



AGENDA MATERIALS
TRI-DAM PROJECT



TRI-DAM POWER
AUTHORITY



BOARD MEETING

July 21, 2022

**REGULAR BOARD MEETING
AGENDA
TRI-DAM PROJECT
of THE OAKDALE IRRIGATION DISTRICT and
THE SOUTH SAN JOAQUIN IRRIGATION DISTRICT
JULY 21, 2022
9:00 A.M.**

**Oakdale Irrigation District
1205 East F Street
Oakdale, CA 95361**

*** SEE BELOW FOR INSTRUCTIONS REGARDING PUBLIC COMMENT AND
PARTICIPATION**

NOTICE: Coronavirus (COVID-19)

A COMPLETE COPY OF THE AGENDA PACKET WILL BE AVAILABLE ON THE OAKDALE IRRIGATION DISTRICT WEB SITE (www.oakdaleirrigation.com) ON MONDAY, JULY 18, 2022 AT 9:00 A.M. ALL WRITINGS THAT ARE PUBLIC RECORDS AND RELATE TO AN AGENDA ITEM WHICH ARE DISTRIBUTED TO A MAJORITY OF THE BOARD OF DIRECTORS LESS THAN 72 HOURS PRIOR TO THE MEETING NOTICED ABOVE WILL BE MADE AVAILABLE ON THE OAKDALE IRRIGATION DISTRICT WEB SITE (www.oakdaleirrigation.com).

**INFORMATION FOR MEETING DURING CONTINUED PROCLAIMED STATE OF
EMERGENCY
(Effective 3/27/2020 – until further notice):**

Pursuant to California Governor Gavin Newsom’s Executive Order N-29-20, a local legislative body is authorized to hold public meetings via teleconferencing and to make public meetings accessible telephonically or otherwise electronically to all members of the public who wish to participate and to provide public comment to the local legislative body during the current health emergency. The Tri-Dam Project and Tri-Dam Power Authority Board of Directors (Tri-Dam Directors) will adhere to and implement the provisions of the Governor’s Executive Order related to the Brown Act and the utilization of technology to facilitate participation.

*The location of the Tri-Dam meeting will be at the office of the Oakdale Irrigation District, 1205 East F Street, Oakdale and will be open to the public based on a reservation system. Be advised these facilities only have 3 – 4 seats available for public access due to implemented protection measures for the COVID-19 virus.

****Public members who wish to participate, listen to, and provide comment on agenda items can do so by telephone by calling 1 (669) 900-9128, Access Code: 358-572-1867 #. All speakers commenting on Agenda Items are limited to five (5) minutes.**

Members of the public may also submit public comments in advance by e-mailing nfiez@oakdaleirrigation.com by 4:30 p.m., Wednesday, July 20, 2022.

In addition to the mandatory conditions set forth above, the Tri-Dam Directors will use sound discretion and make reasonable efforts to adhere as closely as reasonably possible to the provisions of the Brown Act, and other applicable local laws regulating the conduct of public meetings.

In compliance with the Americans with Disabilities Act, a person requiring an accommodation, auxiliary aid, or service to participate in this meeting should contact the Executive Assistant at (209) 840-5504, as far in advance as possible but no later than 24 hours before the scheduled event. Best efforts will be made to fulfill the request.

CALL TO ORDER

PLEDGE OF ALLEGIANCE

ROLL CALL: John Holbrook, Bob Holmes, Dave Kamper, Glenn Spyksma, Mike Weststeyn
Brad DeBoer, Herman Doornenbal, Tom Orvis, Linda Santos, Ed Tobias

PUBLIC COMMENT

CONSENT CALENDAR

ITEM 1

1.
 - a. Review and consider approval of the regular board meeting minutes of June 16, 2022.
 - b. Review and consider approval of the special board meeting minutes of June 30, 2022.

ACTION CALENDAR

ITEMS 2 - 14

2. Discuss and consider adoption of Resolution TDP 2022-07 to implement teleconferencing requirements during a proclaimed state of emergency.
3. Discussion and possible action for 2022-2023 Insurance Renewal.
4. Discussion and possible action to approve the United States Geological Survey (USGS) Streamgaging agreement for Fiscal Year 2023.
5. Discussion and possible action to approve Power Purchase Consulting Agreement – Z Global.
6. Discussion and possible action regarding District Distribution and Maintenance Fund transfer pursuant Tri-Dam Project Resolution #2013-01.
7. Discussion and possible action regarding payment of CalPERS Unfunded Liability for FY 2022/23.
8. Discuss and consider appointment of ad-hoc Management Committee.
9. Discussion and possible action to change the date of the August 2022 Board Meeting.

10. Discussion regarding a possible tour of Donnell's following the next Board meeting in Strawberry.
11. Canyon Tunnel Update (Information only).

*****Items 12—14 to be undertaken after closed-session*****

12. Discuss and consider authorizing Interim General Manager to enter into a PSA with an executive recruitment firm for the Finance & Administrative Manager position.
13. Discuss and consider authorization to approve an employment agreement for Interim General Manager.
14. Discussion and possible action Discussion regarding compensation for Tri-Dam Management.

COMMUNICATIONS**ITEMS 15 – 18**

15. Staff reports:
 - a. Operations & Maintenance Report
 - b. Compliance Report
16. Generation Report
17. Fisheries studies on the Lower Stanislaus River
18. Directors' Comments

CLOSED SESSION**ITEM 19**

19. a. CONFERENCE WITH LEGAL COUNSEL – EXISTING LITIGATION
Government Code § 54956.9(d)(1)
 1. *Tri-Dam v. Scott Frazier*
Eastern District of California No: 1:20-CV-00408-SKO
 2. *SJTA v. State Water Resources Control Board*
Judicial Council Coordination Proceeding 5013
- b. CONFERENCE WITH LEGAL COUNSEL – ANTICIPATED LITIGATION
Possible Initiation of Litigation
Government Code § 54956.9(d)(4)
Four (4) cases
- c. CONFERENCE WITH LEGAL COUNSEL – ANTICIPATED LITIGATION
Significant Exposure to Litigation

Government Code § 54956.9(d)(2)

Two (2) cases

- d. PUBLIC EMPLOYMENT
Government Code § 54957(b)
 - 1. Interim General Manager
 - 2. General Manager
 - 3. Finance and Administrative Manager

ADJOURNMENT

ITEM 20

- 20. Adjourn to the next regularly scheduled meeting.

BOARD AGENDA REPORT

Date: 7/21/2022
Staff: Pam Potter

SUBJECT: Tri-Dam Project June 2022 Minutes (Regular Meeting of June 16, 2022 and Special Meeting of June 30, 2022)

RECOMMENDED ACTION: Review and approval of June 16, 2022 Regular Meeting Minutes
Review and approval of June 30, 2022 Special Meeting Minutes

BACKGROUND AND/OR HISTORY:

Draft minutes from June 16, 2022 regular board meeting attached.
Draft minutes from June 30, 2022 special board meeting attached.

FISCAL IMPACT: None

ATTACHMENTS: Draft meeting minutes for regular board meeting of June 16, 2022.
Draft meeting minutes for special board meeting of June 30, 2022.

Board Motion:

Motion by: _____ Second by: _____

VOTE:

OID: DeBoer (Yes/No) Doornenbal (Yes/No) Orvis (Yes/No) Santos (Yes/No) Tobias (Yes/No)

SSJID: Holbrook (Yes/No) Holmes (Yes/No) Kamper (Yes/No) Spyksma (Yes/No) Weststeyn (Yes/No)

**TRI-DAM PROJECT
MINUTES OF THE JOINT BOARD
OF DIRECTORS REGULAR MEETING**

June 16, 2022
Manteca, California

The Joint Boards of Directors of the Oakdale Irrigation District and the South San Joaquin Irrigation District met in joint session at the office of South San Joaquin Irrigation District in Manteca, California, on the above date for the purpose of conducting business of the Tri-Dam Project, pursuant to the resolution adopted by each of the respective Districts on July 29, 1955.

President Holmes called the meeting to order at 9:00 a.m.

OID DIRECTORS

SSJID DIRECTORS

DIRECTORS PRESENT:

BRAD DeBOER
LINDA SANTOS
TOM ORVIS
ED TOBIAS

JOHN HOLBROOK
BOB HOLMES
DAVE KAMPER
GLENN SPYKSMA
MIKE WESTSTEYN

DIRECTORS ABSENT:
HERMAN DOORNENBAL

Also, Present:

Jarom Zimmerman, General Manager, Tri-Dam Project; Brian Jaruszewski, Admin. & Finance Manager, Tri-Dam Project; Chris Tuggle, Ops & Maintenance Supervisor Genna Modrell, Admin. & Finance Asst., Tri-Dam Project; Peter Rietkerk, General Manager, SSJID; Sharon Cisneros, Chief Financial Officer, OID; Tim Wasiewski, Counsel; Tim O’Laughlin, Counsel

PUBLIC COMMENT

None.

CONSENT CALENDAR

ITEM #1 Approve the regular board meeting minutes of May 19, 2022.

Director Holbrook moved to approve the May 19, 2022 minutes as presented. Director Santos seconded the motion.

The motion passed by the following roll call vote:

AYES: DeBoer, Orvis, Santos, Tobias, Holbrook, Holmes, Kamper, Spyksma, Weststeyn

NOES: None

ABSTAINING: None

ABSENT: Doornenbal

ITEM #2 Approve the advisory committee meeting minutes of June 7, 2022.

Director Holmes advised Scot Moody was present and should be added.
Director Orvis moved to approve the advisory meeting minutes with the noted correction. Director Spyksma seconded the motion.

The motion passed by the following roll call vote:

AYES: DeBoer, Orvis, Santos, Tobias, Holbrook, Holmes, Kamper, Spyksma, Weststeyn

NOES: None

ABSTAINING: None

ABSENT: Doornenbal

ITEM #3 Approve the May financial statements and statement of obligations.

Brian Jaruszewski presented the May financials and responded to Director's questions.

Director Santos moved to approve as presented. Director Weststeyn seconded the motion.

The motion passed by the following roll call vote:

AYES: DeBoer, Orvis, Santos, Tobias, Holbrook, Holmes, Kamper, Spyksma, Weststeyn

NOES: None

ABSTAINING: None

ABSENT: Doornenbal

ACTION CALENDAR

ITEM #4 Discuss and consider adoption of Resolution TDP 2022-10 to implement teleconferencing requirements during a proclaimed state of emergency.

Director Orvis moved to approve as presented. Director Holbrook seconded the motion.

The motion passed by the following roll call vote:

AYES: DeBoer, Orvis, Tobias, Holbrook, Holmes, Kamper, Spyksma

NOES: Santos, Weststeyn

ABSTAINING: None

ABSENT: Doornenbal

TRI-DAM PROJECT
RESOLUTION No. TDP 2022-10
RESOLUTION TO IMPLEMENT TELECONFERENCING REQUIREMENTS
DURING A PROCLAIMED STATE OF EMERGENCY

WHEREAS, the Ralph M. Brown Act requires that all meetings of a legislative body of a local agency be open and public and that any person may attend and participate in such meetings;

WHEREAS, the Brown Act allows for legislative bodies to hold meetings by teleconference, but imposes specific requirements for doing so;

WHEREAS, on March 17, 2020, in order to address the need for public meetings during the present public health emergency, Governor Newsom issued Executive Order No. N-29-20, suspending the Act's teleconferencing requirements; and

WHEREAS, on June 11, 2021, Governor Newsom issued Executive Order No. N-8-21, continuing the suspension of the Brown Act's teleconferencing requirements through September 30, 2021; and

WHEREAS, these Executive Orders allowed legislative bodies to meet virtually as long as certain notice and accessibility requirements were met; and

WHEREAS, the State Legislature amended the Brown Act through Assembly Bill No. 361 (AB 361) on September 16, 2021; and

WHEREAS, AB 361 amended the Brown Act so that a local agency may use teleconferencing without complying with the regular teleconferencing requirements of the Act, where the legislative body holds a meeting during a proclaimed state of emergency and makes certain findings; and

WHEREAS, Government Code section 54953 requires that the legislative body make additional findings every 30 days in order to continue such teleconferencing.

NOW THEREFORE, the Board of Directors of the Tri-Dam Project hereby finds, determines, declares, orders, and resolves as follows:

1. That the foregoing recitals are true and correct and incorporates them by this reference.
2. The Board of Directors ("Board") of the Tri-Dam Project ("TDP") finds, by a majority vote, the following:
 - a. That there exists a proclaimed state of emergency; and
 - b. State or local officials have imposed or recommended measures to promote social distancing.
3. TDP staff is authorized to take all steps and perform all actions necessary to execute and implement this Resolution in compliance with Government Code section 54953.
4. That this Resolution shall take effect immediately and shall remain in effect for thirty (30) days thereafter, provided the conditions set forth in Section 2 remain.

ITEM #5 Discussion and possible action to approve 2022 unrepresented employee pay schedule.

Brian Jaruszewski presented the unrepresented employee salary schedule reflecting the recommended CPI increase effective for the full pay period that includes July 1, 2022.

After a discussion regarding the CPI index used, Director Holbrook moved to approve the cost of living increase of 6.53% as presented. Director Tobias seconded the motion.

The motion passed by the following roll call vote:

AYES: DeBoer, Orvis, Santos, Tobias, Holbrook, Holmes, Kamper, Spyksma, Weststeyn

NOES: None

ABSTAINING: None

ABSENT: Doornenbal

ITEM #6 Discussion and possible action to approve the timber replacement of the Mill Creek Bridge.

Chris Tuggle presented the condition of the current bridge timbers, reminded the Board of the road agreement with the US Forest Service and responded to Director's questions. Director Holbrook moved to approve as presented. Director Tobias seconded the motion.

The motion passed by the following roll call vote:

AYES: DeBoer, Orvis, Santos, Tobias, Holbrook, Holmes, Kamper, Spyksma, Weststeyn

NOES: None

ABSTAINING: None

ABSENT: Doornenbal

ITEM #7 Staff Reports

Jarom Zimmerman presented the staff reports and responded to Director's questions.

ITEM #8 Generation Report

No discussion.

ITEM #9 Fisheries Studies on the Lower Stanislaus River

No report.

ITEM #10 Directors Comments

The Directors thanked Jarom and staff for another great board packet.

Director Tobias advised that he traveled to Donnell's Dam and met Daniel Hogue, Brian Anderson and Nick Payne and shared they they were professional and very helpful.

Director Orvis stated "Two and half years ago we took a chance on lightning in a bottle." Jarom, I wish you and your family well. PDirector Orvis added that OID needs a completed audit by June 30 to be compliant.

Recess to Tri-Dam Power Authority

President Holmes recessed to the Tri-Dam Power Authority Board of Commissioners meeting at 9:45 a.m.

The Tri-Dam Project meeting resumed at 9:53 a.m. after the Tri-Dam Power Authority meeting adjourned.

President Holmes announced before closed session that the following items would be discussed.

The Board took a brief recess at 9:53 a.m. and convened to Closed Session at 10:03 a.m.

ITEM #11 Closed Session

11. a. CONFERENCE WITH LEGAL COUNSEL – EXISTING LITIGATION
Government Code § 54956.9(d)(1)
 1. *Tri-Dam v. Scott Frazier*
Eastern District of California No: 1:20-cv-00408-SKO
 2. *Tri-Dam v. MWH Americas, Inc., et al.*
Tuolumne County Superior Court, Case No. CV61638
 3. *SJTA v. State Water Resources Control Board*
Judicial Council Coordination Proceeding 5013
- b. CONFERENCE WITH LEGAL COUNSEL – ANTICIPATED LITIGATION
Possible Initiation of Litigation
Government Code § 54956.9(d)(4)
Four (4) cases
- c. CONFERENCE WITH LEGAL COUNSEL – ANTICIPATED LITIGATION
Significant Exposure to Litigation
Government Code § 54956.9(d)(2)
Two (2) cases
- d. PUBLIC EMPLOYEE PERFORMANCE EVALUATION
Government Code § 54957(b)(1)
Title: General Manager
- e. PUBLIC EMPLOYMENT
Government Code sec. 54957(b)(1)
Title: General Manager

At the hour of 10:52 a.m., the Board reconvened to open session.

Disclosure of reportable actions taken in Closed Session, pursuant to Government Code Section 54957.1: There were no reportable actions taken in closed session.

ADJOURNMENT

President Holmes adjourned the meeting at 10:52 a.m.

The next regular board meeting is scheduled for July 21, 2022, at the offices of Oakdale Irrigation District, Oakdale, California beginning at 9:00 a.m.

ATTEST:

Peter M. Rietkerk,
Interim Secretary
Tri-Dam Project

**TRI-DAM PROJECT
MINUTES OF THE JOINT BOARD
OF DIRECTORS SPECIAL MEETING**

June 30, 2022
3:00 p.m.
Manteca, California

The Joint Boards of Directors of the Oakdale Irrigation District and the South San Joaquin Irrigation District met in joint session at the office of Oakdale Irrigation District in Manteca, California, on the above date for the purpose of conducting business of the Tri-Dam Project, pursuant to the resolution adopted by each of the respective Districts on July 29, 1955.

President Holmes called the meeting to order at 3:00 pm.

OID DIRECTORS

SSJID DIRECTORS

DIRECTORS PRESENT:

BRAD DeBOER
HERMAN DOORNENBAL
TOM ORVIS
ED TOBIAS
LINDA SANTOS

JOHN HOLBROOK
BOB HOLMES
DAVE KAMPER
MIKE WESTSTEYN

DIRECTOR ABSENT:

GLENN SPYKSMA

Also, Present:

Jarom Zimmerman, General Manager, Tri-Dam Project; Brian Jaruszewski, Admin. & Finance Manager, Tri-Dam Project; Tri-Dam Project; Scot Moody, General Manager, OID; Peter Rietkerk, General Manager, SSJID; Sharon Cisneros, Interim General Manager, OID; Derrick Whipple, Alliant Insurance Services; Allen Tyler, Gallagher, A.J. Gallagher & Co. Insurance Brokers

PUBLIC COMMENT

None.

ACTION CALENDAR

ITEM #1 Discuss and possible action regarding appointment of Interim General Manager.

Motion was made by Director Orvis, 2nd by Director Weststeyn to appoint the OID and SSJID General Managers as co-Interim General Managers for Tri-Dam, vesting each with the authority to act with all the powers normally exercised by the Tri-Dam General Manager.

The motion passed by the following roll call vote:

AYES: DeBoer, Doornenbal, Orvis, Santos, Tobias, Holbrook, Holmes, Kamper, Weststeyn

NOES: None

ABSTAINING: None

ABSENT: Spyksma

ITEM #2 Discussion and possible action regarding approval of insurance renewals.

Motion by Director Doornenbal, 2nd by Director Kamper: Approve Insurance renewals as presented—30-day extensions for existing policies with Zurich American Insurance Company, Associated Electric & Gas Ins. Svc. Ltd [AEGIS]) and Lloyds Syndicate; and 1-year renewals for policies with National Union Fire Insurance [Glatfelter]), Allied World Assurance, Co. and New Hampshire Insurance Company [Glatfelter]).

The motion passed by the following roll call vote:

AYES: DeBoer, Doornenbal, Orvis, Santos, Tobias, Holbrook, Holmes, Kamper, Weststeyn

NOES: None

ABSTAINING: None

ABSENT: Spyksma

ITEM #3 Discussion and possible action regarding acceptance of proposal and award of professional services agreement to Ralph Anderson & Associates for recruitment services.

Motion by Director DeBoer, 2nd by Director Weststeyn: Accept proposal and award professional services agreement to Ralph Anderson & Associates for recruitment services.

The motion passed by the following roll call vote:

AYES: DeBoer, Doornenbal, Orvis, Santos, Tobias, Holbrook, Holmes, Kamper, Weststeyn

NOES: None

ABSTAINING: None

ABSENT: Spyksma

ITEM #4 Discussion and possible action regarding acceptance of proposal and award of professional services agreement for Keystone Power Services for consulting services.

Motion by Director Doornenbal, 2nd by Director Holbrook: Approve proposal and award professional services agreement to Keystone Power Services for consulting services.

The motion passed by the following roll call vote:

AYES: DeBoer, Doornenbal, Orvis, Santos, Tobias, Holbrook, Holmes, Kamper, Weststeyn

NOES: None

ABSTAINING: None

ABSENT: Spyksma

President Holmes announced before closed session that all closed session items on the agenda would be discussed in closed session.

The Board took a brief recess at 3:36 p.m. and convened to Closed Session at 3:41 p.m.

ITEM #5 Closed Session

- a. PUBLIC EMPLOYEE PERFORMANCE EVALUATION
Government Code § 54957(b)(1)

Title: General Manager

- b. PUBLIC EMPLOYMENT
Government Code § 54957(b)(1)
Title: General Manager

At the hour of 4:24 p.m., the Board reconvened to open session.

Disclosure of reportable actions taken in Closed Session, pursuant to Government Code Section 54957.1: There were no reportable actions taken in closed session.

ADJOURNMENT

President Holmes adjourned the meeting at 4:24 p.m.

The next regular board meeting is scheduled for July 21, 2022, at the offices of Oakdale Irrigation District, Oakdale, California beginning at 9:00 a.m.

SUBMITTED BY:

Mia S. Brown
Acting Clerk to the Board

ATTEST:

Robert Holmes
President, South San Joaquin Irrigation District

BOARD AGENDA REPORT

Date: 7/21/2022

Staff: Mia Brown

SUBJECT: Resolution TDP 2022-11 to Implement Teleconferencing Requirements during a Proclaimed State of Emergency

RECOMMENDED ACTION: Approve Resolution TDP 2022-11 proclaiming a local emergency, which authorizes remote teleconference meetings.

BACKGROUND AND/OR HISTORY:

On September 17, 2021 Assembly Bill 361 (AB 361) was signed and took effect on October 1, 2021. AB 361 replaced some provisions of Executive Order N-29-20, which allows local legislative bodies to hold remote teleconference meetings. The resolution will allow the Project a thirty (30) day period to continue remote meetings, or until conditions improve or the Executive Order is cancelled. A subsequent resolution will need to be passed every thirty days to continue the remote meetings.

FISCAL IMPACT: None

ATTACHMENTS: Resolution TDP 2022-11

Board Motion:

Motion by: _____ **Second by:** _____

VOTE:

OID: DeBoer (Yes/No) Doornenbal (Yes/No) Orvis (Yes/No) Santos (Yes/No) Tobias (Yes/No)

SSJID: Holbrook (Yes/No) Holmes (Yes/No) Kamper (Yes/No) Spyksma (Yes/No) Weststeyn (Yes/No)

**TRI-DAM PROJECT
RESOLUTION No. TDP 2022-11
RESOLUTION TO IMPLEMENT TELECONFERENCING REQUIREMENTS
DURING A PROCLAIMED STATE OF EMERGENCY**

WHEREAS, the Ralph M. Brown Act requires that all meetings of a legislative body of a local agency be open and public and that any person may attend and participate in such meetings;

WHEREAS, the Brown Act allows for legislative bodies to hold meetings by teleconference, but imposes specific requirements for doing so;

WHEREAS, on March 17, 2020, in order to address the need for public meetings during the present public health emergency, Governor Newsom issued Executive Order No. N-29-20, suspending the Act's teleconferencing requirements; and

WHEREAS, on June 11, 2021, Governor Newsom issued Executive Order No. N-8-21, continuing the suspension of the Brown Act's teleconferencing requirements through September 30, 2021; and

WHEREAS, these Executive Orders allowed legislative bodies to meet virtually as long as certain notice and accessibility requirements were met; and

WHEREAS, the State Legislature amended the Brown Act through Assembly Bill No. 361 (AB 361) on September 16, 2021; and

WHEREAS, AB 361 amended the Brown Act so that a local agency may use teleconferencing without complying with the regular teleconferencing requirements of the Act, where the legislative body holds a meeting during a proclaimed state of emergency and makes certain findings; and

WHEREAS, Government Code section 54953 requires that the legislative body make additional findings every 30 days in order to continue such teleconferencing.

NOW THEREFORE, the Board of Directors of the Tri-Dam Project hereby finds, determines, declares, orders, and resolves as follows:

1. That the foregoing recitals are true and correct and incorporates them by this reference.
2. The Board of Directors ("Board") of the Tri-Dam Project ("TDP") finds, by a majority vote, the following:
 - a. That there exists a proclaimed state of emergency; and
 - b. State or local officials have imposed or recommended measures to promote social distancing.

3. TDP staff is authorized to take all steps and perform all actions necessary to execute and implement this Resolution in compliance with Government Code section 54953.
4. That this Resolution shall take effect immediately and shall remain in effect for thirty (30) days thereafter, provided the conditions set forth in Section 2 remain.

PASSED AND ADOPTED by the Board of Directors of the Tri-Dam Project this 16th day of June, 2022, by the following vote:

OAKDALE IRRIGATION DISTRICT

SOUTH SAN JOAQUIN IRRIGATION DISTRICT

AYES:

NOES:

ABSENT:

OAKDALE IRRIGATION DISTRICT

SOUTH SAN JOAQUIN IRRIGATION DISTRICT

Tom D. Orvis, President

Robert Holmes, President

Scot A. Moody, Secretary

Peter M. Rietkerk, Secretary

BOARD AGENDA REPORT

Date: 7/21/2022
Staff: Peter Rietkerk
Scot Moody

SUBJECT: Insurance Renewal 2022/2023 – Approval of Insurance

RECOMMENDED ACTION: Discussion and possible action to approve 2022/2023 insurance policies

BACKGROUND AND/OR HISTORY:

In May 2022, a 30-day extension of the current policies was granted by the various insurance carriers to allow for a change of insurance broker, and to afford the new broker, Alliant Insurance Services, an opportunity to conduct a more thorough marketing of the insurance lines of coverage. The extension was set to expire on June 30, 2022.

An additional 30-day extension was requested of all insurance carriers, and was granted by some, but not all carriers. For those carriers whose policies would not extend beyond June 30, 2022, the board approved annual coverage renewals at the June 30, 2022 Special Board meeting. These policies are listed below in Table 1.

Table 1. Lines of Coverage Approved on June 30, 2022

Carrier/ Comments	Policy Number	Coverage Type	Amount of Coverage - sublimits apply as described in policies	Premium & Fees 2021-22	Policy Effective Date	Policy Expiration Date	Premium & Fees estimate for budget 2022- 2023	Renewal through June 30, 2023
National Union Fire Insurance Company of Pittsburgh PA (Glatfelter)	GPNU-PF - 0013093-01	Commercial Package (Includes property for non-generating buildings, Crime, Inland Marine, Auto, General Liability, Public Officials & Management Liability, Cyber Liability, Excess Liability)	Various per policy schedules/SOV	\$118,044	6/1/2021	6/1/2022	\$123,946	\$134,527
Allied World Assurance Co (U.S.) Inc	5111023301	Excess Liability over lead \$10MIL Excess Liability	\$10,000,000	\$62,720	6/1/2021	6/1/2022	\$72,128	\$83,310
New Hampshire Insurance Company (Glatfelter)	GPPWC0 24501343- 00	Workers' Compensation	\$ 1,000,000	\$29,467	7/1/2021	7/1/2022	\$30,940	\$39,292
Total				\$210,231			\$227,014	\$257,129

Note: Renewal premiums do not include TRIA, surplus lines taxes and fees

For the remaining commercial property and terrorism policies with terms expiring July 30, 2022, Alliant Insurance Services has continued to explore the market for quotes for the 8/1/2022 through 8/1/2023 term. In addition to the incumbent markets, Starr Tech, AIG, SCOR, Allianz, Munich Re, Swiss Re, Hartford Steam Boiler and Hannover were approached for alternative options. To date the incumbent markets remain the most competitive. A summary of the property renewal results is as follows in Table 2:

Table 2. Proposed Renewals Lines of Coverage

Carrier/ Comments	Policy Number	Coverage Type	Amount of Coverage - sublimits apply as described in policies	Premium & Fees 2021-22	Renewal Quotes Effective June 1, 2022	Average Rate Change	Premium & Fees Estimate for Budget 2022-2023	Renewal Quotes Effective August 1, 2022	Average Rate Change
		Commercial Property	\$ 75,000,000						
Zurich American Insurance Co.	PWG0768675002	Commercial Property (50% = \$37.5M)	Included - line share 50% (Primary)	\$331,501	\$360,000	4.4%	\$381,226	\$342,000	-0.8%
Associated Electric & Gas Ins. Svc. Ltd (AEGIS)	PO5805703P	Commercial Property (50% = \$37.5M)	Included - line share 50%	\$279,381	\$312,395	7.5%	\$321,288	\$312,395	7.5%
Lloyds Syndicate	B1262FC0281421	Commercial Property (Terrorism)	\$ 98,000,000	\$20,650	\$22,715	5.8%	\$21,683	\$22,715	5.8%
Total				\$631,532	\$695,110	5.8%	\$724,197	\$677,110	3.0%

Note: Renewal premiums do not include TRIA

Should Alliant receive more favorable results ahead of the Tri-Dam meeting, staff will update and recirculate this staff report for board review and consideration.

FISCAL IMPACT: As noted above.

ATTACHMENTS:

Board Motion:

Motion by: _____ **Second by:** _____

VOTE:

OID: DeBoer (Yes/No) Doornenbal (Yes/No) Orvis (Yes/No) Santos (Yes/No) Tobias (Yes/No)

SSJID: Holbrook (Yes/No) Holmes (Yes/No) Kamper (Yes/No) Spyksma (Yes/No) Weststeyn (Yes/No)

BOARD AGENDA REPORT

Date: 7/21/2022
Staff: Jarom Zimmerman

SUBJECT: USGS FY23 Streamgaging Agreement

RECOMMENDED ACTION: Discussion and possible action to approve the United States Geological Survey (USGS) Streamgaging agreement for FY23

BACKGROUND AND/OR HISTORY:

Under Article 8 of the Beardsley/Donnells and Tulloch FERC licenses, Tri-Dam has the requirement to install and maintain gages and streamgaging stations for the purpose of determining the stage and flow of the streams on which the project is located, the amount of water held in and withdrawn from storage, and the effective head on the turbines. The installation of gages, the rating of said streams, and the determination of flow, shall be under the supervision of the District Engineer of the USGS, and the Licensee shall advance to the USGS the amount of funds estimated to be necessary for such supervision, or cooperation for such periods as may mutually be agreed upon. These fees are for lake, river, and stream level monitoring, as well as the end of year full-record review of all data.

