA staff will review the data needs spreadsheet and identify any additional data needed for preparing the preliminary engineering design. This meeting will also be used to discuss dates/times for project progress meetings; topics related to land owner and agency engagement; communication protocols; confirmation of level of review of project elements; and project schedule, including key project deliverable milestones.

Task 12.1 Deliverables:

- Agenda
- Revised data gaps memorandum for preliminary restoration design, if needed
- Action Items
- Refined project schedule

Task 12.2: Develop Ecological Design Criteria

ESA will identify and summarize relevant design criteria to allow the target aquatic and terrestrial species (previously identified in Task 2.1) appropriate access to and egress from the different areas of the project sites. Design considerations will include anticipated seasonal hydrologic conditions as well as the seasonal timing of the different fish life stages present in the Lower San Joaquin River and South Delta. Design criteria will be developed in consultation with relevant regulatory agencies including CDFW and NMFS, and are expected to include:

- Habitat suitability (depth, velocity, duration, and timing) thresholds for target aquatic and terrestrial species, as well as floodplain and riparian vegetation.
- Hydrology, hydraulics, and geomorphic design criteria relevant to habitat design.

Task 12.2 Deliverables:

- ESA will present draft ecological design criteria to SJAFCA via a web-based video conference meeting. Ecological criteria will be finalized as part of the Basis of Design technical memorandum prepared in Task 7.

1/20/22

Task 12.3: Restoration Hydrologic and Hydraulic Analysis

The purpose of this task is to support refinement of the reconnaissance-level restoration concepts developed for the six (6) larger floodplain restoration sites (RM 52 and the five alternative sites) as part of Task 2.1 (Project Description) based on hydrologic and hydraulic analysis results. We assume that, given their size, the smaller restoration sites will not require detailed hydraulic analysis beyond what was developed previously in the reconnaissance-level planning effort performed in Task 2.

ESA will first review the existing hydraulic models and inform SJAFCA of any necessary model refinements that may adversely affect the project schedule or budget. We also anticipate reviewing and refining hydrologic assumptions relevant to ecological flows, including review of anticipated effects of climate change. ESA will conduct hydraulic modeling analysis of up to two project alternatives per site under this subtask (six sites total). Model results will be used to assess hydraulic effects from implementation of alternatives, including changes in inundation depths and durations, velocities, and shear stresses within the vicinity of each site.

Assumptions:

- HEC-RAS models for the Mossdale Tract area have been developed and calibrated to high flow flood conditions previously by others. We assume that these same models can be adapted for evaluation of without- and with-Project conditions for low flow conditions with minimal refinement.
- ESA will utilize industry standard software (HEC-EMF, HQT, or similar) to perform preliminary evaluations of ecologically relevant hydrologic and hydraulic conditions at each site for purposes of informing the preliminary restoration design.
- ESA will coordinate any flood hydraulic effects analysis with PBI (e.g., effect of increasing floodplain roughness, grading, etc.)

Task 12.3 Deliverables:

- ESA will present draft modeling results to SJAFCA via a web-based video conference meeting, and provide recommendations related to identifying, selecting, and potentially modifying preferred alternatives at each of the larger floodplain sites (RM 52 and the five alternative sites).
- Analysis of the refined Preferred Alternative will be documented in the Basis of Preliminary Restoration Design technical memorandum being prepared in Task 12.7.

Task 12.4: Field Survey Verification

ESA will rely primarily on DWR Delta LiDAR 2017 dataset and bathymetric datasets (e.g. CVFED, etc.) for characterizing the base topography at each of the restoration sites. ESA will perform supplemental field surveys at each site to verify accuracy of LiDAR data and surface modeling, including in areas that may have been obscured by vegetation or water during the time of the LiDAR data collection.

Assumptions:

- Survey control will be established by SJAFCA or its contractors.
- Base survey data will be provided by DWR LiDAR and bathymetry surveys

Task 12.4 Deliverables:

- Survey data will be delivered in CAD and GIS formats.

1/20/22

Task 12.5: Preliminary Restoration Design Plans

ESA will develop a preliminary design of each of the restoration sites. The crux of design development will be to create habitat features based in the Ecological Design Criteria developed in Task 12.2.

The Preliminary Restoration Design will articulate the scope and scale of the proposed project, identify site extents, restoration layout and elements, project constraints and limits and show the general dimensions and design elevations of any enhanced floodplain connection(s) and other habitat features.

Preliminary Restoration Design drawings will be developed in CAD using a base map created from readily-available LiDAR topography of the project sites. The design may consist of floodplain grading, and potentially other floodplain enhancement elements, such as biotechnical and/or vegetation planting features.

The exact approach for the Preliminary Restoration Design will depend on the outcomes of Task 2 and Task 12.3. For now, we have budgeted for up to 76 sheets as outlined in Table 1 below:

Table 1 – Provisional Preliminary Restoration Design Plan Set Sheet List

Description	No. of Sheets
Title sheet, Location, & Vicinity Maps, List of Drawings	1
Legend, Abbreviations, and General Notes	1
Site Key Plan	1
Existing Conditions	18
Grading Plan (plan view)	18
Typical Grading Sections (1 to 2)	18
Planting Plan (plan view)	18
Typical Enhancement Details	1
Total	76

Task 12.5 Deliverables:

- Preliminary Restoration Design Drawings (pdf format, with CAD files available upon request).

Task 12.6: Preliminary Restoration Design Cost Estimate

Based on plans developed in Task 12.5, ESA will estimate construction quantities and develop a preliminary opinion of probable cost for each of the 18 restoration sites.

Task 12.6 Deliverables:

- Preliminary Opinion of Probable Cost

Task 12.7: Basis of Preliminary Restoration Design Technical Memorandum

ESA will prepare a technical memorandum that provides a concise description of the process used to select and design of the Preferred Alternative at each restoration site. We anticipate that this document can be adapted and refined in later stages of the design process to prepare a Basis of Design Report that will also be used to help support future permitting.

1/20/22

Assumptions:

- We assume that DWR and SJAFCA will review deliverables under this subtask concurrently.
- Preliminary versions of the Draft technical memorandum may be shared with SJAFCA and DWR for general feedback, but not for specific review and comment.
- SJAFCA and DWR will provide a single set of consolidated comments on the Draft technical memorandum to ESA to consider in generating the Final technical memorandum.

Task 12.7 Deliverables:

- Draft technical memorandum
- Final technical memorandum

Task 12.8: Project Management and Team Meetings

Ongoing project management efforts will include internal coordination and check-ins with ESA staff and coordination with SJAFCA and the engineering team throughout development of the preliminary restoration design package. ESA's Project Director and Restoration Design Task Lead will participate in fourteen (14) 1.5 hour (inclusive of preparation time) bi-weekly virtual calls/meetings through development of the preliminary restoration engineering design (8 months).

ESA staff will participate in planning and preparation for up to four (4) site visits with SJAFCA, DWR, and other agencies (e.g. CDFW, USFWS, etc.). It is assumed that ESA's Project Director, Restoration Design Task Lead, and other technical staff will participate in these site visits. ESA will support SJAFCA with planning and coordinating site visits, preparing briefing materials (handouts, maps, etc.), and preparing notes upon request.

ESA will also participate in a total of three (3) virtual calls/meetings to review comments on the preliminary restoration engineering package. It is assumed that ESA's Project Director and Project Manager and key technical staff will participate in these meetings. It is assumed each of these meetings would require approximately four (4) hours and would occur as part of the following tasks/subtask:

- Task 12.3
- Task 12.5
- Task 12.6

ESA will deliver one presentation to SJAFCA's Board of Directors. This effort is anticipated to require development of a draft staff report and a PowerPoint presentation for the meeting itself. We assume that this meeting will be held in-person, and attended by ESA's Project Director and Restoration Design Task Lead.

This task also includes one (1) hour per month of project manage time for ESA's Project Director and two (2) hours per month of ESA's Restoration Design Task Lead to track budget and schedule, prepare progress reports and coordination tasks.

Task 12.8 Deliverables:

- Draft and final meeting agendas, presentation materials, and notes (upon request)

1/20/22

Schedule and Budget

The overall schedule to complete the scope outlined below is assumed to be performed in parallel with the Reconnaissance-level Restoration Planning task. Schedule assumes Notice to Proceed (NTP) is received by ESA in February, and no later than April 1, 2022 such that all work would be completed by December 31, 2022. A rough outline of the proposed tasks and schedule are shown below. Total fee for proposed services is \$545,495 (see Attachment A).

Table 2 – Schedule

Task No.	Task Description	Approx. Delivery Schedule
12.1	Project Initiation	1 month after NTP
12.2	Develop Ecological Design Criteria	1 month after NTP
12.3	Restoration Hydrologic and Hydraulic Analysis	3 months after NTP
12.4	Field Survey Verification	3 months after NTP
12.5	Preliminary Restoration Design Plans	7 months after NTP
12.6	Preliminary Restoration Design Cost Estimate	8 months after NTP
12.7	Basis of Preliminary Restoration Design Memo	8 months after NTP
12.8	Project Management and Team Meetings	Ongoing

Attachment B: Cost Proposal
ESA Labor Detail and Expense Summary

2021 Employee Billing Rates													
Labor Category		Senior Director III	Director II	Managing Associate III	Managing Associate I	Senior Associate II	Senior Associate I	Associate III	Associate II	Subtotal	Project Technician II	Subtotal	Labor Price
Task #	Task Name/Description	\$ 325	\$ 245	\$ 220	\$ 190	\$ 170	\$ 160	\$ 145	\$ 135	\$	\$ 130	\$	
12.0	Preliminary Restoration Engineering and Design												
12.1	Project Initiation		12	30		8				\$ 10,900		\$ -	\$ -
12.2	Develop Ecological Design Criteria		8	40		16	16			\$ 16,040		\$ -	\$ 10,900
12.3	Restoration Hydrologic and Hydraulic Analysis		60	16			248			\$ 37,900		\$ -	\$ 16,040
12.4	Field Survey Verification		4		54			55	139	\$ 37,980		\$ -	\$ 37,980
12.5	Preliminary Restoration Design Plans	40	40	360		600	360			\$ 264,800		\$ -	\$ 264,800
12.6	Preliminary Restoration Design Cost Estimate	8		32		58	40			\$ 26,880		\$ -	\$ 26,880
12.7	Basin of Preliminary Restoration Design TM	6	8	54		64			8	\$ 27,750	12	\$ 1,560	\$ 29,310
12.8	Project Management and Team Meetings	40	170	140		20				\$ 88,950		\$ -	\$ 88,950
Total Hours		94	306	672	54	765	684	55	147	2778	12	12	2,790
Total Labor Costs		\$ 30,550	\$ 74,970	\$ 147,840	\$ 10,260	\$ 130,220	\$ 108,440	\$ 7,975	\$ 19,845	\$ 537,100	\$ 1,560	\$ 1,560	\$ 532,660
Percent of Effort - Labor Hours Only		3.4%	11.0%	24.1%	1.9%	27.5%	24.5%	2.0%	5.3%	90.6%	0.4%	0.4%	100.0%
Percent of Effort - Total Project Cost		5.8%	13.7%	27.1%	1.9%	23.9%	20.1%	1.5%	3.6%		0.3%		97.6%
PROJECT TOTAL													
												\$	545,495

