

**AGENDA
REGULAR MEETING OF THE
BOARD OF DIRECTORS OF THE
OAKDALE IRRIGATION DISTRICT
TUESDAY, MARCH 20, 2018**

Agendas and Minutes are on our website at www.oakdaleirrigation.com

CALL TO ORDER 9:00 A.m., the Boardroom of the District Office
1205 East F Street, Oakdale, California 95361

PLEDGE OF ALLEGIANCE

ROLL CALL Directors Orvis, Altieri, Doornenbal, Santos, DeBoer

ADDITIONS OR DELETION OF AGENDA ITEMS

ACTION TO TAKE VARIOUS ITEMS OUT OF SEQUENCE

PUBLIC COMMENTS – ITEM 1

1. The Board of Directors welcomes participation in meetings. This time is provided for the public to address the Directors of the District on matters of concern that fall within the jurisdiction of the Board that are not on the agenda.

Speakers are encouraged to consult District Management or Directors prior to agenda preparation regarding any District operation or responsibility as no action will be taken on non-agenda issues. It is not required, but speakers may provide their name and address.

Because these are non-agenda matters, generally no discussion or comment by the Board should be expected except to properly refer the matter for review or action as appropriate.

Public Comments will be limited to five minutes per speaker.

CONSENT CALENDAR - ITEMS 2 - 8

Agenda items listed under the Consent Calendar may be acted upon individually, in whole or in part. Subsequently, should discussion on a particular item be desired, you should identify the item now so as to remove it from the list of items to be approved under one motion. Any items removed from the list on Consent Calendar items will be discussed and acted upon individually following action on the remaining Consent Calendar items if so moved.

2. Approve the **Board of Directors' Minutes of the Regular Meeting of March 6, 2018 and Resolution No. 2018-14**
3. Approve **Oakdale Irrigation District Statement of Obligations**
4. Approve **Improvement District Statement of Obligations**
5. Approve **Donation Request of Stanislaus 4-H Exchange**
6. Approve **Donation Request of Oakdale Soccer Club**
7. Approve **Donation Request of Stanislaus County Fair**
8. Approve **Deferred Conditions of Approval Agreement (APNS: 006-013-028/029 – Donald W. Ozenbaugh, Jr. and Kathryn S. Ozenbaugh) and Request to Connect a Substandard Parcel (APN: 006-013-029 – Donald W. Ozenbaugh, Jr. and Kathryn S. Ozenbaugh)**

DISCUSSION – ITEM 9

9. Discussion on **Current and Projected Hydrology with Review of Anticipated District Water Demand for 2018**

ACTION CALENDAR – ITEMS 10 - 17

10. Review and take possible action to **Adopt Resolution Declaring Surplus Water**
11. Review and take possible action on **Providing Out-of-District Water to Local Agricultural Water Users in 2018**
12. Review and take possible action to **Adopt a Resolution Approving the Agreement Establishing Terms and Conditions for Irrigation of Lands Outside Oakdale Irrigation District Boundaries for the Water Year 2018 and Authorize the General Manager to Execute the Agreements**
13. Review and take possible action to **Adopt Resolution Finding the 2018 Spring Pulse Flow Release Categorically Exempt Under the California Environmental Quality Act**
14. Review and take possible action to **Adopt Resolution Approving Agreement for Release of Water and Authorizing the General Manager to Execute Agreement for Release of Water by and Among the Oakdale Irrigation District, the South San Joaquin Irrigation District, the San Luis & Delta-Mendota Water Authority, and the California Department of Water Resources**

15. Review and take possible action on the **Request to Waive the \$100 Deposit and \$6 Late Charge Placed on Rural Water Account (APN: 010-074-020 – Silva)**
16. Review and take possible action to **Approve the Virtualization Project Additional Cost for Oracle Licensing and Testing**
17. Review and take possible action on **Sponsorship Request of Stanislaus County Farm Bureau for its Annual Meeting on April 19, 2018**

DISCUSSION – ITEM 18

18. Discussion on **Scope of Work for Stanislaus River Basin Planning Study**

COMMUNICATIONS – ITEM 19

19. Oral Reports and Comments

- A. **General Manager’s Report on Status of OID Activities**
- B. **Water Counsel’s Report on Status of Water Activities**
- C. **Committee Reports**

Planning & Public Relations Committee, March 12, 2018

- Donation Request of Stanislaus 4-H Exchange
- Donation Request of Oakdale Soccer Club
- Donation Request of AgriCorps, Inc.
- Sponsorship Request of Stanislaus County Fair
- Sponsorship Request of Stanislaus County Farm Bureau

- D. **Directors’ Comments/Suggestions**

CLOSED SESSION - ITEM 20

20. Closed Session to discuss the following:

- A. **Government Code §54956.9(d)(2) - Significant Exposure to Litigation**
One (1) Case
- B. **Government Code §54957.6 - Conference with Labor Negotiator**
Agency Negotiator: Director Gail Altieri, Director Brad DeBoer
Unrepresented Employee: General Manager

OTHER ACTION – ITEM 21

21. Adjournment:

- A. The next Regular Board Meeting of the **Oakdale Irrigation District Board of Directors** is scheduled for **Tuesday, April 3, 2018 at 9:00 a.m.** in the board room at 1205 East F Street, Oakdale, CA.
- B. The next Joint Board Meeting of the **South San Joaquin and Oakdale Irrigation Districts** serving the **Tri-Dam Projects** and **Tri-Dam Authority** and other joint business matters is scheduled for **Thursday, April 19, 2018 at 9:00 a.m.** in the board room of the South San Joaquin Irrigation District, 11011 East Highway 120, Manteca, CA.

Writings distributed to Board Members in connection with the open session items on this agenda are available for public inspection in the office of the Board Secretary. Any person who has a question concerning any of the agenda items may call the Administrative Assistant at (209) 840-5507.

ADA Compliance Statement: In compliance with the Americans with Disability Act, if you need special assistance to participate in this meeting, please contact the Administrative Assistant at (209) 840-5507. Notification 48 hours prior to the meeting will enable the District to make reasonable arrangements to ensure accessibility to this meeting.



PUBLIC COMMENTS

No Information Included

BOARD MEETING OF MARCH 20, 2018



AGENDA ITEMS CONSENT CALENDAR

BOARD MEETING OF MARCH 20, 2018

BOARD AGENDA REPORT

Date: March 20, 2018
Item Number: 2
APN: N/A

SUBJECT: APPROVE THE BOARD OF DIRECTORS' MINUTES OF THE REGULAR MEETING OF MARCH 6, 2018 AND RESOLUTION NO. 2018-14

RECOMMENDED ACTION: Approve

ATTACHMENTS:

- Draft Minutes of the Board of Directors' Regular Meeting of March 6, 2018
- Draft Resolution No. 2018-14

Board Motion:

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

VOTE:

Orvis (Yes/No) Altieri (Yes/No) Doornenbal (Yes/No) Santos (Yes/No) DeBoer (Yes/No)

Action(s) to be taken:

MINUTES

Oakdale, California
March 6, 2018

The Board of Directors of the Oakdale Irrigation District invited all to recite the Pledge of Allegiance and then met in Regular Session at the hour of 9:00 a.m. Upon roll call, there were present:

Directors: Tom Orvis, President
Gail Altieri, Vice President
Herman Doornenbal
Brad DeBoer
Absent: Linda Santos
Staff Present: Steve Knell, General Manager/Secretary
Jason Jones, Support Services Manager
Eric Thorburn, Water Operations Manager
Kathy Cook, Chief Financial Officer
Also Present: Fred A. Silva, General Counsel

ADDITION OR DELETION OF AGENDA ITEMS

There were no additions or deletions of Agenda Items.

ACTION TO TAKE VARIOUS ITEMS OUT OF SEQUENCE

There were no items taken out of sequence.

PRESENTATION ITEM NO. 1

General Manager Steve Knell discussed the Certificate of Achievement for Excellence in Financial Reporting for its Comprehensive Annual Financial Report that was awarded to the Oakdale Irrigation District by the Government Finance Officers Association of the United States and Canada. This is the tenth year that the District has been awarded this certificate.

At the hour of 9:02 a.m. the Board welcomed public comment.

PUBLIC COMMENT ITEM NO. 2

Karla Schwoerer commented on the public being escorted out of the building during the Closed Session at the last meeting. She stated that she hoped that this did not happen again.

There being no further Public Comment; Public Comment closed at 9:07 a.m. and the Board Meeting continued.

General Manager Steve Knell requested that Item No. 3 be pulled from the consent calendar.

CONSENT ITEMS

ITEM NOS. 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18

ITEM NO. 4

**APPROVE THE OAKDALE IRRIGATION
DISTRICT'S STATEMENT OF OBLIGATIONS**

A motion was made by Director Altieri, seconded by Director DeBoer, and unanimously supported to approve the Oakdale Irrigation District's Statement of Obligations.

ITEM NO. 5

**APPROVE MONTHLY TREASURER AND CHIEF FINANCIAL
OFFICER'S REPORTS FOR THE MONTH ENDING JANUARY 31, 2018**

A motion was made by Director Altieri, seconded by Director DeBoer, and unanimously supported to approve the Monthly Treasurer and Chief Financial Officer's Reports for the month ending January 31, 2018.

ITEM NO. 6

**APPROVE 2018 MISCELLANEOUS RATES AND
CHARGES FOR SPECIAL SERVICES EFFECTIVE MARCH 7, 2018**

A motion as made by Director Altieri, seconded by Director DeBoer, and unanimously supported to approve the 2018 Miscellaneous Rates and Charges for Special Services effective March 7, 2018.

ITEM NO. 7

**APPROVE BOARD ATTENDANCE AT THE ACWA
SPRING CONFERENCE MAY 8 – 11, 2018 IN SACRAMENTO, CA**

A motion was made by Director Altieri, seconded by Director DeBoer, and unanimously supported to approve Board attendance at the ACWA Spring Conference May 8 – 11, 2018 in Sacramento, CA.

ITEM NO. 8

**APPROVE BOARD ATTENDANCE AT THE
WATER EDUCATION FOUNDATIONS 2018 WATER TOURS**

A motion was made by Director Altieri, seconded by Director DeBoer, and unanimously supported to approve Board attendance at the Water Education Foundations 2018 Water Tours.

ITEM NO. 9

**APPROVE AMENDMENT NO. 05 TO PROFESSIONAL SERVICES AGREEMENT
2009-PSA-002 WITH CH2M FOR REVISED HOURLY RATE SCHEDULE**

A motion was made by Director Altieri, seconded by Director DeBoer, and unanimously supported to approve Amendment No. 05 to Professional Services Agreement 2009-PSA-002 with CH2M for revised hourly rate schedule.

ITEM NO. 10

**APPROVE AMENDMENT NO. 04 TO GENERAL SERVICES AGREEMENT 2013-GSA-
048 WITH ROTORK CONTROLS, INC. FOR REVISED HOURLY RATE SCHEDULE**

A motion was made by Director Altieri, seconded by Director DeBoer, and unanimously supported to approve General Services Agreement 2013-GSA-048 with Rotork Controls, Inc. for revised hourly rate schedule.

ITEM NO. 11

**APPROVE WORK RELEASE NO. 075 TO PROFESSIONAL
SERVICES AGREEMENT 2009-PSA-015 WITH GIULIANI & KULL, INC.
FOR PROFESSIONAL SERVICES TO STAKE THE REED POND AND
ASSOCIATED OID FACILITIES' EASEMENTS THROUGH APNS: 006-012-081/082**

A motion was made by Director Altieri, seconded by Director DeBoer, and unanimously supported to approve Work Release No. 075 to Professional Services Agreement 2009-PSA-015 with Giuliani & Kull, Inc. for Professional Services to stake the Reed Pond and associated OID facilities' easements through APN: 006-012-081/082.

ITEM NO. 12

**APPROVE WORK RELEASE 006 TO PROFESSIONAL SERVICES AGREEMENT
2011-PSA-003 WITH BUMGARDNER BIOLOGICAL CONSULTING TO PROVIDE
BIOLOGICAL MONITORING FOR THE OID REED POND MAINTENANCE PROJECT**

A motion was made by Director Altieri, seconded by Director DeBoer, and unanimously supported to approve Professional Services Agreement 2011-PSA-003 with Bumgardner Biological Consulting to provide biological monitoring for the OID Reed Pond Maintenance Project.

ITEM NO. 13

APPROVE AWARD OF BID TO HAILDEN FORD FOR TWO (2) – 2018 MODEL CAB & CHASSIS, 169” WHEELBASE, 4WD; ONE (1) – 2018 MODEL ½ TON, FULL SIZE, REGULAR CAB 2-DOOR PICKUP, 2WD; ONE (1) – 2018 MODEL ½ TON, FULL SIZE, REGULAR CAB 2-DOOR PICKUP, 4WD; ONE (1) – 2018 MODEL ¾ TON, FULL SIZE, REGULAR CAB 2-DOOR PICKUP, 4WD WITH UTILITY BED; AND ONE (1) 2018 MODEL CAB & CHASSIS, 169” WHEELBASE, 4WD SERVICE TRUCK, SOLE SOURCE THE FABRICATION AND INSTALLATION OF TWO (2) EACH CUSTOM BEDS TO STILES TRUCK BODY & EQUIPMENT, INC. AND PURCHASE A UTILITY BED FROM SOUTHWEST PRODUCTS (BUDGETED)

A motion was made by Director Altieri, seconded by Director DeBoer, and unanimously supported to approve the Award of Bid to Haidlen Ford for Two (2) – 2018 Model Cab & Chassis, 169” Wheelbase, 4WD; One (1) – 2018 Model ½ Ton, Full Size Regular Cab 2-Door Pickup, 2WD; One (1) – 2018 Model ½ Ton Full Size Regular Cab 2-Door Pickup, 4WD; One (1) – 2018 Model ¾ Ton, Full Size Regular Cab 2-Door Pickup, 4WD with Utility Bed; and One (1) – 2018 Model Cab & Chassis, 169” Wheelbase, 4WD Service Truck, Sole Source the Fabrication and Installation of Two (2) Each Custom Beds to Stiles Truck Body & Equipment, Inc. and Purchase a Utility Bed from Southwest Products (Budgeted).

ITEM NO. 14

APPROVE PURCHASE OF TWO (2) SPILL CONTAINMENT PALLETS FROM GLOBAL INDUSTRIES (BUDGETED)

A motion as made by Director Altieri, seconded by Director DeBoer, and unanimously supported to approve the purchase of two (2) spill containment pallets from Global Industries (Budgeted).

ITEM NO. 15

APPROVE NOTIFICATION AGREEMENT ON THE CAMPBELL LATERAL (APN: 002-013-034 – PACIFIC GAS & ELECTRIC)

A motion was made by Director Altieri, seconded by Director DeBoer, and unanimously supported to approve the Notification Agreement on Campbell Lateral (APN: 002-013-034 – Pacific Gas & Electric).

ITEM NO. 16

APPROVE DISCHARGE AGREEMENT ON THE RIVERBANK LATERAL (APN: 063-028-024 – SCONZA CANDY COMPANY)

A motion as made by Director Altieri, seconded by Director DeBoer, and unanimously supported to approve the Discharge Agreement on the Riverbank Lateral (APN: 063-028-024 – Sconza Candy Company).