In FY22, funds to USGS for these services was in the amount of \$59,050. This rate will increase in FY23 to \$59,840.

FISCAL IMPACT: \$59,840

ATTACHMENTS: USGS Joint Funding Agreement
USGS Funding Summary

Board Motion:

Motion by: _____ **Second by:** _____

VOTE:

OID: DeBoer (Yes/No) Doornenbal (Yes/No) Orvis (Yes/No) Santos (Yes/No) Tobias (Yes/No)

SSJID: Holbrook (Yes/No) Holmes (Yes/No) Kamper (Yes/No) Spyksma (Yes/No) Weststeyn (Yes/No)



United States Department of the Interior

U.S. GEOLOGICAL SURVEY
California Water Science Center
6000 J Street, Placer Hall
California State University
Sacramento, California 95819-6129
Phone: (916) 278-3000 Fax: (916) 278-3070
<https://ca.water.usgs.gov>

June 23, 2022

Mr. Jarom Zimmerman, General Manager
Tri-Dam Project of the Oakdale and South San Joaquin
Irrigation District
Post Office Box 1158
Pinecrest, California 95364

Re: Streamgaging Program for FERC Licenses 2005, 2067, and 2975

Dear Mr. Zimmerman:

This letter of acceptance serves as an agreement between the Tri-Dam Project of the Oakdale and South San Joaquin Irrigation District and the U.S. Geological Survey (USGS). Upon receipt of this signed letter of acceptance by the USGS, a bill will be prepared in advance for operation costs from October 1, 2022 through September 30, 2023 for the streamgages listed in Table 1 beginning on page 3.

Federal Energy Regulatory Commission Project Nos. 2005, 2067, and 2975 provide authority for this gaging activity. The total costs for operation of this program will be \$59,840.

The USGS appreciates that Tri-Dam is willing to help support these streamgages. The results of USGS's work under this agreement will be available for publication by USGS and use in related work.

The USGS requests that your finalized 2023 water year records be furnished to the USGS by December 15, 2023. Your prompt attention to this request will ensure that your records will be incorporated in to the Review/Approval process by USGS personnel as quickly as possible.

Enclosed is an original of this letter with an acceptance line for the Licensee below the USGS signature. If you are in agreement with this proposed program, please return the fully executed electronically signed copy to CAgageADMIN@usgs.gov (preferred) or send one fully executed paper copy to the address in the letter head.

Customer Number: 3000002080

Customer TIN: 94-6032551

Mr. Jarom Zimmerman, General Manager, Tri-Dam Project

Agreement Number: 23ZGFERC712

USGS DUNS #: 1761-38857

USGS Authority: 43 USC 50 and 43 USC 50b

Fixed Cost Agreement: Yes

The USGS is pleased to perform this work for the Tri-Dam Project. The agreement will terminate on September 30, 2023 but may be amended at any time by mutual consent of the parties. Any party may cancel or terminate this agreement by providing 60 days written notice to the other party. When an accepted agreement is terminated, the USGS shall be authorized to collect costs incurred prior to the termination of the agreement plus any termination costs.

If you have any questions concerning this program please contact Ed Parvin, Acting Sacramento Field Office Chief, at (530) 587-0910 or eparvin@usgs.gov. If you have any administrative questions please contact Cade Castro at ccastro@usgs.gov.

DEPARTMENT OF THE INTERIOR
U.S. GEOLOGICAL SURVEY

By:

Mark Dickman, Associate Director for Data
USGS California Water Science Center

Date: 6/23/2022

Tri-Dam Project of the Oakdale and South San Joaquin Irrigation District

Accepted By: _____

Title: _____

Date: _____

cc: Al Caldwell, USGS CAWSC

Ed Parvin, USGS CAWSC

Paul Honeywell, USGS CAWSC

Tri-Dam Project of the Oakdale & South San Joaquin Irrigation District

Attachment for 23ZGFERC712
10/1/2022 to 9/30/2023

SURFACE WATER

SITE NUMBER	DESCRIPTION	CODE	NO. UNITS	DIFF FACTOR	USGS FUNDS	CUST. CASH	OTHER FUNDS	TOTAL COST
11292600	DONNELL LK NR DARDANELLE CA Lake/reservoir O&M	RES-CONT	1	1		\$9,200		\$9,200
				SW Total:				\$9,200
11292610	DONNELL PH NR STRAWBERRY CA Powerhouse record	QFURN-PH	1	1		\$550		\$550
				SW Total:				\$550
11292615	MF STANISLAUS R LOW FLOW REL BL DONNELL LAKE AVM quality assurance check-review	QFURN-AVM	1	1		\$1,470		\$1,470
				SW Total:				\$1,470
11292700	MF STANISLAUS R A HELLS HALF ACRE BRIDGE CA Streamflow, Full Record Review	QFURN	1	1		\$6,070		\$6,070
				SW Total:				\$6,070
11292800	BEARDSLEY LAKE NEAR STRAWBERRY CA Lake/reservoir O&M	RES-CONT	1	1		\$9,200		\$9,200
				SW Total:				\$9,200
11292820	BEARDSLEY PH NR STRAWBERRY CA Powerhouse record	QFURN-PH	1	1		\$550		\$550
				SW Total:				\$550
11292860	JW SOUTHERN PP A SND BAR DIV DAM NR LNG BRN CA Powerhouse record	QFURN-PH	1	1		\$550		\$550
				SW Total:				\$550
11292900	MF STANISLAUS R BL BEARDSLEY DAM CA Streamflow, Full Record Review	QFURN	1	1		\$6,070		\$6,070
				SW Total:				\$6,070
11299995	TULLOCH RES NR KNIGHTS FERRY CA Lake/reservoir O&M	RES-CONT	1	1		\$9,200		\$9,200
				SW Total:				\$9,200
11299996	TULLOCH PH NR KNIGHTS FERRY CA Powerhouse record	QFURN-PH	1	1		\$550		\$550
				SW Total:				\$550
11300500	S SAN JOAQUIN CN NR KNIGHTS FERRY CA Canal Record	QFURN-canal	1	1		\$5,180		\$5,180
				SW Total:				\$5,180
11301000	OAKDALE CN NR KNIGHTS FERRY CA Canal Record	QFURN-canal	1	1		\$5,180		\$5,180
				SW Total:				\$5,180
11302000	STANISLAUS R BL GOODWIN DAM NR KNIGHTS FERRY CA Streamflow, Full Record Review	QFURN	1	1		\$6,070		\$6,070
				SW Total:				\$6,070
SW Grand Total:						\$59,840		\$59,840

SUMMARY FOR 23ZGFERC712

Tri-Dam Project of the Oakdale & South San Joaquin Irrigation District

TYPE	USGS FUNDS	CUST. CASH	OTHER FUNDS	TOTAL COST
------	------------	------------	-------------	------------

SURFACE WATER (SW)	\$59,840	\$59,840
GRAND TOTAL	\$59,840	\$59,840

BOARD AGENDA REPORT

Date: 7/21/2022
Project Lead: Jarom Zimmerman

SUBJECT: Power Marketing Consultant

RECOMMENDED ACTION: Discussion and possible action to approve a power marketing consultant

BACKGROUND AND/OR HISTORY:

In December 2023, the Power Purchase Agreement (PPA) with Silicon Valley Power (SVP) of the City of Santa Clara will expire. Staff wishes to market the Request for Proposal (RFP) a year in advance to avoid any last-minute issues or decision making. After talking with several consultants, the August or September timeframe may be the best time of year to advertise this RFP, because at that time, Load Serving Entities have the hardest time filling their resource adequacy requirements, base load requirements, and renewable portfolio. This may result in entities being willing to pay premium pricing to lock in a renewable, firm resource, such as small hydro.

To assist Tri-Dam through the RFP process, we planned to hire a consultant or broker, experienced in CAISO markets. We sent out a RFP earlier this year but only received one proposal, and we were not comfortable with the pricing structure of that consultant. We then reached out to firms individually to discuss their availability to take on Tri-Dam as a client, their approach to the project, their experience with related work in California markets, and their pricing structure. After interviewing several firms, we narrowed the search down to Z Global to recommend to the Tri-Dam board based on their experience with similar projects, experience with CAISO markets, and their fixed rate structure.

FISCAL IMPACT: \$42,780

ATTACHMENTS: Statement of Qualifications
Task Order

Board Motion:

Motion by: _____ **Second by:** _____

VOTE:

OID: DeBoer (Yes/No) Doornenbal (Yes/No) Orvis (Yes/No) Santos (Yes/No) Tobias (Yes/No)

SSJID: Holbrook (Yes/No) Holmes (Yes/No) Kamper (Yes/No) Spyksma (Yes/No) Weststeyn (Yes/No)

Statement of Qualifications

To give you a better sense of our collective experience and capabilities, we provide short summaries of specific assignments grouped into the following six subject areas:

1. Auction and Procurement Management Experience
2. Energy and Ancillary Service Contracting Experience
3. Transmission Benefit-Cost Analyses and Energy Asset Valuation Experience
4. Forecasting, Power Market Modeling, and Market Analysis Experience
5. Transmission Rate Design and Cost Allocation Experience
6. Financial Structuring and Project Financing Experience

1. Auction and Procurement Management Experience

- A. *Request for Bids (RFB)*: On behalf of clients, developed and issued RFB to load serving entities and marketers and established criteria for selecting short list of potential off-takers. Currently in the process of evaluating bids and negotiating power purchase agreements.
- B. *Transmission Open Season Procurement*: Performed the functions of a procurement manager for a utility planning to build a based rate transmission line. Worked with the utility in designing the open season capacity auction process. Solicited bidders, conducted the bidder's conference, answered bidders' questions, designed and disseminated bidders' packages including standard electronic forms to be used by all bidders. The solicitation format provided bidders with a wide range of bidding parameters that the bidders could use, including multiple bids at different quantities, "all or nothing bids," with varying terms and price ranges. Designed and implemented an evaluation tool that automatically ranked the bids based on predetermined criteria and assisted the utility in determining the investment decision and provided all the regulatory support necessary before FERC.
- C. *Standard Offer Service Procurement Manager*: Assisted the FirstEnergy Ohio utilities in the design and management of an auction process to procure full-requirements service for standard service offer customers. Were responsible for the design and administration of the auction process, conducted information sessions, responded to bidder questions, designed auction software, and administered bidder application process.
- D. *Renewable Power Procurement Manager*: Designed and managed procurement process for solar photovoltaic for a California public utility. *Transmission Auction*: ZGlobal employees have experience in managing over 10,000 MW of transmission rights under the CAISO from 1999 to 2005. The *transmission right* auction ranged from prepared solicitation packages, developed the bidders 'list, developed and disseminated the Request for Quotations, conducted a bidder's conference, evaluated bids, evaluated the creditworthiness of short-listed bidders, write the auction rules, perform the auction and helped negotiate the resulting agreement. We also produced a comprehensive report describing the auction process

2. Energy and Ancillary Service Contracting Experience

- A. Contract Evaluation: For a large industrial client evaluating proposed power supply and management contracts, developed a model of contract base and incentive payments. Using Monte Carlo simulations identified significant asymmetries in the expected value of contract payments, which formed the basis of new negotiations to finalize the arrangement.
- B. Cogeneration Contract Renegotiations: For a Southwestern utility, we prepared a confidential report and assisted in the negotiation of a cogeneration contract with a large industrial customer.
- C. Valuation of Portfolio Procurement Strategies: Developed fuel purchase portfolio strategies and valued specific purchase agreements for wind, natural gas, and coal. Particular attention was given to the effect on value of typically hard-to-quantify “nonprice” factors such as minimum takes, take limits, penalties, renewal options, evergreen provisions, and other terms that limits or provides flexibility to alter contract usage in response to unanticipated events.
- D. Negotiating Power Contracts: assisted in the state of California in its energy contract restructuring efforts, including the drafting of contracts for power and ancillary service purchases, the negotiation and drafting of a sale-leaseback and power marketing arrangement for major generation assets, as well as the renegotiation of above market fuel contracts.
- E. Renegotiation of IPP Contract: For a California public utility attempting to renegotiate long-term IPP contracts, members of ZGlobal performed analysis of all bidders and risk analysis. The analysis weighed the utility’s damage exposure from breach of contract against the expected savings from breach and further explores multiple uncertainties including mitigation opportunities for the IPPs, fuel price forecasts, capacity costs, contract interpretation, and alternative damage methodologies.
- F. Reactive Power Service Contract: For a Northwestern utility, determined costs of providing Reactive Power Service from generating unit under a bilateral contract.
- G. Procurement Risk Management: Designed and built the risk assessment software to the utility is using for monthly risk reports to regulators and as part of the bid evaluation process for power procurements. ZGlobal staff also prepared and presented workshop material to senior management, state commission staff, and consumer advocacy groups, describing the risk-assessment modeling approach prior to the utility receiving regulatory approval to use the tool we developed.

3. Transmission Benefit-Cost Analyses and Energy Asset Valuation Experience

- A. Western Transmission Project Valuation and Cost-benefit Analysis: Analyzed and quantified the impacts of a proposed interstate transmission line. Simulated WECC-wide congestion and power market conditions in 2013 and 2020, considering the recent changes in economic and fuel market conditions, and increased renewable generation requirements throughout the WECC region testified in state siting case.
- B. HVDC Transmission Project Screening Analysis: Analyzed for independent transmission companies in New Mexico the economic benefit and needs for a proposed three way HVDC station connecting the three electric region of the U.S. Developed and implemented framework

for quantification of economic benefits of HVDC Substation, including market price impacts, production cost and congestion-relief savings, and the line's merchant value described additional, difficult-to-quantify benefits related to reliability, wind integration, ancillary services, resource adequacy, renewable resources and greenhouse gas, resource diversity, and system operations.

- C. Western Transmission and Storage Project Assessment: For a transmission developer's application before FERC and the California Public Utility Commission (CPUC) to build a new 500 kV line, analyzed the benefits to ratepayers. Analysis included benefits beyond those captured in a production cost model, including the benefits of integrating a pumped storage facility that would allow the system to accommodate a larger amount of intermittent renewable resources at a reduced cost. Benefits categories include reliability benefits, and competitive benefits. Quantified benefits for different futures and sensitivities and presented analyses in testimony before the state commission.
- D. Merchant Transmission Plant Valuation: Developed a valuation model for a merchant transmission developer to determine the optimal timing and size of a merchant transmission project. Our valuation model included a price forecast tool and a volatility valuation model value of Transmission for Renewable Energy Development for a transmission developer, analyzes the benefits of a high-voltage transmission overlay in light of climate change policy goals and providing access to remotely located renewable energy Due Diligence Support. We are assisting the management of an unregulated energy company with their due diligence efforts related to the acquisition of a portfolio of generating assets. Our assignment includes evaluation of market price forecasts for energy and capacity, estimation of likely future locational price differentials, the assessment of likely impacts of market structure changes and transmission upgrades, and the evaluation of likely carbon price impacts.
- E. Plant Valuation and Portfolio Risk Management: Evaluated various resource alternatives on the basis of long-term cost and portfolio risk; considered alternatives such as acquiring an existing generation facility, building new generation capacity, or signing a long-term power purchase agreement; estimated the market value of potential acquisition targets, evaluated the value of such assets, and analyzed the extent to which new power contracts or new generation assets would affect the level and risk of future revenue requirements. Our analysis also assessed the extent to which fuel and power price risk hedging could be used to further mitigate portfolio risk.
- F. Wind Project Valuation: Worked for several developers of wind projects, provided a market based revenue forecast for energy and capacity, including the effect of locational marginal pricing on the asset's value. We provided detailed financial models to determine prices needed to make the projects viable, considering several scenarios regarding renewable energy credit prices, CO2 prices, production tax credits, lenders' criteria, and desired return on investment for both the developer and "tax-equity" investors.

4. Forecasting, Power Market Modeling, and Market Analyses Experience

- A. Power Market Modeling: Extensive expertise based on years of experience with several models and applications in the context of business decisions, energy policy matters, and commercial disputes. Specific assignments have included: forecasting of market prices; the valuation of generation and transmission assets; integrated resource planning; the determination of contract

damages in expert testimony and in support of settlement discussions and contract renegotiations; transmission planning efforts and cost-benefit analyses of transmission upgrades; the analysis of vertical market power; the quantification of demand response benefits; the evaluation of Regional Transmission Operator (RTO) choices and RTO seams; the assessment of industry restructuring and market design features on prices, fuel use, and inter-regional power flows; and the evaluation and calibration of clients' in-house simulation models.

- B. Market Impact of New Gas-Fired Project for a Generation Developer: Analyzed the customer benefits associated with a proposed long-term contract, assessed costs and value of contract, fuel diversity and risk mitigation benefits, and the facility's market wide impacts on congestion, energy, and capacity market prices.
- C. Market Impact of Renewable Energy Projects: We analyzed the economic and network impacts of a utility's contemplated contracts with several potential renewable generation projects. The assignment involved simulation of the entire WECC and assessed the extent to which the renewable generation projects would cause additional transmission constraints. We also estimated the impacts of these projects on Locational Prices throughout the region.
- D. Economic Impact of Major Regional Transmission Constraints: For a large and geographically diverse group of clients, a member of ZGlobal used market simulation modeling to perform an in-depth study identifying the major transmission bottlenecks in the Western and ERCOT Interconnections, and evaluated potential solutions.
- E. Impacts of Merchant Transmission Projects: For a merchant transmission company, its ZGlobal used market simulation modeling to forecast the effects of the Trans Cable HVDC Cable on energy prices in California and filed the analysis to FERC in support to the rate approval. The TransBay Cable is a submarine cable under the San Francisco Bay which went into commercial operation in February of 2010 and was successful in obtaining FERC rate approval).
- F. Impact of Market Design Changes on Contract Costs: For a West Coast client, we developed a framework for quantifying the incremental congestion costs that ratepayers would face if suppliers financially delivered power to the lowest priced nodes, estimated potential incremental contract costs using a third party's market simulations, and helped to improve the model inputs to more accurately reflect the transmission system in California. We applied the findings to support the CAISO in design modifications of the California market, Ancillary Service and other costs of Integrating Intermittent Renewables.
- G. For a Utility in the West: ZGlobal created a simulation tool to estimate the cost of integrating intermittent resources into the utility's supply portfolio. This tool is designed to estimate the rising cost of ancillary services anticipated with increasing intermittent resources that have generation output that can be unpredictable and variable in nature. The primary components of the tool estimate the cost of requiring increasing regulation and load-following capabilities with higher ramping speeds.
- H. Ancillary Service Market Fundamentals: Analysis assisted a major hydroelectric generator in understanding the role of electric ancillary services, including voltage control and reserve generating capacity, in a restructured electric market (LMP market). Issues included interaction between the energy, ancillary services, and transmission markets, and the implications of

embedded cost pricing as compared with competitive market based pricing of ancillary services. The engagement involved coordinating work across the generation and transmission groups within the client organization to determine appropriate tariff rates for ancillary services.

5. Transmission Rate Design and Cost Allocation Experience

- A. California Transmission Rate Design: Supporting the CAISO in evaluation of alternatives to its existing transmission and generator interconnection cost allocation methodologies in coordination with the “Cost Allocation and Regional Planning” effort of the Organization of CAISO transmission members.
- B. California Transmission Rate Design: From 1999 through 2003, supported the CAISO in reforming its transmission rate design which resulted in the development of its current transmission access charge. In that case, we: modeled local, regional, and system-wide transmission revenue requirements and access charges under alternative pricing methodologies; analyzed alternative transmission rate design methodologies, such as flat energy charges, time-of-use energy charges, 12-CP demand charges, and alternative treatment of “through and out” wheeling charges; developed a compromise straw proposal that mitigated cost-shifts through regional differentiation of postage-stamp access charges and transition mechanisms; assisted counsel in revising transmission tariff language and helping CAISO staff draft tariff implementation and settlement guidelines; assisted CAISO management in drafting the CAISO’s overview and policy testimony for FERC filing; filed expert testimony (direct and rebuttal) on the cost shifts associated with the proposed new access charge methodology; and testified in FERC settlement conferences and the hearing.
- C. Transmission and Ancillary Service Tariff Development: Developed a FERC compliant transmission tariff for a cooperative transmission owner in California. In this engagement, we built a revenue requirements model and developed FERC- like compliant tariff rates for transmission and ancillary services cost recovery.
- D. Market Services Tariff: represented two utilities and supported their effort to work with CAISO with the design and regulatory filing of tariff schedules for recovery of energy market and congestion management administrative costs. Submitted testimony evaluating the reasonableness of the proposed new tariff schedules from an economic perspective.

6. Financial Structuring and Project Financing Experience

- A. Investment Banking Experience: ZGlobal developed financeable contract structures for large public and private infrastructure projects, utility mergers and acquisitions, bankruptcy restructuring, and numerous power project financings.
- B. Restructuring of Electric Cooperative: Managed financial analysis in connection with transformative restructuring of \$1.2 billion generation and transmission electric cooperative, reported to CEO, CFO, and transaction counsel. Restructuring included termination of complex power supply arrangements, lease unwinds acquisition of generating assets, acquisition of new customers, and related financing arrangements.

- C. Renewables Financing: Performed an independent analysis for the acquisition of 1500 MW of wind development in the Tehachapi region of California. Performed technical and financial analysis, calculate revenue structure and cost and IIR under various conditions.
- D. Finance Ability Analysis: Completed a finance ability analysis relating to \$1.5 billion capital project proposed to operate under long term contract with the State of California.
- E. Shared Ownership Financing: For the project counsel, developed working finance plan and analysis to optimize construction cost for a \$1.2 billion new-build power project proposed to be owned by a consortium including IOUs, municipalities, and an electric cooperative.

Approach to Developing, Issuing and Assessing an RFB and Contracting with Counterparty

The approach that ZGlobal takes with all clients is characterized as a collaborative effort. We view ourselves as an extension of or clients' staff. The approach that we would take with developing and implementing a process for contracting energy and associated products from Tri-Dam's powerhouses is described below.

1. Ensure that objective is clear. We will work with Tri-Dam to develop and clearly state an objective to use as a guiding principle to measure against.
2. Ensure that products produced by the hydro facilities are understood by Tri-Dam and ZGlobal. This step will be the foundation for describing products that will be included in the RFB. Also, determine if Tri-Dam is amenable to offering products individually as opposed to bundled in one power purchase agreement with a single counterparty.
3. Develop a list of potential counterparties that will be sent the RFB. Tri-Dam will review the list for approval and ensure that potential counterparties that we did not include are added.
4. Establish RFB process. We will develop the process for initiating the RFB, communicating to potential counterparties, establishing criteria for scoring responses to the RFB, the RFB timeline and finalizing a counterparty and associated power purchase agreement.
5. Develop RFB. We will write the RFB for review and approval by Tri-Dam.
6. Issue RFB to potential counterparties listed in Action Item 3 above.
7. Receive and record responses to RFB. We expect that there will be questions from potential counterparties. We will record those questions, work with Tri-Dam to respond to questions and send responses to the list of potential counterparties. Once formal response to the RFB is received, we will record and summarize. Responses will be discussed and reviewed with Tri-Dam to develop a shortlist.
8. Notify counterparties that they are shortlisted or not.
9. Negotiate power purchase agreements with shortlist. Shortlist of potential counterparties will be ranked according to criteria listed in Action Item 4. We will work with Tri-Dam to negotiate power purchase agreements with priority counterparties. We assume that the power purchase agreement starting document will be in the form of an EEI or WSPP agreement.
10. Finalize and execute power purchase agreements.

ZGlobal Team

- **Kevin Coffee P.E.** Leads the ZGlobal's market operations team. Kevin's 25-years plus of broad experience in the energy sector allows him to effectively lead ZGlobal's portfolio managers, planners, schedulers, engineers, analysts, risk managers and other subject matter experts. Kevin has worked at ZGlobal since 2010 after spending his previous ten years leading the team responsible for scheduling all of PG&E's load and managing and optimizing its portfolio of hydroelectric, renewable, thermal-fired resources. In addition, Kevin was responsible for implementation of risk management operating procedures for both portfolio management and counterparty credit risk management. Kevin oversees ZGlobal's market operations functions, which provide portfolio management, energy procurement, energy scheduling and settlements, risk management and market analytics services for our clients.
- **Christine Vangelatos** is ZGlobal's Executive Director of Market Analytics. Christine has over twenty years' experience in the energy sector with PG&E and the CAISO. She is highly knowledgeable in the day-to-day operations of transactions with the CAISO market and settlements. While at the CAISO, Christine successfully managed CAISO settlement system implementation which administered several hundred million dollars annually. Christine is an expert in the CAISO nodal market, asset valuation, and economic analysis for a variety of generating and transmission assets.

At ZGlobal, she leads a highly skilled team of engineers and market analysts that develop and use deterministic and stochastic models to perform energy market and operations analyses, forecasting and resource planning in support of ZGlobal's energy scheduling, portfolio optimization, risk management, and asset valuation assessments for clients. Their expertise includes developing and maintaining ZGlobal's production cost models to forecast Locational Marginal Prices (LMP) and dispatch resources under varying scenarios for the CAISO energy markets. Christine also manages ZGlobal's settlement processes. ZGlobal's settlement staff has over 10 years' experience managing energy market settlement processes, check-outs, and reporting. Also, Christine provides leadership and coordinates many of ZGlobal's information technology implementation efforts having many years of experience leading market and settlement application implementation projects at CAISO.

- **Brian Rahman** is ZGlobal's Executive Director of Power Engineering with over twenty-nine years of extensive experience in areas of electrical engineering, management of market systems, operations, design/technology updates, and project coordination in a variety of utility/energy-related disciplines. Brian brings a comprehensive understanding of utility and power system operations, both functional and financial, with experience in hydrogeneration and control area operation, financial analysis of transmission and generation, implementation of large projects and renewable integration.
Additionally, Brian has served as an expert witness on multiple occasions presenting factual arguments in support of utility customers, project developers, as well as the CAISO. With skills centered on project and program management and having worked on projects including the \$100 million CAISO nodal market as the Program Manager, Brian exhibited leadership in managing large and complex engineering projects and implementation of processes, technology, and organizational change.

- **Jamil Labban** is a Senior Market Analyst focusing on Day-Ahead scheduling, CAISO operations, Tariff and Procedures, managing power supply and demand, and monitoring energy markets. Jamil has a broad ranging and diverse skill set developed over twenty (20) years of experience at the CAISO, across Client Services, Regulatory Contracts, Compliance, Market and Grid Operations, Power Supply, Settlements and Billing Divisions.
- **Nicole Ramos** is the Energy and Business Operations Analysts working closely with the energy schedulers and operators to review market conditions, assist in developing strategies to manage assets. Nicole also provides general business support of the administration, reporting and scheduling of wholesale power transactions. This ensures that operational and market aspects are included in long-term power purchase and scheduling agreements.
- **Blessen Jacob** is an Energy Market Analyst with a focus on performing statistical data analysis to aide in developing strategy recommendations related to CAISO market activities such as generation offers, load bidding, and congestion hedging, as well as developing data-driven reports for clients and other applicable regulatory agencies. His work involves assessment of electricity assets using statistics and operations research methodologies to quantify possible financial impacts for projects. Prior to joining ZGlobal, Blessen worked as an Electrical Engineer on commercial and residential high-rise building projects for facility and project management related companies.
- **Joshua Cain** is a Market Settlements Analyst at ZGlobal. Prior to joining our team, Joshua worked in the Market Settlements Design & Configuration department at CAISO. This project-based contract focused on the analysis of energy market settlement calculations to improve efficiency and reduce processing time. Joshua also led the initiative to identify and address unnecessary or redundant charge code equations and created a visual model of the CAISO Settlement System to aid in analysis.

TASK ORDER
RENEWABLE ENERGY CREDIT AND RESOURCE ADEQUACY ASSESSMENTS

In accordance with the Master Consulting Services Agreement (MCSA) between Tri-Dam Project (Client) and ZGlobal Inc. (“Consultant”) dated as of _____, together with any amendments entered into as of the date hereof (“Agreement”), this Task Order details specific services to be performed as part of the Services of Consultant under the Agreement.

Professionals:

The Services under this Task Order are likely to be performed by the following professional categories:

Category / Function	Hourly Rate
Vice President Operations	\$312.85
Executive Director Market Analytics	\$289.28
Executive Director Engineering	\$289.28
Senior Energy Market and Economic Analysts	\$252.48
Market Energy and Economic Analysts	\$177.63

Description of Services:

Task 1 – Provide Overview of Resource Adequacy, Renewable Energy Credit, Carbon-Free and Energy Market Value for Client’s Hydroelectric Plants

1. Provide a description of the current and expected RA landscape over the next five years (2023 through 2027)
2. Provide a description of energy value over the next five years (2023 through 2027)
3. Provide a description of Renewable Energy Credits (REC) and carbon-free products over the next five years (2023 through 2027)
4. Provide a description of the following types of contract options:
 - a. Full Bundled Product: Energy, Resource Adequacy, Carbon-Free and RECs
 - b. Partial Bundled Product: Energy and RECs (Category 1)
 - c. Standalone Product: Resource Adequacy
5. Develop recommendations as to the best strategies used to market the hydroelectric plants to maximize their value to Client

Task 2 – Develop Request for Bids (RFB) for Client’s Hydroelectric Plants

1. Develop list of Load Serving Entities (LSEs) and marketers to send RFB
2. Develop criteria for bidders to respond to RFB
3. Develop metrics against objectives for determining shortlist of bidders
4. Working with Client, develop RFB for release to potential bidders identified in Task 2, Item 1
5. Develop schedule describing activities and dates for issue and completion

Task 3 – Develop Request for Bids (RFB) for Client’s Hydroelectric Plants

1. Track and document entities that were sent the RFB
2. Track, document and respond to bidders’ questions
3. Document bidders’ responses to RFB
4. Rate bidders’ responses to RFB based on metrics developed in Task 2, Item 3
5. Summarize responses and review with Client
6. Determine short list of bidders for Power Purchase Agreement (PPA) negotiation



Task 4 – Assist Client with PPA Negotiations

- 1. As directed by Client, provide input to PPA terms and conditions and provide technical advice

Deliverables

- 1. Task 1 - Draft and final slide deck with recommendations and supporting documentation and discussions with staff and management
- 2. Task 2 – List of potential bidders
- 3. Task 2 – Metrics for measuring bidders’ responses
- 4. Task 2 – Draft and final RFB and associated schedule
- 5. Task 3 – List of bidders that RFB was sent to
- 6. Task 3 – Documentation of bidders’ questions and subsequent responses
- 7. Task 3 – Short list of bidders and summary of how all bidders were ranked
- 8. Task 4 – Documentation of responses to PPA questions and language

Time Schedule

Need to discuss with Tri-Dam

Cost of Services

Task 1 is offered at a fixed cost of \$1,950
 Task 2 is offered at a fixed cost of \$17,215
 Task 3 is offered at a fixed cost of \$16,800
 Task 4 is offered at a fixed cost of \$6,815
 Total cost is fixed at \$42,780

Or we can work on an hourly rate with a cost not to exceed \$50,000

Terms and Conditions

The terms and conditions for these Consulting Services shall apply to this Task Order, per the MCSA Agreement.