FSA Labor Cost \$ 532,660
 Labor Cost Communication Fee (Waived) \$ -
 ESA Non-Labor Expenses \$ 6,240
 Reimbursable Expenses \$ 8,595
 ESA Equipment Usage \$ 12,835
 Subtotal ESA Non-Labor Expenses \$ 27,670

PETERSON . BRUSTAD . INC
ENGINEERING . CONSULTING



January 20, 2022

Mr. Chris Elias
San Joaquin Area Flood Control Agency
Executive Director
22 E. Weber Avenue, Room 301
Stockton, CA 95202-2317

Subject: Proposal for Consulting Services for the Mossdale Tract Area Urban Flood Risk Reduction (UFRR) Project Preliminary Design Activities

Dear Chris,

Peterson Brustad, Inc. (PBI) is pleased to submit to you our proposal for Consulting Services for the Mossdale Tract Area Urban Flood Risk Reduction (UFRR) Project Preliminary Design Activities.

Our team has a history of proven performance on SJAFCA projects as well as specifically with efforts related to the Mossdale Tract area. Because of this history, we have a thorough understanding of the issues in this area and of the services required for this effort.

PBI's team is equipped with the unique experiences and expertise needed to successfully implement this project.

We look forward to assisting you and have attached our proposal. If you have any questions or need any additional information, please don't hesitate to contact us.

Sincerely,

Karl Brustad, P.E.
Principal
Peterson Brustad, Inc.
Office: (916) 608-2212 ext. 113
Cell: (916) 804-6671
kbrustad@pbieng.com

80 Blue Ravine Rd, Suite 280, Folsom, CA 95630
916-608-2212
www.pbiengineering.com

San Joaquin Area Flood Control Agency (SJAFC)

Mossdale Tract Area Urban Flood Risk Reduction (UFRR) Project Preliminary Design Activities

**Peterson Brustad, Inc. (PBI)
Kjeldsen, Sinnock & Neudeck, Inc. (KSN)**

Scope of Services

January 20, 2022

Peterson Brustad, Inc. (PBI), along with subconsultant Kjeldsen, Sinnock, and Neudeck (KSN) ("PBI Team"), proposes the following scope of work to provide preliminary design activities to the San Joaquin Area Flood Control Agency (SJAFC) under the DWR Mossdale Tract Urban Flood Risk Reduction (UFRR) Agreement.

Preliminary design activities include (a) development of 35% design documents for the proposed Mossdale Tract Levee Improvement Project (Mossdale Project), and (b) development of civil design concepts for the restoration sites that are associated with the Mossdale Project.

The following provides a description of the scope of work anticipated for this effort.

Scope of Work

Task 1.0 Project Management / Administration

Project management activities include, but are not limited to, background data gathering and review, coordination between PBI, KSN, and SJAFC (or their designated representative), preparing monthly invoices, and general management oversight the scope of work.

Task 2.0 35% Design Documents

KSN will perform and coordinate all design tasks required for the preparation of the initial Design Documents at a 35% level of design for the project. PBI's role in Task 2 will be to coordinate with KSN throughout the development of the design documents, provide hydraulic information such as water surface profiles, channel velocities, and other data as needed, and review/provide comments on all design documents.

The 35% Design Documents will include improvement plans that will document the proposed levee improvements including, but not limited to, project control and geometrics; grading design; pipe penetration and encroachment modifications and design; and levee slope erosion protection. An inventory of all utilities, encroachments, and other facilities within the project footprint will be identified and an initial assessment of whether they can be protected-in-place or require relocation will be completed as part of this task. In addition, the 35% Design Documents will include a specification outline for the project. This effort will refine the preliminary design for the proposed ULDC levee improvements and will incorporate the levee reaches and geotechnical design recommendations from the 2016 ULDC Engineer's Report and the subsequent 2021 Climate Change Update.

The 35% improvement plans will be prepared on base sheets with the topographic survey data obtained for the 2016 ULDC Engineer's Report as a background, at an appropriate scale. Areas requiring greater detail will be prepared as needed. The plans will be prepared on a 24" by 36" sheet size with a print area that will permit half scale plans to be printed on 11" by 17" sheets. The improvement plans are anticipated to consist of approximately 350 sheets including the following:

- Title Sheet
- General Notes
- Project Survey Control
- Base Map
- Plan and Profile
- Cross Sections
- Pipe Penetration Modifications
- Encroachment Modifications
- Large Scale Views
- Typical Details

A preliminary specification outline will also be prepared for the project.

Additional details, assumptions, and understandings are provided at the end of this scope of work.

Task 3.0 Development of Civil Design Concepts for Restoration Sites

PBI will assist in the development of civil design concepts for the restoration sites that are associated with the Mossdale Project. It is assumed that PBI's effort will focus on the six (6) restoration sites identified in the UFRR feasibility study (RM52 setback + 5 alternative sites).

Under separate contract with SJAFCA, Environmental Science Associates (ESA) developed a scope of work to advance conceptual design of the environmental components of the Mossdale Project restoration sites. The PBI Teams' efforts for the conceptual development of the restoration sites will focus on hydraulics and civil design features, whereas ESA's efforts will focus on habitat features and environmental analyses.

PBI's effort will include:

- Planning and hydraulic modeling at each site to identify engineering components such as weirs, pumps, culverts, etc. that are needed to inundate and de-water the areas at a specified recurrence interval
- Developing conceptual (10% level) plan and profile layouts for engineering components needed at each restoration site
- Developing feasibility-level Cost estimate for engineering components needed at each restoration site
- Developing a Technical Memo to describe the above activities

Assumptions and Understandings

1. Project duration assumes completion by end of calendar year 2022.

2. The topographic surveying data obtained for the 2016 ULDC Engineer's Report will be used as the basis for this scope of work. No further surveying work is anticipated or included.
3. The proposed levee improvements and levee reaches described in the 2016 ULDC Engineer's Report and the subsequent 2021 Climate Change Update will be used as the basis for this scope of work.
4. The geotechnical design recommendations from the 2016 ULDC Engineer's Report and the subsequent 2021 Climate Change Update will be used as the basis for this scope of work.
5. All preliminary boundary or right-of-way work is not included.
6. The incorporation of the extension of the Mossdale Dryland Levee is included.

Budget

The estimated cost for the scope of work described above is \$783,302. A detailed budget estimate is provided in **Attachment A**; rate schedules for PBI and KSN are provided in **Attachment B**.

Schedule

The scope of work described above is estimated to be completed by the end of calendar year 2022.

ATTACHMENT A

OVERALL BUDGET ESTIMATE

San Joaquin Area Flood Control Agency (SJAFC)
 Mossdale Tract Area Urban Flood Risk Reduction (UFR) Study
 Supplemental Design Activities

 Peterson Brustad, Inc. (PBI) & Kjeldsen, Sinnock & Neudeck, Inc. (KSN)

BUDGET ESTIMATE

Tasks and Descriptions	PETERSON BRUSTAD, INC. STAFF HOURS & BUDGET										KJELDTSEN, SINNOCK & NEUDECK, INC. STAFF HOURS & BUDGET										
	Principal	Project Manager	Project Engineer 1 (Subcontractor)	Staff Engineer 2 (Subcontractor)	Admin 4 (D'Ambrosio)	Total PBI Labor Hours	Total PBI Labor Budget	PBI Markup for Indirect Expenses (%)	PBI Total Budget	Principal Engineer	Associate Engineer	Engineer I	Senior Surveyor	Tech/GIS/CAD III	Total KSN Labor Hours	Total KSN Labor Budget	KSN Other Direct Expenses	KSN Total Budget	PBI Markup on Subcontractor Labor (%)	ESTIMATED TOTAL BUDGET	
1.0 Project Management / Administration																					
1.1 Project Management / Administration	2	48	12	12	24	58	\$ 18,446	\$ 822	\$ 19,268	16	40	-	-	-	58	\$ 13,840	-	\$ 13,840	\$ 682	\$ 33,900	
Task 1 Subtotal	2	48	12	12	24	58	\$ 18,446	\$ 822	\$ 19,268	16	40	-	-	-	58	\$ 13,840	-	\$ 13,840	\$ 682	\$ 33,900	
2.0 35% Construction Documents																					
2.1 Title Sheet		1				1	\$ 240	\$ -	\$ -						4	\$ 960	\$ -	\$ 960	\$ 48	\$ 1,008	
2.2 General Notes																					
2.3 Survey Control Plan		1				1	\$ 240	\$ -	\$ -				4		8	\$ 1,920	\$ -	\$ 1,920	\$ 96	\$ 2,288	
2.4 Base Map						8	\$ 1,920	\$ 96	\$ 2,016	4	8	8	912		324	\$ 167,400	\$ -	\$ 167,400	\$ 8,397	\$ 177,513	
2.4 Plan & Profile (90,930 LF, 800 LF per sheet)		8				8	\$ 1,920	\$ 96	\$ 2,016	4	8	912			324	\$ 167,400	\$ -	\$ 167,400	\$ 8,397	\$ 177,513	
2.5 Cross Sections (970 sections @ 100' spacing, 6 sections per sheet)		24				24	\$ 5,760	\$ 288	\$ 6,048	4	120	472			586	\$ 114,828	\$ -	\$ 114,828	\$ 5,741	\$ 125,669	
2.6 Pipe Penetration Modifications		16				16	\$ 3,840	\$ 192	\$ 4,032	8	64	198			258	\$ 50,860	\$ -	\$ 50,860	\$ 2,549	\$ 57,540	
2.7 Erosion Protection Inventory, Assessment, and Modifications		2				2	\$ 480	\$ 24	\$ 504		8	40			48	\$ 9,120	\$ -	\$ 9,120	\$ 458	\$ 10,060	
2.8 Details		4				4	\$ 960	\$ 48	\$ 1,008		16	258			32	\$ 5,960	\$ -	\$ 5,960	\$ 298	\$ 6,906	
2.9 Spec Outline		2				2	\$ 480	\$ 24	\$ 504	4	8	40			82	\$ 8,860	\$ -	\$ 8,860	\$ 443	\$ 9,807	
2.10 Utility Research - Part A (Dryland Levee Extension Only)		4				4	\$ 960	\$ 48	\$ 1,008		16	258			32	\$ 5,960	\$ -	\$ 5,960	\$ 298	\$ 6,906	
Task 2 Subtotal	86	-	-	-	-	68	\$ 15,840	\$ 792	\$ 16,632	32	258	2,522	4	40	2,854	\$ 530,620	\$ -	\$ 530,620	\$ 28,537	\$ 573,783	
3.0 Development of Civil Design Concepts for Restoration Sites																					
3.1 Planning and Pre-Design Analyses		120	192	288		600	\$ 105,216	\$ 5,261	\$ 110,477						-	\$ -	\$ -	\$ -	\$ -	\$ 110,477	
3.2 Conceptual (10% level) Plan and Profile Layouts		20	40	60		120	\$ 20,720	\$ 1,036	\$ 21,756						-	\$ -	\$ -	\$ -	\$ -	\$ 21,756	
3.3 Feasibility-Level Cost Estimate		20	40	60		100	\$ 17,720	\$ 886	\$ 18,606						-	\$ -	\$ -	\$ -	\$ -	\$ 18,606	
3.4 Technical Memo		32	40	60		132	\$ 23,600	\$ 1,180	\$ 24,780						-	\$ -	\$ -	\$ -	\$ -	\$ 24,780	
Task 3 Subtotal	152	372	448		-	952	\$ 167,256	\$ 8,363	\$ 175,619			-	-	-	-	\$ -	\$ -	\$ -	\$ -	\$ 175,619	
TOTALS	2	306	324	460	24	1,116	\$ 201,542	\$ 10,077	\$ 211,619	48	286	2,522	4	40	2,910	\$ 544,460	\$ -	\$ 544,460	\$ 27,223	\$ 783,302	
																			TOTAL ESTIMATED BUDGET		\$ 783,302