ITEM NO. 17
APPROVE STORM DRAINAGE AGREEMENT ON THE
REED POND (APN: 007-012-081 – RIVER OAK GRACE CHURCH)

A motion was made by Director Altieri, seconded by Director DeBoer, and unanimously supported to approve the Storm Drainage Agreement on the Reed Pond (APN: 007-012-081 – River Oak Grace Church).

ITEM NO. 18
APPROVE STORM DRAINAGE AGREEMENT ON THE LANGWORTH
PIPELINE (APN: 062-010-026 – GORDON BRAKER PLUMBING CONTRACTOR, INC.)

A motion a made by Director Altieri, seconded by Director DeBoer, and unanimously supported to approve the Storm Drainage Agreement on the Langworth Pipeline (APN: 062-010-026 – Gordon Braker Plumbing Contractor, Inc.).

The above Consent Items passed unanimously by the following votes:

Ayes: Directors Orvis, Altieri, Doornenbal, DeBoer
Noes: None
Absent: Director Santos

PULLED CONSENT CALENDAR
ITEM NOS. 3

ITEM NO. 3
APPROVE THE BOARD OF DIRECTORS' MINUTES OF THE
SPECIAL MEETING OF FEBRUARY 20, 2018 AND RESOLUTION NO. 2018-13

A motion was made by Director Altieri, and seconded by Director Doornenbal, and unanimously supported to approve the Special Minutes of February 20, 2018, and Resolution No. 2018-13 once the Minutes have been corrected to show that Director DeBoer was not absent from the Board Meeting.

The above Consent Item passed unanimously by the following votes:

Ayes: Directors Orvis, Altieri, Doornenbal, DeBoer
Noes: None
Absent: Director Santos

ACTION CALENDAR
ITEMS NOS. 19

ITEM NO. 19
REVIEW AND TAKE POSSIBLE ACTION ON APPOINTMENT
OF AN AD HOC COMMITTEE TO DEVELOP THE POTENTIAL
RENEWAL OF THE GENERAL MANAGER'S CONTRACT
UNDER TERMS AND CONDITIONS ACCEPTABLE TO THE BOARD

President Orvis appointed Director Altieri and Director DeBoer to the Ad Hoc Committee to develop the potential renewal of the General Manager's contract under terms and conditions acceptable to the Board. President Orvis stated that he would like this completed before the first meeting in August.

DISCUSSION
ITEM NO. 20

ITEM NO. 20
DISCUSSION ON THE OUTCOME OF THE
GENERAL MANAGER'S TRIP TO WASHINGTON DC

General Manager Steve Knell gave the Board a summary of the outcome of his trip to Washington DC.

COMMUNICATIONS
ITEM NO. 21

A. GENERAL MANAGERS REPORT

General Manager Steve Knell gave an update on the status of the water content in the snow and an update on the Two-Mile Bar Tunnel Project.

Water Operations Manager Eric Thorburn gave an update on the water season. He stated that water deliveries will start at the end of today and continue tomorrow for a 20-day rotation.

B. COMMITTEE REPORTS

There were no committee reports.

C. DIRECTORS COMMENTS

Director Altieri

Director Altieri wondered why the Stanislaus River was running so high last week. General Manager Steve Knell stated it was pursuant to the U.S. Government's Table 2e requirements in order to meet the water quality requirements at Vernalis and also for storage management.

Director DeBoer

Director DeBoer stated that he attended the Water 101 Workshop on February 22, 2018 and it was quite an eye opener. Director DeBoer stated that he learned quite a lot from the Workshop and he encouraged the other Board members to try and attend in the future.

Director Doornenbal

Director Doornenbal stated that he had attended the workshop last year and also thought that it was a great class.

Director Orvis

Director Orvis stated that he also attended the workshop and also thought it was a great workshop and encouraged the other Board members to attend. He commented on a topic that was discussed at the workshop regarding forest management. Director Orvis also commented on the ACWA Spring Conference in May.

At the hour of 10:13 a.m. the Board adjourned to Closed Session.

CLOSED SESSION
ITEM NO. 22

A. Government Code §54956.9(d)(2) - Significant Exposure to Litigation
One (1) Case

At the hour of 10:35 a.m. the Board reconvened to open session. There was no reportable action coming out of closed session.

OTHER ACTION
ITEM NO. 23

At the hour of 10:37 a.m. the meeting was adjourned. The next Regular Board Meeting of the **Oakdale Irrigation District Board of Directors** is scheduled for **Tuesday, March 20, 2018 at 9:00 a.m.** in the board room at 1205 East F Street, Oakdale, CA.

The next Joint Board Meeting of the **South San Joaquin and Oakdale Irrigation Districts** serving the **Tri-Dam Projects** and **Tri-Dam Authority** and other joint business matters is scheduled for **Thursday, March 15, 2018 at 9:00 a.m.** in the board room of the Oakdale Irrigation District, 1205 East F Street, Oakdale, CA.

Thomas D. Orvis, President

Attest:

Steve Knell, P.E., Secretary

**OAKDALE IRRIGATION DISTRICT
RESOLUTION NO. 2018-14**

**NOTIFICATION AGREEMENT OF
CROSSING THE CAMPBELL LATERAL**

APN: 002-013-034

WHEREAS, Oakdale Irrigation District holds an easement for the Campbell Lateral, located in Section 31, Township 1 South, Range 10 East, Mount Diablo Base and Meridian, in the unincorporated area of Stanislaus County, California; and

WHEREAS, Pacific Gas and Electric Company has requested a Notification Agreement for one (1) overhead electric service line crossing over the Campbell Lateral in a perpendicular manner at a minimum height of thirty (30) feet above finished grade; and

WHEREAS, the attached Notification Agreement has been signed by Pacific Gas and Electric Company.

NOW THEREFORE BE IT RESOLVED, that the provisions contained in the Notification Agreement of the above-identified land have been accepted by Pacific Gas and Electric Company, is hereby accepted by the District, and that the President be and is hereby authorized and directed to have the same recorded on the records of Stanislaus County, and that said Notification Agreement in its entirety is incorporated herein by reference to this Resolution.

Upon Motion of Director Altieri, seconded by Director DeBoer, and duly submitted to the Board for its consideration, the above-titled Resolution was adopted this 6th day of March 2018, by the following vote.

Ayes:	Directors Altieri, DeBoer, Doornenbal, Orvis
Noes:	None
Absent:	Director Santos

OAKDALE IRRIGATION DISTRICT

Thomas D. Orvis, President
Board of Directors

Steve Knell, P.E.
General Manager/Secretary

BOARD AGENDA REPORT

Date: March 20, 2018
Item Number: 3
APN: N/A

SUBJECT: APPROVE OAKDALE IRRIGATION DISTRICT'S STATEMENT OF OBLIGATIONS

RECOMMENDED ACTION: Approve Statement of Obligations

TOP TEN OBLIGATIONS

<u>Vendor</u>	<u>Purpose</u>	<u>Amount</u>
Drill Tech Drilling & Shoring, Inc.	Two-Mile Bar Tunnel Project	\$1,598,339.81
Rubicon, Inc.	Flume Meters, Flume Gates	200,218.13
Kaiser Foundation Health Plan, Inc.	April 2018 Health Insurance	58,259.82
Condor Earth Technologies	WR #010, WR #012	40,610.00
Advanced Control Solutions	16", 20", & 30" Flow Meters	31,973.20
Sutter Health Plus	April 2018 Health Insurance	27,422.02
Hilmar Lumber, Inc.	15", 18" & 21" PVC Tees & Elbows	24,864.92
O'Laughlin & Paris LLP	Attorney Fees	15,865.00
Allied Concrete and Supply Co., Inc.	Gunite	10,675.53
ACWA-JPIA	April 2018 Dental/Vision Insurance	8,359.57

FISCAL IMPACT: \$2,105,331.49

ATTACHMENTS:

- Statement of Obligations – Accounts Payable

Board Motion:

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

VOTE:

Orvis (Yes/No) Altieri (Yes/No) Doornenbal (Yes/No) Santos (Yes/No) DeBoer (Yes/No)

Action(s) to be taken:

OAKDALE IRRIGATION DISTRICT

**STATEMENT
OF
OBLIGATIONS**

March 20, 2018

Accounts Payable
Check Register - March 20, 2018



Oakdale Irrigation District
1205 East F Street
Oakdale, CA 95361

Check No	Check Date	Vendor Name	Amount	Description
23117	3/6/2018	Stewart & Jasper Orchards	\$248.70	Ag Luncheon - Speaker Gift Baskets
23118	3/6/2018	Applied Technology Group, Inc.	\$3,885.60	WR #002
23119	3/6/2018	AT&T Mobility	\$52.52	GPS Device
23120	3/6/2018	AT&T	\$68.31	Phone Charges 2/25/18 - 3/24/18
23121	3/6/2018	CH2M Hill	\$6,521.20	WR #015, WR #016
23122	3/6/2018	City of Oakdale - Utilities	\$299.08	Water/Sewer 1/16/18 - 2/15/18
23123	3/6/2018	Custom Fire Protection	\$2,509.07	Fire Extinguisher Maintenance & Training
23124	3/6/2018	Gilton Solid Waste Management, Inc.	\$289.59	Refuse Charges - February
23125	3/12/2018	California State Disbursement Unit	\$207.69	Levy
23126	3/12/2018	California State Disbursement Unit	\$364.60	Levy
23127	3/12/2018	EZ Haul	\$3,529.67	Premier Plug, Pallets
23128	3/12/2018	Franchise Tax Board	\$175.00	Levy
23129	3/12/2018	Gilton Resource Recovery Transfer Facility, Inc.	\$843.00	Waste Disposal - January
23130	3/12/2018	Krohne Inc.	\$1,869.22	Krohne Enviromag Flow Meter
23131	3/12/2018	Moore Quality Galvanizing L.P.	\$4,059.54	Angles, Beams, Pipe Rails, Cover Plates
23132	3/12/2018	Verizon Wireless	\$2,615.07	Cimis Station, Cell Phone Charges - February
23133	3/20/2018	Alpizar, Luis M. & Dulce Longoria	\$265.50	Refund - APN: 002-015-011
23134	3/20/2018	Ace Hardware	\$3.55	PVC Nipple & Coupling
23135	3/20/2018	ACWA-JPIA	\$8,359.57	April 2018 Dental/Vision Insurance
23136	3/20/2018	Advanced Control Solutions	\$31,973.20	16", 20" & 30" Flow Meters
23137	3/20/2018	Allied Concrete and Supply Co., Inc.	\$10,675.53	Gunite
23138	3/20/2018	BG Agri Sales & Service	\$87.04	Ball Valves, Hoses, Clamps, Poly Bulkhead Fittings
23139	3/20/2018	Boutin Jones, Inc.	\$3,325.00	Attorney Fees
23140	3/20/2018	Cals Engine & Machine	\$276.95	Water Pump - #FL-02
23141	3/20/2018	Casey Moving Systems Records Management	\$96.00	Shredding - February
23142	3/20/2018	C & C Portables, Inc.	\$1,281.93	Portable Toilet Rental - February
23143	3/20/2018	Coffee Break Service, Inc.	\$196.50	Coffee Service
23144	3/20/2018	Condor Earth Technologies, Inc.	\$40,610.00	WR #010, WR #012
23145	3/20/2018	Davids Engineering, Inc.	\$3,153.75	WR #008
23146	3/20/2018	Devnalysis	\$60.00	Hosting - oidwaterresourcesplan.org, savethestan.org
23147	3/20/2018	Don's Mobile Glass, Inc.	\$199.00	Windshield Replacement - #39
23148	3/20/2018	Drill Tech Drilling & Shoring, Inc.	\$1,598,339.81	Two Mile Bar Tunnel Project - WR #001
23149	3/20/2018	Fastenal Company	\$7,704.20	Wedge Anchors, Rack Beams, Gloves, Storage Rack
23150	3/20/2018	Fedak & Brown LLP	\$6,224.00	2017 Audit Services
23151	3/20/2018	Frasco Profiles	\$95.75	Background Check
23152	3/20/2018	Fresno Valves & Castings, Inc.	\$2,230.18	15" & 18" 101C Gates w/ Frames, NPS Sets
23153	3/20/2018	George Reed, Inc.	\$2,379.67	Minus 18, Crushed Rock
23154	3/20/2018	GGD Oakdale LLC	\$2,444.66	DSO Office Lease - April
23155	3/20/2018	Grover Landscape Services, Inc.	\$495.00	Monthly Landscape Maintenance - February
23156	3/20/2018	Haidlen Ford	\$854.09	Filters, Throttle Body, Horn, Remote, Key with Chip
23157	3/20/2018	Hilmar Lumber, Inc.	\$24,864.92	15", 18" & 21" PVC Tees, Elbows & Gaskets
23158	3/20/2018	Hixco	\$1,005.57	Screws, Flap Discs, Cut Off Wheels, Knee Pads
23159	3/20/2018	Kaiser Foundation Health Plan, Inc.	\$58,259.82	April 2018 Health Insurance
23160	3/20/2018	Ketchum Jr., Castle	\$25.40	Mileage

Accounts Payable
 Check Register - March 20, 2018



Oakdale Irrigation District
 1205 East F Street
 Oakdale, CA 95361

Check No	Check Date	Vendor Name	Amount	Description
23161	3/20/2018	Machado Backhoe, Inc.	\$3,392.92	5' x 7' Structures
23162	3/20/2018	McMaster-Carr	\$290.32	U-Bolts, Channel Nuts, Channel Twist Locks
23163	3/20/2018	Mission Uniform Service	\$2,367.47	Uniform Service
23164	3/20/2018	Modesto Battery	\$690.54	Batteries
23165	3/20/2018	NorCal Kenworth	\$995.96	Motor Blower & Wheels, Bushings, Seats, Motor Blower
23166	3/20/2018	Oakdale Automotive Repair & Tire	\$711.52	LT265/75R Tires - #74
23167	3/20/2018	Oakdale Leader	\$816.78	Employment Ad, Community Service Awareness - January
23168	3/20/2018	Oak Valley Hospital	\$412.00	Medical Card Renewals, Pre-Employment Exam
23169	3/20/2018	Office Depot	\$820.81	Office Supplies
23170	3/20/2018	O'Laughlin & Paris LLP	\$15,865.00	Attorney Fees
23171	3/20/2018	Old Republic Title Company	\$46.00	Refund - APN: 063-066-059
23172	3/20/2018	P & L Concrete Products, Inc.	\$1,603.34	Concrete
23173	3/20/2018	Ray Morgan Company	\$358.62	Copier Usage 1/24/18 - 2/23/18
23174	3/20/2018	Redwood Health Services	\$252.75	125 Cafeteria Plan & Cobra - April 2018
23175	3/20/2018	Resource Building Materials	\$287.00	Redi Mix
23176	3/20/2018	Rotork Controls, Inc.	\$2,538.23	WR #003
23177	3/20/2018	Rubicon, Inc.	\$200,218.13	Flume Meters & Flume Gates
23178	3/20/2018	Samba Holdings, Inc.	\$308.00	Fleet Watch - January & February
23179	3/20/2018	Savemart Supermarkets	\$118.34	JPIA Training, Retirement - Card & Cake
23180	3/20/2018	Spray & Son Janitorial, Inc.	\$2,450.00	Monthly Janitorial Services - February
23181	3/20/2018	Streamline	\$400.00	Monthly Website Fee - February
23182	3/20/2018	Sutter Health Plus	\$27,422.02	April 2018 Health Insurance
23183	3/20/2018	Tri-West Tractor Incorporated	\$14.38	Fuel Filter
23184	3/20/2018	Truck nTow.Com	\$360.93	Digital Tire Inflator, Solenoids
23185	3/20/2018	Union Bank N.A.	\$1,500.00	COP - Annual Administration Fee
23186	3/20/2018	United Rentals Northwest, Inc.	\$1,489.16	12' Truck Stake Rental
23187	3/20/2018	Valley Entry Systems, Inc.	\$377.56	Relay Loop Detectors
23188	3/20/2018	Visa	\$237.40	Water 101 Workshop - Registration
23189	3/20/2018	W. H. Breshears, Inc.	\$5,378.97	Fuel
23190	3/20/2018	Wille Electric Supply Co., Inc.	\$582.89	Zinc Plated Strut Channel
			<u>\$2,105,331.49</u>	

OAKDALE IRRIGATION DISTRICT
STATEMENT OF OBLIGATIONS
March 20, 2018

Void Check No. 22899

THE FOREGOING CLAIMS, NUMBERED 23117 Through 23190 INCLUSIVE
ARE APPLIED TO THE GENERAL FUND OF OAKDALE IRRIGATION DISTRICT
AND ARE OBLIGATIONS AUTHORIZED THERETO.