Acceptance of the terms of this Task Order by each party is acknowledged by its signature below.

TRI-DAM PROJECT

ZGLOBAL, INC

BY: _____
 NAME: _____
 TITLE: _____
 DATE: _____

BY: _____
 NAME: Ziad Alaywan, P.E.
 TITLE: President/CEO
 DATE: _____

BOARD AGENDA REPORT

Date: 7/21/2022
Staff: Sharon Cisneros
Susan Larson

SUBJECT: Tri-Dam Project Semi-Annual Distribution

RECOMMENDED ACTION: Discussion and possible action to postpone the Semi-Annual Distribution to Oakdale Irrigation District and South San Joaquin Irrigation District until the September 15, 2022 Board meeting

BACKGROUND AND/OR HISTORY:

The District Joint Boards adopted Tri-Dam Project Resolution 2013-01 at the Board meeting held on January 17, 2013. The following actions were taken in that resolution:

1. Established the Maintenance Reserve and Operating Reserve target amounts at \$15 million and \$6 million, respectively
2. Provided that in January and July of each year \$750,000 would be transferred into the Maintenance Reserve until the reserve was fully funded
3. Established procedures for distributions of available funds to the Districts in January and July of each year

Staff recommends that the transfer of funds to the Maintenance account and the distribution of available funds to the two Districts be postponed one time only this year and be brought back to the Board at the meeting held on September 15, 2022. The additional time is required for the Finance Staff to prepare the necessary financial analysis to ensure accuracy of information.

FISCAL IMPACT: None

ATTACHMENTS: Tri-Dam Project Resolution TDP 2013-01

Board Motion:

Motion by: _____ **Second by:** _____

VOTE:

OID: DeBoer (Yes/No) Doornenbal (Yes/No) Orvis (Yes/No) Santos (Yes/No) Tobias (Yes/No)

SSJID: Holbrook (Yes/No) Holmes (Yes/No) Kamper (Yes/No) Spyksma (Yes/No) Weststeyn (Yes/No)

**TRI-DAM PROJECT RESOLUTION NO. TDP-2013-01
OAKDALE IRRIGATION DISTRICT SOUTH
SAN JOAQUIN IRRIGATION DISTRICT**

**RESOLUTION RE-ESTABLISHING TRI-DAM RESERVES AND SEMI-
ANNUAL DISTRIBUTIONS**

BE IT RESOLVED, that the Board of Directors of the Oakdale Irrigation District and the South San Joaquin Irrigation District ("Joint Boards" and "Districts") meeting as the Joint Boards of Directors of the Tri-Dam Project (Project) adopt this Resolution.

WHEREAS, Tri-Dam Project has completed construction of the 3rd Generating Unit at Tulloch Dam, which is now fully operational and,

WHEREAS, the approximately \$27 million cost of constructing the 3rd Generating Unit was paid entirely from existing Tri-Dam reserve funds and,

WHEREAS, the Joint Boards have adopted Tri-Dam Project Resolution 2005-03, dated August 18, 2005, and amended by Resolution 2008-02 on February 26, 2008 "Resolution Establishing Reserves Funds & Semi Annual Distributions for Tri-Dam Project," and Tri-Dam Project Resolution 2009-05, dated May 22, 2009 "Resolution Authorizing Reserve Funds for the Financing of Tulloch 3rd Generating Unit" and,

WHEREAS, the Districts have issued bonds which in part rely on revenues from the Tri-Dam Project and,

WHEREAS, the use of Tri-Dam Project reserve funds for the completion of the 3rd Generating Unit has depleted Tri-Dam's Maintenance Reserve to zero and,

WHEREAS, the Joint Boards find that these Reserves should be established at a level consistent with the risk of substantial failure, obsolescence of major infrastructure assets, maintaining sufficient operating cash, and stabilization of distributions to the Districts, and,

WHEREAS, the Joint Boards find that a repayment plan to fund the Maintenance Reserve is prudent and necessary.

NOW THEREFORE BE IT RESOLVED by the Joint Boards of Directors as follows:

1. Each of the factual recitals stated above are true;
2. Tri-Dam Project Resolutions 2005-03, 2008-02 and 2009-05 are hereby rescinded / superceded;
3. The Tri-Dam Maintenance Reserve shall be established at a level of \$15.0 million;
4. The Operating Reserve shall be established at a level of \$6.0 million;

5. The Self-Insurance Fund shall be established at approximately \$4.7 million. The Self-Insurance Fund shall be drawn down to pay for the recreation improvements required at Beardsley Reservoir pursuant to Tri-Dam's FERC license. The Self-Insurance Reserve Fund will eventually be reduced to zero and at this point the Reserve shall be desolved, as resolved by Tri-Dam Project Resolution 2011-03:
6. The repayment plan for the Maintenance Reserve shall be established at \$1.5 million per year, with \$750,000 repaid to the Maintenance Reserve each January and July;
7. District distributions each January and July shall be made from Available Funds. Available Funds are defined as all cash and investments held by Tri-Dam, less day-to-day operating cash requirements of \$2.0 million, the Operating Reserve, the Maintenance Reserve, and the Self-Insurance Reserve; and
8. Beginning January 2013, each January and July, Available Funds shall first be used to replenish the Maintenance Reserve in the amount of up to \$750,000. All remaining Available Funds shall be distributed in equal shares to the Districts.

PASSED AND ADOPTED by the Joint Board of Directors of the OAKDALE IRRIGATION DISTRICT and of the SOUTH SAN JOAQUIN IRRIGATION DISTRICT for the TRI-DAM PROJECT this 17th day of January 2013 by the following vote:

OAKDALE IRRIGATION DISTRICT

SOUTH SAN JOAQUIN IRRIGATION DISTRICT

AYES: Webb, Doornenbal, Clark

Holbrook, Holmes, Kampar

NOES: Alpers

Kuil, Ross

ABSENT: Bairos

I certify that the foregoing Resolution was duly adopted on January 17, 2013.

Dated: _____

1/31/13



Dan Pope, Secretary

BOARD AGENDA REPORT

Date: 7/21/2022
Staff: Sharon Cisneros
Susan Larson

SUBJECT: CalPERS Unfunded Accrued Liability Payments

RECOMMENDED ACTION: Discussion and action regarding payment of the CalPERS Unfunded Accrued Liability Payments

BACKGROUND AND/OR HISTORY:

Annually, in July, the California Public Employees' Retirement System (CalPERS) issues statements to participating employers advising them of their Annual Unfunded Accrued Liability (UAL). The calculation is based upon the prior year Actuarial Valuation Report and also calculates in any additional payments made.

The UAL must be paid in full to remain in good standing with CalPERS, however, it can either be paid in monthly installments, or in one lump sum in the month of July. If the lump sum payment there is a savings realized of 3.3% of the annual payment as opposed to paying it on a monthly basis.

Staff recommends that the annual payment be made this year and every year to capture the cash savings on the required payment.

The amount due by the end of July for each plan is detailed below:

	Monthly Payment	Annual Cost Paid Monthly	Lump Sum Payment	Savings	% of Savings
Classic Plan	\$ 24,769.92	\$ 297,239.04	\$ 287,352.00	\$ 9,887.04	3.3%
PEPRA Plan	415.50	4,986.00	4,820.00	166.00	3.3%
	\$ 25,185.42	\$ 302,225.04	\$ 292,172.00	\$ 10,053.04	

FISCAL IMPACT: \$292,172

ATTACHMENTS: CalPERS Unfunded Accrued Liability Payment Notices
Revised Payment Notice after additional payment

Board Motion:

Motion by: _____ **Second by:** _____

VOTE:

OID: DeBoer (Yes/No) Doornenbal (Yes/No) Orvis (Yes/No) Santos (Yes/No) Tobias (Yes/No)

SSJID: Holbrook (Yes/No) Holmes (Yes/No) Kamper (Yes/No) Spyksma (Yes/No) Weststeyn (Yes/No)



California Public Employees' Retirement System

Actuarial Office

400 Q Street, Sacramento, CA 95811 | Phone: (916) 795-3000 | Fax: (916) 795-2744

888 CalPERS (or **888-225-7377**) | TTY: (877) 249-7442 | www.calpers.ca.gov

January 13, 2022

CalPERS ID: 7579927706
 Employer Name: TRI-DAM PROJECT
 Rate Plan: MISCELLANEOUS PLAN [419]

Re: Lump Sum Payment to reduce the Unfunded Accrued Liability

Dear Requestor:

As requested, information on the fiscal year 2022-23 employer contribution requirement following your lump sum payment is shown below.

If you are aware of others interested in this information (e.g., payroll staff, county court employees, port districts), please inform them.

The information is based on the most recent annual valuation and assumes payment by *January 19, 2022* and no further contractual or financing changes taking effect before June 30, 2022. The Unfunded Accrued Liability (UAL) will be reduced or eliminated by a lump sum payment in the amount of **\$750,000**. The payment will be applied to the Investment (Gain)/Loss 06/30/2013, Non-Investment (Gain)/Loss 06/30/2014 and Non-Investment (Gain)/Loss 06/30/2018 base(s).

There will be no change to your FY 2021-22 contributions.

Valuation as of June 30, 2020	Pre-Payment	Post-Payment
Projected 6/30/2022 Total Unfunded Liability ¹	\$3,908,647	
Payment on January 19, 2022	\$750,000	
Revised 6/30/2022 Total Unfunded Liability¹		\$3,136,440
FY 2022-23 Employer Contributions		
Base Total Normal Cost for Formula	19.55%	19.55%
Surcharges for Class 1 Benefit		
a) FAC 1	0.62%	0.62%
Phase out of Normal Cost Difference	<u>0.00%</u>	<u>0.00%</u>
Plan's Total Normal Cost	20.17%	20.17%
Formula's Expected Employee Contribution Rate	<u>7.96%</u>	<u>7.96%</u>
Employer Normal Cost Rate	12.21%	12.21%
Payment on Investment (Gain)/Loss 06/30/2013	\$77,359	\$28,559
Payment on Non-Investment (Gain)/Loss 06/30/2014	\$127	\$0
Payment on Non-Investment (Gain)/Loss 06/30/2018	\$3,984	\$0
Payment on all other bases	<u>\$268,680</u>	<u>\$268,680</u>
Employer Unfunded Liability Payment	\$350,150	\$297,239

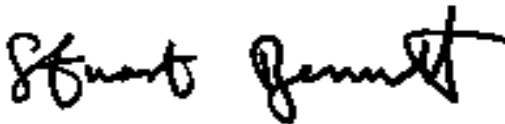
The attached schedule of the plan's amortization bases includes the additional discretionary payment (s) listed above.

¹Calculated amounts were projected from June 30, 2021 to June 30, 2022 based on a discount rate of 6.80% which will be used in the June 30, 2021 valuation, rather than the 7.00% used in the June 30, 2020 valuation.

	Fiscal Year
Required Employer Contribution	2022-23
Employer Normal Cost Rate	12.21%
<i>Plus</i>	
Required Payment on Amortization Bases	
<i>Paid either as</i>	
1) Monthly Payment	\$24,769.92
<i>Or</i>	
2) Annual Prepayment Option*	\$287,352
<p><i>The total minimum required employer contribution is the sum of the Plan's Employer Normal Cost Rate (expressed as a percentage of payroll) plus the Employer Unfunded Accrued Liability (UAL) Contribution Amount (billed monthly (1) or prepaid annually (2) in dollars).</i></p> <p><i>* Only the UAL portion of the employer contribution can be prepaid (which must be received in full no later than July 31).</i></p>	

To initiate this payment, the enclosed Lump Sum Payment Request must be completed and returned to the CalPERS Fiscal Services Division with payment by Electronic Funds Transfer (EFT) or wire transfer by January 19, 2022. A copy should be sent to us.

If you have questions, please call 888 CalPERS (or 888-225-7377).



STUART BENNETT, ASA, MAAA
Senior Pension Actuary, CalPERS

Schedule of Amortization Bases

Reason for Base	Date Est.	Ramp Level 2022-23	Ramp Shape	Escalation Rate	Amort. Period	Balance 6/30/20	Expected Payment 2020-21	Balance 6/30/21	Expected Payment 2021-22	Balance 6/30/22	Minimum Required Payment 2022-23
SHARE OF PRE-2013 POOL UAL	06/30/13	No Ramp		2.75%	14	2,101,696	180,968	2,061,620	185,945	2,009,647	191,059
NON-INVESTMENT (GAIN)/LOSS	06/30/13	100%	Up/Down	2.75%	23	(19,290)	(1,309)	(19,286)	(1,345)	(19,207)	(1,381)
INVESTMENT (GAIN)/LOSS	06/30/13	100%	Up/Down	2.75%	23	1,080,137	73,273	1,079,952	722,847	406,369	28,559
NON-INVESTMENT (GAIN)/LOSS	06/30/14	100%	Up/Down	2.75%	24	1,817	120	1,820	1,881	0	0
INVESTMENT (GAIN)/LOSS	06/30/14	100%	Up/Down	2.75%	24	(1,606,599)	(106,239)	(1,609,166)	(109,161)	(1,605,778)	(112,163)
ASSUMPTION CHANGE	06/30/14	100%	Up/Down	2.75%	14	995,517	94,663	967,283	97,266	932,540	99,941
NON-INVESTMENT (GAIN)/LOSS	06/30/15	100%	Up/Down	2.75%	25	(83,811)	(4,384)	(85,143)	(5,630)	(85,114)	(5,785)
NON-INVESTMENT (GAIN)/LOSS	06/30/16	100%	Up/Down	2.75%	26	(156,758)	(6,160)	(161,359)	(8,440)	(163,609)	(10,840)
ASSUMPTION CHANGE	06/30/16	100%	Up/Down	2.75%	16	382,874	20,846	388,112	28,558	384,991	36,680
NON-INVESTMENT (GAIN)/LOSS	06/30/17	80%	Up/Down	2.75%	27	(32,101)	(853)	(33,466)	(1,315)	(34,383)	(1,802)
INVESTMENT (GAIN)/LOSS	06/30/17	80%	Up/Down	2.75%	27	(595,174)	(15,821)	(620,471)	(24,384)	(637,464)	(33,406)
ASSUMPTION CHANGE	06/30/17	80%	Up/Down	2.75%	17	420,641	15,339	434,219	23,641	439,314	32,388
NON-INVESTMENT (GAIN)/LOSS	06/30/18	60%	Up/Down	2.75%	28	92,090	1,258	97,235	100,487	0	0
INVESTMENT (GAIN)/LOSS	06/30/18	60%	Up/Down	2.75%	28	(176,441)	(2,410)	(186,299)	(4,952)	(193,850)	(7,633)
ASSUMPTION CHANGE	06/30/18	60%	Up/Down	2.75%	18	658,374	12,275	691,763	25,225	712,734	38,879
METHOD CHANGE	06/30/18	60%	Up/Down	2.75%	18	181,076	3,376	190,259	6,938	196,027	10,693
NON-INVESTMENT (GAIN)/LOSS	06/30/19	No Ramp		0.00%	19	90,996	0	97,366	8,885	94,805	8,885
INVESTMENT (GAIN)/LOSS	06/30/19	40%	Up Only	0.00%	19	97,756	0	104,599	2,287	109,348	4,574
NON-INVESTMENT (GAIN)/LOSS	06/30/20	No Ramp		0.00%	20	71,316	0	76,308	0	81,497	7,451
INVESTMENT (GAIN)/LOSS	06/30/20	20%	Up Only	0.00%	20	445,039	0	476,192	0	508,573	11,140
TOTAL						3,949,155	264,942	3,951,538	1,048,733	3,136,440	297,239

This schedule assumes an additional discretionary payment is made in the amount and by the date stated on page 1 of this letter.

Additional UAL Payment Request

Please complete and return this form by either mail or e-mail.

Mail	CalPERS – FRAS Cash and Payments Processing Unit P.O. Box 942703 Sacramento, CA 94229-2703
E-mail	FCSD_public_agency_wires@calpers.ca.gov

Payment may be made by EFT or wire transfer.

Payments may be made by Electronic Funds Transfer (EFT) through myCalPERS or by wire transfer through the State Treasurer's Office.

Visit the [Managing the Unfunded Accrued Liability](#) for payment instructions which are located on our website www.calpers.ca.gov under the **Employers** tab and **Actuarial Resources** section.

Employer Name: TRI-DAM PROJECT
 CalPERS ID: 7579927706
 Member Group or Plan: MISCELLANEOUS PLAN
 Rate Plan ID: 419

Amount: **\$750,000**

Purpose:	Pay Down Unfunded Liability
Base(s) to which payment is applied:	Investment (Gain)/Loss 06/30/2013, Non-Investment (Gain)/Loss 06/30/2014 and Non-Investment (Gain)/Loss 06/30/2018

In recognition of our payment please revise our required employer contribution effective July 1, 2022:

Name and Title (Please Print): _____

Signature: _____ Date: _____

Mailing Address: _____

City/State/Zip: _____

Telephone Number: _____ Fax Number: _____

E-mail Address: _____



P.O. Box 942/15, Sacramento, CA 94229-2715
 888 CalPERS (or 888-225-7377) | Fax: (509) 050-0545
 TTY: (577) 249-7442
www.calpers.ca.gov

California Public Employees' Retirement System

July 01, 2022

Tri-Dam

JUL 12 2022

Tri-Dam Project
 P.O. BOX 1158
 PINECREST, CA 95364-0158

Business Unit: 1900
 CalPERS ID: 7579927700
 Invoice Number: 100000016850333
 Invoice Date: July 01, 2022
 Payment Due Date: July 31, 2022

Description	Amount				
<p>Annual Unfunded Accrued Liability as of the June 30, 2020 Actuarial Valuation, for Rate Plan Identifier 419.</p> <p>The total minimum required employer contribution is the sum of the Plan's Employer Normal Cost Rate (expressed as a percentage of payroll) plus the Employer Unfunded Accrued Liability Contribution Amount.</p> <p>Your agency's monthly amount due toward the Unfunded Accrued Liability is:</p> <table border="0"> <tr> <td>Amount</td> <td>Due Date</td> </tr> <tr> <td>\$24,769.92</td> <td>July 31, 2022</td> </tr> </table> <p>If you would like to prepay the entire Annual Payment toward your Plan's Unfunded Accrued Liability, you can submit the Annual Lump Sum Prepayment amount of \$287,352.00 to the invoice number above by July 31, 2022 instead of the monthly amount listed.</p> <p>Please refer to the June 30, 2020 Actuarial Valuation report for the details of this calculation. Reports are available at CalPERS On-Line or by visiting www.mycalpers.ca.gov</p> <p>Unfunded Accrued Liability contributions are to be paid in full by the payment due date each month. Payments that are not received in full on or before this date will be assessed interest on the total outstanding balance due (Public Employees' Retirement Law § 20572 (b)). Please note that this monthly statement is a demand for payment in accordance with Public Employees' Retirement Law § 20572 (a).</p> <p>For questions concerning your invoice, please call our CalPERS Customer Contact Center at 888 CalPERS (or 888-225-7377) and ask to be referred to the Financial Office.</p>	Amount	Due Date	\$24,769.92	July 31, 2022	
Amount	Due Date				
\$24,769.92	July 31, 2022				
Total Due	\$24,769.92				





P.O. Box 942715, Sacramento, CA 94229-2715
 888 CalPERS (or 888-225-7377) | Fax: (800) 959-6545
 TTY: (877) 249-7442
www.calpers.ca.gov

California Public Employees' Retirement System

July 01, 2022

Tri-Dam

Jul 13 2022

Tri Dam Project
 P.O. BOX 1158
 PINECREST, CA 95384-0158

Business Unit: 1900
 CalPERS ID: 7579927706
 Invoice Number: 10000018850340
 Invoice Date: July 01, 2022
 Payment Due Date: July 31, 2022

Description	Amount				
<p>Annual Unfunded Accrued Liability as of the June 30, 2020 Actuarial Valuation for Rate Plan Identifier 26322.</p> <p>The total minimum required employer contribution is the sum of the Plan's Employer Normal Cost Rate (expressed as a percentage of payroll) plus the Employer Unfunded Accrued Liability Contribution Amount.</p> <p>Your agency's monthly amount due toward the Unfunded Accrued Liability is:</p> <table border="0"> <tr> <td>Amount</td> <td>Due Date</td> </tr> <tr> <td>\$415.50</td> <td>July 31, 2022</td> </tr> </table> <p>If you would like to prepay the entire Annual Payment toward your Plan's Unfunded Accrued Liability, you can submit the Annual Lump Sum Prepayment amount of \$4,820.00 to the invoice number above by July 31, 2022 instead of the monthly amount listed.</p> <p>Please refer to the June 30, 2020 Actuarial Valuation report for the details of this calculation. Reports are available at CalPERS On-Line or by visiting www.mycalpers.ca.gov</p> <p>Unfunded Accrued Liability contributions are to be paid in full by the payment due date each month. Payments that are not received in full on or before this date will be assessed interest on the total outstanding balance due (Public Employees' Retirement Law § 20572 (b)). Please note that this monthly statement is a demand for payment in accordance with Public Employees' Retirement Law § 20572 (a).</p> <p>For questions concerning your invoice, please call our CalPERS Customer Contact Center at 888 CalPERS (or 888-225-7377) and ask to be referred to the Financial Office.</p>	Amount	Due Date	\$415.50	July 31, 2022	
Amount	Due Date				
\$415.50	July 31, 2022				
Total Due	\$415.50				



BOARD AGENDA REPORT

Date: 7/21/2022
Staff: Pam Potter

SUBJECT: Ad-Hoc Management Committee

RECOMMENDED ACTION: Discussion and consider Appointment of Ad-Hoc Management Committee

BACKGROUND AND/OR HISTORY:

FISCAL IMPACT: None

ATTACHMENTS:

Board Motion:

Motion by: _____ **Second by:** _____

VOTE:

OID: DeBoer (Yes/No) Doornenbal (Yes/No) Orvis (Yes/No) Santos (Yes/No) Tobias (Yes/No)

SSJID: Holbrook (Yes/No) Holmes (Yes/No) Kamper (Yes/No) Spyksma (Yes/No) Weststeyn (Yes/No)

BOARD AGENDA REPORT

Date: 7/21/2022
Staff: Pam Potter

SUBJECT: August 2022 Board Meeting Date

RECOMMENDED ACTION: Discussion and possible Action to Change the Date of August 2022 Board Meeting

BACKGROUND AND/OR HISTORY:

FISCAL IMPACT: None

ATTACHMENTS:

Board Motion:

Motion by: _____ **Second by:** _____

VOTE:

OID: DeBoer (Yes/No) Doornenbal (Yes/No) Orvis (Yes/No) Santos (Yes/No) Tobias (Yes/No)

SSJID: Holbrook (Yes/No) Holmes (Yes/No) Kamper (Yes/No) Spyksma (Yes/No) Weststeyn (Yes/No)

BOARD AGENDA REPORT

Date: 7/21/2022
Staff: Susan Larason

SUBJECT: Tour of Donnells

BACKGROUND AND/OR HISTORY:

At the July 21, 2022 Board meeting at Tri-Dam headquarters, a field trip to Beardsley was conducted. There was also discussion about scheduling a tour of Donnells, and the trip originally planned for the fall of 2022 was postponed due to early rains/snow.

Since the August 18, 2022 will be in Strawberry, a field trip to Donnells could be scheduled following the meeting if Board members elect to do so.

FISCAL IMPACT: None

ATTACHMENTS:

Board Motion:

Motion by: _____ **Second by:** _____

VOTE:

OID: DeBoer (Yes/No) Doornenbal (Yes/No) Orvis (Yes/No) Santos (Yes/No) Tobias (Yes/No)

SSJID: Holbrook (Yes/No) Holmes (Yes/No) Kamper (Yes/No) Spyksma (Yes/No) Weststeyn (Yes/No)

BOARD AGENDA REPORT

Date: 7/21/2022
Staff: Forrest Killingsworth

SUBJECT: Canyon Tunnel Progress Update

RECOMMENDED ACTION:

Formal action is not required for this item. Staff seeks general consensus from the Board to proceed with the following activities related to planning, permitting, and design of the Canyon Tunnel Project pending receipt of a favorable draft LSA agreement or the statutory August 5th deadline is reached, whichever comes first.

1. Finalize 60% Design, including upstream Alternative 1A as the preferred alternative
2. Post Notice of Intent to adopt CEQA in Oakdale Leader
3. Publish the CEQA document to the State Clearinghouse for the 30-day public review
4. Prepare and submit an application for a Clean Water Act Section 401 Water Quality Certification
5. Prepare and submit an application for a Clean Water Act Section 404 permit application
6. Prepare 90% Design proposal for consideration at a future Board Meeting

BACKGROUND AND/OR HISTORY:

In May of 2021, the Canyon Tunnel Design team provided an update to the Tridam Board regarding the status of the 60% Design Report. At that point, the preferred tunnel alignment had been established, the conventional (“roadheader”) tunneling method was recommended as opposed to a tunnel boring machine (TBM), and the size and design of the tunnel cross section had been determined. The only outstanding item necessary to finalize the 60% design effort relates to the preferred upstream portal alternative.

Upstream portal Analysis:

Four alternatives were prepared and analyzed. Each alternative is briefly described below:

- Alternate 1A: Tunnel inlet upstream of Goodwin Dam, new diversion control gates at upstream portal, concrete cap for rockfall protection of diversion works, new maintenance and access barge across Goodwin Reservoir
- Alternate 1B: Tunnel inlet upstream of Goodwin Dam, new diversion control gates at downstream portal, pressurized tunnel, concrete cap for diversion works rockfall protection, new maintenance and access barge across Goodwin Reservoir
- Alternate 2A: Tunnel inlet downstream of Goodwin Dam, no changes to existing diversion headworks, no upstream rockfall protection, no maintenance and access barge
- Alternate 2B: Tunnel inlet downstream of Goodwin Dam, no changes to existing diversion headworks, rockfall protection including concrete cap, deflection walls/barriers, new maintenance and access barge across Goodwin Reservoir

The design team recommended Alternative 1A as the preferred alternative assuming that the fish screen would not be required. In short, Alternative 1A would provide the greatest amount of protection and

reliability for the Districts' Joint Supply Canal and diversion works. If a fish screen were to be required, Alternative 2A would have likely become the preference in consideration of maintaining a financially feasible project. Alternatives 1B and 2B were determined to be less desirable based on a combination of increased construction costs, vulnerability to rockfalls, and/or regulatory complications. The Tridam Board provided feedback and general consensus that Alternative 1A would be the preferred selection pending the outcome of the fish screen requirement.

Figure 1 below provides a basic schematic of the two portal configurations above and below Goodwin dam:



Figure 1 Upstream Portal Configurations

Preliminary Opinion of Probable Project Costs:

The 2021 Project Costs were estimated as follows:

- Alternate 1A: \$53.1M (Preferred Alternative)
- Alternate 1B: \$54.5M
- Alternate 2A: \$49.3M
- Alternate 2B: \$58.8M

Soft Costs, included in the values above, were estimated to be \$6M which included CEQA compliance, land entitlement scoping, 90% and 100% design work, preconstruction and bidding support, and construction management and inspection.

Activity over the past year:

The design team recommended delaying the completion of the 60% design report until an official answer was provided regarding the fish screen requirement. California Department of Fish and Wildlife (CDFW) is

the regulatory agency responsible for reviewing the projects impacts and identifying or approving the measures necessary to protect fish and wildlife resources. The process is coordinated through an application to CDFW notifying the agency of a potential Lake or Streambed Alteration (LSA). As a part of the application, CDFW requires that the application include an administrative draft of the CEQA documents. As a result, Provost and Pritchard was contracted through an RFP process to prepare the CEQA documents and to support the District in other environmental permits required for the project.

Over the past year, many environmental and cultural surveys have been conducted. An administrative draft of the CEQA document (i.e. Initial Study/Mitigated Negative Declaration) was prepared and reviewed by District staff. The LSA Application was formally submitted to CDFW on May 5, 2022. The application was deemed complete and was assigned to Zachary Kearns, a staff member at CDFW, for formal review. Upon initial discussion between Provost and Pritchard and Mr. Kearns (via telephone calls and email), the District received a favorable indication regarding the fish screen. Two specific comments have been provided in writing from CDFW:

“Our fisheries biologist, Ben Ewing was able to review the plans and has no overarching concerns with the proposed structure at this point, and didn’t foresee needing to require a fish screen.”

“... we have no intention to ask for a fish screen along the full portion of the channel”

Additionally, it was discovered that if a fish screen were to be required, CDFW would be legally responsible for 50% of the financial burden to design and construct it (per Fish and Game Code). CDFW has until August 5, 2022 to return a draft LSA Agreement to the District for review. If CDFW fails to provide a draft agreement prior to the deadline, the application would be deemed complete by Operation of Law (“Op-law” for short). In this case, per Fish & Game Code, the District would be cleared to proceed without an agreement, provided the project is conducted as described in the original application, including any measures identified in the application intended to protect fish and wildlife resources.