ATTACHMENT B

RATE SCHEDULES FOR PBI & KSN



2022 MOSSDALE UFRR RATE SCHEDULE *

Position	Description	Hourly Billing Rate
E9	Principal Engineer	\$265
E8	Senior Engineer 3 Project Manager 3	\$240
E7	Senior Engineer 2 Project Manager 2	\$218
E6	Senior Engineer 1 Project Manager 1	\$200
E5	Project Engineer 3	\$195
E4	Project Engineer 2	\$185
E3	Project Engineer 1	\$173
E2	Staff Engineer 2	\$150
E1	Staff Engineer 1	\$132
T4	Technician 4	\$145
T3	Technician 3	\$132
T2	Technician 2	\$110
T1	Technician 1	\$100
A4	Administrative 4	\$105
A3	Administrative 3	\$93
A2	Administrative 2	\$80
A1	Administrative 1	\$66

Expenses

- At cost plus 5% for outside printing, plotting, copying, travel, subconsultants, and outside services and charges
- At 5% of Labor for in-house expenses including telephone, computer, and incidental copying and printing
- Auto mileage per current Federal Rates

* Rates will be modified January 1 of each year.

**2021 / 2022 FEE SCHEDULE
PREVAILING WAGE PROJECTS
Effective July 1, 2021**

Position	Rate
Principal Engineer	\$ 265.00
Associate Engineer	\$ 240.00
Senior Engineer	\$ 210.00
Engineer II	\$ 190.00
Engineer I	\$ 180.00
Junior Engineer	\$ 147.00
Senior Surveyor	\$ 215.00
Surveyor	\$ 185.00
Assistant Surveyor	\$ 155.00
Field Crew-One Man & Vehicle	\$ 210.00
Field Crew-Two Man & Vehicle	\$ 320.00
Inspector	\$ 165.00
Inspector & Vehicle	\$ 195.00
Senior Project Manager	\$ 235.00
Project Manager	\$ 200.00
Assistant Project Manager	\$ 180.00
Grant Manager	\$ 155.00
GIS Specialist	\$ 150.00
GIS/CAD Technician III	\$ 147.00
GIS/CAD Technician II	\$ 130.00
GIS/CAD Technician I	\$ 100.00
Project Accountant	\$ 141.00
Administrative III	\$ 110.00
Administrative II	\$ 95.00
Administrative I	\$ 80.00

Equipment	Hourly Rate
3D Print Cloud Work Station	\$ 25.00
GPS Receivers-Per Receiver Per Hour	\$ 25.00
Robotic Total Station	\$ 35.00
HDS Scanner	\$ 150.00
Boat	\$ 55.00

Expenses	
Auto Mileage per current Federal Rates	
Special Consultants	Cost Plus 10%
Reimbursable Expenses	Cost Plus 10%
(Printing, Photos, Copies, Travel, Telephone, Fax, Survey Materials, etc.)	

Additional charges may apply for overtime services.

Fees are due and payable within 30 days from the date of billing. Fees past due may be subject to a finance charge computed on the basis of 1 1/2% of the unpaid balance per month.

Hourly rates are subject to review and adjustment July 1st of each year.



GEOTECHNICAL
ENVIRONMENTAL
WATER RESOURCES
CONSTRUCTION SERVICES
COASTAL/MARINE GEOTECHNICS

Project No.
P2022.000.009

January 20, 2022

Mr. Eric Nagy
Larsen Wurzel & Associates, Inc.
2450 Venture Oaks Way, Suite 250
Sacramento, CA 95833

Subject: Mossdale Tract Urban Flood Risk Reduction (UFRR) Project
Stockton, Lathrop and Manteca, California

PROPOSAL FOR PRELIMINARY DESIGN ACTIVITIES

Dear Mr. Nagy:

ENGEO is pleased to provide this proposal for supplemental design services for Mossdale Tract Urban Flood Risk Reduction (UFRR) Project in Stockton, Lathrop, and Manteca, California. The purpose of our study is to evaluate the currently preferred dry-land levee alignment based on the 2012 Urban Levee Design Criteria (ULDC) with the intent of refining the levee cross-section that will satisfy a 200-year Urban Level of Protection (ULOP) finding. In addition, our services will also include a supplemental exploration for proposed cut-off wall segments throughout RD-17 and a preliminary groundwater study from the incorporation of a cut-off wall system. For our use, we were provided the following.

1. KSN; Technical Memorandum – Consolidated Cost Estimate; San Joaquin Area Flood Control Agency – Mossdale Tract Area ULDC Climate Change Adjustment; January 29, 2021.
2. KSN; Urban Levee Design Criteria Project Sites (Exhibit 1); March 23, 2021.
3. Wood-Rodgers; DRAFT Alternatives Analysis Report; Manteca Dryland Levee Project; November 2021.

We provide our understanding of the areas to be improved with the dry-land levee and cut off walls in our project description below.

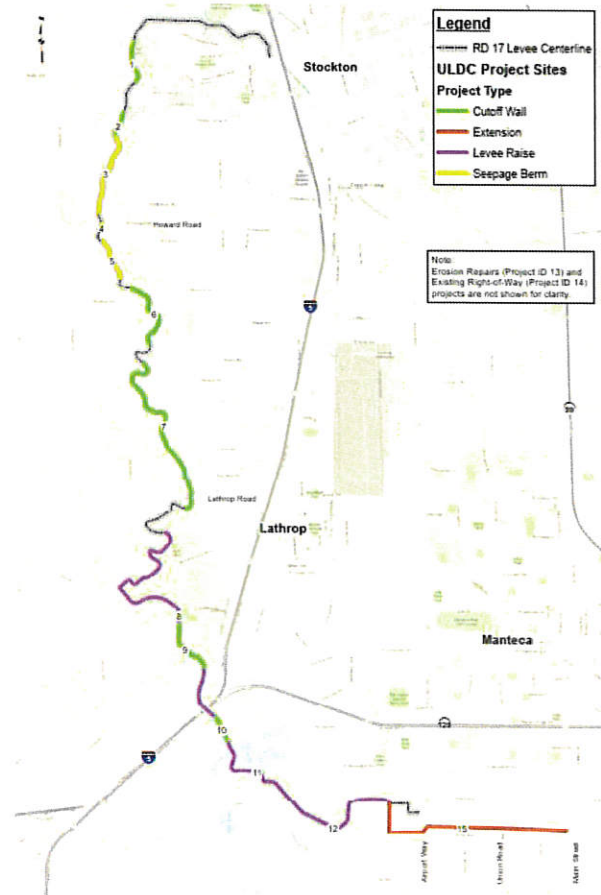
PROJECT DESCRIPTION

The Mossdale Tract levee system consists of a continuous earthen levee embankment adjacent to French Camp Slough, the San Joaquin River, and Walthall Slough, as well as an existing dry-land levee on the southern end of the district. Based on our review of Reference 2, we understand select areas of the Mossdale tract levee system are to be improved with cut-off walls and a new dry-land levee extension shown in green and red below.

Based on our review, approximately 29,500 feet of the alignment along the San Joaquin River may include cut-off wall improvements. In addition, we understand the dry-land levee may be extended by approximately 15,000 feet.

The intent of our scope of services, as described in this proposal, is to provide the geotechnical analysis to refine the current levee design cross-sections and cut-off wall depths. We propose to do this by collecting additional subsurface information (to supplement existing data), analyzing the seepage, stability, and potential settlement of the proposed new dry-land levee embankments in general accordance with the ULDC, and provide a report containing our findings and conclusions. In addition, the intent of our cut-off wall exploration is to refine minimum embedment of the cut-off wall based on an updated levee profile and foundation soil understanding. Lastly, a groundwater study will also be performed to understand the impact a cut-off wall alternative may impose on groundwater conditions along the dry-land levee extension alignment. Note our exploration and analysis will be limited to areas within the district easements, city right of way and will exclude private property.

EXHIBIT 1: KSN Exhibit 1 of ULDC Project Sites



SCOPE OF SERVICES

Task 1 – Dry-Land Levee Evaluation

Field Exploration

In order to understand the subsurface conditions along the proposed dry-land levee alignment, we propose to perform subsurface field investigation in public right-of-away areas. Our field exploration will include approximately 24 cone penetration test (CPT) soundings and approximately six exploratory borings.