BOARD AGENDA REPORT

Date: March 20, 2018
Item Number: 4
APN: N/A

SUBJECT: APPROVE OID IMPROVEMENT DISTRICT'S STATEMENT OF OBLIGATIONS

RECOMMENDED ACTION: Approve

BACKGROUND AND DISCUSSION:

Check number 1244 for the reimbursement of Improvement District's additional December 2017 O & M expenses and January 2018 O & M expenses in the amount of \$7,534.30 is being submitted for Board approval.

FISCAL IMPACT: \$7,534.30

ATTACHMENTS:

- Statement of Obligations
-

Board Motion:

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

VOTE:

Orvis (Yes/No) Altieri (Yes/No) Doornenbal (Yes/No) Santos (Yes/No) DeBoer (Yes/No)

Action(s) to be taken:

**OAKDALE IRRIGATION DISTRICT
IMPROVEMENT DISTRICT ACCOUNT**

1244

DATE: 20-Mar-18		TO: Oakdale Irrigation District			
MAINTENANCE PAYABLE					
I.D. #	Dec 2017. and Jan. 2018 O & M Expense	I.D. #	Dec 2017. and Jan. 2018 O & M Expense		
1		31			Note: Included Misc. Recon. Items
2		36			
8		38			
13		41	\$479.15		
19	\$522.82	45	788.39		
20		46	4,148.65	I.D. #	Construction In Progress
21		48			
22	595.16	51	950.30		
26		52			
29	49.83				
SUB-TOTAL	\$1,167.81	SUB-TOTAL	\$6,366.49	SUB-TOTAL	\$0.00
VOUCHER CHARGES					
Maintenance & Operations					\$7,534.30
Capital Projects					\$0.00
TOTAL AMOUNT					\$7,534.30

**OAKDALE IRRIGATION DISTRICT
IMPROVEMENT DISTRICTS
STATEMENT OF OBLIGATIONS
FOR JANUARY 1, 2018 - JANUARY 31, 2018**

CHECK NO.	PAYABLE TO:	AMOUNT	DATE
1242	OAKDALE IRRIGATION DISTRICT	\$46,979.37	01/09/2018
1243	OAKDALE IRRIGATION DISTRICT	58,774.72	02/20/2018
1244	OAKDALE IRRIGATION DISTRICT	7,534.30	03/20/2018

THE FOREGOING CLAIM NUMBERED 1244 WAS APPLIED TO
GENERAL FUNDS OF THE OAKDALE IRRIGATION'S IMPROVEMENT
DISTRICTS AND ARE AUTHORIZED THERETO.

BOARD AGENDA REPORT

Date: March 20, 2018
Item Number: 5
APN: N/A

SUBJECT: APPROVE DONATION REQUEST OF STANISLAUS COUNTY 4-H EXCHANGE

RECOMMENDED ACTION: Approve

BACKGROUND AND/OR HISTORY:

The Planning and Public Relations Committee met with members of the Stanislaus 4-H Exchange on March 12, 2018. The Stanislaus 4-H Exchange is requesting a donation in the sum of \$12,000 to help with the purchase of airline tickets for 25 people (20 youths and 5 adult leaders) to travel to Ohio to learn about agriculture in Ohio. Last year Ohio traveled to California to learn about agriculture here.

In April 2011 the District donated the sum of \$2,500 and in 2015 the District donated \$5,000 to help with the travel expenses. The Committee recommends approval of the sum of \$4,500. This recommendation is brought to the full Board for approval because it exceeds the amount that the Committee is authorized to approve.

FISCAL IMPACT: \$4,500

ATTACHMENTS:

- OID Community Donation Application
-

Board Motion:

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

VOTE:

Orvis (Yes/No) Altieri (Yes/No) Doornenbal (Yes/No) Santos (Yes/No) DeBoer (Yes/No)

Action(s) to be taken:



Received

FEB 13 2018

Oakdale ID

OID COMMUNITY DONATION APPLICATION

The Oakdale Irrigation District allocates a budgeted amount each year for community service purposes to non-profit, non-political groups operating within the OID water service area and benefiting OID customers. In return for the donation, the OID must receive some form of promotion or recognition for their participation, including but not limited to a sign or posting or advertisement that will be seen by other OID customers.

The OID does not donate labor or equipment except as approved by its Board of Directors.

Organizations submitting a community service application for the first time are asked to provide a list of their Board members and a description of the organization.

Date of Application: 2-10-18

Requesting Organization: Stanislaus 4-H Exchange

Mission or Purpose of the Organization: To expose 4-H youth to other 4-H'ers across the United States and learn about their agriculture and cow
Federal Tax Identification: _____

Is this Organization Exempt from Reporting: Yes No

Contact Person: Jolene Thompson

Address: 10000 Cleveland Ave Oakdale CA 95361

Telephone: Day 209 602-5685 Evening same

Position within Organization: Advisor

Event, Program or Purpose for which Donation will be used: Flight tickets for area 4-H members to go to Ohio where 4-H began to learn about their agriculture.

Event Date: June 19-26 Time: 1 week Location: Ohio (Mercer County)

Expected Number of People who will attend or be involved in the Event: _____

25 total (20 youth + 5 adults)

Amount of Donation being Requested: \$12,000

How will District participation be recognized? Sign at our Milk Bar at the county fair and an article/picture in the Oakdale Leader.

BOARD AGENDA REPORT

Date: March 20, 2018
Item Number: 6
APN: N/A

SUBJECT: APPROVE DONATION REQUEST OF OAKDALE SOCCER CLUB

RECOMMENDED ACTION: Approve

BACKGROUND AND/OR HISTORY:

The Planning & Public Relations Committee met on March 12, 2018 to discuss the Community Donation Application submitted by the Oakdale Soccer Club. President Ami Poncabare attended the committee meeting and discussed the Oakdale Soccer Club's request of \$8,500 to help pay for lights for practice and games.

In 2017, the Committee recommended that the Board approve a donation of \$1,200. This year the Committee recommends a donation in the sum of \$1,200. This recommendation is brought to the full Board for approval because it exceeds the amount that the Committee is authorized to approve.

FISCAL IMPACT: \$1,200

ATTACHMENTS:

- OID Community Donation Application
-

Board Motion:

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

VOTE

Orvis (Yes/No) Altieri (Yes/No) Doornenbal (Yes/No) Santos (Yes/No) DeBoer (Yes/No)

Action(s) to be taken:



Received

JAN 26 2018

OID COMMUNITY DONATION APPLICATION

Oakdale ID
Counter

The Oakdale Irrigation District allocates a budgeted amount each year for community service purposes to non-profit, non-political groups operating within the OID water service area and benefiting OID customers. In return for the donation, the OID must receive some form of promotion or recognition for their participation, including but not limited to a sign or posting or advertisement that will be seen by other OID customers.

The OID does not donate labor or equipment except as approved by its Board of Directors.

Organizations submitting a community service application for the first time are asked to provide a list of their Board members and a description of the organization.

Date of Application: 1-23-18

Requesting Organization: OAKDALE SOCCER CLUB

Mission or Purpose of the Organization: OFFER PHYSICAL ACTIVITY FOR YOUTH & COMMUNITY

Federal Tax Identification: 81-4877089

Is this Organization Exempt from Reporting: Yes No

Contact Person: AMI PONCABARE

Address: 2824 WESTPORT CIRCLE, OAKDALE

Telephone: Day 209 485-2477 Evening same

Position within Organization: PRESIDENT

Event, Program or Purpose for which Donation will be used: WE NEED

LIGHTS FOR PRACTICE & GAMES. THIS WILL ALLOW ADDITIONAL PLAYERS AND SUPPORT CLUB GROWTH.

Event Date: _____ Time: _____ Location: _____

Expected Number of People who will attend or be involved in the Event: _____

700 PLAYERS, 50 COACHES

Amount of Donation being Requested: \$8,500

How will District participation be recognized? SPONSOR LOGO ON

UNIFORMS, WEBSITE, NEWSLETTER, BANNER

BOARD AGENDA REPORT

Date: March 20, 2018
Item Number: 7
APN: N/A

SUBJECT: APPROVE DONATION REQUEST OF STANISLAUS COUNTY FAIR

RECOMMENDED ACTION: Approve

BACKGROUND AND/OR HISTORY:

The Planning & Public Relations Committee met on March 12, 2018 to discuss the Request of the Stanislaus County Fair. Chief Executive Officer Matt Cranford attended the committee meeting and discussed the Stanislaus County Fair's request with Directors Altieri and DeBoer. Mr. Cranford recommended that the District be a Show Ring Sponsor for a contribution of \$2,500. The District's banner will be placed in the show ring and will remain up for all ten days of the Fair as well as the District being publicized in all press releases, eBlasts, social media announcing, and will also be recognized as a sponsor of the show ring in a press release.

The Committee recommends the District donate \$2,500 as a show ring sponsor. This recommendation is brought to the full Board for approval because it exceeds the amount that the Committee is authorized to approve.

FISCAL IMPACT: \$2,500

ATTACHMENTS:

- Stanislaus County Fair Show Ring Information
-

Board Motion:

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

VOTE

Orvis (Yes/No) Altieri (Yes/No) Doornenbal (Yes/No) Santos (Yes/No) DeBoer (Yes/No)

Action(s) to be taken:

Marketing Opportunity

Show Ring Sponsor

The show ring will be the newest addition to the 4H & FFA agricultural Fair community. With a continually growing group of students coming to show their animals at the Fair each year, it became obvious that the Fair needed more room to showcase the kids' hard work in their 4H & FFA programs. With this in mind, the fair will add a new show ring, located in Legion Field, for the 2018 fair. With its proximity to the main livestock gate, it will generate both media and fairgoer attention. It will consist of a high end portable structure, cooler fans and bleachers for spectators. Visibility will be extremely high, and branding opportunities are excellent.

As the show ring sponsor your contribution will allow more students to show their animals in a safe and fun environment and you will receive:

Publicity: As the largest event in the county, the Stanislaus County Fair creates an audible buzz in the Central Valley. As Sponsor, your company name will be exclusively recognized in all press releases, eBlasts, and social media announcing and promoting the new show ring.

Print Advertising: The Stanislaus County Fair is advertised in nearly two dozen newspapers published in Stanislaus and Merced Counties. As a Promotion Day Sponsor, your company logo will be featured in all print advertising promoting the new show ring.

Press Release: Your company will be recognized as the sponsor of the new show ring in a press release detailing the newest addition to the Stanislaus County Fair.

Visitors Guide: Your company will be listed on the highly-visible back page of the Fair's official Visitors Guide. This bright and colorful newspaper insert is a handy guide that is sent to approximately 61,000 *Modesto Bee* subscribers.

Social Media: The Fair is highly active in social media with over 77,000 users on multiple platforms and growing daily. You will be tagged and/or mentioned in posts about the new show ring.

Mobile App: Your logo will be a part of the popular Stanislaus County Fair mobile app.

Website: Internet savvy Fair guests named stancofair.com their number one source for online information about the Stanislaus County Fair. In 2017, the website had 1.2 million page views with 73,595 visiting in July alone. Your full-color logo will be highly visible on our sponsor page, and the livestock and animal exhibit page. Your company's name and/or logo will also be on the Fairtime map.



Marketing Opportunity

Logo/Branding: Your company logo will appear on banners adorning the Show ring tent. The show ring will be viewable from one of our two parking locations, as well as from one of the busiest streets along the fairgrounds.

Banners: The Fair will provide One (1) 3' x 10' banner that will be placed in the show ring a week before Fair opens and remain up all 10 days of Fair.

Parking and Admission Passes: Treat your valued employees or customers to a fun-filled evening at the Fair. As the Kidz Club Sponsor, your company will receive 80 Fair Admission Tickets and 80 Single-Day Parking Passes for the Fair's North or West Parking Lot. 2 VIP boardroom tickets per-day (an opportunity to eat, drink and socialize with board members, recognized sponsors and community partners in a private setting).

Sponsor Recognition Event: Stand up and take a bow. Be recognized among your peers and fellow sponsors at the Fair's annual Sponsor Recognition Event. Join Fair officials as they say thank you with an evening of pre-Fair fun and a sneak peek of what excitement lies ahead.

Marketing Investment.....\$2,500



BOARD AGENDA REPORT

Date: March 20, 2018
Item Number: 8
APN: 006-013-028/029

SUBJECT: APPROVE DEFERRED CONDITIONS OF APPROVAL AGREEMENT (APNs: 006-013-028/029 – DONALD W. OZENBAUGH, JR. AND KATHRYN S. OZENBAUGH) AND REQUEST TO CONNECT A SUB-STANDARD PARCEL (APN: 006-013-029 – DONALD W. OZENBAUGH, JR. AND KATHRYN S. OZENBAUGH)

RECOMMENDED ACTION: Approve

BACKGROUND AND/OR HISTORY:

The parcels noted above were created as the result of a 2017 lot line adjustment, and are subject to the New Parcel Connection process per OID policy. Since one parcel, APN: 006-013-029, is less than 10 acres, it is considered substandard and requires Board approval to connect. The property has historically received irrigation water via an existing turnout on the River Road Lateral, which also serves the landowner's neighboring parcel. The lot line adjustment was completed for estate planning purposes and the landowner has no intention of selling the property, changing the irrigation practice, or land use on the parcels. The owners have requested that OID allow them to continue to irrigate the two parcels as they historically have, which is without independent irrigation and drainage, until such a time as one of the parcels noted above are sold or a change in land use occurs. Upon review of the proposed irrigation connection by Water Operations Department staff, the attached Deferred Conditions of Approval Agreement was drafted. As the landowner's request is not anticipated to negatively impact OID operations, staff recommends approval of the substandard new parcel connection and the Deferred Conditions of Approval Agreement as drafted.

FISCAL IMPACT: A fee has been collected to cover all District costs.