ANALYSIS:

Although a draft LSA agreement has not been received from CDFW, all communication with CDFW indicate that a fish screen will not be required. However, as a matter of precaution, District Staff recommends that all planning and design aspects of the Canyon Tunnel Project proceed only after either: (1) the District is in receipt of a draft LSA agreement which does not include the need for a fish screen; or (2) the August 5th statutory deadline occurs and Op-law takes place.

An alternative would be to proceed immediately under the assumption that CDFW will not include the fish screen requirement in the draft LSA Agreement. The tradeoff is simply the risk of performing unnecessary work (if a fish screen does become a requirement) in exchange for shortening the design and permitting schedule by a few weeks.

Near Term Action Items:

Tribal Consultation & Field Visit – The Chicken Ranch Rancheria of Me-Wuk Indians has expressed concern relating to documented sites that are known to be within the surrounding areas of the project. The Northern Valley Yokut/Ohlone/Bay Mewuk/Patwin Tribe has expressed concern regarding areas that are close to the water where Bedrock Mortars (BRM) may be present. ASM Affiliates, the sub-consultant who conducted the Cultural Survey, recommended a site visit with the two tribes in hopes that a firsthand tour would quell their concerns and minimize the potential mitigation measures that might be required. The consultation should be conducted prior to completion and submission of the CEQA documents to the State Clearinghouse to ensure that all proper mitigation measures are recommended and identified.

Complete 60% Design Report - The 60% design report needs to be formally completed prior to beginning the 90% design. In order to do so, the report and project description need to be modified to identify the preferred upstream portal alternative. Coordination with Tridam staff will likely be necessary to incorporate operations and maintenance needs related to the diversion gates, SCADA/Telemetry requirements, flow

control and measurement, and emergency response. Pending a favorable LSA agreement, Staff recommends selecting Alternative 1A as the preferred alternative in finalizing the 60% design report.

Submission of CEQA documents to the State Clearinghouse – Following consultation with local Indian tribes and update of the project description, the CEQA documents will need to be submitted to the State Clearinghouse to initiate a 30-day public review period. The submission will require a Notice of Intent to adopt CEQA. The notice is recommended to be posted in the *Oakdale Leader*.

Environmental Permits – Clean Water Act Section 401 and 404 compliance will be required for this project. Section 401 compliance requires a Water Quality Certification from the RWQCB for projects that may result in any discharge into waters of the United States. Section 404 requires a permitting process through the USACE for the discharge of dredged or fill material into the navigable waters. The review and approval process can be time consuming and additional mitigation measures need to be understood and acceptable to the Districts prior to commencing with the project. Staff recommends directing Provost and Pritchard to begin the application process for the 401 certification and the 404 permit.

DSOD Review and Coordination – the Department of Safety of Dams (DSOD) has indicated that they will need to be included in the review process if an upstream portal alternative is selected. DSOD has requested that the 60% design report be provided to them for review.

Prepare 90% Design Proposal – Upon completion of the 60% design report, staff recommends immediately initiating the 90% design effort. In order to do so, Provost and Pritchard will begin scoping and preparing a proposal for the two Districts to consider for approval. It is anticipated that the 60% design report and the 90% design proposal will be ready for presentation to the Tridam Board in November of 2022. Staff recommends directing Provost and Pritchard to begin preparing the 90% design proposal for an anticipated delivery to the Districts in November.

Land Owner Negotiations – The Districts will need to coordinate with landowners who may be effected by the project. The two landowners directly impacted by the project involve Mr. Jim Mangante and Mr. Robert Bruner. The Districts will be required to obtain new right-of-way from each landowner to support the project. Additionally, existing water supply facilities provided to Mr. Mangante will be disrupted by the project. The Districts will need to coordinate with Mr. Mangante to ensure that the water he is entitled to will be adequately restored. Other considerations should also be given to adjacent landowners who may be indirectly impacted by the project. Staff recommends beginning the negotiation process with the landowners as a part of the 90% design phase.

Project Schedule:

Assuming the Board provides authorization to proceed with the items listed above, the following provides a brief schedule of remaining activities:

- November, 2022 Complete 60% Design, Initiate 90% Design, Adopt CEQA
- February, 2023 Receive RWQCB CWA Section 401 Certification
- May, 2023 Finalize 90% Design, Initiate 100% Design
- October, 2023 Receive USACE CWA Section 404 Permit
- November, 2023 Finalize 100% Design and Solicit Construction Bids
- January, 2024 Award Construction Contract
- February, 2024 Begin Construction
- February, 2026 Complete Construction

FISCAL IMPACT:

Adequate funds remain in the approved District budgets and the approved consultant contracts to support completion of the 60% design effort, submittal of CEQA documents, and application for the environmental permits discussed above.

ATTACHMENTS:

Attachment A – Preliminary Project Description and Design Maps

Board Motion:

Motion by: _____ Second by: _____

VOTE:

OID: DeBoer (Yes/No) Doornenbal (Yes/No) Orvis (Yes/No) Santos (Yes/No) Tobias (Yes/No)

SSJID: Holbrook (Yes/No) Holmes (Yes/No) Kamper (Yes/No) Spyksma (Yes/No) Weststeyn (Yes/No)

ATTACHMENT A

PROJECT DESCRIPTION For the Proposed CANYON TUNNEL PROJECT

**South San Joaquin Irrigation District
Oakdale Irrigation District**

Knights Ferry, California

April 29, 2021

INTRODUCTION

The proposed project consists of a new water conveyance tunnel to bypass approximately 12,200 lineal feet of existing canal and tunnels, referred to as the Joint Supply Canal (JSC). The objective is to improve long-term reliability of this critical water supply system. The existing canal segments along this bypass reach are extremely vulnerable to catastrophic failure, primarily due to unstable rock slopes that are present along the canyon wall.

The Joint Supply Canal provides water supply for both South San Joaquin Irrigation District (SSJID) and Oakdale Irrigation District (OID). SSJID provides JSC maintenance and is the lead agency for this project. Additional information regarding the Districts and their operations can be provided under separate cover.

The JSC is located along the north bank of the Stanislaus River in Calaveras County, California, near the town of Knights Ferry (see Figure 1 – Vicinity Map). Water is diverted into the JSC at Goodwin Dam; Goodwin Dam was constructed circa 1913 and was raised in 1958. Goodwin Dam is operated by the Tri-Dam Project, an agency owned jointly by SSJID and OID. The maximum flow capacity of the existing JSC is approximately 1,200 cubic feet per second (cfs); the existing flows and annual diversion limits will not be modified as a part of this project.

BACKGROUND

As a part of on-going operations of the JSC, SSJID commissioned a reconnaissance Hazards Identification Study of the existing canal and tunnels in 2004; the study resulted in a brief report, dated July 12, 2005. The reconnaissance study was followed by a more comprehensive Long-Term Improvements Evaluation Study, including a “Phase 2” report dated August 20, 2007. The Phase 2 report included further evaluation of the JSC hazards and hazard mitigation options, including an evaluation of hazard reduction improvement alternatives. The current Canyon Tunnel concept (bypass tunnel option 3 of 8, as included in the Phase 2 report) was included as one of the alternatives.

In January 2013, a relatively large rockslide occurred along the proposed bypass segment upslope of the JSC. As reported in the SSJID Spring 2013 Irrigation Newsletter, “a rockslide occurred uphill from the Joint Supply Canal that brought a wall of rocks, sand, gravel, trees and other material down the hillside and into the Stanislaus River below. The slide inundated approximately 200 feet of JSC and damaged sections of its concrete lining.” Fortunately, this slide occurred in an area where repairs could be implemented quickly, so 2013 water deliveries were not significantly impacted. However, additional rockfall hazard mitigation measures were not implemented at that time.

In February 2017, additional significant rockslides occurred in the proposed bypass segment upslope of the JSC. A specialty contractor was required to provide rockfall hazard mitigation in the rockslide areas to mitigate life safety hazards and allow cleanup within the canal to occur. During this work, other areas of significant potential life safety hazards were observed along the proposed JSC bypass segment.

Based on the 2013 and 2017 rockslide events and site observations, SSJID requested an update to the Phase 2 hazards report; the updated report is dated January 26, 2018. The updated Phase 2 study was based on evaluation of site conditions that had changed since 2007, evaluation of repairs that SSJID and their contractors have made since that time, an evaluation of newer monitoring technology, and a re-evaluation of risks.

Short-term mitigation of observed and accessible potential life safety hazards to maintenance crews working in the proposed JCS bypass segment was performed during the winter maintenance seasons in 2019-2020 and 2020-2021. An estimated 800 tons of loose rock was removed, and approximately 150 cubic yards of temporary shotcrete and 125 rock bolts were placed within approximately 50 feet above the canal. The upper 200 to 250 feet of canyon wall above this zone was not accessible, so no rockfall hazard mitigation has been possible along most of the canyon wall upstream of the JSC access ramp.

In February 2019 SSJID agreed to proceed with 30% design for the Phase 2 study's Alternate 1, bypass tunnel option 3 – the so-called Canyon Tunnel. The 30% design effort primarily focused on the evaluation of subsurface ground conditions for tunneling to prepare a Preliminary Opinion of Probable Construction costs, also referred to as construction cost estimate (CCE). The subsurface conditions along the preliminary tunnel route were found to be a combination of hard, strong metamorphic basement rock and overlying softer sedimentary and volcanic rock. The 30% Design Report is dated April 9, 2020, and presents subsurface findings, proposed modifications to the preliminary tunnel route and estimated project costs.

The Canyon Tunnel 60% design and CCE update effort was approved to proceed in May 2020. Besides supplementing the prior subsurface conditions information with additional geologic data needed for future bidding and construction, the 60% effort provided evaluation of proposed tunnel intake and outlet requirements and alternatives. Based on subsurface conditions data and evaluation of potential tunneling methods, a recommended tunnel route was selected. The primary alternatives evaluated are tunnel intakes located either upstream of the dam (Alternate 1; submerged intake from the existing forebay pool approximately 20 feet from the dam) or downstream of Goodwin Dam (Alternate 2; open channel intake from the existing canal approximately 50 feet downstream of the dam and control structures). An important element of the upstream evaluation included a study of the potential risk of significant future rockslides and/or rockfalls along the north canyon wall above Goodwin Dam. The study confirmed that a significant risk of catastrophic slope failure is present. Therefore, the Alternate 1 intake location upstream of the dam, including a rockfall-resistant cover slab over the intake, is preferable from a long-term reliability standpoint. Proposed permanent tunnel, intake and outlet arrangements, as well as temporary construction facilities and conditions are described in the following section.

PROJECT DESCRIPTION

The work will include temporary construction access, laydown and staging areas; permanent downstream tunnel portal and tie-in to the existing canal; approximately 12,000 lineal feet of new tunnel; permanent upstream tunnel portal and tie-in to either the existing Goodwin Reservoir or existing canal; and permanent access improvements leading to the existing Goodwin Dam right abutment.

Temporary Facilities

Access for construction of the tunnel and downstream facilities will be via existing roads; refer to DWG 0.2 and 0.4. From the Stanislaus County-maintained Schell Road northwest of the town of Knights Ferry, construction traffic will follow an existing ranch road, to a contractor laydown yard on parcel APN 002-073-001 in Stanislaus County. From the laydown yard, traffic will continue along the ranch road to the temporary excavation spoils stockpile area and downstream portal staging areas on parcel APN 053-021-003 in Calaveras County. From the spoils stockpile, excavated native ground will be transported via

highway-legal truck to Ohe's Sand and Gravel pit (south of Knights Ferry on Highway 108 – see Figure 1) unless other arrangements are made with the property owners along the tunnel alignment. The total estimated loose volume of project excavation spoils is 169,000 cubic yards (152,000 cy tunnel plus 17,000 cy downstream portal). The temporary laydown yard, spoils stockpile and upper staging areas will be reclaimed following project construction.

The tunnel excavation and ground support installation will be performed almost entirely via the downstream portal.

Access for construction of the upstream facilities will be through the new tunnel and via existing roads to Goodwin Dam; refer to DWG 0.2. At Goodwin Dam, authorized personnel have pedestrian access to the upstream portal area (APN 053-021-010 in Calaveras County) by an existing suspension bridge during the irrigation season; during the non-irrigation season (November 1 to March 1) the existing canal can be utilized for vehicle access. If upstream intake Alternate 1 is selected, a construction barge will be used to ferry equipment and materials across Goodwin Reservoir; refer to DWG 0.3. Depending on the size of the barge components, the barge may be launched immediately downstream of Tulloch Dam. The barge landing on the south side of Goodwin Reservoir is located on parcel APN 063-120-027 in Tuolumne County.

Permanent Facilities

Permanent access to the tunnel and downstream facilities for inspection and maintenance will be via existing roads; refer to Drawing DWG 0.2. From the Stanislaus County-maintained Schell Road northwest of the town of Knights Ferry, SSJID traffic will follow the existing ranch road to the new downstream portal facilities. The downstream facilities will include a new portal access road, downstream pool, water flow gauging station in a short segment of new canal, and a new canal plug with drain in the old canal (refer to DWG 3.1).

A new well will be drilled from the ground surface to intersect the new tunnel. The well will re-establish water delivery to the adjacent private landowner, who currently draws water from the portion of the Joint Supply Canal to be bypassed by the new tunnel (via the existing "Ram Pump"). The permanent facilities will consist of a small pad and water storage tank located on parcel APN 053-021-003 in Calaveras County.

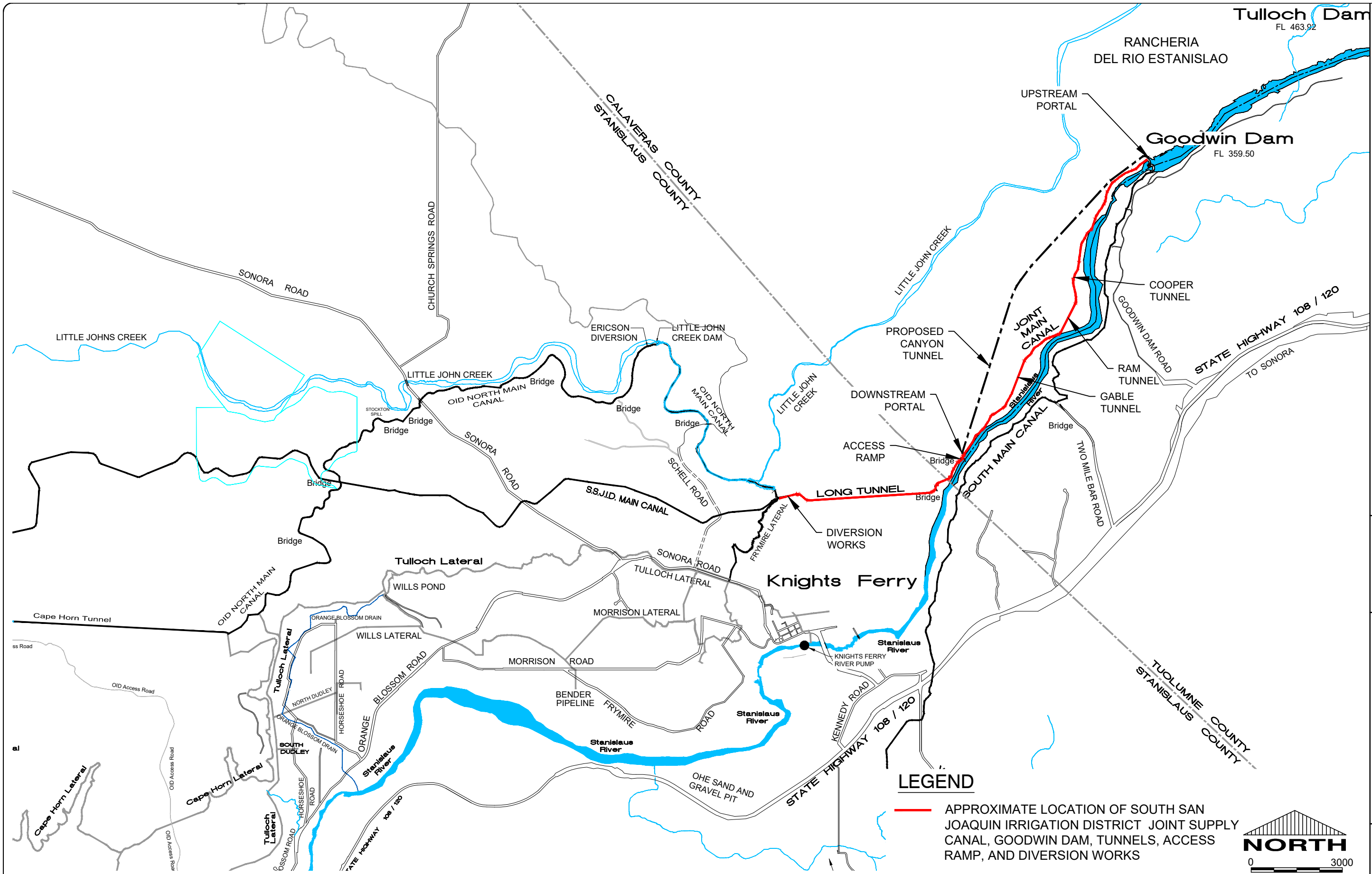
The tunnel alignment was selected based on subsurface ground conditions identified during design studies. The tunnel length will be approximately 12,012 feet for Alternate 1 (DWG 1.0) or 11,386 feet for Alternate 2. The tunnel size will be approximately 16 to 20 feet in diameter (differences based on alternates and selected tunneling means and methods). The tunnel will have "open channel flow" and will maintain approximately 2 feet of freeboard at the maximum flow rate.

Permanent access to the upstream facilities for inspection and maintenance will be through the new tunnel during the non-irrigation season or via existing roads to Goodwin Dam; refer to DWG 0.2. At Goodwin Dam, authorized personnel will have pedestrian access to the upstream portal area by an existing suspension bridge. If upstream intake Alternate 1 is selected, a permanent barge will be used to ferry maintenance equipment and materials across Goodwin Reservoir; refer to DWGs 0.3. Alternative 1 (DWG 2.0) will include a new gate/stop log arrangement at Goodwin Dam, but will maintain the existing trash racks; Alternative 2 may or may not include a new gate arrangement. An upstream canal plug will be provided for Alternative 2 (DWG 2.1).

New easements will be created for the downstream portal area facilities and tunnel alignment. The upstream facilities will be covered by existing easements and easement coordination with Stockton East Water District.

Attachments

- Figure 1 – Vicinity Map
- DWG 0.2 – Site Location Map
- DWG 0.3 – Upstream Access Plan
- DWG 0.4 – Downstream Access Plan
- DWG 1.0 – Tunnel Plan and Profile
- DWG 2.0 – Upstream Facilities Plan – Alternate 1
- DWG 2.1 – Upstream Facilities Plan – Alternate 2
- DWG 3.1 – Downstream Facilities Plan



VICINITY MAP
 JOINT SUPPLY CANAL
 SOUTH SAN JOAQUIN IRRIGATION DISTRICT
 CALAVERAS AND STANISLAUS COUNTIES
 CALIFORNIA

Job No.	4320F1
Date	09 APR 2021
Scale	AS SHOWN
Drawn	Chk'd
KGM	SWL

CONDOR EARTH
 21663 Brian Lane
 P.O. Box 3905
 Sonoma, CA 95370
 (209) 532-0361
 fax(209) 532-0773
 www.condorearth.com

FIGURE 1

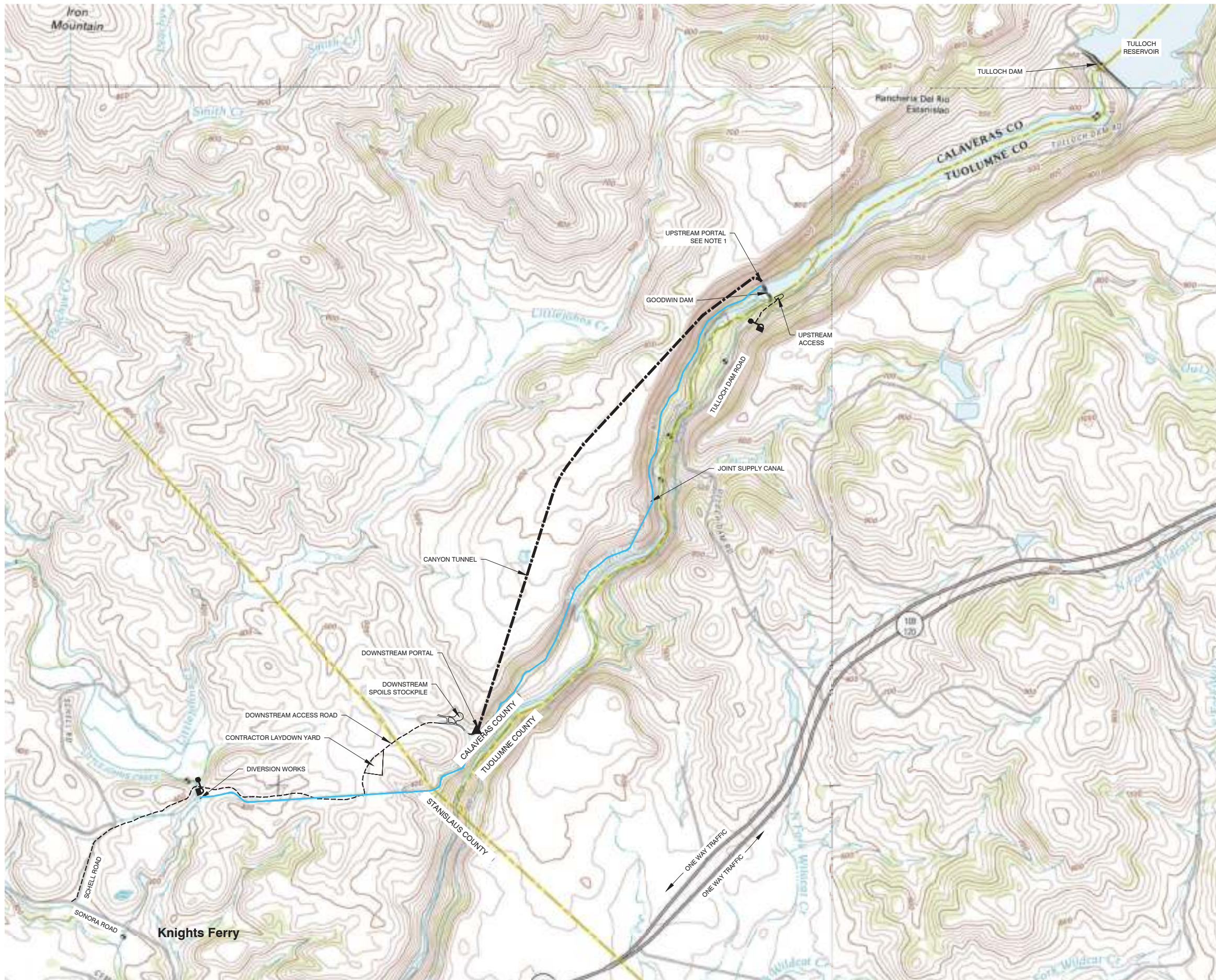
LEGEND

— APPROXIMATE LOCATION OF SOUTH SAN JOAQUIN IRRIGATION DISTRICT JOINT SUPPLY CANAL, GOODWIN DAM, TUNNELS, ACCESS RAMP, AND DIVERSION WORKS



MAP SOURCE: "OFFICIAL MAP OF OAKDALE IRRIGATION DISTRICT, FORMALLY ADOPTED BY OAKDALE IRRIGATION DISTRICT BOARD OF DIRECTORS DEC. 5, 2002", FROM DRAWING District.dwg.
 DISCLAIMER: THIS MAP REPRESENTS FEATURES FOR ILLUSTRATION PURPOSES ONLY. IT IS NOT A LEGAL SURVEY OR CONSTRUCTION DOCUMENT AND IS NOT INTENDED FOR USE IN DETERMINING BOUNDARIES OR DIMENSIONS.
 ANY USE OF THIS MAP FOR PURPOSES OTHER THAN FOR APPROXIMATE LOCATION OF FEATURES IS DONE SO AT THE USER'S RISK AND WITHOUT THE CONSENT OF CONDOR EARTH.

X:\Project\4000_pj\4320 SSJID\4320F1 Canyon Tunnel 60% 4320F1_CAD\DWG\4320F1.dwg 4-12-21 08:52:21 AM kmckinley



LEGEND

- CANAL ACCESS RAMP
- LOCKED GATE

NOTES

1. SEE SHEETS 2.0 AND 2.1 FOR ALTERNATE UPSTREAM PORTAL ARRANGEMENTS.

PORTAL COORDINATES

POINT No.	DESCRIPTION	NORTHING	EASTING	ELEV.
1	U/S PORTAL TUNNEL C/ ALTERNATE 1	2136889.6759	6524042.9841	346.00
1	U/S PORTAL TUNNEL C/ ALTERNATE 2	2136816.6506	6523899.6452	346.00
2	D/S PORTAL TUNNEL C/	2127167.0887	6517891.4558	330.00

* BASIS FOR BEARINGS IS THE CALIFORNIA COORDINATE SYSTEM, ZONE 3, N.A.D. 83
 ** ELEVATIONS SHOWN ARE GIVEN AS FINISH INVERT ELEVATIONS.

PRELIMINARY
 04.09.2021
 FOR PLAN REVIEW ONLY
 NOT FOR CONSTRUCTION

0	DATE	SWL	60% DESIGN
REV#	DATE	BY	DESCRIPTION

SOUTH SAN JOAQUIN IRRIGATION DISTRICT
CANYON TUNNEL
SITE LOCATION MAP

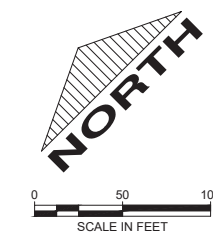
CONDOR EARTH
 21663 Brian Lane
 P.O. Box 3905
 Sonora, CA 95370
 (209) 532-0361
 fax(209) 532-0773
 www.condorearth.com

DWG
0.2

JOB#:	4320F1	DRAWN:	KGM	SCALE:	AS SHOWN
PRINTED:		CHECKED:	SWL	FILE:	4320F1_0.2

DISCLAIMER: THIS PLAN REPRESENTS FEATURES FOR ILLUSTRATION PURPOSES ONLY. IT IS NOT A LEGAL SURVEY AND IS NOT INTENDED FOR USE IN DETERMINING BOUNDARIES OR DIMENSIONS. ANY USE OF THIS PLAN FOR PURPOSES OTHER THAN LOCATION OF FEATURES IS DONE SO AT THE USER'S RISK AND WITHOUT THE CONSENT OF CONDOR EARTH.

X:\Project\4000_LPT\4320_SSJID\4320F1_CAD\DWG\RO_2021\4320F1_0.2.dwg 4-12-21 04:20:03 PM kmckinley

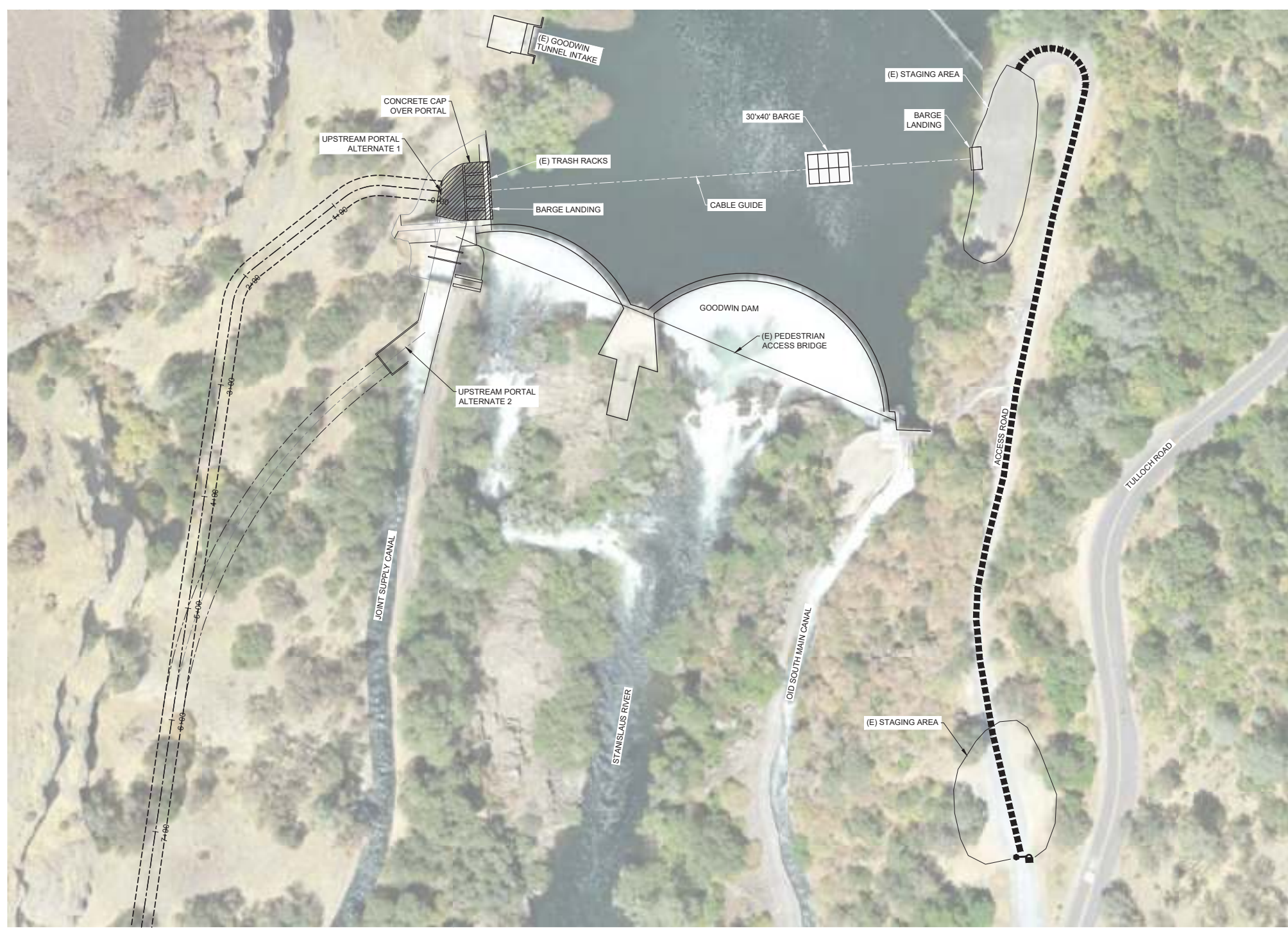


LEGEND

LOCKED GATE

NOTES

1. UPSTREAM ACCESS FACILITIES SHOWN APPLY TO UPSTREAM PORTAL ALTERNATE 1 ONLY. SEE SHEET 2.0.
2. EQUIPMENT ACCESS TO UPSTREAM PORTAL ALTERNATE 2 AVAILABLE THROUGH NEW TUNNEL AND THROUGH EXISTING JOINT SUPPLY CANAL DURING THE NON-IRRIGATION SEASON.