**EXHIBIT 2: Proposed Explorations Along Dry-Land Levee
(Borings - Green, CPTs – Pink, Existing Data - Blue)**



Note in order to meet ULDC design exploration requirements, a minimum exploration quantity of 4 and a spacing of 500 to 1,000 feet is required. As shown in Exhibit 2, the majority of the alignment is located within private property and therefore is not accessible since permission has not been granted prior to this proposal. Therefore, the intent of this subsurface exploration is to evaluate areas where access is achievable and within the local city/county rights-of-way. The information gathered during our exploration program will be added to our existing explorations and directed towards identifying cross-section locations and performing seepage, slope stability, and settlement analyses, refining levee design cross-section recommendations, as necessary, and preparing an evaluation report. As shown on Exhibit 2, the eastern terminus area of the dryland levee extension has experienced recent development activity. We have included proposed explorations to the east and west of the development activity that could be adjusted prior to performing the explorations as needed.

Boring and CPT explorations will be performed to depths equal to at least three times the anticipated height of the levee below the levee foundation or the depth required to achieve adequate cut-off wall embedment. We anticipate depths ranging from approximately 50 to 80 feet. A qualified ENGEO representative will coordinate and observe the CPT and boring operations. Exploration data will be reviewed by an engineering geologist and graphical logs will be prepared for reporting efforts. We will mark our explorations and notify Underground Service Alert (USA) at least 48 hours prior to performing our subsurface exploration.

Our exploration program will be executed in general accordance with the ULDC guidelines, which reference the Sacramento District U.S. Army Corps of Engineers, Standard Operating Procedure Engineering Design Guidance 2003 (SOP EDG-03) for Geotechnical Practice.

At a minimum, soil samples will be taken at approximately 5-foot intervals to the termination of the boring. More frequent sampling will occur within the blanket soils, loose sand layers, or as changes in lithology dictate. In general, we will collect samples using a Modified California Split Spoon sampler or the standard penetration test (SPT) sampler. Where significant clay layers are anticipated, a thin-walled Shelby tube sampler may be employed in order to collect relatively undisturbed samples. Collect samples will be reviewed and evaluated in the field for consideration in laboratory testing.

Laboratory Analyses

Soil samples will be retained and re-examined in our laboratory to verify field classifications and may be tested for moisture content, dry density, hydrometer analysis, Atterberg Limits, incremental consolidation, permeability, drained and/or undrained triaxial compression, and/or other physical properties as appropriate. Upon completion of our work, we will present our findings in a written report with field and lab data.

Subsurface Levee Profile

We anticipate that a subsurface profile will be required to demonstrate our understanding of the levee prism, foundation soil and deeper geologic, geomorphologic, and geotechnical conditions. We will use the existing and new data to prepare a subsurface profile along the alignment of the preferred levee extension alignment.

Slope and Stability and Seepage Analysis

Utilizing the proposed supplemental and historic explorations, ENGEO will develop an idealized subsurface stratigraphy at critical locations to model and analyze seepage and slope stability in the Geostudios software packages SEEP/W and SLOPE/W, respectively. The analyses will be in general accordance with the 2012 ULDC, modeling.

- Steady State Seepage for the 200-Year Design Water Surface Elevation (DWSEL)
- Steady State Seepage for the Hydraulic Top of Levee Water Surface (HTOL)
- Landside Slope Stability under 200-Year DWSEL Steady Seepage Conditions
- Landside Slope Stability under HTOL Steady Seepage Conditions
- Waterside Slope Stability under Rapid Drawdown Conditions from a 200-Year DWSEL

An assessment of the seismic vulnerability of the levee system in accordance with the 2012 ULDC will be performed. Seismic deformations will be estimated based on CPT and/or SPT data. Based on the seismic evaluation, additional slope stability analysis will be performed to assess pseudostatic and post-liquefaction conditions for the waterside and landside levee sections.

Settlement Analysis

Based on our existing and supplemental subsurface information, we will evaluate settlement potential of the proposed levee alignment. To model and analyze settlement, we will use Geostudios software package SIGMA/W and or Settle 3D by Rocscience.

Geotechnical Analysis Report

After reviewing available information, conducting supplemental explorations, and performing analyses, we will prepare a written reports containing our findings, conclusions, and recommendations. We have assumed as many as 6 cross sections are to be analyzed in support of this evaluation; this is based on our understanding of the study area, quantity of explorations performed, and our experience on similar evaluations at this and other nearby levee projects. The number of cross sections analyzed may change as the evaluation progresses. We propose to prepare a single draft report for review and a single round of comments prior to finalization.

Task 2 – Supplemental Cut-Off Wall Exploration

Field Exploration

We propose to perform a supplemental exploration along the Mossdale Tract alignment in order to better define the subsurface conditions along proposed cut-off wall areas. We propose to perform additional explorations to achieve a spacing interval of approximately 200 feet. To accomplish this interval, we propose to perform approximately 121 CPT soundings as illustrated below.

EXHIBITS 3 to 5: Proposed Cut-Off Wall Exploration Locations



Our explorations will be limited to the Reclamation District's easement beyond the levee toe. If access to this easement is not available, we propose to perform our explorations within adjacent public rights-of-way (roadways). CPT explorations will be performed to depths of approximately 80 feet. A qualified ENGEO representative will coordinate and observe the CPT and boring operations. We will mark our explorations and notify Underground Service Alert (USA) at least 48 hours prior to performing our subsurface exploration. In addition, exploration data will be reviewed by an engineering geologist and graphical logs will be prepared for reporting efforts.

Subsurface Levee Profile

We anticipate updated to the existing subsurface profile will be required to demonstrate our understanding of the foundation soils and deeper geologic, geomorphologic, and geotechnical conditions. We will use the existing levee profile and add new data to prepare an updated subsurface profile along the alignment.

Geotechnical Analysis Report

After reviewing available information and conducting supplemental explorations we will prepare a written report containing our findings, conclusions, and possible recommendations. We propose to prepare a single draft report for review and a single round of comments prior to finalization.

Task 3 – Regional Groundwater Impact Analysis

In addition to our field exploration and geotechnical engineering evaluation services, we will provide a regional groundwater impact analysis for the dry-land levee extension alignment. We understand that a hydrogeology analysis is needed in support of the project CEQA/NEPA analysis, since potentially constructing a deep cutoff wall below the proposed dry-land levee may impact groundwater users in the region, particularly on the landward side of the proposed levee.

We propose to model groundwater impacts using MODFLOW during normal levee operating conditions and during a 200-year flood event. MODFLOW is a three-dimensional (3D) finite difference groundwater model developed by the United States Geological Survey (USGS), and is considered to be the international standard for simulating and predicting groundwater conditions. Creating a 3D model as opposed to a 2D model will allow us to capture the varying geometry of the dry-land levee as well as potential end effects at the levee extension's eastern termination point and western tie-in point.

Our regional groundwater impact analysis is limited to the dry-land levee extension portion of the proposed project. However, if requested, we can provide a fee estimate to provide a similar regional groundwater impact analysis for the proposed improvements to the existing San Joaquin River levee.

FEE ESTIMATE AND SCHEDULE

We propose to perform the services outlined above for a total fee of **\$1,560,500**. We provide a cost breakdown of the items discussed as part of our proposed scope of services here.

TABLE 1: Task 1 - Itemized Fee Estimate

SCOPE	FEE ESTIMATE
Field Exploration	\$259,200
Laboratory Analysis	\$49,500
Subsurface Levee Profile	\$50,800
ULDC Seepage, Stability, and Settlement Analysis	\$149,700
Geotechnical Data Report DRAFT/FINAL	\$40,000
Geotechnical Analysis Report DRAFT/FINAL	\$120,000
TOTAL ESTIMATED FEE	\$669,200

TABLE 2: Task 2 - Itemized Fee Estimate

SCOPE	FEE ESTIMATE
Supplemental Field Exploration	\$653,300
Updated Subsurface Levee Profile	\$100,000
Geotechnical Data Report DRAFT/FINAL	\$20,000
Geotechnical Summary Report DRAFT/FINAL	\$60,000
TOTAL ESTIMATED FEE	\$833,300

TABLE 3: Task 3 - Itemized Fee Estimate

SCOPE	FEE ESTIMATE
Hydrogeology Data Review	\$8,000
MODFLOW Analysis	\$40,000
Groundwater Impact Report	\$10,000
TOTAL ESTIMATED FEE	\$58,000

Additional services requested by you that are not outlined in this agreement will be charged on a time-and-expense basis in accordance with our current Preferred Client Fee Schedule.

If you have any questions on any portion of the scope of services, please call and we will be glad to discuss them with you.

Sincerely,

ENGEO Incorporated



Cale Crawford, GE
Senior Engineer

tjs/cac/jjt/jf



Josef J. Tootle, GE
Principal

Attachment: Preferred Client Fee Schedule

PREFERRED CLIENT FEE SCHEDULE PROFESSIONAL SERVICES

Effective February 2021

President	\$410.00 per hour
Principal	\$315.00 per hour
Associate	\$265.00 per hour
Senior Engineer/Geologist/Seismologist/Project Manager	\$230.00 per hour
Project Engineer/Geologist/Seismologist/Manager	\$208.00 per hour
Environmental Scientist	\$190.00 per hour
Staff Engineer/Geologist/Seismologist	\$188.00 per hour
Assistant Engineer/Project Manager	\$145.00 per hour
Construction Services Manager	\$180.00 per hour*
Senior Field Representative II	\$160.00 per hour*/**
Senior Field Representative I	\$144.00 per hour*/**
Field Representative	\$133.00 per hour*/**
Environmental Technician	\$133.00 per hour*/**
Senior Laboratory Technician	\$160.00 per hour
Laboratory Technician	\$145.00 per hour
Senior CAD Specialist	\$160.00 per hour
Senior GIS Analyst	\$170.00 per hour
GIS Analyst	\$163.00 per hour
CAD Specialist	\$145.00 per hour
Network Administrator	\$205.00 per hour
Project Assistant	\$123.00 per hour

* Two-hour minimum portal to portal and cancellations within 24 hours.

* **OVERTIME RATES:** Rates increased by factor of 1.5 for all hours worked in excess of eight (8) Monday through Friday, and the first eight (8) hours worked on Saturday. Rates increased by factor of 2.0 for all hours worked in excess of twelve (12) Monday through Friday, all hours worked in excess of eight (8) on Saturday and all hours worked on Sunday and holidays.

** For Prevailing Wage projects, increase the hourly rate by \$15.

** Rates increased by factor of 1.25 for night shift hours (hours commencing after 4:00 p.m. or before 4:00 a.m.); rates increased by factor of 1.875 (an additional factor of 1.5) for all night shift hours in excess of eight (8).