ATTACHMENTS:

- Parcel Site Map
- Deferred Conditions of Approval Agreement - Draft

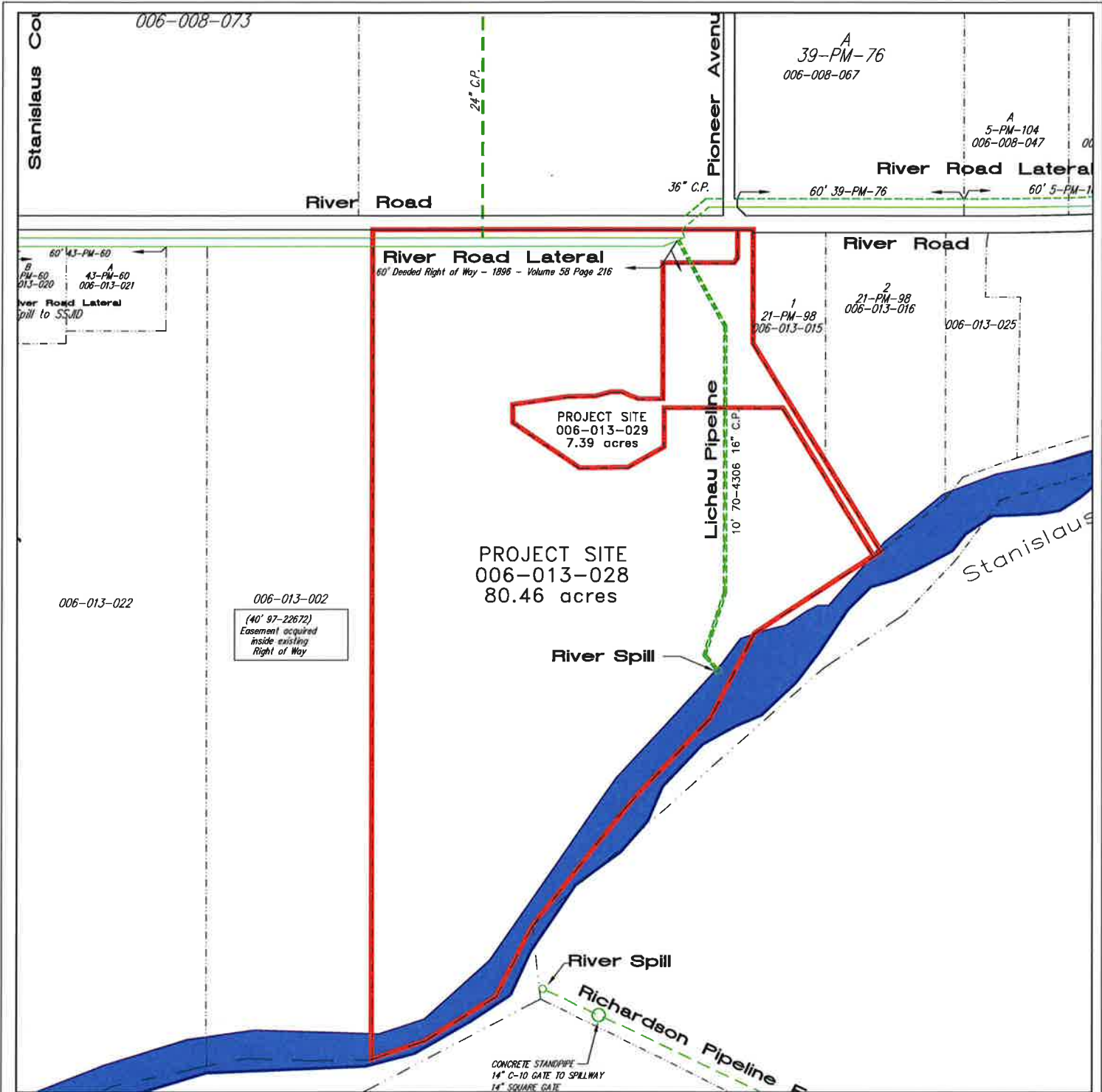
Board Motion:

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

VOTE:

Orvis (Yes/No) Altieri (Yes/No) Doornenbal (Yes/No) Santos (Yes/No) DeBoer (Yes/No)

Action(s) to be taken:



OID
OAKDALE IRRIGATION DISTRICT



OAKDALE IRRIGATION DISTRICT
1205 EAST F STREET
OAKDALE CALIFORNIA 95361

PROJECT SITE MAP
NEW PARCEL CONNECTIONS
APNs: 006-013-028/029



DATE: March 12, 2018
DRAWN BY: ECS
CHECKED BY: ECT

RIVER ROAD LATERAL

NOT TO SCALE
SHEET 1 of 1

RECORDING REQUESTED BY AND
WHEN RECORDED MAIL TO:



OAKDALE IRRIGATION DISTRICT
1205 East F Street
Oakdale, CA 95361

APNs: 006-013-028/029

DEFERRED CONDITIONS OF APPROVAL AGREEMENT

**BETWEEN DONALD W. OZENBAUGH, JR. AND KATHRYN S. OZENBAUGH
AND OAKDALE IRRIGATION DISTRICT**

The parcels noted above were created as the result of a lot line adjustment. The landowners of the parcels noted above will continue to farm the parcels as one property and have no intention of selling the parcels or changing the current land use. The landowners of the parcels noted above have requested that they be permitted to continue irrigating as they historically have, which is without an independent irrigation system, until either of the parcels change ownership or land use. On March 20, 2018, the Oakdale Irrigation District (DISTRICT) Board of Directors approved this Deferred Conditions of Approval Agreement with DONALD W. OZENBAUGH, JR. AND KATHRYN S. OZENBAUGH (OWNER) regarding continued irrigation.

NOW THEREFORE IT IS AGREED by and between DISTRICT and OWNER as follows:

The following project condition shall apply to APNs: 006-013-028/029, as described in the attached **Exhibit "A"** Legal Description of the Subject Properties and shown on the attached **Exhibit "B"** Project Site Map.

1. Prior to such time as either parcel is sold, or there is a change in ownership, or there is a change in the current agricultural land use of said parcels, the parcels shall be prepared to irrigate and drain independently. Private irrigation pipelines shall be installed from the historic point(s) of delivery, in a manner that will provide independent irrigation to the parcels. OWNER shall be responsible for all costs incurred.

By signing below, Donald W. Ozenbaugh, Jr. and Kathryn S. Ozenbaugh, husband and wife, as community property, the legally titled OWNER of the subject parcels, hereby agrees to comply with the above-described condition of approval. Failure to comply with this Agreement shall result in DISTRICT withholding irrigation water until such time as the listed condition is met.

THIS AGREEMENT shall be a covenant binding upon both DISTRICT and OWNER.

IN WITNESS WHEREOF, DISTRICT and OWNER have caused their names to be affixed.

**OAKDALE IRRIGATION DISTRICT
"DISTRICT"**

Thomas D. Orvis, President
Board of Directors

Date

Steve Knell, P. E.
General Manager/ Secretary

Date

"OWNER"

Donald W. Ozenbaugh, Jr., Owner

Date

Kathryn S. Ozenbaugh, Owner

Date

Mailing Address: P.O. Box 37
Oakdale, CA 95361

SIGNATURES MUST BE NOTARIZED AND BE PER RECORDED DEED

NOTARY

CERTIFICATE OF ACKNOWLEDGMENT

A notary public or other officer completing this certificate verifies only the identity of the individual who signed the document to which this certificate is attached, and not the truthfulness, accuracy, or validity of that document.

State of California
County of _____

On _____ before me _____,
personally appeared _____
who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.

WITNESS my hand and official seal

Signature (Seal)

CERTIFICATE OF ACKNOWLEDGMENT

A notary public or other officer completing this certificate verifies only the identity of the individual who signed the document to which this certificate is attached, and not the truthfulness, accuracy, or validity of that document.

State of California
County of _____

On _____ before me _____,
personally appeared _____
who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.

WITNESS my hand and official seal

Signature (Seal)

EXHIBIT "A"

Legal Description of Subject Property

The land referred to is situated in the unincorporated area of the County of Stanislaus, State of California, and is described as follows:

Adjusted Parcel 1 of that Certificate of Lot Line Adjustment No. PLN2015-0070 of Stanislaus County recorded January 6, 2017 as Recorder's Document No. 2017-001054 and more particularly described as follows:

All that real property being a portion of Section 18, Township 2 South Range 10 East, Mount Diablo Base and Meridian, Stanislaus County Records, being more particularly described as follows:

Commencing at the northwest corner of Section 18; thence North 89°26'00" West 1371.15 feet to a point at the north line of those Lands of Costa Rica as described in that Grant Deed filed for record as Recorder's Document No. 2002-000000, Stanislaus County Records; thence continuing along said north line of Section 18 1318.00 feet to the Point of Beginning; thence leaving said north line by the following courses:

1. thence South 00°13'00" West 100.30 feet;
 2. thence South 44°54'18" West 22.47 feet to northwest corner of Section 18;
 3. thence North 89°26'06" West 217.14 feet, joining of a tangent curve concave southeasterly having a radius of 271.14 feet, beginning of a tangent curve concave southeasterly having a radius of 271.14 feet, that Grant Deed No. 2002-000000, Stanislaus County Records;
 4. thence southerly 39.34 feet along the arc of said curve through a central angle of 90°09'26";
 5. thence South 00°24'28" West 101.01 feet to the Point of Beginning; thence North 00°24'28" West 101.01 feet;
 6. thence South 85°30'13" West 27.13 feet;
 7. thence North 74°29'01" East 67.00 feet;
 8. thence South 85°30'13" West 27.13 feet;
 9. thence South 65°30'13" West 67.00 feet;
 10. thence South 85°30'13" West 96.40 feet;
 11. thence South 76°51'46" West 197.75 feet;
 12. thence South 03°52'40" West 65.00 feet;
 13. thence South 56°58'14" East 286.70 feet;
 14. thence North 86°30'40" East 170.24 feet;
 15. thence North 45°37'47" East 148.41 feet;
 16. thence North 00°25'35" East 139.56 feet;
 17. thence North 85°30'13" East 425.40 feet to a point 30.00 feet westerly and perpendicular to the West line of Parcel 1 and 2 shown on that Parcel Map filed for record in Book 21 of Parcel Maps at Page 98, Stanislaus County Records;
 18. thence South 29°51'00" East 622.18 feet parallel with and 30.00 feet westerly of said west line to a point on the right bank of the Stanislaus River;
- thence along said bank of the Stanislaus River the following (14) courses:

1. thence South 41°21'55" West 274.67 feet;
2. thence South 31°05'47" West 441.56 feet;
3. thence South 48°36'45" West 334.85 feet;
4. thence South 38°26'09" West 519.29 feet;

5. thence South 03°28'12" East 51.22 feet;
6. thence South 35°30'27" East 63.82 feet;
7. thence South 08°17'33" West 58.86 feet;
8. thence South 39°35'36" West 285.57;
9. thence South 46°57'32" West 265.86 feet;
10. thence North 88°05'30" West 43.00 feet
11. thence South 69°52'21" West 87.99 feet;
12. thence South 14°37'39" West 33.38 feet
13. thence South 65°41'03" West 192.62 feet
14. thence South 88°34'07" West 154.58 feet to the southerly prolongation of the east line of said Lands of Costa;

thence along said southerly prolongation and said east line North 00°13'00" East 3113.64 feet to the northeast corner of said Lands of Costa; thence along the north line of said Section 18 North 89°26'00" West 1318.00 feet to the point of beginning. Distance Sol.

APN: 006-013-028

DRAFT

The land referred to is situated in the unincorporated area of the County of Stanislaus, State of California, and is described as follows:

Adjusted Parcel 2 of that Certificate of Lot Line Adjustment No. PLN2015-0070 of Stanislaus County recorded January 6, 2017 as Recorder's Document No. 2017-001054 and more particularly described as follows:

All that real property being a portion of Section 18, Township 2 South, Range 10 East, Mount Diablo Base and Meridian, Stanislaus County Records, being more particularly described as follows:

Commencing at the northwest corner of Section 18; thence along the North line of Section 18 North 89°26'00" West 1371.15 feet to a point at the northeast corner of those Lands of Costa as described in that Grant Deed filed for record as Doc. #2004-0126873, Stanislaus County Records; thence continuing along said north line North 89°26'00" West 1318.00 feet to the Point of Beginning; thence leaving said north line the following (18) courses:

1. thence South 00°13'00" West 100.30 feet;
2. thence South 44°54'18" West 22.47 feet;
3. thence North 89°26'06" West 212.31 feet to the beginning of a tangent curve concave southeasterly having a radius of 25.00 feet;
4. thence southerly 39.34 feet along the arc of said curve through a central angle of 90°09'26";
5. thence South 00°24'28" West 501.00 feet;
6. thence South 85°30'13" West 87.27 feet;
7. thence North 74°29'47" West 67.22 feet;
8. thence South 85°30'13" West 35.47 feet;
9. thence South 65°30'13" West 56.05 feet;
10. thence South 85°30'13" West 96.40 feet;
11. thence South 76°51'46" West 197.75 feet;
12. thence South 03°52'40" West 65.00 feet;
13. thence South 56°58'14" East 286.70 feet;
14. thence North 86°30'40" East 170.24 feet;
15. thence North 45°37'47" East 148.41 feet;
16. thence North 00°25'35" East 139.56 feet;
17. thence North 85°30'13" East 425.40 feet to a point 30.00 feet westerly and perpendicular to the West line of Parcel 1 and 2 shown on that Parcel Map filed for record in Book 21 of Parcel Maps at Page 98, Stanislaus County Records;
18. thence South 29°51'00" East 622.18 feet parallel with and 30.00 feet westerly of said west line to a point on the right bank of the Stanislaus River;

thence along said bank of the Stanislaus River North 41°21'55" East 31.69 feet to said west line of Parcel 1 and Parcel 2; thence along said west line North 29°51'00" West 864.14 feet; thence continuing along said west line North 00°13'00" East 407.22 feet to the North line of Section 18; thence along said north line North 89°26'00" West 55.00 feet to the point of Beginning.

APN: 006-013-029

End of Description



DISCUSSION ITEMS

BOARD MEETING OF MARCH 20, 2018

DISCUSSION ITEM

Date: March 20, 2018
Item Number: 9
APN: N/A

SUBJECT: DISCUSSION ON CURRENT AND PROJECTED HYDROLOGY WITH REVIEW OF ANTICIPATED DISTRICT WATER DEMAND FOR 2018

BACKGROUND AND DISCUSSION:

Water Counsel Tim O'Laughlin will discuss the current and projected basin hydrology and OID Water Operations Manager Eric Thorburn will review the anticipated District water demand for 2018.