PRELIMINARY
04.09.2021
FOR PLAN REVIEW ONLY
NOT FOR CONSTRUCTION

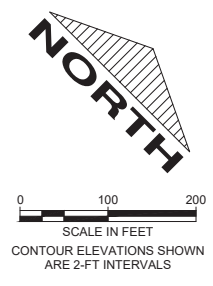
REV#	DATE	SWL	60% DESIGN
0			

SOUTH SAN JOAQUIN IRRIGATION DISTRICT
CANYON TUNNEL
UPSTREAM ACCESS PLAN

	CONDOR EARTH 21663 Brian Lane P.O. Box 3905 Sonora, CA 95370 (209) 532-0361 fax(209) 532-0773 www.condorearth.com	DWG 0.3
	JOB#: 4320F1 PRINTED:	DRAWN: KGM CHECKED: SWL

BACKGROUND IMAGE: UAV FLIGHT FROM EOA REPORT DATED JULY 9, 2020
 DISCLAIMER: THIS PLAN REPRESENTS FEATURES FOR ILLUSTRATION PURPOSES ONLY. IT IS NOT A LEGAL SURVEY AND IS NOT INTENDED FOR USE IN DETERMINING BOUNDARIES OR DIMENSIONS. ANY USE OF THIS PLAN FOR PURPOSES OTHER THAN LOCATION OF FEATURES IS DONE SO AT THE USER'S RISK AND WITHOUT THE CONSENT OF CONDOR EARTH.

X:\Project\4000_lpr\4320_SSJID\4320F1_CAD\DWG\RO_2021\4320F1_0.3.dwg 4-09-21 09:06:11 AM kmckinley



LEGEND
 ▲ CANAL ACCESS RAMP

PRELIMINARY
 04.09.2021
 FOR PLAN REVIEW ONLY
 NOT FOR CONSTRUCTION

REV#	DATE	SWL	60% DESIGN
0			

SOUTH SAN JOAQUIN IRRIGATION DISTRICT

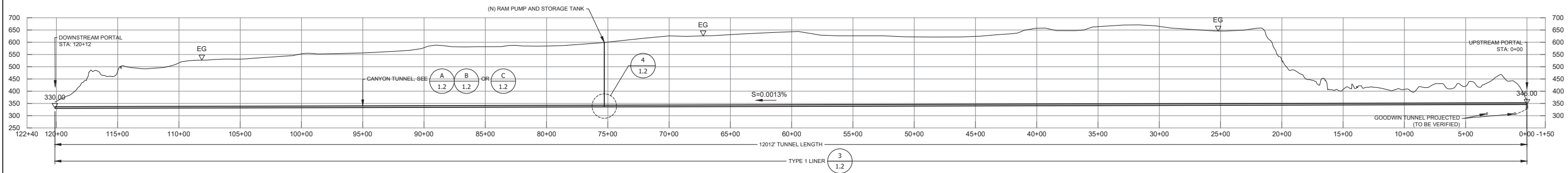
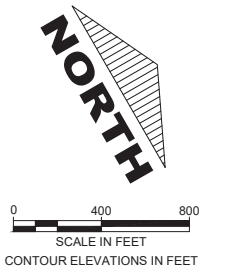
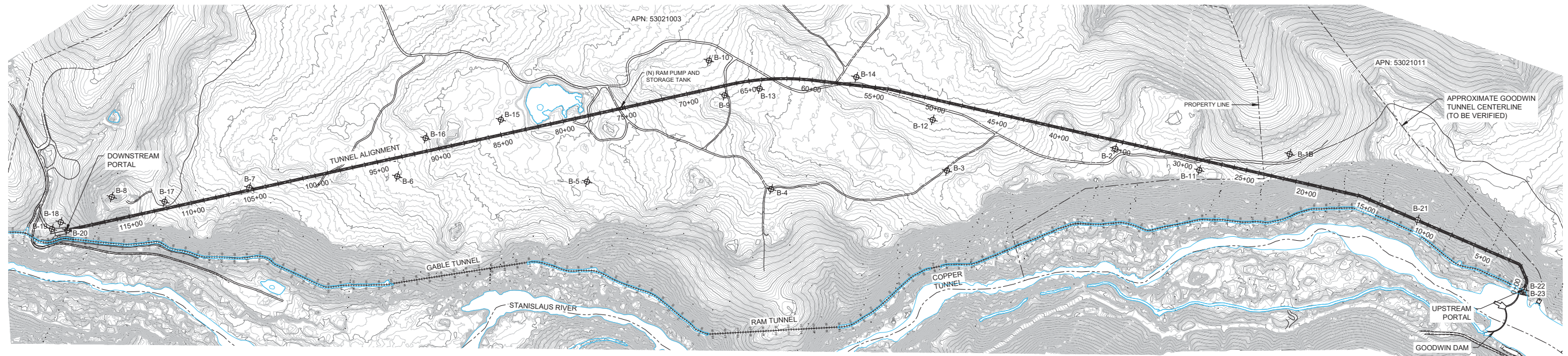
CANYON TUNNEL

DOWNSTREAM ACCESS PLAN

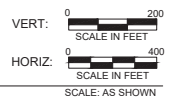
	CONDOR EARTH 21663 Brian Lane P.O. Box 3905 Sonora, CA 95370 (209) 532-0361 fax(209) 532-0773 www.condorearth.com	DWG 0.4
	JOB#: 4320F1 DRAWN: KGM CHECKED: SWL PRINTED:	SCALE: AS SHOWN FILE: 4320F1_0.4

BACKGROUND IMAGE: GOOGLE EARTH 7/18/2019
 DISCLAIMER: THIS PLAN REPRESENTS FEATURES FOR ILLUSTRATION PURPOSES ONLY. IT IS NOT A LEGAL SURVEY AND IS NOT INTENDED FOR USE IN DETERMINING BOUNDARIES OR DIMENSIONS. ANY USE OF THIS PLAN FOR PURPOSES OTHER THAN LOCATION OF FEATURES IS DONE SO AT THE USER'S RISK AND WITHOUT THE CONSENT OF CONDOR EARTH.

X:\Project\4000... 60% 4320F1_CAD\DWG\RO_2021\4320F1_0.4.dwg 4-09-21 08:10:13 AM kmckinley



1 TUNNEL PROFILE



LEGEND

B-8 ⊕ BORING LOCATIONS

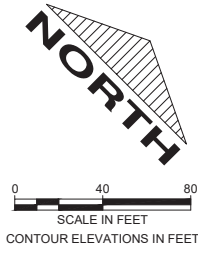
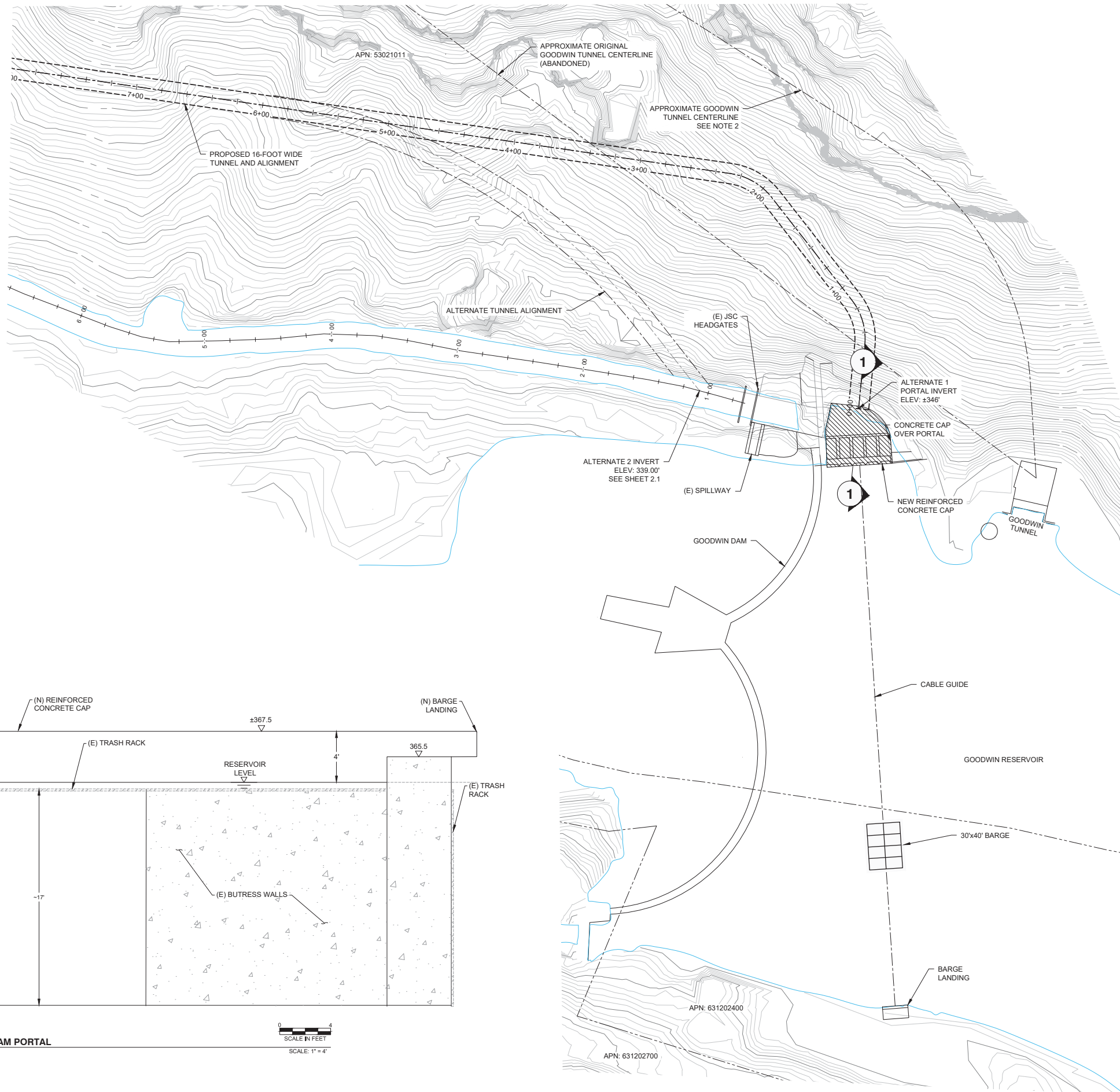
NOTES

1. STATION NUMBERS ARE APPROXIMATE AND FOR REFERENCE ONLY.
2. GEOLOGIC CONDITIONS ARE SHOWN ON SHEET 1.1.
3. TUNNEL PLAN AND PROFILE SHOWN IS FOR UPSTREAM PORTAL ALTERNATE 1 ONLY. SEE SHEETS 2.0 AND 2.1 FOR ALTERNATE ARRANGEMENTS AT THE UPSTREAM PORTAL.

PRELIMINARY
04.09.2021
FOR PLAN REVIEW ONLY
NOT FOR CONSTRUCTION

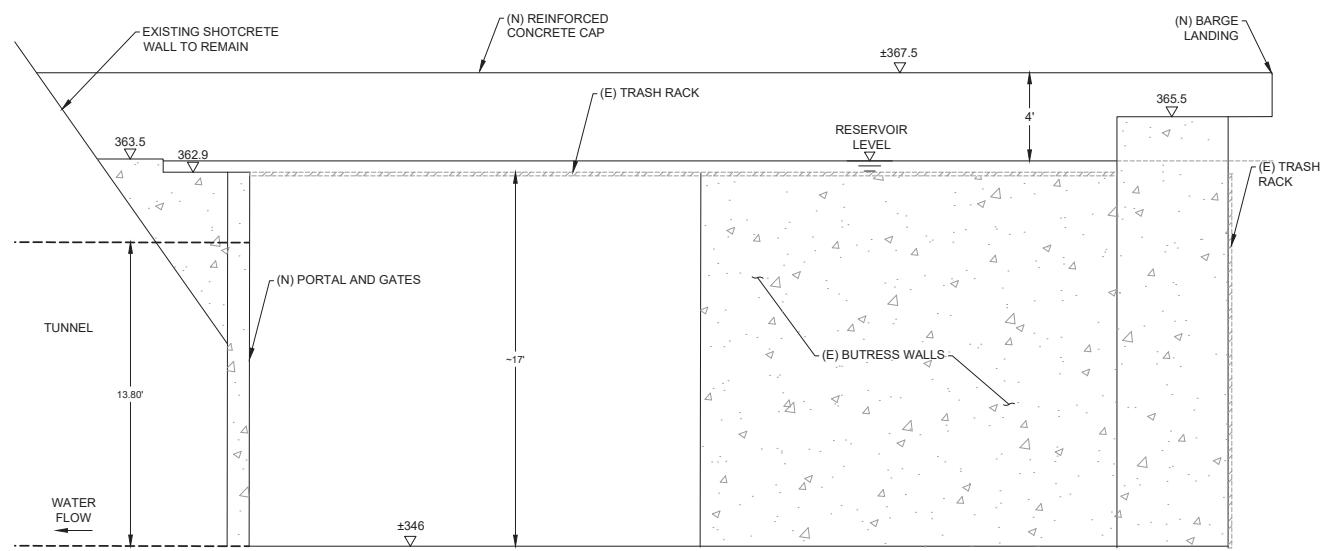
0	SWL	60% DESIGN
REV#	DATE	BY DESCRIPTION
SOUTH SAN JOAQUIN IRRIGATION DISTRICT		
CANYON TUNNEL		
TUNNEL PLAN AND PROFILE		
CONDOR EARTH		DWG
21663 Brian Lane P.O. Box 3905 Sonora, CA 95370 (209) 532-0361 fax(209) 532-0773 www.condorearth.com		1.0
JOB#: 4320F1	DRAWN: KGM	SCALE: AS SHOWN
PRINTED:	CHECKED: SWL	FILE: 4320F1_1.dwg

X:\project\4000_3\4320 SSJ04320F1 Canyon Tunnel 60% Design\CAD\DWG\RD_2021\4320F1_1.dwg 4/12/21 04:18:58 PM kmclintley

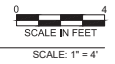


NOTES

1. BARGE AND CABLE GUIDE TO REMAIN AFTER CONSTRUCTION FOR FUTURE USE BY OWNER.
2. EXISTING GOODWIN TUNNEL APPROXIMATELY 50 TO 100 FEET BELOW PROPOSED CANYON TUNNEL, TO BE VERIFIED.



1 CANYON TUNNEL UPSTREAM PORTAL
CONCEPT SECTION

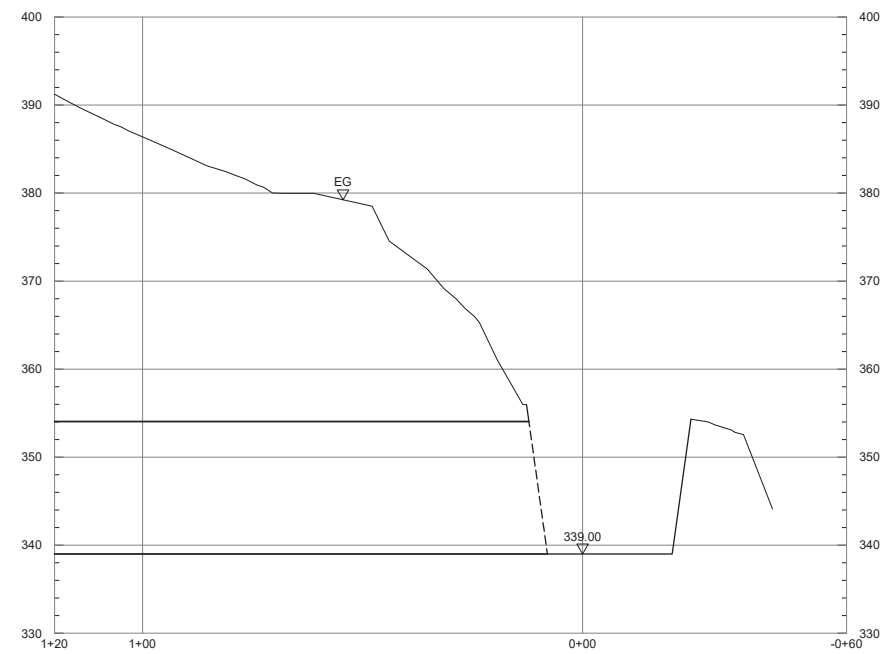
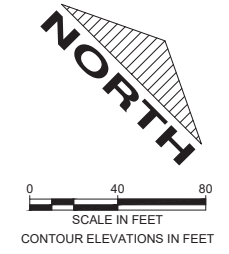
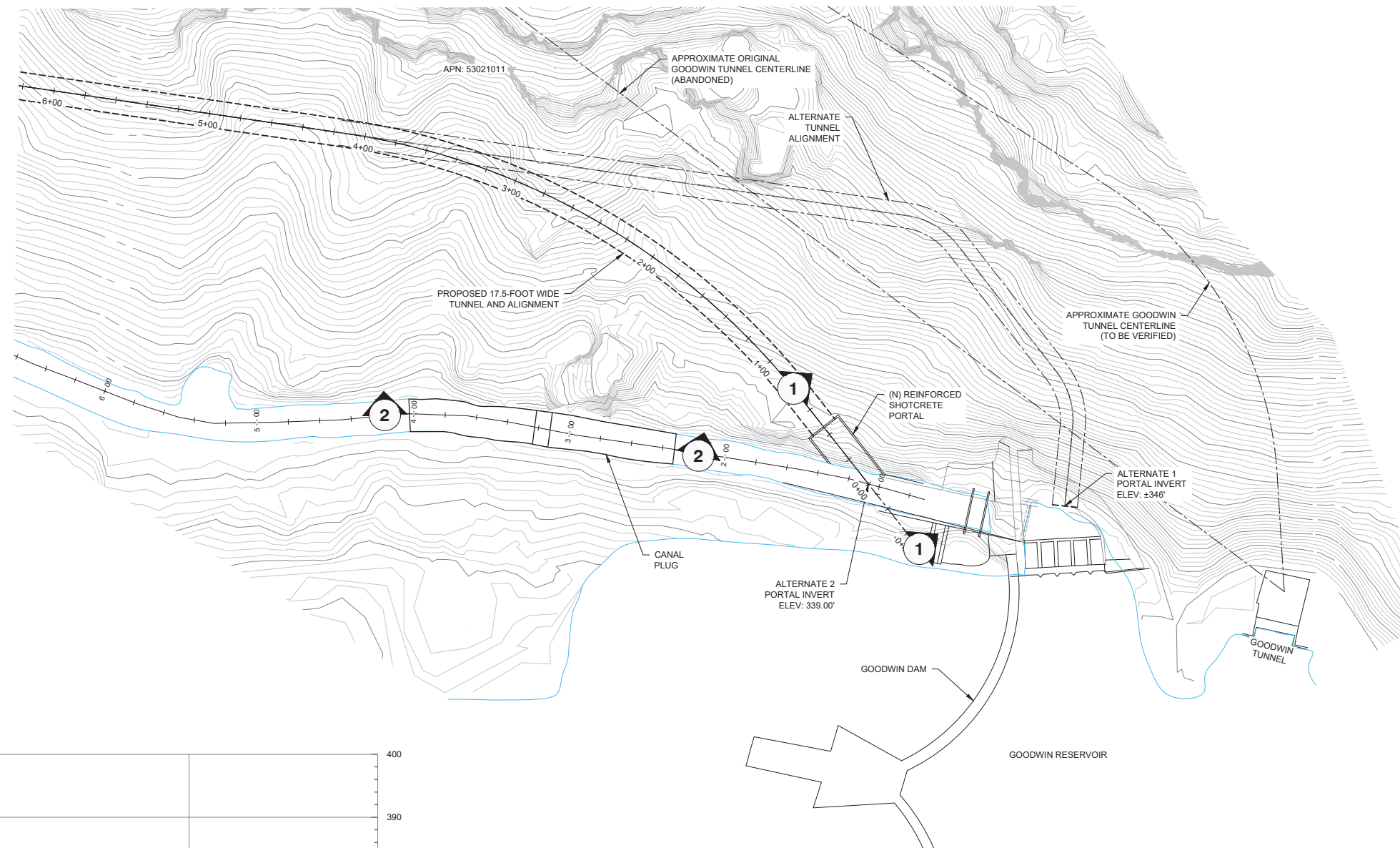


PRELIMINARY
04.09.2021
FOR PLAN REVIEW ONLY
NOT FOR CONSTRUCTION

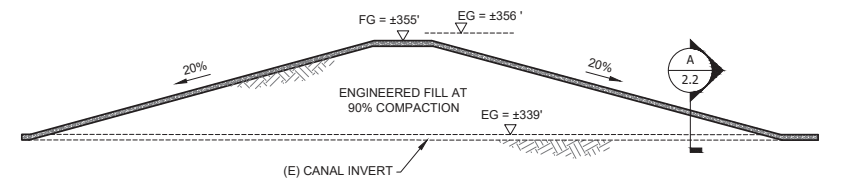
0	DATE	SWL	60% DESIGN
REV#	DATE	BY	DESCRIPTION
SOUTH SAN JOAQUIN IRRIGATION DISTRICT			
CANYON TUNNEL			
UPSTREAM FACILITIES PLAN			
ALTERNATE 1			
CONDOR EARTH			DWG
21663 Brian Lane P.O. Box 3905 Sonora, CA 95370 (209) 532-0361 fax(209) 532-0773 www.condorearth.com			2.0
JOB#:	4320F1	DRAWN: KGM	SCALE: AS SHOWN
PRINTED:		CHECKED: SWL	FILE: 4320F1_2.0

DISCLAIMER: THIS PLAN REPRESENTS FEATURES FOR ILLUSTRATION PURPOSES ONLY. IT IS NOT A LEGAL SURVEY AND IS NOT INTENDED FOR USE IN DETERMINING BOUNDARIES OR DIMENSIONS. ANY USE OF THIS PLAN FOR PURPOSES OTHER THAN LOCATION OF FEATURES IS DONE SO AT THE USER'S RISK AND WITHOUT THE CONSENT OF CONDOR EARTH.

X:\Project\4000_LPT\4320_SSJID\4320F1_CAD\DWG\RO 2021\4320F1_2.0.dwg 4-12-21 02:39:18 PM kmckinley



1 CANYON TUNNEL UPSTREAM PORTAL
CONCEPT SECTION
SCALE: 1" = 4'



2 CANAL PLUG PROFILE
SCALE: N.T.S.

PRELIMINARY
04.09.2021
FOR PLAN REVIEW ONLY
NOT FOR CONSTRUCTION

REV#	DATE	SWL	60% DESIGN
0			

SOUTH SAN JOAQUIN IRRIGATION DISTRICT

CANYON TUNNEL

UPSTREAM FACILITIES PLAN

ALTERNATE 2

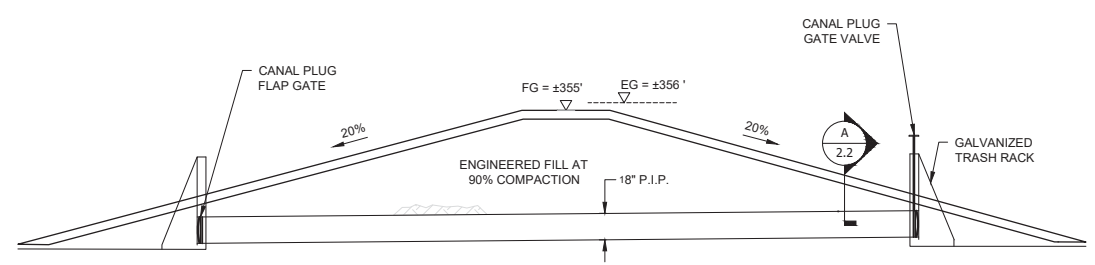
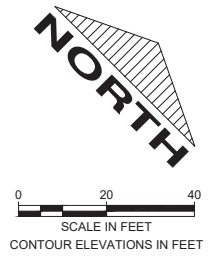
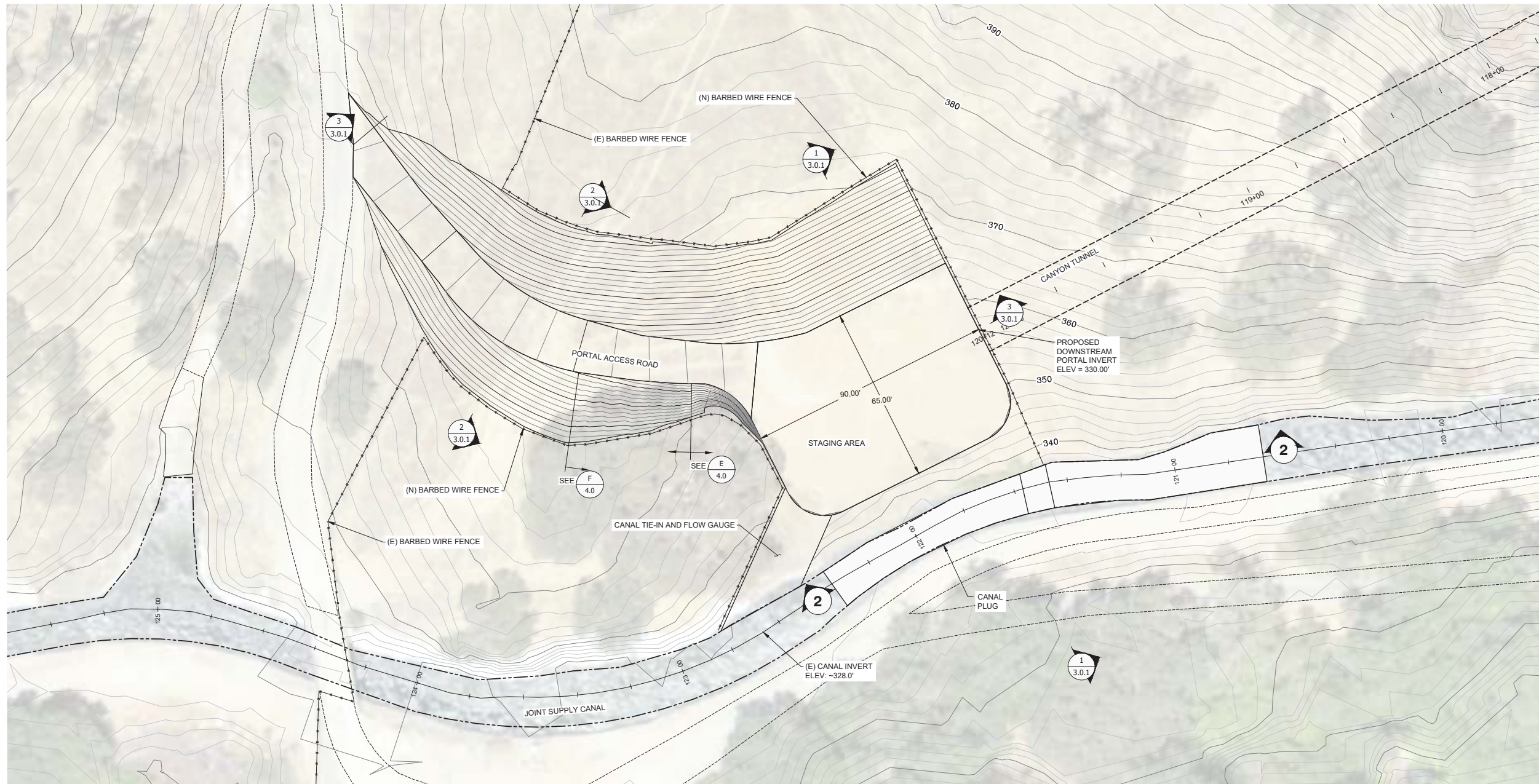
CONDOR EARTH DWG
21663 Brian Lane
P.O. Box 3905
Sonora, CA 95370
(209) 532-0361
fax(209) 532-0773
www.condorearth.com

2.1

JOB#: 4320F1 DRAWN: KGM SCALE: AS SHOWN
PRINTED: CHECKED: SWL FILE: 4320F1_2.1

DISCLAIMER: THIS PLAN REPRESENTS FEATURES FOR ILLUSTRATION PURPOSES ONLY. IT IS NOT A LEGAL SURVEY AND IS NOT INTENDED FOR USE IN DETERMINING BOUNDARIES OR DIMENSIONS. ANY USE OF THIS PLAN FOR PURPOSES OTHER THAN LOCATION OF FEATURES IS DONE SO AT THE USER'S RISK AND WITHOUT THE CONSENT OF CONDOR EARTH.