ADDITIONAL SERVICES OFFERED

In addition to our core services of geotechnical, hydrologic and environmental engineering, including construction-phase testing and observation, ENGEO provides clients with services for establishment and management of Geologic Hazard Abatement Districts (GHAD) and for Entitlement and Permitting Support (EPS). For more information about these services and associated pricing, please contact ENGEO at (925) 866-9000.

OTHER FEES

- Equipment and materials will be charged in addition to the above hourly rates.
- Outside Consultants and Subcontracted Services Cost plus 10%
- Outside Equipment Rental and Reproduction Services Cost plus 5%
- Deposition, Mediation, Arbitration, or Court Appearance (Minimum Charge) \$2,000.00 half day, \$4,000.00 full day

TERMS

Invoices will be submitted at completion of work or at approximately four week intervals and are due and payable upon receipt. Statements will be issued at monthly intervals. Charges not paid within 30 days of invoice date will accrue a late charge at a rate of 1.5 percent per month. In the event it becomes necessary to commence suit to collect amount due, Client agrees to pay attorney's fees and costs, as the court may deem reasonable until amount is paid. Fees will be applicable for one year from the effective date above; thereafter, fees will be adjusted annually. Our fees will be billed using an invoice format produced by a standardized accounting software package. A more customized itemization of charges and backup data will be provided upon Client's requests, but at additional fees. Final reports may be withheld until outstanding invoices are paid in full.

Many risks potentially affect ENGEO by virtue of entering into this agreement to perform services on behalf of client. A principal risk is the potential for human error by ENGEO. For client to obtain the benefit of a fee that includes a nominal allowance for dealing with our liability, client agree to limit ENGEO's liability to Client and all other parties for claims arising out of our performance of the services described in the agreement. The aggregate liability will not exceed \$50,000 (or ENGEO's fee, whichever is greater, but not more than \$1,000,000) for professional acts, errors, or omissions, including attorney's fees and costs that may be awarded to the prevailing party and client agrees to indemnify and hold harmless ENGEO from and against all liabilities in excess of the monetary limit established above.

EQUIPMENT AND MATERIALS CHARGES

DESCRIPTION	COST PER UNIT (\$)	UNIT
Air Content Meter	7.00	hour
Bailers (Disposable)	8.00	each
Concrete Crack Monitor	20.00	each
Coring Machine	25.00	hour
Double-Ring Infiltrometer	40.00	hour
Electronic Water Level Indicator	5.00	hour
Engineering Analysis Software	35.00	hour
Equipment Transport(er)	100.00	hour
Exploration Equipment (Percussion Penetrometer)	50.00	hour
Floor Flatness/Floor Level Equipment	40.00	hour
Generator	15.00	hour
GIS Website Portal Maintenance	100.00	month
GPR/GPS Handheld Device	10.00	hour
GPR/GPS/Drone Survey Grade Equipment	195.00	hour
Hand Auger and Soil Sampler	15.00	hour
Hydraulic Pull-Test Equipment	25.00	hour
Interface Probe	2.00	hour
Magnetic Particle Test Equipment	25.00	hour
Moisture Content Test Equipment	6.00	hour
Multi-Parameter Water Meter	15.00	hour
pH Meter/Turbidity Meter	10.00	hour
Photo Ionization Detector	15.00	hour
Pachometer	100.00	hour
Sampling Tubes	10.00	each
Sand Cone Equipment and Material	5.00	hour
Schmidt Hammer	20.00	hour
Seisometer	50.00	hour
Skidmore Wilhelm Bolt Tension Calib.	40.00	hour
Slope Inclinator/Settlement Indicator/VW Readout	50.00	hour
Torque Wrench	15.00	hour
Transfer Pump	3.00	hour
Ultrasonic Equipment	50.00	hour
Vapor Emission Test Kit	40.00	kit
Vector Conversion	60.00	conversion
Vehicle, nuclear gauge, equipment, wireless communication. *Add \$2.00/hr. for RTK enabled autotesting equipment.	29.00*	hour
Vehicle, equipment, wireless communication	20.00	hour
Vibration Monitor	1800.00	month
Water Sampling Pumps	20.00	hour
Bridge Toll	actual	actual
Mileage	.78	mile
Parking	actual	actual
AutoCAD, Civil 3D, GIS, Drone Data Processing	27.00	hour
Photocopies Black & White	0.25	each
Photocopies Color 11 x 17	1.50	each
Photocopies Color 8½ x 11	1.00	each
Plot - Black & White	3.00	square foot
Plot - Color	4.00	square foot
Postage	actual	actual
Scan - Black & White	1.50	each
Scan - Color	3.75	each
Telephone	0.50	minute

PREFERRED CLIENT FEE SCHEDULE PROFESSIONAL SERVICES

Effective February 2021

President	\$410.00 per hour
Principal	\$315.00 per hour
Associate	\$265.00 per hour
Senior Engineer/Geologist/Seismologist/Project Manager	\$230.00 per hour
Project Engineer/Geologist/Seismologist/Manager	\$208.00 per hour
Environmental Scientist	\$190.00 per hour
Staff Engineer/Geologist/Seismologist	\$188.00 per hour
Assistant Engineer/Project Manager	\$145.00 per hour
Construction Services Manager	\$180.00 per hour*
Senior Field Representative II	\$160.00 per hour**
Senior Field Representative I	\$144.00 per hour**
Field Representative	\$133.00 per hour**
Environmental Technician	\$133.00 per hour**
Senior Laboratory Technician	\$160.00 per hour
Laboratory Technician	\$145.00 per hour
Senior CAD Specialist	\$160.00 per hour
Senior GIS Analyst	\$170.00 per hour
GIS Analyst	\$163.00 per hour
CAD Specialist	\$145.00 per hour
Network Administrator	\$205.00 per hour
Project Assistant	\$123.00 per hour

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Moisture Content Test Equipment	6.00	hour
Multi-Parameter Water Meter	15.00	hour
pH Meter/Turbidity Meter	10.00	hour
Photo Ionization Detector	15.00	hour
Pachometer	100.00	hour
Sampling Tubes	10.00	each
Sand Cone Equipment and Material	5.00	hour
Schmidt Hammer	20.00	hour
Seisometer	50.00	hour
Skidmore Wilhelm Bolt Tension Calib.	40.00	hour
Slope Inclinator/Settlement Indicator/VW Readout	50.00	hour
Torque Wrench	15.00	hour
Transfer Pump	3.00	hour
Ultrasonic Equipment	50.00	hour
Vapor Emission Test Kit	40.00	kit
Vector Conversion	60.00	conversion
Vehicle, nuclear gauge, equipment, wireless communication. *Add \$2.00/hr. for RTK enabled autotesting equipment.	29.00*	hour
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Photocopies Color 8½ x 11	1.00	each
Plot - Black & White	3.00	square foot
Plot - Color	4.00	square foot
Postage	actual	actual
Scan - Black & White	1.50	each
Scan - Color	3.75	each
Telephone	0.50	minute

RESOLUTION NO. SJAFCA 22-03

**SAN JOAQUIN AREA
FLOOD CONTROL AGENCY**

=====

**AUTHORIZE CONSULTANT SERVICE AGREEMENTS WITH
ENVIRONMENTAL SCIENCE ASSOCIATES, PETERSON BRUSTAD INC,
AND EN GEO INC FOR MOSSDALE TRACT AREA URBAN FLOOD RISK
REDUCTION PRELIMINARY DESIGN SUPPORT**

BE IT RESOLVED by the Board of Directors of the San Joaquin Area Flood Control Agency, as follows:

Authorize the Executive Director to:

1. Negotiate and execute an amendment to existing consultant service agreement with Peterson Brustad Inc. (PBI) to support the San Joaquin Area Flood Control Agency (SJAFCA) by conducting preliminary design activities for the preferred alternative and two variants identified in the Mossdale Tract Area Urban Flood Risk Reduction Study (Mossdale UFRR Study). The proposed amendment to the existing PBI consultant service agreements shall have not-to-exceed budget of \$775,339; and,
2. Negotiate and execute an amendment to existing consultant service agreement with Environmental Science Associates (ESA) support SJAFCA by preparing preliminary restoration design plans for the multi-benefit features identified in the preferred alternative of the Mossdale UFRR Study. The proposed amendment to the existing ESA consultant service agreements shall have not-to-exceed budget of \$517,579; and,
3. Negotiate and execute consultant service agreement with ENGEO Inc. (ENGEO) to support SJAFCA preliminary design activities for the preferred alternative and two variants identified in the Mossdale UFRR Study. The consultant service agreement shall have not-to-exceed budget of \$1,500,500.
4. Appropriate \$2,793,418 to fund the tasks covered in the Proposals by ESA, PBI and ENGEO for the Mossdale Tract Area Urban Flood Risk Reduction Project.

PASSED, APPROVED AND ADOPTED this 27 day of January 2022.

DAN WRIGHT, Chair
of the San Joaquin Area
Flood Control Agency

ATTEST:

CHRIS ELIAS, Secretary
of the San Joaquin Area

Flood Control Agency.

APPROVED AS TO FORM:

SCOTT L. SHAPIRO, Legal Counsel
for the San Joaquin Area
Flood Control Agency

DRAFT

Agenda Item 5.3

January 27, 2022

TO: San Joaquin Area Flood Control Agency

FROM: Chris Elias, Executive Director

SUBJECT: **AUTHORIZE TERM EXTENSION OF THE LEASE AGREEMENT WITH
THE CITY OF STOCKTON FOR DETENTION BASIN No. 1**

RECOMMENDATION

It is recommended that the Board of Directors of the San Joaquin Area Flood Control Agency adopt a resolution authorizing the Executive Director to extend the term of the Lease Agreement with the City of Stockton for the Agency's Detention Basin No. 1 for an additional 20-year period.

DISCUSSION

Background

Detention Basin No. 1 (Basin) was constructed by San Joaquin Area Flood Control Agency (SJAFA) as part of the 1998 Flood Protection Restoration Project (FPRP), phase I. It is located adjacent to the west side frontage road of Highway 99 near Morada Lane. The detention basin was designated as an overflow basin to remove flows that exceed the 10-year flood event on Mosher slough to reduce the downstream flow. Thus, the flood detention basin is expected to have water only in the winter on a very infrequent basis.

On September 30, 2003, the City of Stockton and SJAFA entered into a 20-year lease agreement for the use of the Basin for park and recreation purposes (Stockton Soccer Complex).

The Basin's pump station is maintained by SJAFA through a contract with the San Joaquin County Flood Control and Water Conservation District. Maintenance is funded by an assessment district to the benefiting properties of the FPRP. The Basin and soccer complex improvements are maintained by the City of Stockton.