Talking Points to be covered include;

- Current hydrologic modeling indicates that the ninety percent (90%) exceedance forecast for the 2018 water year will yield 600,000 acre feet of water available to the Districts pursuant to the '88 Agreement. This would include: inflow to date and projected inflow April-September 2018, inclusive of formula water and the District's Conservation Account.
- The fifty percent (50%) exceedance forecast for the 2018 water year indicates there will be 600,000 acre feet of water available to the Districts pursuant to the '88 Agreement. This would include inflow to date and projected inflow April-September 2018.
- The precipitation in the Stanislaus Basin as of March 15, 2018 indicates that 120% of the average March monthly precipitation has already been met. The basin's hydrology and outlook is changing rapidly as recent storms have occurred.
- NOAA forecast for the week of March 13-20, 2018 indicates an additional 2"-4" of precipitation in the Stanislaus River Basin. This would bring the March precipitation total to over 150% of average. This indicates that the hydrology is trending away from the 90% exceedance and moving toward a lower exceedance.
- Irrigation demand in OID has been steadily dropping as land conversions and system modernization and improvement projects are implemented. Water demand in OID over the last few years has been;

Year	Allocation (af)	River Diversions (af)
2014	Partial (215,884)	201,050
2015	Partial (210,904)	167,863
2016	Full (300,000)	183,695
2017	Full (300,000)	199,347

- In-district water demand budgeted for 2018 is approximately 225,000 acre feet.
- Staff supports a surplus water declaration of 75,000 acre feet.

ATTACHMENTS:

- Steiner's 50% exceedance hydrology as of March 13th
- Steiner's 90% exceedance hydrology as of March 13th
- NOAA Rainfall One-Month Outlook
- Beardsley Precipitation - Historical

Board Comments:

BEARDSLEY PRECIPITATION (as of midnight 3/14/2018)

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	6.50				22.25 Current Year
Average	0.16	0.22	0.74	2.28	4.77	6.06	6.63	6.37	5.62	3.47	1.85	0.66	38.84
2017-18 +/-	(0.16)	(0.13)	0.70	(1.78)	2.57	(5.64)	(1.43)	(5.61)	0.88	(3.47)	(1.85)	(0.66)	(16.59)

ANNUAL AVERAGE **38.84**

INCHES +/- ANNUAL AVERAGE **(16.59)**

Stanislaus Forecast – March 13, 2018
Steiner

Stanislaus River - WY 2018 Projection (90% Exceedence Hydrology)

12-Mar-18										Goodwin Operation																													
Upstream Stanislaus					Tulloch Storage					Goodwin CVP					Info					Fish					Added					River					NM				
Stanislaus Unimpaired	Upstr Storage	Regulation	NM Inflow	211	Tulloch Storage	Goodwin OI/SSIID	Goodwin CVP	Info ZE	Fish Req - TAF	Fish Req - CFS	Minimum River - TAF	Added Rel - TAF	River Rel - TAF	River Rel - CFS	NM Storage	NM Elev (FT)																							
Beginning	17	177	34	50	62,776	20.8	0.0		51.8	842	51.8	4.4	56	913	2,024	1,054																							
Oct 2017	46	172	5	51	59,143	0.0	0.0		17.9	300	17.9	43.2	61	1,026	2,001	1,052																							
Nov	27	142	31	57	48,212	0.0	0.0		18.4	300	18.4	63.7	82	1,337	1,988	1,051																							
Dec	52	136	5	57	39,072	0.0	0.0	347	22.0	358	22.0	39.0	61	992	1,981	1,050																							
Jan 2018	21	130	6	27	36,592	8.8	8.8	Schedule	20.2	364	20.2	52.1	72	1,302	1,982	1,050																							
Feb	78	148	-18	60	48,659	34.0	0.0		12.3	200	12.3		12	200	1,920	1,044																							
Mar	45	161	-13	32	57,000	22.5	0.0		40.9	1,471	40.9		41	1,471	1,928	1,045																							
Apr 1-14	67	178	-17	50	60,500	30.4	0.0		51.6	1,625	51.6		52	1,625	1,893	1,042																							
Apr 15-30	50	198	-20	31	62,500	32.0	1.0		43.6	1,467	43.6		44	1,467	1,859	1,039																							
May 1-15	45	214	-17	28	64,800	35.0	3.0		32.7	1,031	32.7		33	1,031	1,809	1,034																							
May 16-31	40	222	-8	32	67,000	75.0	11.0		21.6	363	21.6		22	363	1,762	1,029																							
Jun	12	211	11	23	67,000	86.0	12.0		15.4	250	15.4		15	250	1,682	1,022																							
Jul	5	192	19	24	67,000	83.0	12.0		15.4	250	15.4		15	250	1,588	1,012																							
Aug	3	175	17	20	67,000	60.0	8.0		14.9	250	14.9		15	250	1,498	1,002																							
Sep					63,500	48.5	47		379	379	379		15	250	1,436	996																							
WY 2018	507	NMI = 2,220		542	Total	487.5	47		Total	379	379	Total	202	581	Total																								
April-July	259	Formula = 562														1,000 acre-feet unless noted																							

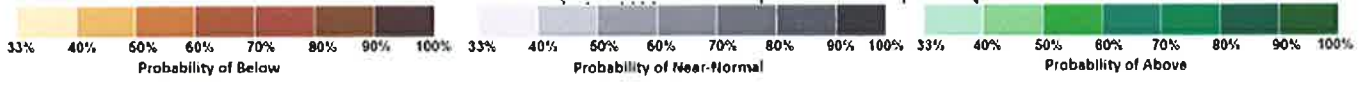
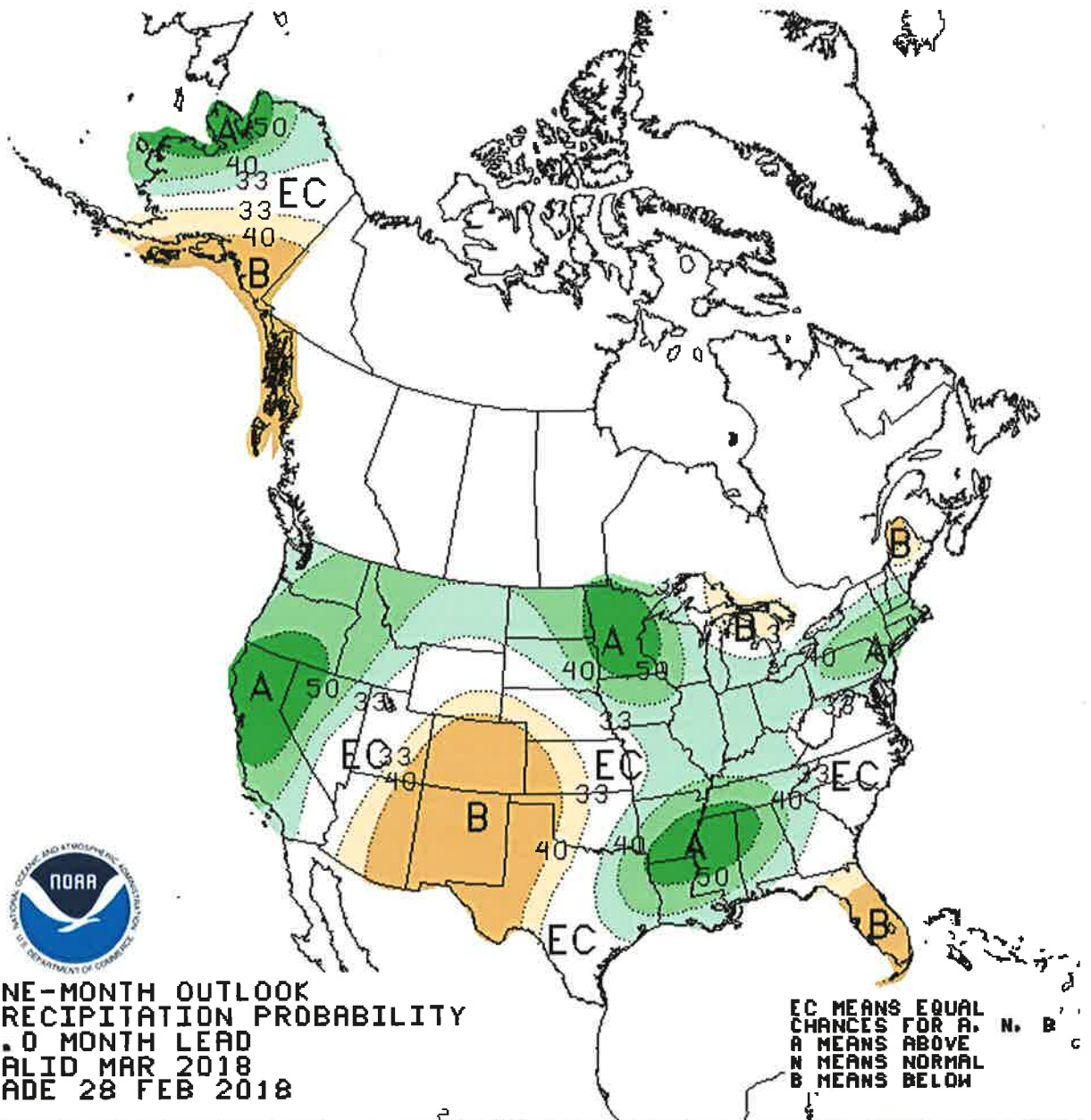
Current Allocations - SOG

0	1399	185,259	2E
1400	1999	234.15	CD
2000	2499	346.716	D
2500	2999	483.676	BN
3000 +	589,496		AN
			W

12-Mar-18	Donnells Storage	Beardsley Storage	TriDam Storage	Spicer Storage	Total Storage
Beginning	52,788	58,365	111,153	99,441	210,594
Oct 2016	37,667	50,541	88,208	88,816	177,024
Nov	34,214	49,669	83,883	88,437	172,320
Dec	16,799	44,172	60,971	80,682	141,653
Jan 2017	13,434	39,184	52,618	83,598	136,216
Feb	11,155	35,520	46,675	83,354	130,029
Mar	20,000	43,000	63,000	85,000	148,000
Apr - 1	26,000	47,000	73,000	88,000	161,000
Apr - 2	35,000	52,000	87,000	91,000	178,000
May - 1	45,000	60,000	105,000	92,500	197,500
May - 2	55,000	65,000	120,000	94,000	214,000
Jun	60,000	70,000	130,000	92,000	222,000
Jul	55,000	68,000	123,000	88,000	211,000
Aug	40,000	65,000	105,000	87,000	192,000
Sep	35,000	55,000	90,000	85,000	175,000

Stanislaus River - WY 2018 Projection (50% Exceedence Hydrology)

Upstream Stanislaus										Goodwin Operation									
12-Mar-18	Stanislaus Unimpaired	Upstr Storage	Upstr Regulation	NM Inflow	Tulloch Storage	Goodwin OID/SSIID	Goodwin CVP	Info 2E	Fish Req - TAF	Fish Req - CFS	Minimum River - TAF	Added Rel - TAF	River Rel - TAF	River Rel - CFS	NM Storage	NM Elev (FT)			
Beginning		211			62,776										2,024	1,054			
Oct 2017	17	177	34	50	59,143	20.8			51.8	842	51.8	4.4	56	913	2,001	1,052			
Nov	46	172	5	51	48,212	0.0			17.9	300	17.9	43.2	61	1,026	1,988	1,051			
Dec	27	142	31	57	39,072	0.0			18.4	300	18.4	63.7	82	1,337	1,981	1,050			
Jan 2018	52	136	5	57	36,592	0.0		347	22.0	358	22.0	39.0	61	992	1,982	1,050			
Feb	21	130	6	27	48,659	8.8		Schedule	20.2	364	20.2	52.1	72	1,302	1,920	1,044			
Mar	100	148	-18	82	57,000	34.0	0.0		12.3	200	12.3		12	200	1,950	1,047			
Apr 1-14	64	161	-13	51	60,500	22.5	0.0		40.9	1,471	40.9		41	1,471	1,934	1,046			
Apr 15-30	95	178	-17	78	62,500	30.4	0.0		51.6	1,625	51.6		52	1,625	1,928	1,045			
May 1-15	84	198	-20	64	64,800	32.0	1.0		43.6	1,467	43.6		44	1,467	1,911	1,044			
May 16-31	74	214	-17	58	67,000	35.0	3.0		32.7	1,031	32.7		33	1,031	1,894	1,042			
Jun	70	222	-8	62	67,000	75.0	11.0		21.6	363	21.6		22	363	1,844	1,037			
Jul	21	211	11	32	67,000	86.0	12.0		15.4	250	15.4		15	250	1,759	1,029			
Aug	9	192	19	28	67,000	83.0	12.0		15.4	250	15.4		15	250	1,673	1,021			
Sep	5	175	17	22	63,500	60.0	8.0		14.9	250	14.9		15	250	1,613	1,014			
	Total	684	NMI = 2,397	Total 719	Total 487.5	Total 47	Total 379	Total 379	Total 379	Approx CY 379	Total 202	Total 581	Total 581						
WY 2018	408		Formula = 600																
April-July																1,000 acre-feet unless noted			





AGENDA ITEMS ACTION CALENDAR

BOARD MEETING OF MARCH 20, 2018

BOARD AGENDA REPORT

Date: March 20, 2018
Item Number: 10
APN: N/A

SUBJECT: REVIEW AND TAKE POSSIBLE ACTION TO ADOPT RESOLUTION DECLARING SURPLUS WATER

RECOMMENDED ACTION: Adopt Resolution Declaring Surplus Water

BACKGROUND AND/OR HISTORY:

Based on information provided in the Discussion Item on current and projected hydrology and a review of OID's anticipated agricultural water demand for 2018, staff recommends the Board adopt the Resolution Declaring Surplus Water of 75,000 acre feet.

FISCAL IMPACT: None

ATTACHMENTS:

- Resolution 2018-NIL
-

Board Motion:

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

VOTE:

Orvis (Yes/No) Altieri (Yes/No) Doornenbal (Yes/No) Santos (Yes/No) DeBoer (Yes/No)

Action(s) to be taken:

**OAKDALE IRRIGATION DISTRICT
RESOLUTION NO. 2018-NIL**

**DECLARATION SURPLUS WATER
WATER CODE SECTION 22259**

WHEREAS, the Board of Directors of the Oakdale Irrigation District (District) typically makes a determination on the availability of “surplus water” for surface irrigation use outside Oakdale Irrigation District’s service area in March; and

WHEREAS, current hydrologic modeling was presented to the Board of Directors and considered by the Board of Directors in determining the availability of “surplus water.” The ninety percent (90%) exceedance forecast for the 2018 water year indicates there will be 600,000 af of water available to the Districts pursuant to the '88 Agreement. This would include: inflow to date and projected inflow April-September 2018, formula water and the District’s Conservation Account; and

WHEREAS, the fifty percent (50%) exceedance forecast for the 2018 water year indicates there will be 600,000 af of water available to the Districts pursuant to the '88 Agreement. This would include inflow to date and projected inflow April-September 2018; and

WHEREAS, the precipitation in the Stanislaus Basin as of March 15, 2018 indicates that 120% of the average March monthly precipitation has already been met; and

WHEREAS, NOAA forecast for the week of March 13-20, 2018 indicates an additional 2”-4” of precipitation in the Stanislaus River Basin. This would bring the March precipitation total to over 150% of average. This indicates that the hydrology is trending away from the 90% exceedance and moving toward a lower exceedance; and

WHEREAS, staff presented an in-district water budget for 2018 to the Board of Directors for use by the Board of Directors in determining the availability of “surplus water.” The in-district water budget forecasts 225,000 af of in-district water use in 2018; and

WHEREAS, Water Code §22259 provides that if in the best interests of a district, a district may enter into a contract for the lease or sale of any surplus water or use of surplus water not then necessary for the use within the district, for use either within or without the district; and

NOW, THEREFORE, the Board of Directors of the Oakdale Irrigation District declares “surplus water” in the amount of 75,000 af for use to out-of-district purposes as may be approved by the Board of Directors.