X:\Project\4000_LPT\4320_SSJID\4320FT_Canyon Tunnel\60%_4320FT_CAD\DWG\RO_2021\4320FT_2.1.dwg 4-12-21 02:39:51 PM kmckinley



2 CANAL PLUG PROFILE SCALE: N.T.S.

PRELIMINARY
 04.09.2021
 FOR PLAN REVIEW ONLY
 NOT FOR CONSTRUCTION

REV#	DATE	SWL	60% DESIGN
0			

SOUTH SAN JOAQUIN IRRIGATION DISTRICT

CANYON TUNNEL

DOWNSTREAM FACILITIES PLAN

CONDOR EARTH
 21663 Brian Lane
 P.O. Box 3905
 Sonora, CA 95370
 (209) 532-0361
 fax(209) 532-0773
 www.condorearth.com

DWG 3.1

JOB#: 4320F1 DRAWN: KGM SCALE: AS SHOWN
 PRINTED: CHECKED: SWL FILE: 4320F1_3.1

DISCLAIMER: THIS PLAN REPRESENTS FEATURES FOR ILLUSTRATION PURPOSES ONLY. IT IS NOT A LEGAL SURVEY AND IS NOT INTENDED FOR USE IN DETERMINING BOUNDARIES OR DIMENSIONS. ANY USE OF THIS PLAN FOR PURPOSES OTHER THAN LOCATION OF FEATURES IS DONE SO AT THE USER'S RISK AND WITHOUT THE CONSENT OF CONDOR EARTH.

X:\Project\4000_LPT\4320_SSJID\4320F1_CAD\DWG\RO_2021\4320F1_3.1.dwg 4-12-21 11:01:26 AM kmckinley

BOARD AGENDA REPORT

Date: 7/21/2022
Staff: Pam Potter

SUBJECT: PSA with Executive Recruitment Firm for Finance & Administrative Manager Position

RECOMMENDED ACTION: Discussion and consider authorizing Interim General Manager to enter into a PSA with an executive recruitment firm for the Finance & Administrative Manager Position

BACKGROUND AND/OR HISTORY:

FISCAL IMPACT: None

ATTACHMENTS:

Board Motion:

Motion by: _____ **Second by:** _____

VOTE:

OID: DeBoer (Yes/No) Doornenbal (Yes/No) Orvis (Yes/No) Santos (Yes/No) Tobias (Yes/No)

SSJID: Holbrook (Yes/No) Holmes (Yes/No) Kamper (Yes/No) Spyksma (Yes/No) Weststeyn (Yes/No)

BOARD AGENDA REPORT

Date: 7/21/2022
Staff: Pam Potter

SUBJECT: Employment Agreement for Interim General Manager

RECOMMENDED ACTION: Discussion and consider Authorization to Approve an Employment Agreement for Interim General Manager

BACKGROUND AND/OR HISTORY:

FISCAL IMPACT: None

ATTACHMENTS:

Board Motion:

Motion by: _____ **Second by:** _____

VOTE:

OID: DeBoer (Yes/No) Doornenbal (Yes/No) Orvis (Yes/No) Santos (Yes/No) Tobias (Yes/No)

SSJID: Holbrook (Yes/No) Holmes (Yes/No) Kamper (Yes/No) Spyksma (Yes/No) Weststeyn (Yes/No)

BOARD AGENDA REPORT

Date: 7/21/2022
Staff: Sharon Cisneros
Scot Moody
Peter Rietkerk

SUBJECT: Discussion Item—Plan for District Management of Tri-Dam business functions

BACKGROUND AND/OR HISTORY:

With the recent resignation of the Tri Dam General Manager and vacancy in the Finance & Administrative Manager (Finance Manager) role, leadership of the two entities has been temporarily filled in by staff of both OID and SSJID. This is not, however, a long-term solution to the management of the Project and the Authority.

At the Special Board Meeting on June 30, 2022, the Board asked OID Chief Financial Officer, Sharon Cisneros, to oversee the finance function until the Board Meeting on July 21, 2022. After three weeks of transitory oversight of the finance staff, our observations suggest that only the immediate needs are being met with the current oversight. Accounts Payable, Payroll, and the June 2022 invoicing to Silicon Valley Power are all that have been completed to date in the day-to-day work of finance staff. The Tri-Dam Project Authority audit has been completed, but the financial statements have not been started. The Tri-Dam Project audit was still open as of the date this report was written, but staff is working with the Fedak & Brown audit team to finish and a real time update will be provided during this discussion.

Staff is recommending that a longer-term resolution to the oversight of the Tri Dam entities be discussed and resolved so that Finance assistance can do more than fill voids. We recommend that an executive search firm be contracted to hire a Finance Manager for the Tri Dam entities.

In the interim, staff is recommending that Sharon Cisneros be assigned to continue overseeing the finance function until full time staff is hired. In the interim period, Sharon can become acquainted with the financial operations of the entity to assist with the transition to the new hire. The Districts will also continue to provide staff support to the financial and administrative function as needed.

There are several important tasks that need to be completed to assist the new Finance Manager to ensure that they are successful in their new position. The following is an estimated time line for the larger items that staff anticipates will need some oversight and potentially assistance until such time as a new Finance Manager is hired and onboarded:

<u>Item</u>	<u>Timeframe</u>
Finish 2021 Audits and Financial Statements	July- August 2022
Adjusting journal entries to correct prior year	August 2022
Review of YTD Financial Activity	August 2022
Preparation of June Financial Statements	August-September 2022
Distributions and Reserve transfers	August-September 2022
2023 Annual Budgets	September - December 2022
2022 Financial Statement Audits	April – June 2023

For OID and SSJID support of Tri-Dam functions, district staff is recommending that each entity bill the Tri-Dam Project for Finance Management, Legal Services, Human Resources Support, and staff level administrative and finance assistance during the interim period. With board consensus, billing would begin for hours worked starting on July 25, 2022 at the fully burdened rate for the individual district employee. Consistent with the recent Canyon Tunnel agreement, hours worked by the two General Managers would not be submitted for reimbursement. Reimbursement would be paid by Tri-Dam entity so that the costs would flow through the two entities equally.

FISCAL IMPACT: None

ATTACHMENTS:

Board Motion:

Motion by: _____ **Second by:** _____

VOTE:

OID: DeBoer (Yes/No) Doornenbal (Yes/No) Orvis (Yes/No) Santos (Yes/No) Tobias (Yes/No)

SSJID: Holbrook (Yes/No) Holmes (Yes/No) Kamper (Yes/No) Spyksma (Yes/No) Weststeyn (Yes/No)

OPERATIONS AND MAINTENANCE MANAGER BOARD REPORT

Chris Tuggle

July 21, 2022

OPERATIONS:

Reservoir Data (A/F):

FACILITY	STORAGE	MONTH CHANGE
Donnells	62,952	1,849
Beardsley	87,672	5,459
Tulloch	65,622	25
New Melones	783,602	(78,910)

Outages:

Plant	Dates	Duration	Cause
BPH	06/12/22	3:06 H/M	Unit tipped due to stator high temp.

Operations Report:

New Melones Inflows:

Total inflows for water year 21/22 as of June 30: 511,418 A/F.

District Usage:

Total District usage for the water year 21/22 as of June 30: 262,4040 A/F.

Precipitation:

Total precipitation for the month of June was .31 inches.

Other Activities:

- FERC Part 12D Inspection.
- Completed the supplemental flow for the Donnells reach.
- Working with vendors to prepare for a NERC/WECC mock audit.
- Updated the Kiosk signage at Tulloch.
- Daily and weekly inspections for all sites.

MAINTENANCE:

Donnell:

1. Equipment in service.

Beardsley:

1. Equipment in service.

Sandbar:

1. Equipment in service.

Tulloch:

1. Equipment in service.

Misc:

- Installed WIFI access points at TPH.
- Installed IP cameras at the Tulloch day use site.
- Cleared trees from the microwave path at Beardsley.
- Ordered material for the fall outages.
- Microwave path study was completed for the Division/Mt Elizabeth link.
- Installed new Accusonic Flow Meter for BPH.

BEARDSLEY PRECIPITATION

YEAR	JUL	AUG	SEPT	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUNE	TOTAL
1958-59	0.00	0.00	0.00	0.00	0.00	0.00	0.00	7.40	1.39	1.40	1.04	0.00	11.23
1959-60	0.00	0.03	3.09	0.00	0.00	1.92	5.74	8.38	4.68	2.45	0.35	0.00	26.64
1960-61	0.05	0.00	0.44	0.63	5.33	2.43	1.60	3.04	4.96	1.49	1.84	0.29	22.10
1961-62	0.21	1.12	0.77	0.70	3.39	2.98	2.04	15.32	6.13	1.12	1.04	0.02	34.84
1962-63	0.30	0.16	0.35	2.98	1.05	2.66	5.91	8.37	6.08	8.24	3.70	0.74	40.54
1963-64	0.00	0.44	0.59	2.63	7.81	0.81	5.84	0.21	3.02	2.01	2.44	1.64	27.44
1964-65	0.00	0.00	0.34	2.08	7.40	17.93	5.90	1.34	2.44	5.27	0.32	0.29	43.31
1965-66	0.00	1.47	0.60	0.47	12.38	4.59	1.68	2.33	1.00	2.39	0.43	0.10	27.44
1966-67	0.13	0.00	0.28	0.00	7.55	8.48	8.77	0.67	10.02	10.25	2.04	1.05	49.24
1967-68	0.00	0.39	0.90	0.54	2.47	3.35	4.94	4.81	3.48	0.73	1.44	0.02	23.07
1968-69	0.10	0.65	0.00	2.12	6.22	8.28	19.45	8.35	1.88	3.39	0.21	0.39	51.04
1969-70	0.00	0.00	0.55	3.41	2.98	6.46	17.06	3.11	3.43	2.50	0.00	3.17	42.67
1970-71	0.00	0.00	0.00	0.91	10.71	8.44	2.83	1.16	4.87	1.49	1.80	0.77	32.98
1971-72	0.00	0.02	0.29	1.22	6.22	10.31	2.39	2.78	1.01	4.03	0.10	1.62	29.99
1972-73	0.00	0.58	0.17	1.85	6.27	5.57	12.08	12.06	5.31	1.11	0.72	0.74	46.46
1973-74	0.05	0.18	0.07	3.65	9.88	9.10	5.08	1.84	8.18	5.15	0.02	0.07	43.27
1974-75	2.57	0.10	0.00	2.82	2.38	4.95	4.25	10.16	9.90	5.41	0.84	0.63	44.01
1975-76	0.03	2.02	0.15	6.75	2.04	0.74	0.49	3.03	2.66	2.42	0.91	0.05	21.29
1976-77	0.10	2.43	1.00	0.93	1.54	0.24	2.50	2.68	2.06	0.25	4.65	0.38	18.76 RECORD LOW
1977-78	0.00	0.00	0.58	0.24	4.76	9.72	10.85	8.31	8.67	7.97	0.19	0.23	51.52
1978-79	0.08	0.00	3.98	0.07	3.17	4.43	8.45	7.60	6.05	1.86	2.88	0.02	38.59
1979-80	0.17	0.03	0.00	4.66	4.63	5.22	14.62	13.03	3.61	3.09	4.33	0.77	54.16
1980-81	0.43	0.02	0.03	0.71	0.58	3.04	8.05	2.69	6.26	1.67	1.42	0.00	24.90
1981-82	0.06	0.00	0.15	5.27	8.76	8.39	6.08	8.08	11.23	8.19	0.12	1.34	57.67
1982-83	0.03	0.02	4.02	8.78	11.30	7.32	10.83	14.34	12.86	6.29	0.74	0.12	76.65 RECORD HIGH
1983-84	0.01	0.09	3.86	1.35	16.44	12.75	0.27	5.51	3.56	2.70	0.84	1.31	48.69
1984-85	0.00	0.05	0.73	3.97	10.28	2.58	1.52	3.13	5.84	0.86	0.07	0.28	29.31
1985-86	0.30	0.12	2.64	3.09	7.71	4.52	4.70	21.98	8.43	2.37	1.58	0.00	57.44
1986-87	0.02	0.00	2.18	0.00	0.49	0.73	3.42	5.89	5.21	0.79	1.63	0.15	20.51
1987-88	0.00	0.00	0.00	2.19	2.22	5.79	5.42	0.88	0.73	3.15	1.66	0.79	22.83
1988-89	0.00	0.00	0.05	0.07	6.96	4.29	1.45	2.73	10.08	1.41	0.74	0.02	27.80
1989-90	0.00	0.33	3.28	4.30	3.02	0.00	4.75	3.40	2.75	1.66	3.46	0.21	27.16
1990-91	0.00	0.11	0.59	0.41	1.62	1.30	0.40	1.79	16.08	1.74	2.54	1.54	28.12
1991-92	0.17	0.10	0.32	5.54	2.32	3.10	1.97	7.68	4.58	0.45	0.45	1.66	28.34
1992-93	3.26	0.35	0.00	3.05	0.44	9.61	12.19	8.74	6.29	2.07	1.24	2.43	49.67
1993-94	0.00	0.00	0.00	1.25	2.11	1.97	2.93	7.08	0.86	3.71	2.22	0.00	22.13
1994-95	0.00	0.00	0.77	2.82	7.92	3.68	18.32	1.14	18.76	6.98	6.72	1.02	68.13
1995-96	0.05	0.00	0.00	0.00	0.35	9.13	10.32	11.17	6.81	3.94	5.51	1.24	48.52
1996-97	0.05	0.01	0.23	2.55	7.14	16.19	18.16	0.80	0.53	0.82	0.51	1.24	48.23
1997-98	0.17	0.00	0.33	1.39	4.99	3.70	12.86	16.30	6.69	4.94	6.46	1.35	59.18
1998-99	0.00	0.00	2.84	0.49	5.12	3.13	8.93	9.71	2.63	3.03	1.28	1.03	38.19
1999-00	0.00	0.13	0.18	1.05	3.51	0.51	11.68	14.13	2.58	3.70	2.72	1.06	41.25
2000-01	0.00	0.07	0.96	3.17	1.01	1.59	4.69	4.70	3.08	5.39	0.00	0.07	24.73
2001-02	0.02	0.00	0.60	1.17	6.97	9.75	2.56	2.13	6.88	2.29	2.02	0.00	34.39
2002-03	0.00	0.00	0.09	0.00	7.42	11.17	1.12	3.50	3.81	9.36	2.69	0.00	39.16
2003-04	0.09	1.32	0.06	0.00	2.88	9.97	2.79	8.52	1.07	0.17	0.55	0.02	27.44
2004-05	0.02	0.00	0.19	7.66	2.93	6.67	10.52	6.95	9.35	3.35	5.76	0.80	54.20
2005-06	0.00	0.11	0.71	1.70	3.34	17.72	7.75	5.26	10.14	10.55	1.97	0.10	59.35
2006-07	0.08	0.00	0.01	1.53	3.56	5.25	2.08	8.70	1.30	2.61	1.33	0.10	26.55
2007-08	0.01	0.17	0.34	1.02	0.95	5.01	10.15	6.69	0.87	0.26	2.85	0.00	28.32
2008-09	0.00	0.00	0.00	1.65	6.17	5.08	5.88	6.98	6.78	1.97	3.37	0.79	38.67
2009-10	0.00	0.10	0.00	4.37	1.31	5.89	7.97	5.86	4.92	6.66	3.65	0.06	40.79
2010-11	0.00	0.00	0.00	8.67	7.15	14.21	2.15	5.76	15.22	1.94	2.94	3.21	61.25
2011-12	0.00	0.00	1.56	3.13	1.77	0.00	6.25	1.62	5.96	4.76	0.37	0.92	26.34
2012-13	0.00	0.00	0.00	1.27	5.78	12.56	0.64	0.93	3.26	1.11	1.48	0.80	27.83
2013-14	0.00	0.00	0.72	0.56	1.80	1.22	1.59	9.23	6.17	3.43	0.98	0.05	25.75
2014-15	0.52	0.03	1.03	0.15	3.72	7.25	0.13	4.49	0.43	3.08	2.75	0.80	24.38
2015-16	0.39	0.00	0.11	2.26	5.36	9.74	9.53	1.74	9.19	3.13	1.82	0.34	43.61
2016-17	0.00	0.00	0.00	7.26	3.19	8.30	22.25	20.47	5.49	8.06	0.59	0.46	76.07
2017-18	0.00	0.09	1.44	0.50	7.34	0.42	5.20	0.76	14.50	3.70	1.02	0.00	34.97
2018-19	0.00	0.00	0.00	1.92	8.21	3.07	9.84	15.37	8.97	2.07	7.43	0.46	57.34
2019-20	0.00	0.00	0.63	0.00	1.39	10.58	2.09	0.08	7.50	3.87	3.09	0.33	29.56
2020-21	0.00	0.23	0.10	0.00	2.38	3.40	7.28	2.44	2.83	1.31	0.18	0.00	20.15
2021-22	0.09	0.00	0.18	7.51	0.95	13.37	0.04	0.36	0.96	4.14	0.39	0.31	28.30 Current Year
Average	0.15	0.21	0.72	2.26	4.71	6.07	6.50	6.16	5.73	3.43	1.90	0.63	38.04
2021-22 +/-	(0.06)	(0.21)	(0.54)	5.25	(3.76)	7.30	(6.46)	(5.80)	(4.77)	0.71	(1.51)	(0.32)	(9.74)

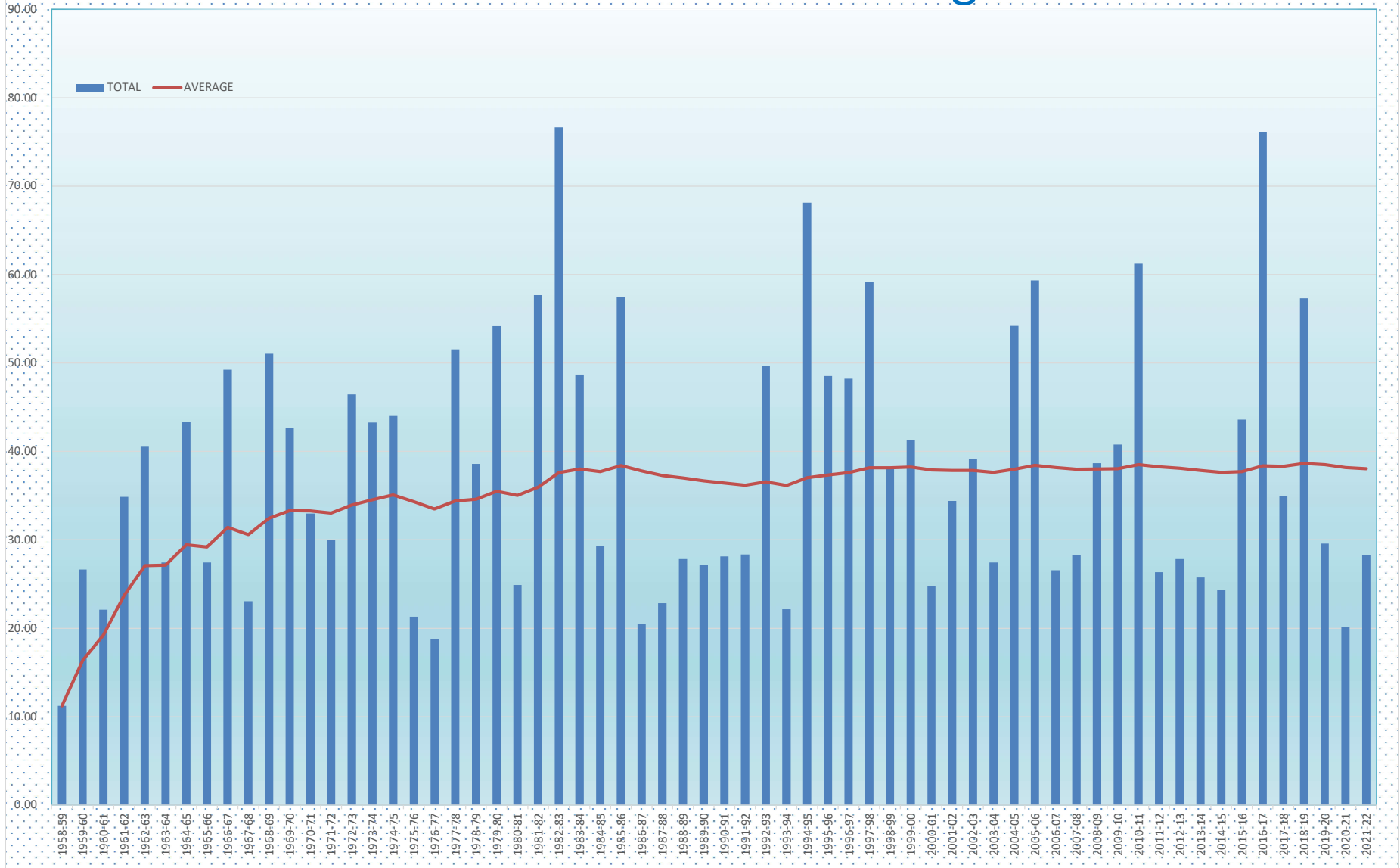
ANNUAL AVERAGE **38.04**

INCHES +/- ANNUAL AVERAGE **(9.74)**

Updated as of 6-Jul-22

PERCENT OF ANNUAL AVERAGE **74%**

Historical Rain VS Average



REGULATORY AFFAIRS BOARD REPORT

Susan Larson

July 21, 2022

FERC Compliance

- Work continues at the Day Use Recreation Site, however the project is not yet complete. Current work includes completion of the front gate and fencing, landscape, and security system. The fishing pier, gangway and railings were completed in mid-June, and the landscaping along the shoreline was installed during mid/late June. Five (5) picnic tables also arrived recently and were also installed within the last two weeks. Tri-Dam staff is installing the security system, and Tri-Dam is awaiting equipment from Data Path to complete the installation (anticipated during week of July 18, 2022. PG&E final power install is complete. Installation of the offsite water line is not complete, nor have the required County inspections been requested nor performed.
- Hells Half Acre. Field work by PAR Environmental, Tri-Dam's consultant. PAR's work at present involves the field work to implement the mitigation plan negotiated with the USFS several years ago.

Permit and Other Assignments

- Work on permits, site reviews and compliance questions for various properties at Tulloch. Respond to daily inquiries from the public, and coordination with Calaveras and Tuolumne Marine Safety Units. Permits, inspections and file documentation.
- Tulloch compliance matters, as required, using the data compiled during the shoreline audit.
- Working on pending litigation matters, as required.



Tri-Dam Project Generation & Revenue Report 2022

	Donnells				Beardsley				Tulloch				Project Total			
	Average Generation (1958-2018)	2022 Net Generation (kWh)	Avoided Generation (kWh)	2022 Energy Revenue	Average Generation (1958-2018)	2022 Net Generation (kWh)	2022 Energy Revenue	Average Generation (1958-2018)	2022 Net Generation (kWh)	2022 Energy Revenue	Average Generation (1958-2018)	2022 Net Generation (kWh)	2022 Energy Revenue	Average Generation (1958-2018)	2022 Net Generation (kWh)	2022 Energy Revenue
JAN	17,389,989	22,065,962	-	\$1,765,277	3,150,048	6,346,979	\$507,758	4,271,885	1,105,497	\$88,440	24,811,922	29,518,438	\$2,361,475	24,811,922	29,518,438	\$2,361,475
FEB	17,229,608	20,356,500	-	\$1,628,520	2,927,753	4,160,159	\$332,813	5,024,913	4,542,830	\$363,426	25,182,274	29,059,489	\$2,324,759	25,182,274	29,059,489	\$2,324,759
MAR	23,070,659	21,199,698	-	\$1,695,976	3,584,274	712,429	\$56,994	7,580,691	10,794,631	\$863,570	34,235,623	32,706,757	\$2,616,541	34,235,623	32,706,757	\$2,616,541
APR	31,686,865	25,641,336	-	\$2,051,307	4,717,464	6,239,458	\$499,157	10,811,027	9,993,391	\$799,471	47,215,356	41,874,184	\$3,349,935	47,215,356	41,874,184	\$3,349,935
MAY	41,216,149	23,096,110	-	\$1,847,689	5,799,593	3,884,238	\$310,739	12,131,040	14,298,993	\$1,143,919	59,146,782	41,279,340	\$3,302,347	59,146,782	41,279,340	\$3,302,347
JUN	42,555,036	31,020,509	-	\$2,481,641	6,336,073	6,158,180	\$492,654	12,084,818	15,417,818	\$1,233,425	60,975,928	52,596,507	\$4,207,721	60,975,928	52,596,507	\$4,207,721
JUL	36,444,466	-	-	\$0	6,629,514	-	\$0	12,609,174	-	\$0	55,683,154	-	\$0	55,683,154	-	\$0
AUG	27,568,740	-	-	\$0	6,269,748	-	\$0	11,868,293	-	\$0	45,706,781	-	\$0	45,706,781	-	\$0
SEP	20,111,167	-	-	\$0	5,223,523	-	\$0	8,577,620	-	\$0	33,912,310	-	\$0	33,912,310	-	\$0
OCT	12,743,535	-	-	\$0	3,752,220	-	\$0	4,664,124	-	\$0	21,159,879	-	\$0	21,159,879	-	\$0
NOV	12,042,987	-	-	\$0	2,794,775	-	\$0	2,487,256	-	\$0	17,325,019	-	\$0	17,325,019	-	\$0
DEC	14,354,891	-	-	\$0	3,713,920	-	\$0	3,288,702	-	\$0	21,357,513	-	\$0	21,357,513	-	\$0
Total	296,414,092	143,380,115	-	\$11,470,409	54,898,907	27,501,442	\$2,200,115	95,399,542	56,153,159	\$4,492,253	446,712,540	227,034,716	\$18,162,777	446,712,540	227,034,716	\$18,162,777

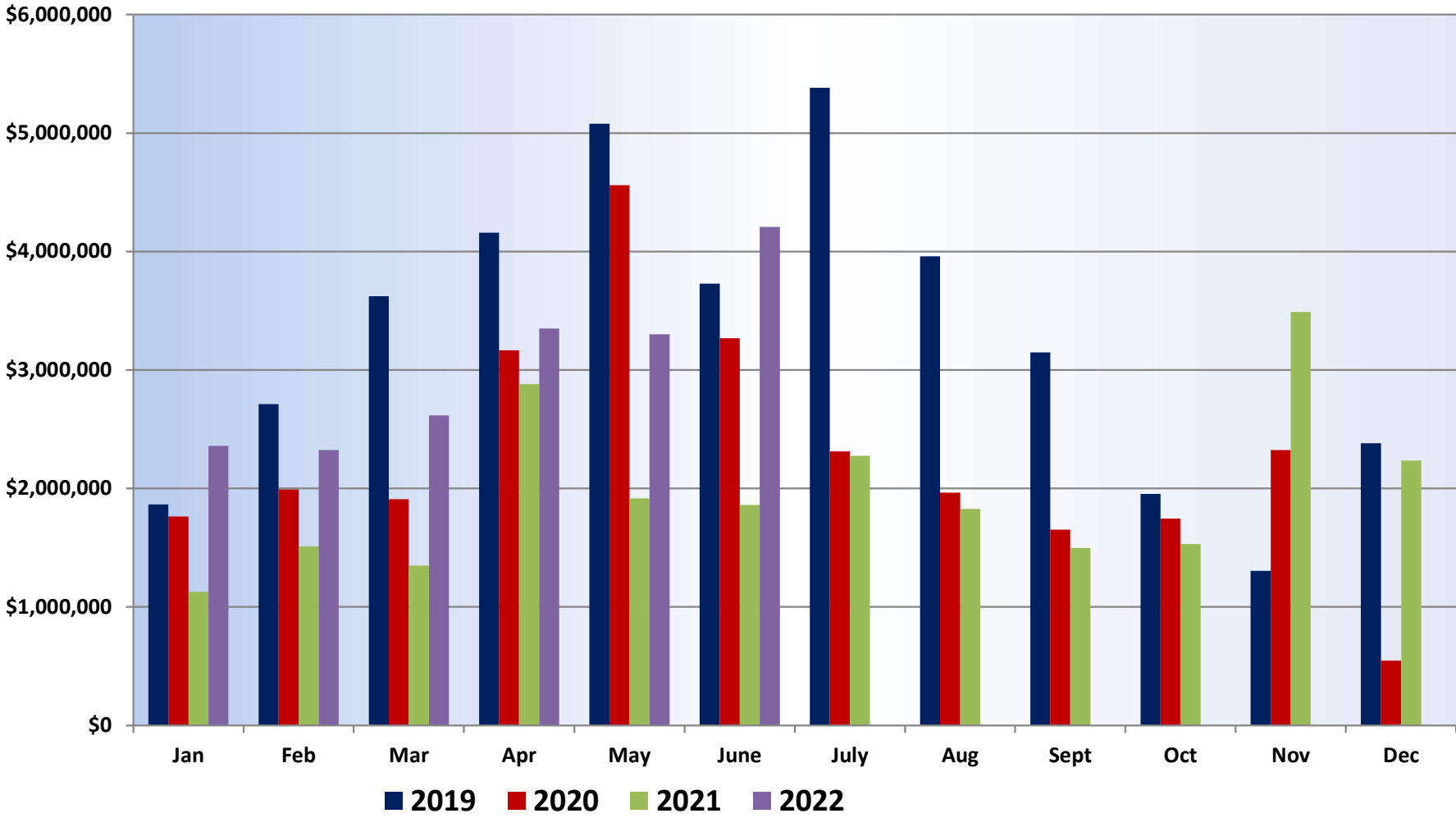
Note: Price per MWh is \$80.00

Tri-Dam Power Authority - Sand Bar

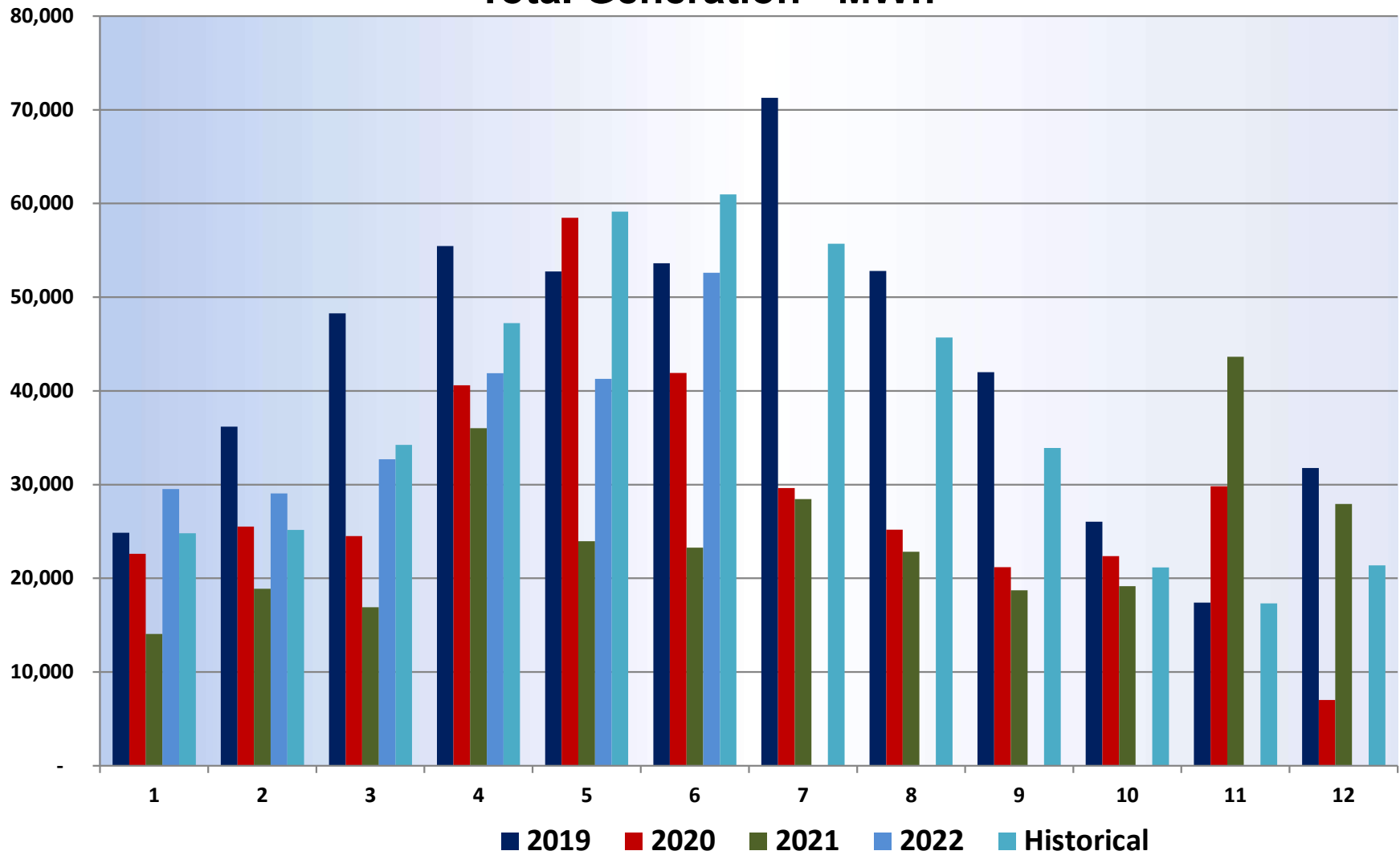
	Average Generation (1958-2018)	2022 Net Generation (kWh)	2022 Energy Revenue	PG&E Coordination Payment	Total Revenue
JAN	4,663,654	11,591,430	\$927,314	\$0	\$927,314
FEB	3,946,606	7,422,672	\$593,814	\$0	\$593,814
MAR	5,290,014	-	\$0	\$0	\$0
APR	6,873,822	7,146,240	\$571,699	\$0	\$571,699
MAY	8,065,189	7,151,326	\$572,106	\$0	\$572,106
JUN	8,750,023	8,824,220	\$705,938	\$0	\$705,938
JUL	9,133,101	-	\$0	\$0	\$0
AUG	8,560,581	-	\$0	\$0	\$0
SEP	6,928,285	-	\$0	\$0	\$0
OCT	4,898,944	-	\$0	\$0	\$0
NOV	2,947,604	-	\$0	\$0	\$0
DEC	5,554,123	-	\$0	\$0	\$0
Total	75,611,948	42,135,887	\$3,370,871	\$0	\$3,370,871

** June data does not reflect OMAR data. Once OMAR data is available, June data will be updated. The variance between Tri-Dam's data and OMAR's data is less than 1%.