On May 28, 2004, the lease was amended to allow term extensions for subsequent 20-year periods, if exercised by the City at least six months prior to the expiration of the lease. The initial lease agreement is to expire on September 30, 2023.

Present Situation

On November 1, 2019, the City of Stockton Public Works Director notified SJAFCA of the City's intention to extend the Lease Agreement for an addition 20-year period, based on improvements that are planned for the site by the City (Attachment 1). On November 23, 2021, the City restated their request to extend the Lease Agreement as they are about to start construction on the proposed improvements (Attachment 2)

It is recommended that the Board of Directors of the San Joaquin Area Flood Control Agency adopt a resolution authorizing the Executive Director to extend the term of the lease agreement with the City of Stockton for the Agency's Detention Basin No. 1 for an additional 20-year period. This action will extend the Lease Agreement with the City for the Agency's basin No. 1 to September 30, 2043.

FISCAL IMPACT

There is no fiscal impact for the 20-year term extension of the lease agreement with the City.

PREPARED BY: Juan Neira

A handwritten signature in black ink, appearing to read "Chris Elias", written over a horizontal line.

APPROVED:
CHRIS ELIAS
EXECUTIVE DIRECTOR

CE:JJN:lr

Attachment

MEMORANDUM

November 18, 2021

TO: Chris Elias, Executive Director
San Joaquin Area Flood Control Agency

FROM: Wes Johnson, Engineering Services Manager
Public Works Department

SUBJECT: NOTIFICATION OF LEASE EXTENSION FOR DETENTION BASIN NO. 1

In a memorandum dated November 1, 2019 (see attached), the City of Stockton (City) requested that the San Joaquin Area Flood Control Agency extend the lease of its Detention Basin No. 1 for park and recreation purposes (Stockton Soccer Complex). This follow-up memorandum is meant to reiterate the City's request to extend the lease.

The City will soon begin construction of the planned improvements mentioned in the original memorandum, so the use of this basin for recreational purposes is critical moving forward. Thank you for your cooperation on this issue.

If you have any questions, please contact me at (209) 937-8088.



WES JOHNSON, ENGINEERING SERVICES MANAGER
PUBLIC WORKS DEPARTMENT

JLA:EA:WJ:nla

Attachment

PUBLIC WORKS ROUTE SLIP

DATE 1/9/2020 DUE DATE _____

FROM _____ ☐ PRIORITY ☐ SEE ME

RETURN TO _____

ADMINISTRATION

- ☐ Public Works Director
☐ Executive Assistant
☐ Supervising Office Asst

ENGINEERING

- ☐ Deputy PW Director/CE
☐ CIP Attn: _____
☐ Traffic Engineering Attn: _____

ACTION			
☐	Per Your Req	☐	File
☐	Approval	☐	See Attached
☐	Initials	☐	Mail
☐	Signature	☐	Fax or E-mail
☐	FYI	☐	Handle
☐	Review	☐	Arrange Mtg
☐	Post	☐	Distribute

SJAFCA

- ☒ Director of Engineering

☒ Attn: CHRIS EVAS

FISCAL

- ☐ Program Manager

☐ Attn: _____

SOLID WASTE & RECYCLING

- ☐ Solid Waste Manager
☐ Assistant Solid Waste Manager

☐ Attn: _____

OPERATIONS & MAINTENANCE

- ☐ Deputy Director/O&M ☐ Clerical ☐ Community Enhancement
☐ Electrical ☐ Engineering ☐ Facilities Maintenance
☐ Fleet ☐ Parks ☐ Projects
☐ Street Trees ☐ Traffic Devices ☐ Street Maintenance

☐ Attn: _____

COMMENTS: IF ANY QUESTIONS, CALL
WES JOHNSON @ EXT. 8080

MEMORANDUM

November 1, 2019

TO: Chris Elias, Executive Director
San Joaquin Area Flood Control Agency

FROM: Gordon A. MacKay, Director
Public Works Department

SUBJECT: NOTIFICATION OF LEASE EXTENSION FOR DETENTION BASIN NO. 1

On September 30, 2003, the City of Stockton (City) and the San Joaquin Area Flood Control Agency (Agency) entered into a lease for use by the City of the Agency's Detention Basin No. 1 for park and recreation purposes (the Stockton Soccer Complex).

On May 28, 2004, the lease was amended to allow the option for term extensions for additional 20-year periods if exercised by the City at least six months prior to the expiration of the lease. The initial lease is to expire on September 30, 2023.

The City is exercising the option to extend the lease for a period of 20 years at this time based on improvements that are planned for the site by the City. Planned improvements include expansion of existing parking lot, installation of a restroom facility, and installation of additional field lighting on three fields (see attached preliminary layout).

Except as stated herein, all other terms and conditions of the lease as entered into on September 30, 2003, remained unchanged.

This memorandum provides the required written notice to extend the lease term for a period of 20 years to September 30, 2043.

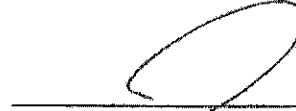

GORDON A. MACKAY, DIRECTOR
PUBLIC WORKS DEPARTMENT

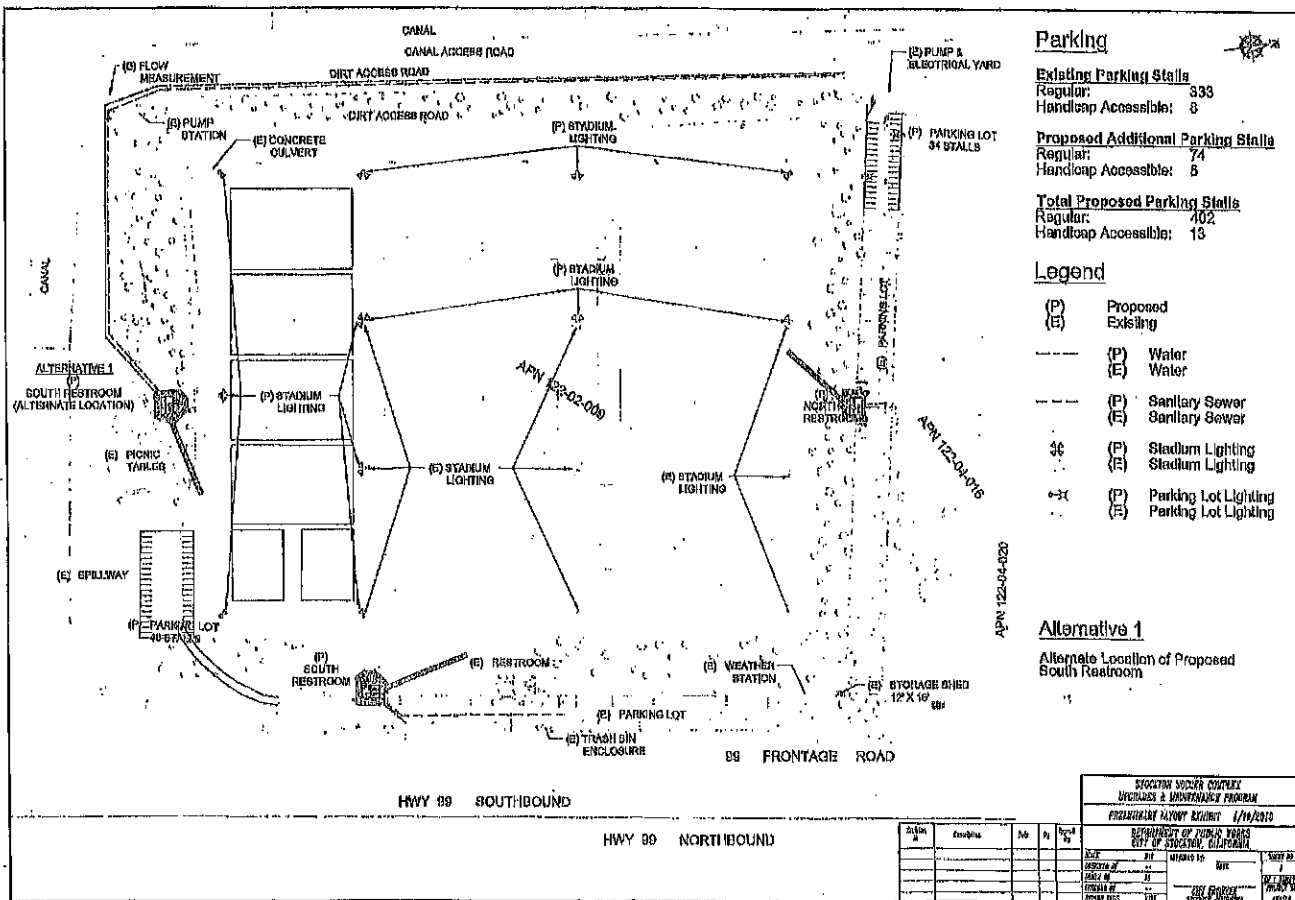
GAM:EA:WJ:JM:an

Attachment


LAURIE MONTES
INTERIM CITY MANAGER

APPROVED AS TO FORM:


JOHN LUEBBERKE
CITY ATTORNEY



RESOLUTION NO. SJAFCA 22-04

**SAN JOAQUIN AREA
FLOOD CONTROL AGENCY**

=====

**AUTHORIZATION TO EXTEND THE TERM OF THE LEASE
AGREEMENT WITH THE CITY OF STOCKTON FOR THE AGENCY'S
DETENTION BASIN No. 1 FOR AN ADDITIONAL 20-YEAR PERIOD**

BE IT RESOLVED BY THE BOARD OF DIRECTORS OF THE SAN JOAQUIN AREA
FLOOD CONTROL AGENCY, AS FOLLOWS:

Authorize the Executive Director to extend the term of the Lease Agreement with
the City of Stockton for the Agency's Detention Basin No. 1 for an additional 20-year
period.

This action extends the Lease Agreement with the City of Stockton for the
Agency's Detention Basin No.1 to September 30, 2043.

PASSED, APPROVED AND ADOPTED this 27 day of January 2022.

DAN WRIGHT, Chair
of the San Joaquin Area
Flood Control Agency

ATTEST:

CHRIS ELIAS, Secretary
of the San Joaquin Area
Flood Control Agency.

APPROVED AS TO FORM:

SCOTT L. SHAPIRO, Legal Counsel
for the San Joaquin Area
Flood Control Agency

Agenda Item 6.1

TO: San Joaquin Area Flood Control Agency

FROM: Chris Elias, Executive Director

SUBJECT: **ORGANIZATIONAL PLANNING – PRIORITY ACTION REVIEW**

RECOMMENDATION

Receive an informational update on the status of and progress toward the Priority Actions. Review and discuss possible changes to the Priority Actions.