Upon motion of Director, seconded by Director, and duly submitted to the Board for its consideration, the above titled resolution was duly passed and adopted at the regular meeting of the Board of Directors of the Oakdale Irrigation District this twentieth day of March in the year 2018, by the following vote of the Board of Directors:

Ayes:

Noes:

Absent:

OAKDALE IRRIGATION DISTRICT

Tom Orvis, President
Board of Directors

Steve Knell, P.E.
General Manager/Secretary

BOARD AGENDA REPORT

Date: March 20, 2018
Item Number: 11
APN: N/A

SUBJECT: REVIEW AND TAKE POSSIBLE ACTION ON PROVIDING OUT-OF-DISTRICT WATER TO LOCAL AGRICULTURAL WATER USERS IN 2018

RECOMMENDED ACTION: Approve Availability of 2018 Surplus Water to Out-of-District Lands

BACKGROUND AND/OR HISTORY:

Oakdale Irrigation District (OID) typically makes a determination on the availability of "surplus" surface irrigation water in March.

Water surplus to the needs of OID's in-district constituents is made available to local Out-of-District water users. Out-of-District Service Agreements are the mechanism used to define the conditions upon which local out-of-district water is provided to these users. The approval of these annual agreements is at the total discretion of the Board of Directors.

Attached is a list of out-of-district applicants for 2018. The list represents 15 applicants of 5,773 acres of land outside OID's service area. These lands are requesting approximately 7,257 acre feet.

Based on the determination of approximately 75,000 acre feet of surplus water earlier in this agenda, OID finds it reasonable to make water available to these lands under the terms, conditions and limitations provided in the Out-of-District Service Agreements.

FISCAL IMPACT: Potential revenue of \$725,700

ATTACHMENTS:

- List of 2018 Out of District Applicants and Lands

Board Motion:

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

VOTE:

Orvis (Yes/No) Altieri (Yes/No) Doornenbal (Yes/No) Santos (Yes/No) DeBoer (Yes/No)

Action(s) to be taken:

2018 OUT-OF-DISTRICT APPLICATIONS

Applicant's Name	APN	Facility	Crop	Total Parcel Acreage	No. of Acres to be Irrigated	Date of Application	Water Requested	CEQA Coverage in 2016	Date Agreement Signed	App'd and In Storm
Aldrin, Gary - Warmerville Ranch	011-005-064/065/066/073	Paulsell Lateral	Almonds	606	600	2/27/2018	600	No		
Beard - R&B Ranch Development	002-063-048, 049, 050, 053, 054	Wills Lateral	Walnuts	300	260	1/29/2018	200	Yes		
Bekhart, Larry	001-012-015	North Main - Stockton Spill to Little Johns Creek	Walnuts	320	160	2/22/2018	480	No		
Brichetto, Louis	002-074-019/020/021/024/025/026	North Main - Stockton Spill to Little Johns Creek	Walnuts	646	430	1/17/2018	1200	Yes		
Brichetto, Louis	011-005-059/060/067 & 011-006-039 thru 048	No current connection - South Main Canal or Paulsell Lateral?	Almonds & Walnuts	1650	1400	2/21/2018	-	No		
Hoekstra, Jack - Hoekstra Dairy	010-015-024 & 024-011-003-004	Paulsell Lateral	Almonds	206	188	1/2/2018	550	No		
Hunter, Robert	002-040-006/007/017/019	South Main Canal	Pasture	10	2.9	3/8/2018	11	No		
KWM Ranches, LLC	001-012-010 & 001-012-005	North Main - Stockton Spill to Little Johns Creek	Almond	316	295	2/20/2018	600	No		
Fields, Steve (Lent Burden Farming/Steve Fields)	002-064-001 thru 015; 002-066-001 thru 016; 002-067-005 thru 007	North Main Canal	Almonds & Grapes	1360	1360	2/15/2018	1000	Yes		
Longstreth, Evan	002-053-009	North Main Canal	Walnuts	55	55	2/22/2018	150	Yes		
McPhee, Jeff	002-040-012 & 002-041-021/022	South Main Canal	Varies	155	120	1/23/2018	90	No		
Bergwerff Farms (Meltward Ranch, LLC)	002-054-011	Wyatt Lateral	Almonds & Walnuts	90	90	2/20/2018	200	No		
River Oaks	010-015-053	Paulsell Lateral	Almonds	400	400	2/8/2018	1000	Yes		
Conway, Royce	010-015-056	Paulsell Lateral	Almonds	118	112	1/2/2018	336	No		
Triple A Ranches	001-012-008 & 001-015-012	North Main - Stockton Spill to Little Johns Creek	Almonds	2008	300	2/13/2018	900	No		

8240

5,773

7,257

This color denotes Spilletta list of interested LO
 This color denotes no current connection to an OID lateral
 or potential delivery interruptions due to limited capacity of
 existing OID lateral

BOARD AGENDA REPORT

Date: March 20, 2018
Item Number: 12
APN: N/A

SUBJECT: REVIEW AND TAKE POSSIBLE ACTION TO ADOPT A RESOLUTION APPROVING AGREEMENT ESTABLISHING TERMS AND CONDITIONS FOR IRRIGATION OF LANDS OUTSIDE OAKDALE IRRIGATION DISTRICT BOUNDARIES FOR THE WATER YEAR 2018 AND AUTHORIZE THE GENERAL MANAGER TO EXECUTE THE AGREEMENTS

RECOMMENDED ACTION: Adopt Resolution and Agreement Establishing Terms and Conditions for Irrigation of Lands Outside Oakdale Irrigation District Boundaries for the Water Year 2018 and Authorize the General Manager to Execute the Agreements

BACKGROUND AND/OR HISTORY:

Based upon a Declaration of Surplus Water in 2018 and based upon the Board's approval to provide Surplus Water to Out-of-District Lands, staff recommends the adoption of the Resolution approving Agreement Establishing Terms and Conditions for Irrigation of Lands Outside OID Service Area Boundaries.

FISCAL IMPACT: None

ATTACHMENTS:

- Agreement Establishing Terms and Conditions for Irrigation of Lands Outside OID Service Area Boundaries
 - Resolution 2018-NIL
-

Board Motion:

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

VOTE:

Orvis (Yes/No) Altieri (Yes/No) Doornenbal (Yes/No) Santos (Yes/No) DeBoer (Yes/No)

Action(s) to be taken:



**AGREEMENT ESTABLISHING TERMS AND CONDITIONS
FOR IRRIGATION OF LANDS
OUTSIDE OAKDALE IRRIGATION DISTRICT BOUNDARIES**

This AGREEMENT made and entered into as of this ___ day of _____, 20___, by and between _____ (hereinafter referred to as "Applicant(s)"), and Oakdale Irrigation District ("District") using "surplus water" in 2018, an irrigation district organized and existing under and by virtue of Division Eleven of the Water Code of the State of California (hereinafter referred to as District).

The Applicant(s) has requested that "surplus water" be made available for irrigation to APN _____, located at _____, _____, CA for the 20___ irrigation season.

Terms and Conditions

1. Water for irrigation of lands outside the District's boundaries will only be made available to individual parcels that are 10 acres or larger in size, or a group of parcels under the same ownership that receive water through a single point of delivery and have a total combined parcel acreage of 10 acres or larger in size. The only exception to this requirement is APN: 010-027-007 (Orange Blossom Park).
2. Applicant(s) are the owner of the real property described above.
3. The above described property is within the District's sphere of influence.
4. This Agreement is subject to delivery of "surplus water" for the 2018 irrigation season only. The District is under no obligation in the future to enter into subsequent agreements for the irrigation of lands outside the District's boundaries.
5. The District made a determination at its March 20, 2018 Board of Directors meeting that "surplus water" was available in 2018. Resolution No. 2018-___.
6. The above described property shall demonstrate that an on-farm irrigation efficiency of seventy (70) percent or greater will be achieved. The ability to achieve this efficiency will be evaluated by the District's Water Operations Department. The burden is on the Applicant(s) to prove that a seventy (70) percent, or better, on-farm irrigation efficiency will be maintained.
7. Upon request, the Applicant(s) shall provide a plan to ensure that no agricultural tail water will leave the property. This plan will be evaluated by the District's Water Operations Department and requires the approval by the District's General Manager.

8. The use of "surplus water" shall be for agricultural purposes only and the Applicant(s) shall demonstrate that the water received is put to reasonable and beneficial uses at all times. Non-beneficial uses include water for lawns, pasture without livestock benefit, recreational ponds, and other practices as determined by the Water Operations Department. Water shall not be used directly or indirectly for any domestic, commercial or industrial purposes.
9. Should the Applicant(s) wish to be billed by volume (per acre-foot), the Applicant(s) shall be responsible for design, construction and payment for any and all facilities necessary to connect to OID's existing water supply and delivery system. Such facilities must include an OID standard delivery structure with a District approved measuring device accessible to OID employees for the receipt of water.
 - a) Applicants without a measurable delivery will be subject to the measurement options provided and made available by the OID's Water Operations Manager on a case-by-case basis for billing purposes.
10. All private facilities located within District's rights of way to take "surplus water" shall be so installed under a District Encroachment Permit.
11. Applicant(s) agree to comply with the District's Rules and Regulations for the Distribution of Water in the Oakdale Irrigation District. Non-compliance with any policy or rules of the District will result in immediate cessation of water delivery by the District.
12. Upon request, Applicant(s) must provide proof of membership in the appropriate Water Quality Coalition.
13. The District is under no obligation, either now or in the future, to furnish, construct or maintain any diversion or service structures or facilities on behalf of the above described property.
14. Applicant(s) agree to provide direct vehicle ingress and egress to the District's agents during the term of this agreement, to ensure the terms and conditions of this agreement are being met.
15. The Applicant(s), in its application, has made a request for water delivery of _____ af for the time-period from April 1, 2018 to September 30, 2018. The District has agreed to make the requested water available subject to the following conditions:
 - (a) The amount of water reserved will not be permitted to be adjusted after the April 1, 2018 time-period.
 - (b) After August 1, 2018 and subject to hydrology, water availability and a capacity to deliver, the Board may reopen the opportunity for Applicant(s) to request additional surplus water based upon on staff's recommendation to the Board.

- (c) Applicant(s) must provide a non-refundable deposit to the District for any and all water reserved at the time it is reserved. The amount of deposit will be \$100 multiplied by the water requested of _____ af for an amount of \$ _____.
 - (d) If the District is unable to deliver the amount of water requested on April 1, 2018 for whatever reason, then the Districts will refund the money to Applicant(s) for the water that was not delivered by September 30, 2018. This Agreement does not permit any use or delivery of water in October.
 - (e) If there is CEQA challenge to the delivery of out-of-district water deliveries for 2018, or any other legal, administrative or regulatory action against the out-of-district delivery, then the District will immediately cease 2018 out-of-district water deliveries. The District will refund within 30 days of the cessation of such deliveries in 2018, pursuant to a CEQA challenge, the amount due for water not delivered.
 - (f) If the Applicant(s) does not take the water requested and paid for on April 1, 2018 and made available by the Districts, for whatever reason, except force majeure, then the District shall keep the amount deposited by Applicant(s).
16. Upon termination of this agreement, the Applicant(s) agrees to pay all costs incurred with retiring those facilities that are no longer needed for water deliveries as determined by the District.
17. Applicant(s) hereby acknowledges that the District sells water as a commodity only and not as a guaranteed service, and therefore agrees to hold the District, its officers, agents, and employees free and harmless from any liability or damage, including loss of profit or prospective business advantage, which may occur, arise or result from defective water quality, water shortage, fluctuation in flow or interruptions in service.
18. This Agreement shall terminate at the conclusion of the above described irrigation season, September 30, 2018; notwithstanding any violations of this Agreement as described above.

Water Charge for Surplus Water in 2018

The Charge for the receipt of "surplus water" shall include:

1. A \$100 annual filing fee for the processing of the application.
2. \$100 an acre foot multiplied by the amount requested by Applicant _____, af for a total amount of \$_____.

OAKDALE IRRIGATION DISTRICT

Steve Knell, P.E.
General Manager/Secretary

OWNER(S)

Owner

Address:

Telephone:

**OAKDALE IRRIGATION DISTRICT
RESOLUTION NO. 2018-NIL**

**APPROVING AGREEMENT ESTABLISHING TERMS AND
CONDITIONS FOR IRRIGATION OF LANDS OUTSIDE
OF OAKDALE IRRIGATION DISTRICT BOUNDARIES FOR
THE WATER YEAR 2018 AND AUTHORIZE THE GENERAL
MANAGER TO EXECUTE THE AGREEMENTS**

WHEREAS, the Board of Directors of the Oakdale Irrigation District made a determination on the availability of "surplus water" for surface irrigation use outside Oakdale Irrigation District's service area for 2018; and

WHEREAS, staff presented an in-district water budget for 2018 to the Board of Directors for use by the Board of Directors in determining the availability of "surplus water." The in-district water budget forecasts 225,000 af of in-district water use in 2018; and

WHEREAS, the Board of Directors of the Oakdale Irrigation District declared "surplus water" in the amount of 75,000 af for use to out-of-district purposes as may be approved by the Board of Directors.

WHEREAS, the Board of Directors of the Oakdale Irrigation District approved providing out-of-district water to local agricultural water users in 2018; and

WHEREAS, the District received 15 applications for out-of-district water totaling 5,775 out-of-district acres to be irrigated, requiring 7,257 af of water; and

NOW, THEREFORE, the Board of Directors of the Oakdale Irrigation District hereby approves the Agreement Establishing Terms and Conditions for Irrigation of Lands Outside Oakdale Irrigation District for the Water Year 2018 and authorizes the General Manager to execute the agreements.

Upon motion of Director, seconded by Director, and duly submitted to the Board for its consideration, the above titled resolution was duly passed and adopted at the regular meeting of the Board of Directors of the Oakdale Irrigation District this twentieth day of March in the year 2018, by the following vote of the Board of Directors:

Ayes:
Noes:
Absent:

OAKDALE IRRIGATION DISTRICT

Thomas D. Orvis, President
Board of Directors

Steve Knell, P.E.
General Manager/Secretary

BOARD AGENDA REPORT

Date: March 20, 2018
Item Number: 13
APN: N/A

SUBJECT: REVIEW AND TAKE POSSIBLE ACTION TO APPROVE RESOLUTION FINDING THE 2018 SPRING PULSE FLOW RELEASE CATEGORICALLY EXEMPT UNDER THE CALIFORNIA ENVIRONMENTAL QUALITY ACT (CEQA)

RECOMMENDED ACTION: Approve

BACKGROUND AND/OR HISTORY:

The 2018 Spring Pulse Flow Release (Project) proposes for up to 100,000 acre-feet (AF) of water to be released at Goodwin Dam by OID and SSJID under their water rights. The water would be released by the U.S. Bureau of Reclamation (USBR) during April and May to help Reclamation meet the April-May flow objective on the San Joaquin River at Vernalis. The released water will also benefit the Department of Water Resources (DWR) and the San Luis & Delta Mendota Water Authority (SLDMWA). The water released over and above Appendix-2e flows will be diverted pursuant to WIIN Act, Section 4001. Those entities have offered to purchase the release water from OID and SSJID for each acre-foot released at Goodwin Dam in excess of the flow necessary to meet the April-May pulse flow objective under D-1641. The Project is located in Stanislaus, San Joaquin, Contra Costa, Alameda, Merced, Calaveras, and Tuolumne Counties.