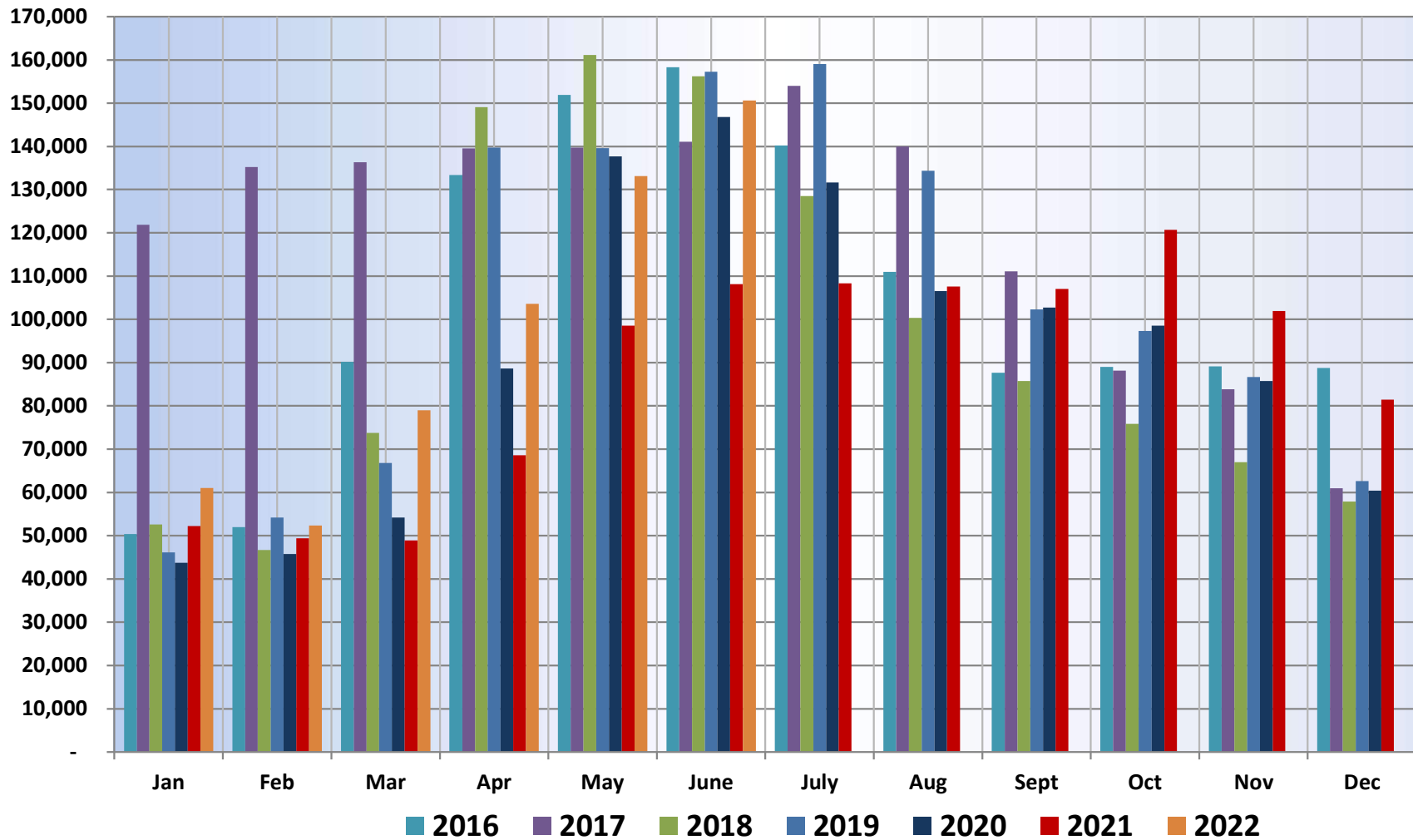
Tri-Dam Project Generation Revenue



Tri-Dam Project Total Generation - MWh



Tri-Dam Project Storage AF - Donnells & Beardsley



WESTERN PRICE SURVEY

[7] As Temperatures Moderate, Western Energy Demand Generally Cools

Temperatures moderated across much of the region, pushing demand and natural gas and power prices downward.

Milder temperatures set in across the West Coast and the Rocky Mountains, while in Southern California, "above-normal temperatures gave way to slightly below-normal temperatures," according to the U.S. Energy Information Administration.

Natural gas prices at key hubs tumbled by more than a dollar in the EIA's Wednesday-to-Wednesday report week. The price at SoCal CityGate, for example, fell \$1.53 to \$5.45/MMBtu by July 6. Natural gas consumed for electric generation in California decreased 38 percent, or 0.9 Bcf per day, according to the EIA.

Western natural gas values dropped by between 9 cents and as much as 72 cents in the abbreviated June 30 to July 7 trading period. Markets were closed July 4 in observance of Independence Day.

PG&E CityGate natural gas lost the most value, down 72 cents to \$6.54/MMBtu. This was also the highest regional price.

Values generally remained above the \$5 mark. Both Alberta and Sumas gas proved exceptions at \$4.94/MMBtu and \$3.96/MMBtu, respectively.

Southern California Gas Co. declared high operational flow order conditions each day between July 2 and July 6, according to notices posted to its ENVOY system.

El Paso Natural Gas Co.'s Line 2000 remains off line indefinitely, the company reaffirmed in its July maintenance notice.

National working natural gas in storage was 2,311 Bcf as of July 1, according to the EIA. This is a net increase of 60 Bcf compared with the previous week, 10.1 percent less than the year prior and 12.5 percent less than the five-year average of 2,633 Bcf.

Among Western daytime power prices, Palo Verde peak power posted the greatest increase, up \$8 to \$73/MWh. Among the three hubs that shed value, California-Oregon Border daytime power fell the most, dropping \$5.90 in trading. Mid-Columbia daytime power, which rose 45 cents in trading, ended at \$104/MWh, which was the highest peak price in the region.

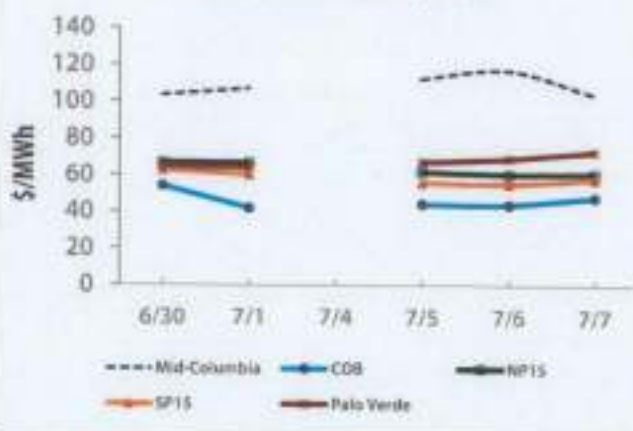
Off-peak power prices diverged by July 7. Pacific Northwest hubs rose, with Mid-C up \$8.55 to \$18.20/MWh. Both North and South of Path 15 lost the most value, down \$11.35 to \$55.45/MWh.

Demand on the California Independent System Operator grid peaked at 35,110 MW July 7; however, the week's high was forecast to occur July 8, when usage was expected to reach 36,538 MW.

Total renewables on the CAISO grid reached 20,160 MW July 2, meeting about 66 percent of demand. Solar generation reached 14,170 MW July 1, meeting roughly 40.5 percent of demand. That same day, generation from thermal sources was 13,429 MW, meeting roughly 38 percent of the day's demand. —Linda Dailey Paulson

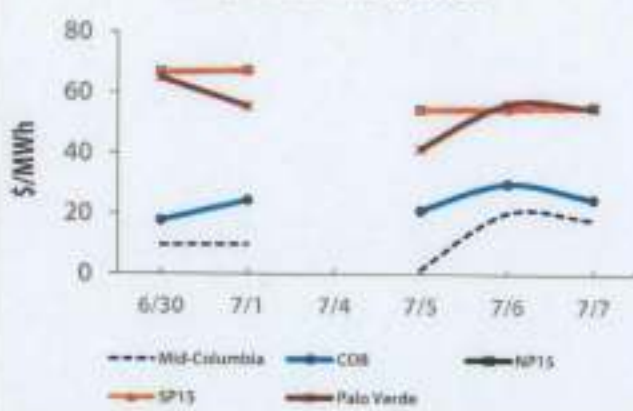
Average Peak Power Prices

Thurs., 06/30 - Thurs., 07/07



Average Off-Peak Prices

Thurs., 06/30 - Thurs., 07/07



Average Natural Gas Prices (\$/MMBtu)

	Thurs. 06/30	Tues. 07/05	Thurs. 07/07
Henry Hub	6.47	5.69	5.87
Sumas	N/A	3.75	3.96
Alberta	5.34	4.62	4.94
Malin	6.08	5.24	N/A
Opal/Kern	6.15	5.28	5.76
Stanfield	5.67	5.19	5.58
PG&E CityGate	7.26	6.37	6.54
SoCal Border	6.39	5.42	5.75
SoCal CityGate	6.40	5.47	5.90
EP-Permian	5.96	5.00	5.42
EP-San Juan	6.03	5.21	5.44

Power/gas prices courtesy Enerfax

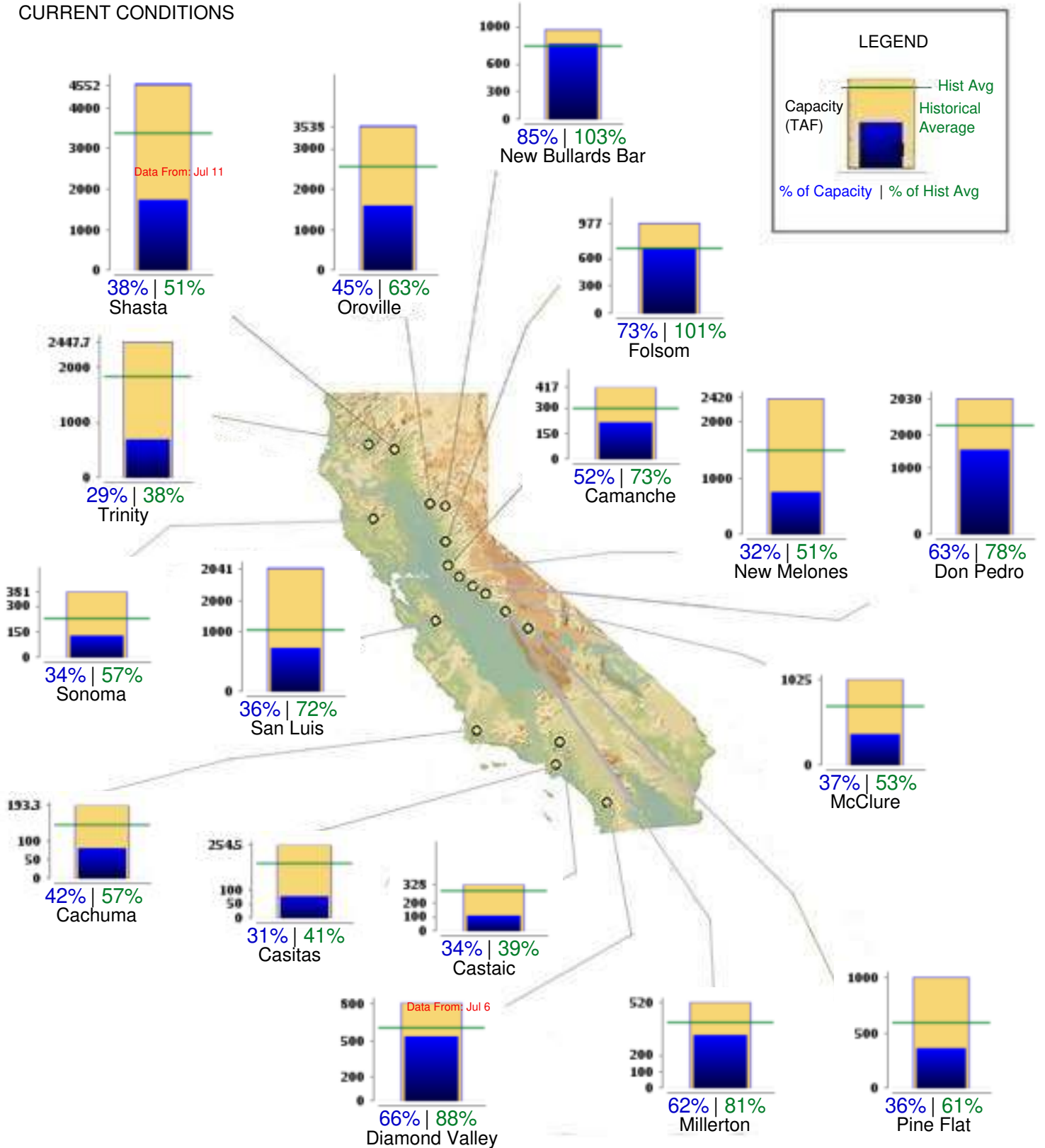


CURRENT RESERVOIR CONDITIONS

CALIFORNIA MAJOR WATER SUPPLY RESERVOIRS

Midnight - July 12, 2022

CURRENT CONDITIONS





June 21, 2022

Tri Dam Project
Jarom Zimmerman
P.O. Box 1158
Pinecrest, CA 95364

Re: May 2022 Invoices

Dear Mr. Zimmerman:

Enclosed are invoices for consulting services provided by FISHBIO during May. Services provided for each project are summarized below.

Lifecycle monitoring

Lifecycle monitoring activities during May focused on operating the Oakdale RST, data entry and QA/QC, and maintaining thermographs and water temperature data. RST monitoring concluded and the trap was removed during May. More information regarding Oakdale RST operation and other local field monitoring and research efforts is provided in the enclosed Field Report.

Publications

During May efforts continued to focus on developing manuscripts from draft chapters of the predator study synthesis report.

Non-Native Investigation/ Predator Study and Publications

The fourth sampling event concluded in early May and the fifth and final event for the 2022 season was conducted in mid-May. Available details regarding conditions and catches are provided in the enclosed Field Report.

Budget Summary

2022	<i>Life-cycle Monitoring</i>	<i>Publications</i>	<i>Consulting</i>	<i>Non-natives</i>	TOTAL
<i>Jan</i>	\$ 14,420.93	\$ -	\$ -	\$ 41,998.79	\$ 56,419.72
<i>Feb</i>	\$ 29,685.33	\$ 19,297.50	\$ -	\$ 80,925.68	\$ 129,908.51
<i>Mar</i>	\$ 21,981.66	\$ 4,302.50	\$ -	\$ 86,368.95	\$ 112,653.11
<i>Apr</i>	\$ 22,586.65	\$ 3,945.00	\$ 150.00	\$ 76,074.51	\$ 102,756.16
<i>May</i>	\$ 10,853.61	\$ 2,885.00	\$ -	\$ 61,864.22	\$ 75,602.83
TOTAL	\$ 99,528.18	\$ 30,430.00	\$ 150.00	\$ 347,232.15	\$ 477,340.33
<i>Estimated 2022</i>	\$150,000.00	\$125,000.00	\$ 25,000.00	\$ 475,000.00	\$ 775,000.00
<i>Remaining</i>	\$ 50,471.82	\$ 94,570.00	\$ 24,850.00	\$ 127,767.85	\$ 297,659.67

Sincerely,

Andrea Fuller

SJB May Field Report

Juvenile Outmigration Monitoring

The Calaveras River rotary screw trap (RST) operated 15 days during May, and 68 young-of-the-year (YOY; <100 mm) and one age 1+ (≥ 100 mm) *O. mykiss* were captured during the month, increasing the combined (YOY, Age 1+ and adult) season total to 1,207 (Figure 1A). A total of 709 fish have been implanted with Passive Integrated Transponder (PIT) tags this season. Additionally, 23 juvenile Chinook salmon were captured during May increasing the season total to 379 individuals (Figure 1B).

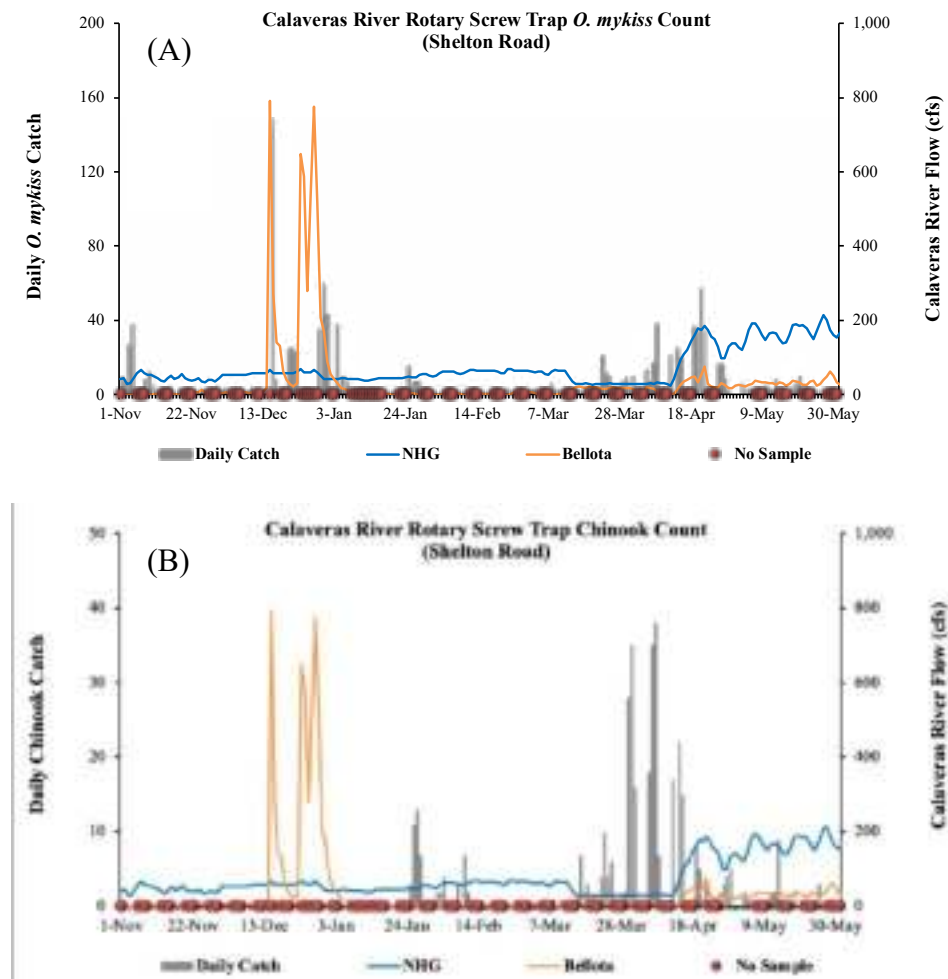


Figure 1. Daily *O. mykiss* (A) and Chinook (B) catch at the Calaveras River rotary screw trap at Shelton Road and Calaveras River flow at New Hogan Dam (NHG) and Bellota (MRS)

The Stanislaus River RST at Oakdale (RM 40) operated 17 days during May. A total of 546 juvenile Chinook salmon were captured during the month, increasing the season total to 24,130

(Figure 2A). No trap efficiency releases were conducted during May due to low trap catch and the unavailability of hatchery fish. The RST concluded sampling for the season on May 20, 2022.

The Stanislaus River RST at Caswell (RM 9) operated 26 days during May, and a total of 135 juvenile Chinook salmon were captured, increasing the season total to 982 (Figure 2B). No trap efficiency releases were conducted at Caswell during May.

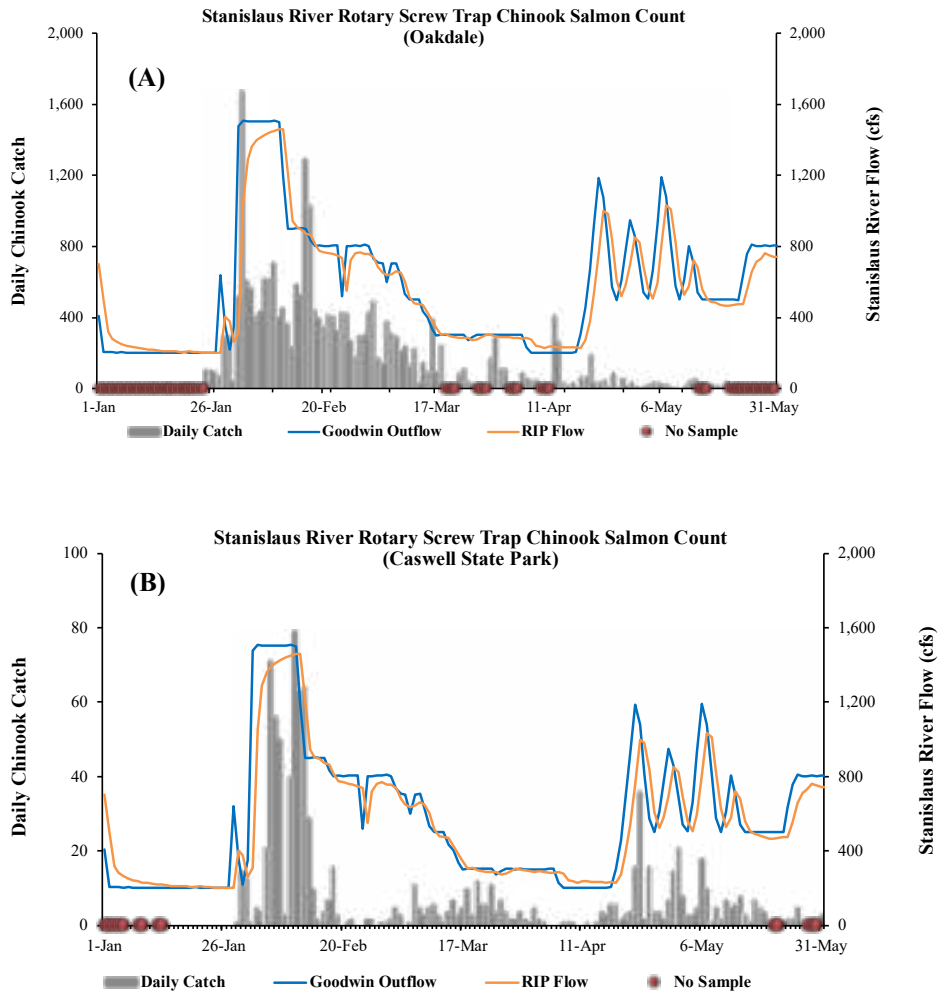


Figure 2. Daily Chinook salmon catch at the Stanislaus River rotary screw traps at Oakdale (A) and Caswell (B) and Stanislaus River flow at Goodwin Dam (GDW) and Ripon (RIP).

The Tuolumne River RST at Waterford (RM 30) operated 19 days during May. Only two juvenile Chinook salmon were captured during the month (on May 2), increasing the season total to 527 (Figure 3A). No trap efficiency releases were conducted during May due to the unavailability of hatchery fish. Water temperatures exceeded CDFW’s sampling temperature threshold (70°F) on May 19 and the trap was raised for the season.

Water hyacinth upstream of the Tuolumne River RSTs at Grayson (RM 5) early in the season combined with high water temperatures in May prevented trap operations during much of the season (i.e., only 18 days sampled). The RSTs operated only six days during May before exceeding

the sampling temperature threshold. Zero Chinook salmon were captured in May and the season total was 4 juvenile Chinook salmon (Figure 3B).

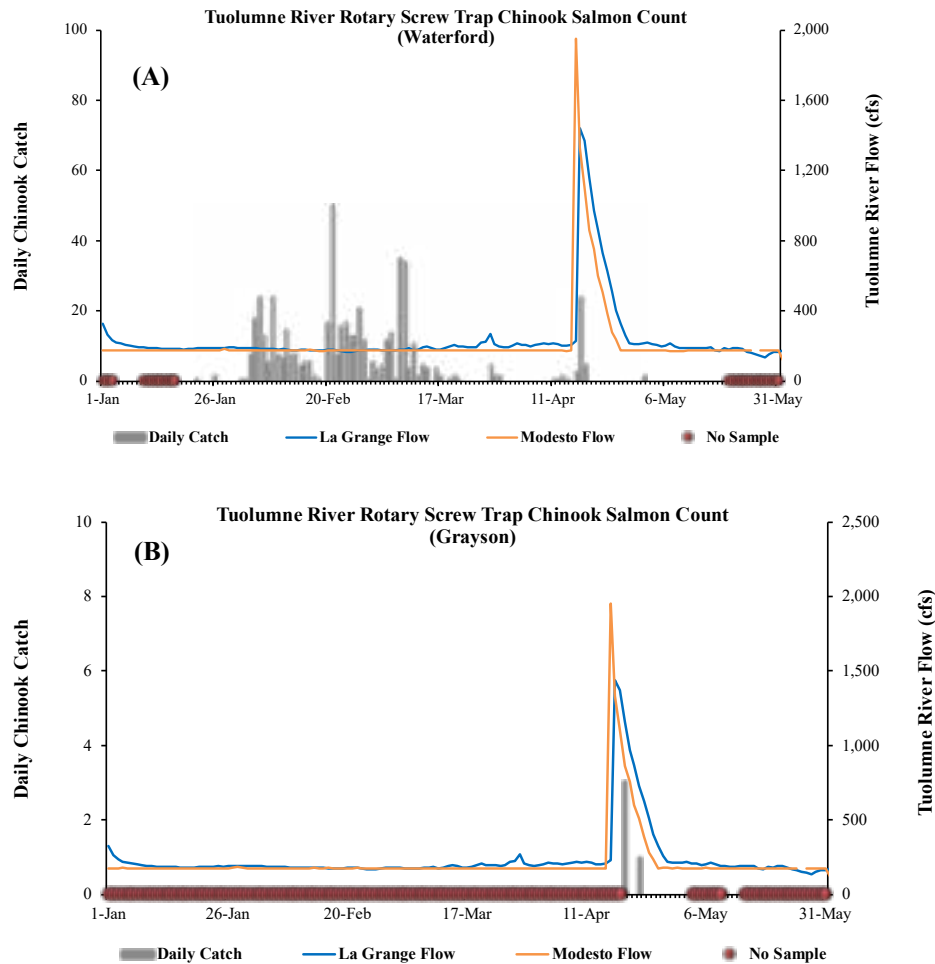


Figure 3. Daily Chinook salmon catch at the Tuolumne River rotary screw traps at Waterford (A) and Grayson (B) and Tuolumne River flow at La Grange (LGN) and Modesto (MOD).