DISCUSSION

Background

SJAFCA adopted the Strategic Plan at the September 2019 Board of Director's meeting which is made available on SJAFCA's [website](#)¹. SJAFCA's Strategic Plan sets the framework for the Agency's actions and decisions. It contains the Agency's mission statement, goals, objectives, and priority actions. SJAFCA's work directly supports each priority action and in turn its overall mission.

As presented in the Strategic Plan, figure four illustrates the interconnections between SJAFCA's Goals and Objectives.

FIGURE 4. Goals & Objectives

		1	2	3	4	5
		Plan for and Implement System Resiliency	Drive for Operational Transparency	Facilitate Funding to Structures most Beneficial to Local Interests	Support Appropriate, Mutually Beneficial Partnerships	Promote Public and Institutional Awareness
OBJECTIVES	1. Deliver projects and programs consistent with State and Federal regulatory requirements.	✓			✓	
	2. Identify and implement local and/or regional funding mechanisms; maximize State and Federal investment in the region for flood risk reduction efforts.			✓	✓	
	3. Develop public outreach programs to maximize public and institutional awareness and involvement.		✓			✓
	4. When appropriate, optimize partnerships and integrate flood risk reduction efforts with local maintaining agencies.		✓		✓	✓
	5. Identify and include system resiliency needs in project development.	✓				
	6. Monitor potential impacts to the system and advocate for Agency's needs.	✓	✓			✓
	7. Pursue multi-benefit approaches to incentivize investments from non-traditional funding sources and promote system resiliency and resource mitigation.			✓	✓	

As part of the Strategic Planning process, SJAFCA identified twelve Priority Actions which define specific accountability measures that tie directly back to the listed Goals and Objectives.

In September 2020, the Board of Directors received an update on the progress toward the each of the Priority Actions, including efforts completed, upcoming activities and a red-yellow-green progress rating.

¹ <https://sjafca.prod.govaccess.org/home/showdocument?id=933>

Priority Action Review

Since that time and throughout 2021, staff made several detailed presentations on these Priority Actions, defining the background and actions toward achieving them. In those reports, staff laid out successes, risks, opportunities and upcoming efforts within SJAFCA's overall program.

Present Situation

As SJAFCA looks to 2022 and the years ahead, staff has considered its achievements and remaining efforts for each element of its program. Although much has been accomplished, much work remains. The projects and programs continue to evolve, requiring a readjustment of SJAFCA's Priority Actions. Largely, the themes remain the same. Some actions have been completed, and some can be revised given changing situational dynamics. All continue to support the framework and themes found in the Strategic Plan (Mission, Goals, and Objectives remain static).

Two attachments accompany this board report. First, staff presents the current state of SJAFCA's Priority Actions, including a backward-looking perspective of each item as well as a percentage complete and red-yellow-green rating, denoting wins and misses. The second attachment presents a forward-looking perspective. It includes a list of proposed Priority Actions for Board consideration and discussion. These represent changes to each action based on the current state, projected efforts, and anticipated achievements over the coming years. As mentioned, these are proposed changes, so staff looks to the Board for input and direction for any modifications.

Next Steps

This material is informational to ensure the SJAFCA Board and community has the latest status on activities within the Agency and an understanding of how they directly correlate back to the adopted strategy. Further, staff will adjust the proposed Priority Actions based on Board input and direction. After, finalized Priority Actions can be adopted by the Board of Directors at a future Board meeting.

FISCAL IMPACT

This is an informational item with no fiscal impact.

Strategic Plan Consistency Analysis

The material found in this report is consistent with the Mission and Goals of the Board-adopted Strategic Plan, whereby each priority action directly links back to the components of SJAFCA's strategy.

January 27, 2022
(Page 3)

Priority Action Review

SUBMITTED BY:


CHRIS ELIAS
EXECUTIVE DIRECTOR

Attachments:

1. Current Priority Action Status
2. Proposed Priority Actions



Current Priority Action	Activities as of 1 Dec 2021
1. Review and update the current priority action plan.	1. Review and update the current priority action plan.
2. Implement the updated priority action plan.	2. Implement the updated priority action plan.
3. Monitor and evaluate the progress of the priority action plan.	3. Monitor and evaluate the progress of the priority action plan.
4. Report on the progress of the priority action plan.	4. Report on the progress of the priority action plan.
5. Review and update the current priority action plan.	5. Review and update the current priority action plan.

Page 1 of 3

Reduce and Manage the Region's Flood Risk

Goals	Plan for and Implement System Resiliency		Facilitate Funding Structures that are Most Beneficial to Local Interests		Promote Public and Institutional Awareness	
	Drive for Operational Transparency		Support Appropriate, Mutually Beneficial Partnerships			
Objectives	Deliver projects and programs consistent with State and Federal regulatory requirements.	Identify and implement local and/or regional funding mechanisms; maximize State and Federal investment in the region for flood risk reduction efforts.	Identify and include system resiliency needs in project development.		Pursue multi-benefit approaches to incentivize investments from non-traditional funding sources and promote system resiliency and resource mitigation.	
	Develop public outreach programs to maximize public and institutional awareness and involvement.	When appropriate, optimize partnerships and integrate flood risk reduction efforts with local maintaining agencies.	Monitor potential impacts to the system and advocate for Agency's needs.			

Current Priority Action

Activities as of 1 Dec 2021

Priority Action 5

GREEN

100%

Complete the Mossdale Urban Flood Risk Reduction (UFRR) Study by spring 2020 and, in partnership with the State, engage USACE through a Flood Plain Management Services (FPMS) Agreement.

- o UFRR Study was completed on June 18, 2021, where a preferred plan has been identified and is undergoing further engineering and environmental analysis.
- o SJAFCA working with DWR to leverage available Prop 1E funds to amend UFRR grant to advance designs and CEQA. Grant revenues potentially available, as reported in adequate progress report, total approximately \$3.8M.
- o Next steps target: 35% design and admin draft CEQA, end of 2022; working additional funding sources due to sunseting of grant.

● **Green Status:** Study complete; will revise PA to account for proposed next steps with the design and environmental development.

Priority Action 6

RED

44%

*Percentage based on 2028 target

Achieve 200-year level of protection in the Mossdale Tract Area by 2025 and present adequate progress reporting until improvements are complete.

- o AB 838 was adopted and the SB-5 200-year level of protection deadline was extended until 2028.
- o FY 2021 Adequate progress report submitted on June 25, 2021, based on RD17 LSRP progress, UFRR study, dryland levee evaluation, and financing approach (EIFD, AD, DIF).
- o Wood Rodgers will complete the dryland levee evaluation in January 2022, which included several community meetings, utilizing UFRR grant funding. The recommended approach will merge with the UFRR grant advancement efforts mentioned in PA 5.
- o Advancement of efforts under PA5 (environmental and design development) supports the ongoing adequate progress of Mossdale Tract.
- o Advancement of funding under PA8 is vital to the ongoing adequate progress of Mossdale Tract.

● **Red Status:** Red for original 2025 target; green status for legislation adjusted 2028 target date.

Priority Action 7

GREEN

100%

Update project development plans to account for the Climate Change Adaptation Policy for Mossdale based on current climate information by 2020; continue evaluating program for

- o Adopted a Climate Change Adaptation Policy; Incorporated incremental cost estimate into Mossdale 200-yr plan.
- o Partnered w/ Bay Area Council for a Climate Resiliency Grant (\$200,000) to eval possible increased flood risk due to climate change (50%), current grant ends by end of 2022; applied for additional \$200,000 for further concept advancement.
- o Mossdale area improvements due to possible climate change considerations were updated and incorporated into APR based on tech memo dated January 29, 2021 which supports Climate Change Update to Mossdale Engineer's Report, dated June 18, 2021.

● **Green Status:** Policy adopted and incorporated into planning for APR.

Priority Action 8

RED

78%

Complete formation of the funding program including an Overlay Assessment and Enhanced Infrastructure Financing District for the Mossdale Tract Area by August 2020.

- o Enhanced infrastructure financing district (EIFD) framework and organizational makeup is tentatively arranged; EIFD formation documents are being drafted for respective agency review; the public financing authority (PFA) for the EIFD will begin meetings in early 2022, where there will be a series of public hearings, and member agencies will have to approve the EIFD.
- o Assessment District balloting and formation is planned for Winter/Spring w/ target tax rolls by Aug 2022, pending voter approval.

● **Red Status:** AD formation delayed due to COVID; Adjusted target is 2022.

Priority Action 9

GREEN

100%

Document the capital improvement plan to implement SJAFCA's objectives that defines the "who", "what", "where", "when", "how", and funding approach by March 2020.

- o Priority Actions updated periodically; funding requirements updated throughout project development (e.g. LSJRP phase planning); leverage implementation planning for yearly budget cycles.
- o Financing Plan to support LSJRP being implemented with Willdan Financial Services preparing assessment engineering services; Methodology defined, feedback from Board received, refining rates ongoing; target AD in place no later than August 2023.

● **Green Status:** CIP plan documented in March 2020; funding approach vetted with BOD throughout 2020/2021.

Current Priority Action	Activities as of 1 Dec 2021
1. Review and update the current priority action plan.	1. Review and update the current priority action plan.
2. Implement the updated priority action plan.	2. Implement the updated priority action plan.
3. Monitor and evaluate the progress of the priority action plan.	3. Monitor and evaluate the progress of the priority action plan.
4. Report on the progress of the priority action plan.	4. Report on the progress of the priority action plan.
5. Review and update the current priority action plan.	5. Review and update the current priority action plan.
6. Implement the updated priority action plan.	6. Implement the updated priority action plan.
7. Monitor and evaluate the progress of the priority action plan.	7. Monitor and evaluate the progress of the priority action plan.
8. Report on the progress of the priority action plan.	8. Report on the progress of the priority action plan.
9. Review and update the current priority action plan.	9. Review and update the current priority action plan.
10. Implement the updated priority action plan.	10. Implement the updated priority action plan.
11. Monitor and evaluate the progress of the priority action plan.	11. Monitor and evaluate the progress of the priority action plan.
12. Report on the progress of the priority action plan.	12. Report on the progress of the priority action plan.
13. Review and update the current priority action plan.	13. Review and update the current priority action plan.
14. Implement the updated priority action plan.	14. Implement the updated priority action plan.
15. Monitor and evaluate the progress of the priority action plan.	15. Monitor and evaluate the progress of the priority action plan.
16. Report on the progress of the priority action plan.	16. Report on the progress of the priority action plan.
17. Review and update the current priority action plan.	17. Review and update the current priority action plan.
18. Implement the updated priority action plan.	18. Implement the updated priority action plan.
19. Monitor and evaluate the progress of the priority action plan.	19. Monitor and evaluate the progress of the priority action plan.
20. Report on the progress of the priority action plan.	20. Report on the progress of the priority action plan.