Projected hydrology for the Stanislaus River Basin at both the 50% and 90% exceedance show a release schedule of 347,000 acre-feet for Appendix-2e flows for the water year of March 1, 2018 to February 28, 2019. Given these flows, Reclamation will not be able to meet the D-1641 flow objective for April and May. Current analysis shows a flow deficit of 1,500-2,000 cfs per day at Vernalis under the 50% and 90% exceedance forecast. This is with Reclamation's Appendix-2e flow release.

Projected hydrology for the Stanislaus River Basin under the 50% and 90% forecast shows that End of Month Storage September with the release ranges from 1.3 maf to 1.5 maf. The Districts have determined there will be no impact to carryover storage/cold water pool at New Melones due to the release.

This Project is categorically exempt from CEQA pursuant to Section 15301 Class 1 (i) Maintenance of Stream Flow to protect fish and wildlife resources. This Project will utilize existing public facilities for the maintenance of flows to protect fish and wildlife resources. There will be no change in operation or expansion of existing diversion and pumping facilities.

Staff recommends approving the resolution as attached finding the above Project Categorical Exempt from CEQA. It should be noted that approval of the attached resolution does not approve the project itself. Staff will be available to answer any questions that the Board may have.

FISCAL IMPACT: \$307 in County Clerk filing fees (\$57 Stanislaus County; \$50 San Joaquin County; \$50 Contra Costa County; \$50 Alameda County; \$50 Merced County; \$50 Calaveras County; \$0 Tuolumne County)

ATTACHMENTS:

- Resolution 2018-NIL
 - Notice of Exemption
-

Board Motion:

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

VOTE:

Orvis (Yes/No) Altieri (Yes/No) Doornenbal (Yes/No) Santos (Yes/No) DeBoer (Yes/No)

Action(s) to be taken:

**OAKDALE IRRIGATION DISTRICT
RESOLUTION NO. 2018- NIL**

**APPROVING A CALIFORNIA ENVIRONMENTAL QUALITY ACT
NOTICE OF EXEMPTION FOR THE
SOUTH SAN JOAQUIN AND OAKDALE IRRIGATION DISTRICTS'
2018 SPRING PULSE FLOW RELEASE PROJECT**

WHEREAS, the Oakdale Irrigation District (OID) and the South San Joaquin Irrigation District (SSJID), collectively referred to as "Districts", are California irrigation districts operating under and by virtue of Division 11 of the California Water Code; and

WHEREAS, Districts are co-owners of certain water rights on the Stanislaus River, including pre-1914 appropriative rights to divert water from the Stanislaus River for irrigation of the lands within the Districts, and various post-1914 appropriative rights to store Stanislaus River water in various reservoirs for diversion to irrigate lands within the Districts, as well as to generate electrical power; and

WHEREAS, the San Luis & Delta Mendota Water Authority (SLDMWA) is a California joint power authority operating under and by virtue of Section 6500, et seq., of the California Government Code; and

WHEREAS, SLDMWA's member units are 28 water agencies representing approximately 2,100,000 acres of land within the western San Joaquin Valley, San Benito and Santa Clara Counties that receive water from the federal Central Valley Project (CVP) under water service or exchange contracts; and

WHEREAS, the California Department of Water Resources (DWR) owns, operates and maintains water collection, storage, conveyance and delivery facilities, including but not limited to the State Water Project (SWP), and delivers water to its water service contractors located throughout California; and

WHEREAS, the State Water Resources Control Board (SWRCB) Order D-1641 requires, USBR makes releases from New Melones Reservoir to meet the April-May flow objective at Vernalis; and

WHEREAS, the Districts, will release up to 100,000 af of water from Goodwin Dam, over, above and in excess of the quantities released by the USBR necessary to satisfy the USBR's obligations under Appendix 2-E; and

WHEREAS, such operations in the Delta will be conducted consistent with D-1641 and applicable Biological Opinions; and

WHEREAS, the Districts' release of supplemental flow in April and May will improve instream flow conditions for migratory fish in the Stanislaus and San Joaquin River and will have an incidental effect of improving water quality and water supply conditions in the Delta that can benefit CVP and SWP operations; and

WHEREAS, projected hydrology for the Stanislaus River Basin at both the 50% and 90% exceedance show a release schedule of 347,000 acre-feet for Appendix-2e flows for the water year of March 1, 2018 to February 28, 2019. Given these flows, Reclamation will not be able to meet the D-1641 flow objective for April and May. Current analysis shows a flow deficit of 1,500-2,000 cfs per day at Vernalis under the 50% and 90% exceedance forecast. This is with Reclamation's Appendix-2e flow release.

Projected hydrology for the Stanislaus River Basin under the 50% and 90% forecast shows that End of Month Storage September with the release ranges from 1.3 maf to 1.5 maf. The Districts have determined there will be no impact to carryover storage/cold water pool at New Melones due to the release; and

WHEREAS, the proposed Project would utilize existing water conveyance infrastructure and no construction would take place; and

WHEREAS, the proposed Project has been determined by the Board of Directors to be categorically exempt from the California Environmental Quality Act (CEQA) under 14 Cal. Code of Regulations, Section 15301 Class 1(i) Maintenance of Stream Flow to protect fish and wildlife resources; and

WHEREAS, Goodwin Dam is located in Tuolumne and Calaveras Counties; OID is located in Stanislaus and San Joaquin Counties; SSJID is located in San Joaquin County; and the DWR and SLDMWA facilities are located in Contra Costa, Alameda, San Joaquin, Stanislaus and Merced Counties

WHEREAS, OID is the custodian of the documents or other material which constitute the record of proceedings upon which the Board's decision is based, and the District office is the location of this record; and

NOW THEREFORE, BE IT RESOLVED, by this Board of Directors that:

1. The foregoing recitals are true and correct.
2. The proposed Project has been determined to be categorically exempt from CEQA under 14 Cal. Code of Regulations, Section 15301 Class 1(i) Maintenance of Stream Flow to protect fish and wildlife resources.
3. A Notice of Exemption is approved (and is on file with the District's records).
4. The District's Staff is authorized and directed to file a Notice of Exemption at the Clerk's Office (or other authorized place) of Stanislaus, San Joaquin, Contra Costa, Alameda, Merced, Calaveras and Tuolumne Counties and in the manner prescribed by the CEQA.

Upon motion of Director _____, seconded by Director _____, and duly submitted to the Board for its consideration the above titled resolution was adopted this twentieth day of March in the year 2018, by the following vote of the Board of Directors:

Ayes:

Noes:

Absent:

OAKDALE IRRIGATION DISTRICT

Thomas D. Orvis, President
Board of Directors

Steve Knell, P.E.,
General Manager/Secretary



**SOUTH SAN JOAQUIN
IRRIGATION DISTRICT**

SPACE ABOVE RESERVED FOR CLERK'S/OPR USE

From:

Oakdale Irrigation District
1205 East F Street
Oakdale, CA 95361

South San Joaquin Irrigation District
11011 E. Highway 120
Manteca, CA 95336

Lead Agency Contact Person:
Steve Knell, P.E., General Manager
Oakdale Irrigation District
Telephone (209) 847-0341
Email: sknell@oakdaleirrigation.com

To:

County Clerk
County of Stanislaus
1021 "I" Street, Suite 101
Modesto, CA 95354-0847

County Clerk
County of Calaveras
891 Mountain Ranch Road
San Andreas, CA 95249

County Clerk
County of Merced
2222 M. Street, Main Floor
Merced, CA 95340

County Clerk
County of San Joaquin
44 N. San Joaquin Street, Suite 260
Stockton, CA 95202

County Clerk
County of Tuolumne
#2 South Green Street
Sonora, CA 95370

County Clerk
County of Alameda
1106 Madison Street
Oakland, CA 94607

County Clerk
County of Contra Costa
555 Escobar Street
Martinez, CA 95443

California Environmental Quality Act (CEQA)

NOTICE OF EXEMPTION

Title: 2018 Spring Pulse Flow Release

Project Location: From the Stanislaus River at Goodwin Dam to the Jones and Banks Pumping Plants, and ultimately to the San Luis Reservoir; located in Stanislaus, San Joaquin, Calaveras, Tuolumne, Alameda, Contra Costa, and Merced Counties.

Project Description:

Oakdale Irrigation District (OID) and South San Joaquin Irrigation District (SSJID) will provide up to 100,000 acre-feet of water to augment water releases made by the USBR to benefit migratory fish on the Stanislaus and San Joaquin Rivers. The releases will occur at Goodwin Dam during April and May, and will be coordinated with the USBR's releases to assist Reclamation in meeting its legal obligations for the April-May pulse flow in D-1641. The USBR will be responsible for determining the flow rate and schedule of the release, upon concurrence with the NMFS. The San Luis & Delta Mendota Water Authority (SLDMWA) and the Department of Water Resources (DWR) will pay OID and SSJID for every acre-foot in

excess of the flow released by the USBR at Goodwin Dam for the Spring pulse flow, up to a maximum of 100,000 acre-feet. There will be no reservoir refill criteria.

Current Hydrology:

Projected hydrology for the Stanislaus River Basin at both the 50% and 90% exceedance show a release schedule of 347,000 acre-feet for Appendix-2e flows for the water year of March 1, 2018 to February 28, 2019. Given these flows, Reclamation will not be able to meet the D-1641 flow objective for April and May. Current analysis shows a flow deficit of 1,500-2,000 cfs per day at Vernalis under the 50% and 90% exceedance forecast. This is with Reclamation's Appendix-2e flow release.

Projected hydrology for the Stanislaus River Basin under the 50% and 90% forecast shows that End of Month Storage September with the release ranges from 1.3 maf to 1.5 maf. The Districts have determined there will be no impact to carryover storage/cold water pool at New Melones due to the release.

Project Purpose:

The releases are for the purpose of improving flow on the Stanislaus and San Joaquin Rivers to benefit migratory fish. Pursuant to the State Water Resources Control Board's (SWRCB) Decision 1641 (D-1641), the USBR is responsible for meeting the April-May flow objective flows at Vernalis. The NMFS 2009 Biological Opinion (BiOp) establishes the Spring "pulse flow" identified in the Stanislaus River Minimum Fish Flow Schedule for the purpose of protecting migratory fish in the lower San Joaquin River and Delta, particularly fall-run Chinook salmon and Central Valley steelhead. (BiOp, p. 641-645). The USBR's releases of the water provided by OID and SSJID will supplement flows in the Stanislaus and San Joaquin Rivers to improve instream flow conditions for migratory fish during April and May 2018. The released water will be diverted by the DWR and SLDMWA pursuant to WIIN Act, Section 4001. This water will help those entities offset the severe allocation reductions they have received this year.

Project Proponents: Oakdale Irrigation District and South San Joaquin Irrigation District.

Project Beneficiaries: OID, SSJID, USBR, DWR, SLDMWA.

Name of Public Agency Approving Project: Oakdale Irrigation District and South San Joaquin Irrigation District.

Exempt Status: Categorical Exemption (14 Cal. Code of Regulations, Sec. 15301 Class 1(i) Maintenance of Stream Flow to protect fish and wildlife resources).

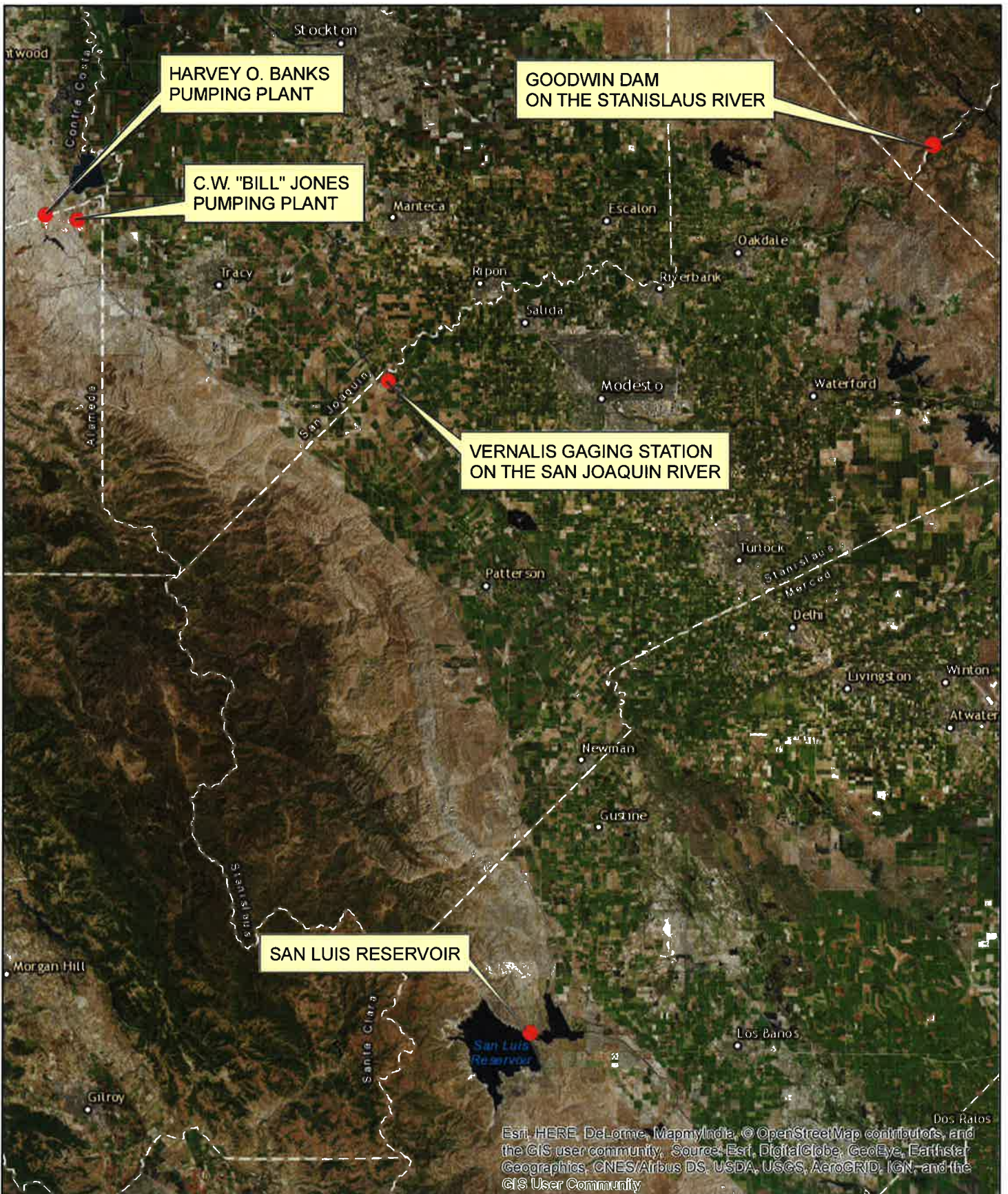
Reasons Why Project is Exempt: The project utilizes existing public facilities for the maintenance of flows to protect fish and wildlife resources. There will be no change in operation or expansion of existing diversion and pumping facilities.