Native Fish Plan

Review of May Electrofishing

The fourth sampling event was conducted over eight days between April 26-May 4 using two cataracts. All 39 units were sampled during the fourth sampling event (78 total site visits). Discharge levels at the Ripon USGS gauge averaged 644 cfs (range = 508 to 855 cfs) during the sampling events. A total of 928 target predatory fishes were captured. Of these, 388 were black bass (42%), 330 (36%) were native minnows (hardhead and pikeminnow), and 24 were striped bass (3%) (Table 1). The remainder of the fish comprised of sunfish (bluegill, green sunfish, and redear sunfish), black crappie, catfish (bullhead, channel and white), and prickly sculpin. A total of 551 predatory fish were marked with a Passive Integrated Transponder (PIT) tag during the fourth event. A total of 100 predatory fish were recaptured during the fourth sampling event. Diet

samples were collected from 287 individual predators over the course of the sampling event. Preliminary field observations identified several juvenile Chinook salmon in the diet samples of black bass.

The fifth and final sampling event was conducted over four days between May 16-19 using two catarafts. Only 22 units were sampled during the fifth sampling event (44 total site visits) due to water temperature thresholds below Hwy 99 Bridge. Discharge levels at the Ripon USGS gauge averaged 488 cfs (range = 472 to 504 cfs) during the sampling events. A total of 454 target predatory fishes were captured. Of these, 134 were black bass (30%), 247 (54%) were native minnows (hardhead and pikeminnow), and 3 were striped bass (<1%). The remainder of the fish comprised of sunfish (bluegill and redear sunfish), black crappie, catfish (channel and bullhead), and prickly sculpin. A total of 309 predatory fish were marked with a PIT tag during the fifth event. A total of 44 predatory fish were recaptured during the fifth sampling event. Diet samples were collected from 98 individual predators over the course of the sampling event. Preliminary field observations identified several probable juvenile Chinook salmon in the diet samples of black bass and one salmon in the diet of a striped bass.

Table 1. Target species catch summary, 2022.

Species	Event 1 Feb. 1- Feb. 10	Event 2 Mar. 1- Mar. 11	Event 3 Mar. 29- Apr. 7	Event 4 Apr. 26- May 5	Event 5* May 16- May 19	Total	%
Black bass	118	255	346	252	93	1,064	43.3%
Hardhead (N)	85	113	171	134	109	612	24.9%
Sacramento pikeminnow (N)	116	109	144	112	76	557	22.6%
Sunfish	19	46	35	19	25	144	5.9%
Striped bass	1	9	21	21	3	55	2.2%
Catfish	1	2	12	11	2	28	1.1%
Totals	340	534	729	549	308	2,460	

N=Native; *Sampling only from Oakdale to Hwy 99.

Notable field observations from 2022 sampling events include an above normal catch of native minnows (hardhead and Sacramento pikeminnow) in the reaches above Ripon during all sampling events this season. Young black bass were still very common during each sampling event and captured frequently. Striped bass were less common than previous years and comprised of approximately 2% of the overall catch in 2022 (Table 1). Chinook predation increased in early to mid-May as smolts began migrating out of the Stanislaus River. The frequency of recaptures increased and was mostly comprised of black bass.

San Joaquin River Electrofishing

Sixteen units were sampled between May 10-13 in the San Joaquin River, Grant Line Canal, and Old River regions of the South Delta. A total of five different target species were captured, comprising 207 individual fish, with 183 of those large enough (>70 cm [2.8 in.]) to be implanted with a passive integrated transponder (PIT) tag (Table 2). Black bass (largemouth, smallmouth, and spotted bass combined) ranged in size from 2.9 – 22.2 in. total length (TL), striped bass ranged in size from 4.1 – 37.6 in. (Figure 4), and catfish ranged in size from 9.1 – 11.5 in. Gastric lavage was performed on 137 individuals greater than 15.0 cm (5.9 in.) and in good condition. Of those, 89 produced diet samples which were preserved in ethanol and brought back to the laboratory for analysis.

Sixteen fishes that had previously been PIT tagged were recaptured in May, two of those being rainbow trout released by NOAA biologists a few months prior and the remainder being target species tagged during this study. Water temperatures reached our permitted limit of 18.0°C (64.4°F) throughout the sampling area in May, so we were unable to complete all 20 sampling units as planned.

Table 2. Summary of total target species and samples collected in 2022 by monthly sampling event.

Event	Black Bass Captured	Striped Bass Captured	Catfishes Captured	No. of Fishes Tagged	No. of Diets Collected	No. of Fishes Recaptured	Mean Temp. (°F)	No. of Units Sampled
Jan.	122	5	3	107	50	7	52.2	14
Feb.	161	7	3	138	75	11	54.5	20
Mar.	197	41	8	208	129	15	60.6	20
Apr.	131	8	6	140	68	5	63.0	15
May	181	19	7	197	89	14	62.8	16

Carp followed by redear sunfish were the most frequently captured non-target species during May.

San Joaquin River Predator Population Study

Fyke traps were sampled for a total of 12 days at four locations (Blewett [RM 76], Sturgeon Bend [RM 74], Alegre [RM 65], and Lorenzen [RM 61]) during the month of May. Sampling concluded for the season on May 19 when the seven-day average daily maximum (7-DADM) water temperature exceeded 21°C.

A total of 104 fish representing six target species were captured in the fykes during May, increasing the season total to 351 fish (Figure 4). Channel catfish were the most abundant species captured in May followed by black bass and striped bass. A total of 18 striped bass were captured between the four trapping sites during the month, increasing the season total (all traps) to 114 striped bass (Table 3). All (except one) striped bass caught so far this season were implanted with PIT tags and marked with a pink external tag (round disc).

Table 3. Total catch of each target species captured by trapping location.

Site	channel catfish	largemouth bass	smallmouth bass	spotted bass	striped bass	white catfish
Blewett (RM 76)	124	9	0	9	46	5
Sturgeon Bend (RM 74)	21	1	1	7	11	3
Alegre (RM 65)	7	0	0	4	31	2
Lorenzen (RM 61)	9	6	0	24	26	5
Grand Total	161	16	1	44	114	15



Figure 4. Large striped bass captured during electrofishing (at left) and target species captured in the FISHBIO fyke traps (at right).

A reward has been offered for each tagged fish recaptured by anglers with the intention of collecting location data on the recaptures. Since the inception of the program, 80 anglers have reported fish captured with reward tags attached. Additionally, 27 other individuals have been resighted in other sampling programs (federal, state and private) and 33 have been recaptured in the fyke traps. It should be noted that throughout the season there were several black bass that were recaptured in the fyke traps multiple times.



July 5, 2022

Tri Dam Project
Peter Reitkerk
Scot Moody
P.O. Box 1158
Pinecrest, CA 95364

Re: June 2022 Invoices

Dear Mr. Reitkerk and Mr. Moody:

Enclosed are invoices for consulting services provided by FISHBIO during June. Services provided for each project are summarized below.

Lifecycle monitoring

Lifecycle monitoring activities during June consisted of end of season data management and downloading thermographs. While no lifecycle monitoring was conducted in the Stanislaus River during June, the enclosed San Joaquin Basin field report contains information regarding activities conducted elsewhere in the Basin.

Publications

During June efforts continued to focus on developing manuscripts from draft chapters of the predator study synthesis report.

Non-Native Investigation/ Predator Study and Publications

Analysis of predator catch data continued during June. Diet samples collected from target predator species have been analyzed in the FISHBIO lab, and a sub-sample will be sent out to Humboldt State University for genetic analysis to confirm identity of fish species found in the samples.



Budget Summary

2022	<i>Life-cycle Monitoring</i>	<i>Publications</i>	<i>Consulting</i>	<i>Non-natives</i>	TOTAL
<i>Jan</i>	\$ 14,420.93	\$ -	\$ -	\$ 41,998.79	\$ 56,419.72
<i>Feb</i>	\$ 29,685.33	\$ 19,297.50	\$ -	\$ 80,925.68	\$ 129,908.51
<i>Mar</i>	\$ 21,981.66	\$ 4,302.50	\$ -	\$ 86,368.95	\$ 112,653.11
<i>Apr</i>	\$ 22,586.65	\$ 3,945.00	\$ 150.00	\$ 76,074.51	\$ 102,756.16
<i>May</i>	\$ 10,853.61	\$ 2,885.00	\$ -	\$ 61,864.22	\$ 75,602.83
<i>Jun</i>	\$ 4,303.43	\$ 9,870.00	\$ -	\$ 38,622.22	\$ 52,795.65
TOTAL	\$103,831.61	\$ 40,300.00	\$ 150.00	\$ 385,854.37	\$ 530,135.98
<i>Estimated 2022</i>	\$150,000.00	\$125,000.00	\$ 25,000.00	\$ 475,000.00	\$ 775,000.00
<i>Remaining</i>	\$ 46,168.39	\$ 84,700.00	\$ 24,850.00	\$ 89,145.63	\$ 244,864.02

Sincerely,

Andrea Fuller

SJB June Field Report

Juvenile Outmigration Monitoring

The Calaveras River RST operated 18 days in June, and 14 young-of-the-year (YOY; <100 mm) and 14 age 1+ (≥ 100 -299 mm) *O. mykiss* were captured during the month, increasing the combined (YOY, Age 1+ and adult) season total to 1,235 (Figure 1A). A total of 710 fish have been implanted with Passive Integrated Transponder (PIT) tags this season. Additionally, one juvenile Chinook salmon was captured during the month increasing the season total to 380 fish (Figure 1B).

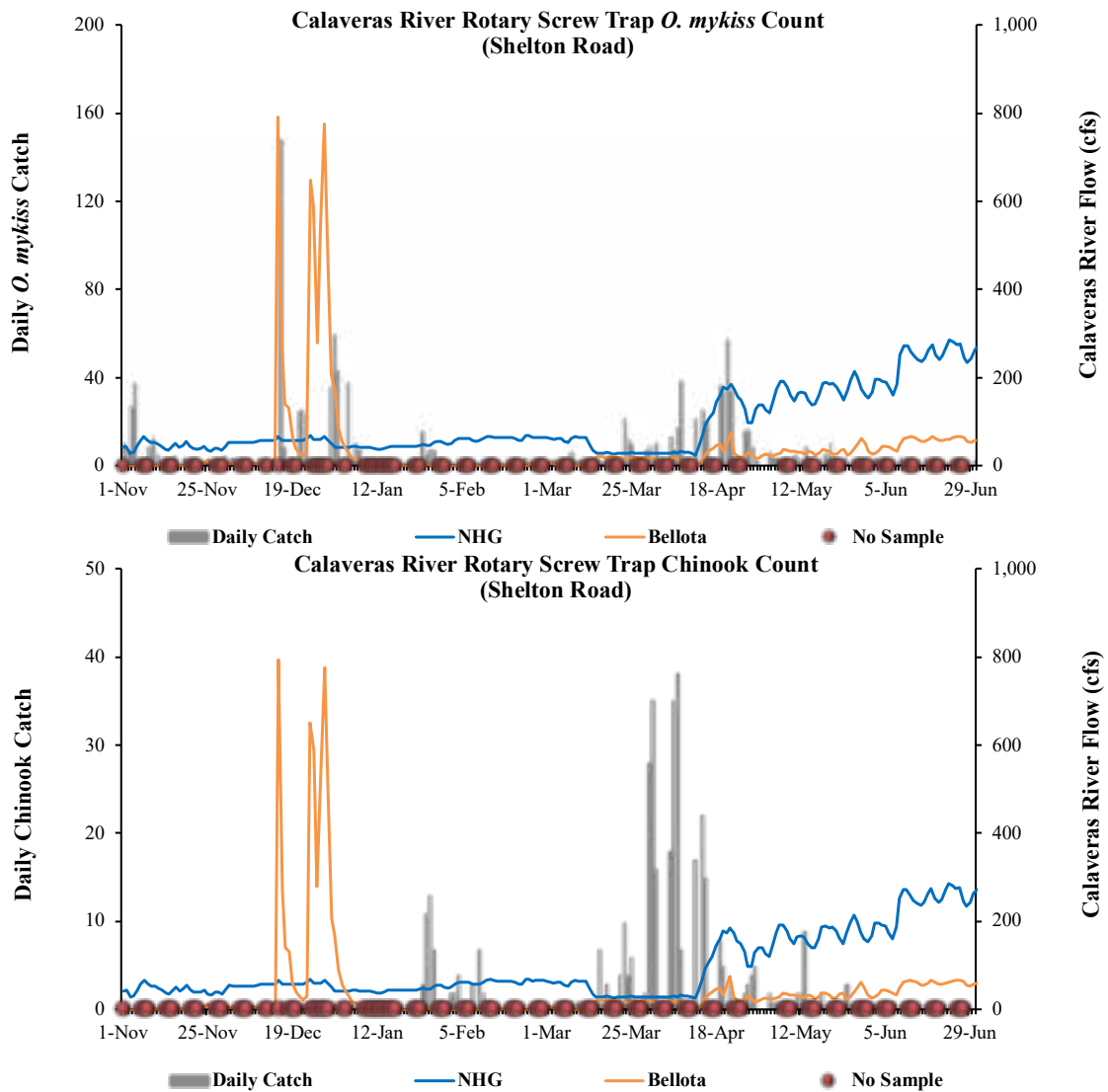


Figure 1. Daily (A) *O. mykiss* and (B) Chinook salmon catch at the Calaveras River rotary screw trap at Shelton Road and Calaveras River flow at New Hogan Dam (NHG) and Bellota (MRS).

San Joaquin River Predator Study

Electrofishing resumed for two days in June. Ten units were sampled on June 15 and 16 in the San Joaquin River, Grant Line Canal, and Old River regions of the South Delta. Only fixed units (those repeated every month) were selected for this sampling event to allow for assessment of seasonal changes in the fish community. In addition, PIT tagging more fish in these units will increase the likelihood of recapturing individuals in the future which would contribute to improved relative abundance estimates. No stomach samples were collected this month due to the low likelihood of recovering salmonids outside of the juvenile migration season.



Figure 2. A white catfish that was captured and PIT tagged during electrofishing.

A total of 141 individuals representing five different target species were captured in June. Of these, 133 were large enough (>2.8 in.) to be implanted with a PIT tag. These abundant target species totals from a limited number of sites led to the highest relative catch rates of the year, which was expected given the increase in bass activity with warmer water temperatures. Black bass (*Micropterus* species; largemouth, smallmouth, and spotted bass) ranged in size from 2.0-22.2 in. total length (TL), striped bass ranged in size from 10.8-13.2 in., and catfish ranged in size from 7.8-22.7 in. (Figure 2). Four largemouth bass that had previously been PIT tagged during this study were recaptured during this sampling event, which will further help refine our abundance estimates.

Two PIT tagged striped bass were recaptured by anglers in the south Delta during the month, increasing the total number of recaptures by anglers in 2022 to 15 (10 striped bass, 4 catfish and 1 black bass). A total of 96 tagged fish have been recaptured by anglers since the project began in 2019, and an additional 50 tagged fish were resighted/recaptured by either the project's fyke traps or other studies/programs.

TRI-DAM

POWER

AUTHORITY

REGULAR BOARD MEETING
AGENDA
TRI-DAM POWER AUTHORITY
of THE OAKDALE IRRIGATION DISTRICT and
THE SOUTH SAN JOAQUIN IRRIGATION DISTRICT
JULY 21, 2022

Start time is immediately following the Tri-Dam Project
meeting which begins at 9:00 AM

Oakdale Irrigation District
1205 East F Street
Oakdale, CA 95361

*** SEE BELOW FOR INSTRUCTIONS REGARDING PUBLIC COMMENT AND
PARTICIPATION**

NOTICE: Coronavirus (COVID-19)

A COMPLETE COPY OF THE AGENDA PACKET WILL BE AVAILABLE ON THE OAKDALE IRRIGATION DISTRICT WEB SITE (www.oakdaleirrigation.com) ON MONDAY, JULY 18, 2022 AT 9:00 A.M. ALL WRITINGS THAT ARE PUBLIC RECORDS AND RELATE TO AN AGENDA ITEM WHICH ARE DISTRIBUTED TO A MAJORITY OF THE BOARD OF DIRECTORS LESS THAN 72 HOURS PRIOR TO THE MEETING NOTICED ABOVE WILL BE MADE AVAILABLE ON THE OAKDALE IRRIGATION DISTRICT WEB SITE (www.oakdaleirrigation.com).

**INFORMATION FOR MEETING DURING SHELTER IN PLACE ORDER
(Effective 3/27/2020 – until further notice):**

Pursuant to California Governor Gavin Newsom’s Executive Order N-29-20, a local legislative body is authorized to hold public meetings via teleconferencing and to make public meetings accessible telephonically or otherwise electronically to all members of the public who wish to participate and to provide public comment to the local legislative body during the current health emergency. The Tri-Dam Project and Tri-Dam Power Authority Board of Directors (Tri-Dam Directors) will adhere to and implement the provisions of the Governor’s Executive Order related to the Brown Act and the utilization of technology to facilitate participation.

*The location of the Tri-Dam meeting will be at the office of the Oakdale Irrigation District, 1205 East F Street, Oakdale and will be open to the public based on a reservation system. Be advised these facilities only have 3 – 4 seats available for public access due to implemented protection measures for the COVID-19 virus.

****Public members who wish to participate, listen to, and provide comment on agenda items can do so by telephone by calling 1 (669) 900-9128, Access Code: 358-572-1867 #. All speakers commenting on Agenda Items are limited to five (5) minutes.**

Members of the public may also submit public comments in advance by e-mailing nfiez@oakdaleirrigation.com by 4:30 p.m., Wednesday, July 20, 2022.

In addition to the mandatory conditions set forth above, the Tri-Dam Directors will use sound discretion and make reasonable efforts to adhere as closely as reasonably possible to the provisions of the Brown Act, and other applicable local laws regulating the conduct of public meetings.

In compliance with the Americans with Disabilities Act, a person requiring an accommodation, auxiliary aid, or service to participate in this meeting should contact the Executive Assistant at (209) 840-5504, as far in advance as possible but no later than 24 hours before the scheduled event. Best efforts will be made to fulfill the request.

CALL TO ORDER

ROLL CALL: John Holbrook, Bob Holmes, Dave Kamper, Glenn Spyksma, Mike Weststeyn
Brad DeBoer, Herman Doornenbal, Tom Orvis, Linda Santos, Ed Tobias

PUBLIC COMMENT

CONSENT CALENDAR

ITEM 1

Matters listed under the consent calendar are considered routine and will be acted upon under one motion. There will be no discussion of these items unless a request is made to the Board President by a Director or member of the public. Those items will be considered at the end of the consent items.

1. Approve the regular board meeting minutes of June 16, 2022.

ACTION CALENDAR

ITEMS 2 - 3

2. Discuss and consider adoption of Resolution TDPA 2022-09 to implement teleconferencing requirements during a proclaimed state of emergency.
3. Discussion and possible action to change the date of the August 2022 Board Meeting.

ADJOURNMENT

ITEMS 4 - 5

4. Commissioner Comments.
5. Adjourn to the next regularly scheduled meeting at Tri-Dam headquarters, 31885 Old Strawberry Road, Strawberry, CA 95375.

BOARD AGENDA REPORT

Date: 7/21/2022
Staff: Pam Potter

SUBJECT: Tri-Dam Power Authority June 2022 Minutes

RECOMMENDED ACTION: Review and possible approval of June 16, 2022 Minutes

BACKGROUND AND/OR HISTORY:

Draft minutes attached.

FISCAL IMPACT: None

ATTACHMENTS: Draft minutes attached.

Board Motion:

Motion by: _____ **Second by:** _____

VOTE:

OID: DeBoer (Yes/No) Doornenbal (Yes/No) Orvis (Yes/No) Santos (Yes/No) Tobias (Yes/No)

SSJID: Holbrook (Yes/No) Holmes (Yes/No) Kamper (Yes/No) Spyksma (Yes/No) Weststeyn (Yes/No)

TRI-DAM POWER AUTHORITY MINUTES OF REGULAR MEETING

June 16, 2022
Manteca, California

The Commissioners of the Tri-Dam Power Authority met at the offices of the South San Joaquin Irrigation District in Manteca, on the above date for conducting business of the Tri-Dam Power Authority, pursuant to the resolution adopted on October 14, 1984.

Vice President Spyksma called the meeting to order at 9:45 a.m.

COMMISSIONERS PRESENT:

OID COMMISSIONERS

ED TOBIAS
LINDA SANTOS
TOM ORVIS
BRAD DeBOER

SSJID COMMISSIONERS

BOB HOLMES
GLENN SPYKSMA
DAVE KAMPER
MIKE WESTSTEYN
JOHN HOLBROOK

COMMISSIONERS ABSENT:

HERMAN DOORNENBAL

ALSO PRESENT:

Jarom Zimmerman, General Manager, Tri-Dam Project; Brian Jaruszewski, Admin. & Finance Manager, Tri-Dam Project; Chris Tuggle, Ops & Maintenance Supervisor; Genna Modrell, Admin. & Finance Asst., Tri-Dam Project; Peter Rietkerk, General Manager, SSJID; Sharon Cisneros, Chief Financial Officer, OID; Tim Wasiewski, Counsel; Tim O'Laughlin, Counsel

PUBLIC COMMENT

None.

CONSENT CALENDAR

ITEM #1 Approve the regular board meeting minutes of May 19, 2022.

Commissioner Santos moved to approve the consent calendar. Commissioner Weststeyn seconded the motion.

The motion passed by the following roll call vote:

AYES: DeBoer, Orvis, Santos, Tobias, Holbrook, Holmes, Kamper, Spyksma, Weststeyn

NOES: None

ABSTAINING: None

ABSENT: Doornenbal

ITEM #2 Approve the May financial statements and statement of obligations.

Commissioner Holmes moved to approve the consent calendar. Commissioner Santos seconded the motion.

The motion passed by the following roll call vote:

AYES: DeBoer, Orvis, Santos, Tobias, Holbrook, Holmes, Kamper, Spyksma, Weststeyn

NOES: None

ABSTAINING: None

ABSENT: Doornenbal

ACTION CALENDAR

ITEM #3 Discuss and consider adoption of Resolution TDPA 2022-08 to implement teleconferencing requirements during a proclaimed state of emergency.

Commissioner DeBoer moved to approve Resolution TDPA 2022-08 as presented. Commissioner Holbrook seconded the motion.

The motion passed by the following roll call vote:

AYES: DeBoer, Orvis, Tobias, Holbrook, Holmes, Kamper, Spyksma

NOES: Santos, Weststeyn

ABSTAINING: None

ABSENT: Doornenbal

TRI-DAM POWER AUTHORITY
RESOLUTION No. TDPA 2022-08
RESOLUTION TO IMPLEMENT TELECONFERENCING REQUIREMENTS
DURING A PROCLAIMED STATE OF EMERGENCY

WHEREAS, the Ralph M. Brown Act requires that all meetings of a legislative body of a local agency be open and public and that any person may attend and participate in such meetings;

WHEREAS, the Brown Act allows for legislative bodies to hold meetings by teleconference, but imposes specific requirements for doing so;

WHEREAS, on March 17, 2020, in order to address the need for public meetings during the present public health emergency, Governor Newsom issued Executive Order No. N-29-20, suspending the Act's teleconferencing requirements; and

WHEREAS, on June 11, 2021, Governor Newsom issued Executive Order No. N-8-21, continuing the suspension of the Brown Act's teleconferencing requirements through September 30, 2021; and

WHEREAS, these Executive Orders allowed legislative bodies to meet virtually as long as certain notice and accessibility requirements were met; and

WHEREAS, the State Legislature amended the Brown Act through Assembly Bill No. 361 (AB 361) on September 16, 2021; and

WHEREAS, AB 361 amended the Brown Act so that a local agency may use teleconferencing without complying with the regular teleconferencing requirements of the Act, where the legislative body holds a meeting during a proclaimed state of emergency and makes certain findings; and

WHEREAS, Government Code section 54953 requires that the legislative body make additional findings every 30 days in order to continue such teleconferencing.

NOW THEREFORE, the Board of Commissioners of the Tri-Dam Power Authority hereby finds, determines, declares, orders, and resolves as follows:

1. That the foregoing recitals are true and correct and incorporates them by this reference.
2. The Board of Commissioners (“Board”) of the Tri-Dam Power Authority (“TDPA”) finds, by a majority vote, the following:
 - a. That there exists a proclaimed state of emergency; and
 - b. State or local officials have imposed or recommended measures to promote social distancing.
3. TDPA staff is authorized to take all steps and perform all actions necessary to execute and implement this Resolution in compliance with Government Code section 54953.
4. That this Resolution shall take effect immediately and shall remain in effect for thirty (30) days thereafter, provided the conditions set forth in Section 2 remain.

ITEM #4 Commissioners Comments

Director Tobias stated adopting this resolution every month is a waste of time. Director’s DeBoer, Spyksma, Santos and Holbrook thanked Jarom for doing a great job, putting your family first and wished him the best. Director Weststeyn pointed out on the rain average report for the last eight and sixteen years indicates above average rainfall.

ADJOURNMENT

Vice President Spyksma adjourned the meeting at 9:53 a.m.

The next Board of Commissioners meeting will be July 21, 2022 at the offices of the Oakdale Irrigation District, Oakdale, California immediately following the Tri-Dam Project meeting, which commences at 9:00 a.m.

ATTEST:

Peter M. Rietkerk
Interim Secretary
Tri-Dam Power Authority

BOARD AGENDA REPORT

Date: 7/21/2022

Staff: Mia Brown

SUBJECT: Resolution TDPA 2022-09 to Implement Teleconferencing Requirements during a Proclaimed State of Emergency

RECOMMENDED ACTION: Approve Resolution TDPA 2022-09 proclaiming a local emergency, which authorizes remote teleconference meetings.

BACKGROUND AND/OR HISTORY:

On September 17, 2021 Assembly Bill 361 (AB 361) was signed and took effect on October 1, 2021. AB 361 replaced some provisions of Executive Order N-29-20, which allows local legislative bodies to hold remote teleconference meetings. The resolution will allow the Authority a thirty (30) day period to continue remote meetings, or until conditions improve or the Executive Order is cancelled. A subsequent resolution will need to be passed every thirty days to continue the remote meetings.

FISCAL IMPACT: None

ATTACHMENTS: Resolution TDPA 2022-09

Board Motion:

Motion by: _____ **Second by:** _____

VOTE:

OID: DeBoer (Yes/No) Doornenbal (Yes/No) Orvis (Yes/No) Santos (Yes/No) Tobias (Yes/No)

SSJID: Holbrook (Yes/No) Holmes (Yes/No) Kamper (Yes/No) Spyksma (Yes/No) Weststeyn (Yes/No)

**TRI-DAM POWER AUTHORITY
RESOLUTION No. TDPA 2022-09
RESOLUTION TO IMPLEMENT TELECONFERENCING REQUIREMENTS
DURING A PROCLAIMED STATE OF EMERGENCY**

WHEREAS, the Ralph M. Brown Act requires that all meetings of a legislative body of a local agency be open and public and that any person may attend and participate in such meetings;

WHEREAS, the Brown Act allows for legislative bodies to hold meetings by teleconference, but imposes specific requirements for doing so;

WHEREAS, on March 17, 2020, in order to address the need for public meetings during the present public health emergency, Governor Newsom issued Executive Order No. N-29-20, suspending the Act's teleconferencing requirements; and

WHEREAS, on June 11, 2021, Governor Newsom issued Executive Order No. N-8-21, continuing the suspension of the Brown Act's teleconferencing requirements through September 30, 2021; and

WHEREAS, these Executive Orders allowed legislative bodies to meet virtually as long as certain notice and accessibility requirements were met; and

WHEREAS, the State Legislature amended the Brown Act through Assembly Bill No. 361 (AB 361) on September 16, 2021; and

WHEREAS, AB 361 amended the Brown Act so that a local agency may use teleconferencing without complying with the regular teleconferencing requirements of the Act, where the legislative body holds a meeting during a proclaimed state of emergency and makes certain findings; and

WHEREAS, Government Code section 54953 requires that the legislative body make additional findings every 30 days in order to continue such teleconferencing.

NOW THEREFORE, the Board of Commissioners of the Tri-Dam Power Authority hereby finds, determines, declares, orders, and resolves as follows:

1. That the foregoing recitals are true and correct and incorporates them by this reference.
2. The Board of Commissioners ("Board") of the Tri-Dam Power Authority ("TDPA") finds, by a majority vote, the following:
 - a. That there exists a proclaimed state of emergency; and
 - b. State or local officials have imposed or recommended measures to promote social distancing.

3. TDPA staff is authorized to take all steps and perform all actions necessary to execute and implement this Resolution in compliance with Government Code section 54953.
4. That this Resolution shall take effect immediately and shall remain in effect for thirty (30) days thereafter, provided the conditions set forth in Section 2 remain.

PASSED AND ADOPTED by the Board of Commissioners of the Tri-Dam Power Authority this 21st day of July, 2022, by the following vote:

OAKDALE IRRIGATION DISTRICT

AYES:
NOES:
ABSENT:

SOUTH SAN JOAQUIN IRRIGATION DISTRICT

AYES:
NOES:
ABSENT:

TRI-DAM POWER AUTHORITY

Herman Doornenbal, President

Jarom Zimmerman, Secretary

BOARD AGENDA REPORT

Date: 7/21/2022
Staff: Pam Potter

SUBJECT: August 2022 Board Meeting Date

RECOMMENDED ACTION: Discuss and possible action to change the date of the August 2022 Board Meeting

BACKGROUND AND/OR HISTORY

FISCAL IMPACT: None

ATTACHMENTS:

Board Motion:

Motion by: _____ **Second by:** _____

VOTE:

OID: DeBoer (Yes/No) Doornenbal (Yes/No) Orvis (Yes/No) Santos (Yes/No) Tobias (Yes/No)

SSJID: Holbrook (Yes/No) Holmes (Yes/No) Kamper (Yes/No) Spyksma (Yes/No) Weststeyn (Yes/No)