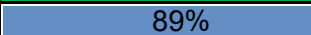
Priority Action 11	<i>Engage and nurture strategic relationships with local, state and federal officials, business community, non-governmental organizations and other stakeholder groups.</i>	- o Led and submitted to CVFPB the Lower San Joaquin/Delta South Regional Flood Management Plan (RFMP); Priorities white paper submitted January 15, 2021. - o Ongoing Briefings to member agencies and local maintaining agencies (County, RDs, member agency staff). - o Partnered with American Rivers to scope study of Paradise Cut widening; Draft MOU under development for SJAFCA to lead. - o SJAFCA hosted a CVFPB site visit, workshop and tour on October 8, 2021.
GREEN		
<i>Continuous</i>		
		● Green Status: Outreach efforts ongoing across local agencies, principals or member agencies, NGOs, State and Feds.

GREEN	Work is complete or ongoing and on schedule
YELLOW	Work is upcoming or ongoing but trending off schedule but aspects are recoverable
RED	Work will or has missed significant scheduled milestones
75%	Progress Bar based on start date of October 2019 (Strategic Plan) and projected end date of revised/new Priority Action; Smith Canal based on start date of Construction Contract.

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Reduce and Manage the Region's Flood Risk

Goals	Plan for and Implement System Resiliency		Facilitate Funding Structures that are Most Beneficial to Local Interests		Promote Public and Institutional Awareness	
	Drive for Operational Transparency		Support Appropriate, Mutually Beneficial Partnerships			
Objectives	Deliver projects and programs consistent with State and Federal regulatory requirements.	Identify and implement local and/or regional funding mechanisms; maximize State and Federal investment in the region for flood risk reduction efforts.	Identify and include system resiliency needs in project development.		Pursue multi-benefit approaches to incentivize investments from non-traditional funding sources and promote system resiliency and resource mitigation.	
	Develop public outreach programs to maximize public and institutional awareness and involvement.	When appropriate, optimize partnerships and integrate flood risk reduction efforts with local maintaining agencies.	Monitor potential impacts to the system and advocate for Agency’s needs.			

Proposed Priority Action		Remaining Activities & Upcoming Milestones as of 1 Dec 2021	
Greater Stockton Metro Project	Priority Action 1 GREEN  *Status per awarding construction contract only per proposed 2022 target.	<i>Implement the Lower San Joaquin River Project (AKA Greater Stockton Metro Project) in accordance with the authorized Federal Project by:</i> 1) <i>Supporting USACE awarding construction for TS30L in 2022;</i> 2) <i>Planning for future reaches of Greater Stockton Metro Project based on USACE implementation schedule and the availability of project funds and local cost-share match.</i>	- o Federal appropriations thru FY2021 of \$43.1M; FY22 Pres Budget is \$15M. - o Lower San Joaquin River Project Phase 1 (Greater Stockton Metro), TS_30_L 100% design is due Feb 2022: USACE target construction contract award in Sept 2022 for site preparation work (tree removals) in winter and heavy civil in 2023. - o SJAFCA via ESA preparing Supplemental EIR (50%): public release expected in Feb 2022; complete CEQA in May 2022. - o USACE next phases: Drilling/testing for next three reaches (north of TS30L) will be completed by Summer 2022. Start of next reach design package not yet defined by USACE. - o Moving forward, SJAFCA will lead Lands, Easements, Rights-of-Way, Relocations, and Disposal/Borrow (LERRD) responsibilities of the non-Federal Sponsor. - o Assess regional mitigation opportunities to support project implementation.
	Priority Action 2 GREEN  *Status per construction completion target	<i>Complete construction of the Smith Canal Closure Structure to achieve flood risk reduction by 2022 and submit package for LOMR to FEMA by 2023.</i>	- o In-water Work: Installation of south cellular wall (50%); dredging at required locations (70%); thoroughfare to cofferdam (70%) - o Dad's Point: Clearing and grubbing, tree trimming and removal, rough grading, removal of the 30" abandoned sewer pipe, installation of seepage cutoff wall and fishing platforms (60%)
	Priority Action 3 GREEN 	<i>Formulate an Assessment District for the local share of the Greater Stockton Metro Project by August 2023</i>	- o To achieve short term cash and offset project costs, SJAFCA is working with USACE toward 5055 reimbursement for Mosher Slough; USACE performing update economic analysis to determine reimbursement amount. - o Engaged consultant team to evaluate assessment district approach and options; working with SJCFWCWD to consolidate AD formation efforts. - o Working with other non-Fed sponsors who have excess Federal credit to obtain transfer credit to SJAFCA basin. - o Additional Smith Canal credit requests will be prepared to cover work expenses on a quarterly basis as work advances.
Mossdale Tract Program	Priority Action 4 GREEN  *Based on receiving some work plan funds in FY 22 budget release.	<i>Support USACE in initiating Phase 2 of the Federal Lower San Joaquin River Feasibility Study through annual budget cycle data requests, appropriation processes, and congressional outreach.</i>	- o The Energy and Water Development and Related Agencies Appropriations Bill, 2022, lists \$200,000 as a recommended Community Project Funding Item, so funding efforts toward the re-initiation of this study looks promising. - o Upon Fed funding receipt, SJAFCA will serve as Phase 2 study lead, efforts pending funding allocation and USACE timelines.
	Priority Action 5 GREEN  *Status per revised PA.	<i>Complete design and environmental documentation toward the implementation of the UFRR recommended plan; complete CEQA documentation and 65% designs by December 2023. Complete conceptual designs of restoration by December 2022.</i>	- o SJAFCA working with DWR to leverage available Prop 1E funds to amend UFRR grant to advance designs and CEQA. Grant revenues potentially available, as reported in adequate progress report, total approximately \$3.8M. - o Near-term target: 35% and admin draft CEQA by end of 2022; working additional funding sources due to sunseting of grant.
	Priority Action 6 GREEN  *Percentage based on 2028 target.	<i>Achieve 200-year level of protection in the Mossdale Tract Area by 2028 and present adequate progress reporting until improvements are complete.</i>	- o Adequate progress reporting period is due June 2022. - o Advancement of efforts under PA5 (environmental and design development) supports the ongoing adequate progress of Mossdale Tract - o Advancement of funding under PA7 is vital to the ongoing adequate progress of Mossdale Tract
	Priority Action 7 GREEN 	<i>Complete formation of the funding program including an Overlay Assessment and Enhanced Infrastructure Financing District for the Mossdale Tract Area by August 2022.</i>	- o EIFD will be in place with first meeting by Jan 2022; continue EIFD agency meetings. - o Assessment District balloting and formation is planned for Winter/Spring w/ target tax rolls by Aug 2022, pending voter approval.

Reduce and Manage the Region's Flood Risk

Goals	Plan for and Implement System Resiliency		Facilitate Funding Structures that are Most Beneficial to Local Interests		Promote Public and Institutional Awareness	
	Drive for Operational Transparency		Support Appropriate, Mutually Beneficial Partnerships			
Objectives	Deliver projects and programs consistent with State and Federal regulatory requirements.	Identify and implement local and/or regional funding mechanisms; maximize State and Federal investment in the region for flood risk reduction efforts.	Identify and include system resiliency needs in project development.		Pursue multi-benefit approaches to incentivize investments from non-traditional funding sources and promote system resiliency and resource mitigation.	
	Develop public outreach programs to maximize public and institutional awareness and involvement.	When appropriate, optimize partnerships and integrate flood risk reduction efforts with local maintaining agencies.	Monitor potential impacts to the system and advocate for Agency’s needs.			

Proposed Priority Action		Remaining Activities & Upcoming Milestones as of 1 Dec 2021	
Overall Program Initiatives	Priority Action 8 GREEN Continuous	Update capital improvement plan throughout project life-cycle, supporting annual budgeting, and out-year planning.	o Priority Actions updated periodically; funding requirements updated throughout project development (e.g. Greater Stockton Metro phase planning); leverage implementation planning for yearly budget cycles. o Finance Planning ongoing with AD formations for 1) Stockton Metro Project and 2) Mossdale Area.
	Priority Action 9 GREEN Continuous	Develop and implement a public awareness program that supports each project and the agency's mission.	o Public outreach campaign being formulated for: Greater Stockton Metro Project work and assessment district formation; AD formation in Mossdale; Smith Canal work.
	Priority Action 10 GREEN Continuous	Engage and nurture strategic relationships with local, state and federal officials, business community, non-governmental organizations and other stakeholder groups.	o Ongoing briefings to member agencies and local maintaining agencies (County, RDs, member agency staff). o Partnering with local NGOs as evident by work with American Rivers on Paradise Cut widening.
	Priority Action 11 GREEN Continuous	Advance actions identified in RFMP/CVFPP by working with local, State and Federal Partners, though initiatives such as the State Water Resilience 25.4 Initiative; Scope SJAFCA-regional efforts identified in CVFPP 2022 update and chart path forward and goals for: 1) Paradise Cut Bypass Expansion and South Delta Restoration Project - Complete preferred project alternative by June 30, 2022; 2) Support local effort to evaluate water storage uses, including flood risk reduction and water supply uses, in close partnership with SJ County and local water districts.	o SJAFCA participating in State Water Resiliency 25.4 Initiative¹, which is reviewing the SJ River Basin in an integrated way, which may lead to regional partnerships on basin programs that support flood control and State funding. o Partnered w/ Bay Area Council for a Climate Resiliency Grant (\$200,000) to eval possible increased flood risk due to climate change (50%), current grant ends by end of 2022; applied for additional \$200,000 for further concept advancement.

GREEN	Work is complete or ongoing and on schedule
YELLOW	Work is upcoming or ongoing but trending off schedule but aspects are recoverable
RED	Work will or has missed significant scheduled milestones
75%	Progress Bar based on start date of October 2019 (Strategic Plan) and projected end date of revised/new Priority Action; Smith Canal based on start date of Construction Contract.

¹SWR 25.4: Update and refine the regional flood management strategy in the Central Valley Flood Protection Plan to account for the projected impacts of climate change in order to protect vulnerable communities and infrastructure and restore floodplains along the San Joaquin River and its tributaries.

**End of
Agenda Packet**