Dated: _____

Steve Knell, P.E., General Manager
OAKDALE IRRIGATION DISTRICT

Dated: _____

Peter M. Rietkerk, P.E., General Manager
SOUTH SAN JOAQUIN IRRIGATION DISTRICT



DRAWN BY: ECS
 CHECKED BY: SRK
 DATE: 3/13/18
 SHEET: 1 OF 1

**PROJECT SITE MAP
 OID & SSJID
 2018 SPRING PULSE FLOW RELEASE**



BOARD AGENDA REPORT

Date: March 20, 2018
Item Number: 14
APN: N/A

SUBJECT: REVIEW AND TAKE POSSIBLE ACTION TO ADOPT RESOLUTION APPROVING AGREEMENT FOR RELEASE OF WATER AND AUTHORIZING THE GENERAL MANAGER TO EXECUTE AGREEMENT FOR RELEASE OF WATER BY AND AMONG THE OAKDALE IRRIGATION DISTRICT, THE SOUTH SAN JOAQUIN IRRIGATION DISTRICT, THE SAN LUIS & DELTA-MENDOTA WATER AUTHORITY, AND THE CALIFORNIA DEPARTMENT OF WATER RESOURCES

RECOMMENDED ACTION: Adopt Resolution Approving Agreement for Release of Water and Authorizing the General Manager to Execute the Agreement

BACKGROUND AND/OR HISTORY:

Based upon the current hydrologic expectations of reaching a full, or near full allocation for the 2018 water season a Declaration of Surplus Water was adopted by the Board for approximately 75,000 acre feet.

OID has received 15 applications for out-of-district water totaling 7,257 acre feet and has approved the delivery of said water to said lands under an Agreement Establishing Terms and Conditions for Irrigation of Lands Outside OID Service Area Boundaries.

After meeting all in-district needs, all local out-of-district needs, OID's remaining surplus water supply stands in excess of 65,000 acre feet. To put this remaining water to maximum beneficial use staff recommends the release of this water to the San Luis Delta-Mendota Water Authority and the California Department of Water Resources. This water will not only provide reasonable and beneficial uses to agriculture on the west side of the San Joaquin Valley it will also assist in meeting the legal obligation of D-1641 to meet the Spring pulse flow; help meet and protect the beneficial use as designated by the State Water Board in the 1995 Water Quality Control Plan and meet the policy objective of Congress in having additional flows to the Delta paid for and be exportable pursuant to Section 4001 on the WIIN Act.

The importance of water sales to OID and its constituents cannot be stated enough. Included in the attachments is the Financial Trend Data from the 2016 Audit. As can be clearly seen, water sales are the second biggest component of OID's Operating and Non-operating revenue income. On average, over the past 10 year history presented in the data, OID generated \$4.8 million a year in water sale revenues to fund the OID budget. That revenue represents 27% of OID's annual income. Without this income, water rates in OID would be raised \$4.8 million or to \$24 per acre foot to replace this revenue stream if it did not exist.

Staff recommends adoption of the Resolution approving the Agreement and authorizing the General Manager to execute the Agreement.

FISCAL IMPACT: Revenue income of \$10,000,000

ATTACHMENTS:

- Agreement for Release of Water
 - Resolution 2018-NIL
 - Financial Trend Data
 - Anthea Hansen, GM DPWD email
-

Board Motion:

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

VOTE:

Orvis (Yes/No) Altieri (Yes/No) Doornenbal (Yes/No) Santos (Yes/No) DeBoer (Yes/No)

Action(s) to be taken:

**AGREEMENT FOR RELEASE OF WATER BY AND AMONG THE
OAKDALE IRRIGATION DISTRICT, THE SOUTH SAN JOAQUIN
IRRIGATION DISTRICT, THE SAN LUIS & DELTA-MENDOTA WATER
AUTHORITY, AND THE CALIFORNIA DEPARTMENT OF WATER
RESOURCES**

SWPAO # _____

This Agreement is entered into this ____ day of _____, 2018, by and among the Oakdale Irrigation District (OID), the South San Joaquin Irrigation District (SSJID), (collectively, the “Districts”), the San Luis & Delta-Mendota Water Authority (SLDMWA), and the Department of Water Resources (DWR) of the State of California.

RECITALS

WHEREAS, Districts are California irrigation districts operating under and by virtue of Division 11 of the California Water Code; and

WHEREAS, DWR owns, operates and maintains water collection, storage, conveyance and delivery facilities, including but not limited to the State Water Project (SWP), and delivers water to 29 water service contractors located throughout California; and

WHEREAS, the SLDMWA is a California joint power authority operating under and by virtue of Section 6500, et seq., of the California Government Code; and

WHEREAS, the SLDMWA is comprised of 28 member agencies representing approximately 2,100,000 acres of land within the western San Joaquin Valley, San Benito and Santa Clara Counties; and

WHEREAS, 26 of the SLDMWA’s 28 member agencies receive water from the federal Central Valley Project (“CVP”) under water service or exchange contracts; and

WHEREAS, Districts are co-owners of certain water rights on the Stanislaus River, including pre-1914 appropriative rights to divert water from the Stanislaus River, and various post-1914 appropriative rights to store water from the Stanislaus River in various reservoirs; and

WHEREAS, DWR’s current forecast for the San Joaquin Valley Water Supply Index is dry with runoff, precipitation, and snowpack to be below average; and

WHEREAS, the CVP south of the Delta Ag Service Contractors have not yet received an allocation and the State Water Project Contractors (“SWPC”) will receive at least a 20% allocation

NOW, THEREFORE, the Districts, SLDMWA, and DWR, on the terms and conditions herein set forth, agree as follows:

AGREEMENT

1. **DEFINITIONS:** The following definitions shall govern this Agreement:

(a) “Parties” means the Districts, SLDMWA, and DWR.

(b) “Delivery” means Districts’ water made available to the United States Bureau of Reclamation (“USBR”) in Goodwin Dam in April and May 2018. USBR will then release the water at Goodwin Dam on the schedule developed pursuant to Paragraph 13 of this Agreement. This definition is intended to include the grammatical variations of the term “delivery” including “deliver” and “delivered,” where such term references water.

2. **TERM:** This Agreement shall become effective upon execution by all parties and shall terminate on December 31, 2018 or upon final payment by SLDMWA and DWR of all costs attributable to this Agreement, whichever occurs later.

3. **WATER AVAILABLE FOR PURCHASE:** Pursuant to this Agreement:

(a) Upon the request by the United States Bureau of Reclamation (“USBR”) and DWR, the Districts agree to make available the water available at Goodwin Dam in the April-May time period in the amount up to 100,000 acre-feet of water to assist the USBR in meeting the April-May pulse flow objective under D-1641. No water shall be released under this Agreement and DWR and SLDMWA shall not be obligated to pay for any flows released unless the release of water, as provided under this Agreement, has been requested by USBR, and the contacts for DWR and SLDMWA listed in Paragraph 22, Notices, have approved both the release and Delivery of this water.

(b) The water made available for Delivery will be released by USBR in accordance with the requirements set forth in Paragraph 13. The benefits of water released will be made available to USBR and DWR and will be shared equally 50/50 pursuant to a separate operations agreement between DWR and USBR. CVP water made available to USBR as a result of the Delivery shall be delivered to the SLDMWA member agencies.

4. COMPLIANCE WITH APPLICABLE LAWS AND OBTAINING APPROVALS:

(a) The Districts in making the water available as described in Paragraph 3 shall comply with all applicable laws and regulations, including but not limited to the California Environmental Quality Act (CEQA), California Endangered Species Act (CESA) and the Federal Endangered Species Act (FESA), to secure any required consents, permits, reports, and orders, and shall provide DWR with copies of the same prior to providing the Delivery under this Agreement.

(b) The Districts have determined the Delivery is categorically exempt from the California Environmental Quality Act because it will result in the provision of

supplemental instream fishery flows pursuant to 14 California Code of Regulations Section 15301(i) and in the ongoing operation of the existing system without change in operation or expansion of use pursuant to 14 California Code of Regulations, section 15301 (Class 1).

(c) Districts shall be responsible for obtaining any approval from any relevant government entities that Districts determine in their discretion is necessary for providing the Delivery. The Districts shall email to DWR any submissions related to this Agreement that the Districts make with any government entity.

(d) SLDMWA has determined the Delivery is categorically exempt from the California Environmental Quality Act because it will result in the provision of supplemental instream fishery flows pursuant to 14 California Code of Regulations Section 15301(i) and in the ongoing operation of the existing system without change in operation or expansion of use pursuant to 14 California Code of Regulations, section 15301 (Class 1).

(e) Upon execution by all Parties of this Agreement, DWR will file a Notice of Exemption based on CEQA Guidelines Section 15301 (Existing Facilities) with the State Clearinghouse.

(f) If any of the Parties is required to pay a fine or civil penalty for any of its actions related to this Agreement, then that Party alone shall be responsible for paying the fine or penalty.

5. **PURCHASE PRICE:** SLDMWA and DWR agree to pay to the Districts two hundred dollars (\$200) per acre foot for up to 100,000 acre-feet of water delivered.

6. **WATER QUALITY:** The Districts make no warranty or representations as to the quality or fitness for use of the Delivery.

7. **WATER MEASUREMENT AND DELIVERY:** DWR and SLDMWA shall pay the Districts to provide up to 100,000 acre-feet to USBR in New Melones Reservoir. The payment shall be based on the actual flows released by USBR from Goodwin Dam in excess of the flow necessary to meet the April-May “pulse flow” per Appendix 2-E of the June 2009 National Marine Fishery Service Biological Opinion on the long-term operations of the Central Valley Project and the State Water Project. For the purposes of this Agreement the “pulse flow” volume for which Districts will be paid in accordance with Paragraph 5 will be measured as the Goodwin release exceeding the base flow called for in Appendix 2-E. Through concurrence with NMFS, the timing of the pulse flow period may be shifted. Delivery released from Goodwin Dam shall be measured on a daily basis by USBR at the Goodwin Gauge and confirmed by USBR and DWR. The Districts and SLDMWA acknowledge that USBR shall be responsible for determining the flow and schedule of the Delivery and that DWR shall be responsible for verifying the flow and schedule of the Delivery.

8. **WATER INFRASTRUCTURE FOR IMPROVEMENTS TO THE NATION (WIIN ACT):** The purpose of this sale is to assist USBR in meeting the 31-day April - May flow objectives in the 2006 SWB Water Quality Control Plan for the Bay-Delta. (Section 4001 b.(7)). This sale will result in flow that is in addition to flow that otherwise would occur in the absence of the voluntary sale. (Section 4001b.(7)(c).) It is the parties' expectations that pursuant to Section 4001 (b)(7) of the WIIN Act that the water made available under this agreement shall be subject to an inflow to export ratio of 1:1.

9. **PAYMENT:**

(a) Districts shall invoice SLDMWA and DWR each 50% of the cost for the Delivery up to a total of 100,000 acre-feet provided at the price identified in Paragraph 5 above after USBR and DWR have confirmed the amount of water released by USBR from Goodwin Dam in accordance with Paragraph 7.

(b) SLDMWA shall pay within 60 days of receipt of the invoice.

(c) Districts shall submit (1) an original of each invoice to DWR contact listed in Paragraph 22, Notices, and (2) a copy of each invoice to DWR Accounting Office, Contracts Payable Unit, P. O. Box 942836, Sacramento, California, 94236-0001. DWR shall pay undisputed invoices within 45 days of the date received by the State Water Project Analysis Office, pursuant to the Prompt Payment Act as specified in Government Code, Chapter 4.5 (commencing with Section 927).

10. **INTEREST:** SLDMWA shall pay the Districts interest at the annual interest rate of ten percent on any charges that remain unpaid 60 days beyond the due date. DWR shall pay the Districts late payment penalties in accordance with the Prompt Payment Act.

11. **DISTRICT LIMITING CONDITIONS:** The Districts' obligations to make available the quantity of water specified in Paragraph 3 of this Agreement will, at all times, be subject and subordinate to the following conditions:

- (a) The terms and conditions of their water rights as they currently exist;
- (b) The 1988 Agreement and Stipulation with USBR (the "1988 Agreement");
- (c) The Tulloch Enhancement Agreement with PG&E, as it now exists and as modified from time to time;
- (d) The Goodwin Agreement, as it now exists and as modified from time to time;
- (e) The terms and conditions of Federal Energy Regulatory Commission licenses, as they now exist, and as they may be amended and/or renewed upon relicensing including, but not limited to, those held for Tulloch and Goodwin Dams;

(f) The rights of landowners, within the boundaries of OID or SSJID as of the delivery of water purchased pursuant to this Agreement hereunder, to the beneficial use of their respective District's water;

(g) Applicable federal and state laws now in existence and as modified from time to time, affecting the Districts' rights or obligations, and

(h) The rights of the cities of Lathrop, Manteca, Escalon and Tracy pursuant to each city's Water Supply Development Agreement with SSJID.

The conditions described in (a)-(h), inclusive, above, are collectively referred to as the District Limiting Conditions. Nothing in this Agreement shall be construed so as to contradict, conflict with or otherwise be contrary to the provisions of any of the District Limiting Conditions; and in the event of any conflict between any of the District Limiting Conditions and this Agreement, the District Limiting Condition(s) shall control, and Districts shall not be deemed to be in violation of this Agreement by any modifications of the Agreement, including reduced supply for SLDMWA and DWR, required to ensure compliance with any of the District Limiting Conditions.

12. **USBR LIMITING CONDITION:** The obligations of Districts to Deliver water to USBR at Goodwin Dam, and of SLDMWA and DWR to pay for Delivery are at all times subject to the USBR's approval of this Agreement and for the use of USBR's facilities as may be necessary for the Districts to make the Delivery. If the Districts do not obtain this approval, this Agreement shall automatically terminate and SLDMWA and DWR shall have no obligations.

13. **SLDMWA and DWR LIMITING CONDITION:** The obligations of SLDMWA and DWR to pay for Delivery is subject to DWR and USBR operating at a time when either (1) Action IV.2.1 (San Joaquin River Inflow to Export Ratio) from the Reasonable and Prudent Alternative in the NMFS Biological Opinion for Continued Operations of the CVP and SWP requires USBR and DWR to implement a Vernalis flow-to combined CVP and SWP pumping ratio of 1:1 ("1:1 ratio"), or (2) pursuant to Section 4001 (b)(7) of the WIIN Act, the water made available pursuant to this Agreement is subject to a 1:1 ratio. If DWR and USBR are unable to pump additional SWP or CVP water made available at Banks Pumping Plant or Jones Pumping Plant as a result of the Delivery, respectively, with or at a 1:1 ratio, the Parties may attempt to reschedule the Delivery within the Pulse Flow Period, or as an alternative, any Party may elect to terminate this Agreement by providing Notice to the other Parties consistent with Paragraph 21. If this Agreement is terminated, SLDMWA and DWR shall only be obligated to pay Districts for the quantity of water Districts released pursuant to Paragraph 7 prior to the Agreement terminating.

14. **DELIVERY:**

(a) Consistent with this Agreement and specifically Paragraph 7, the Districts will make the Delivery available at Goodwin Dam on a schedule developed by the Districts, USBR, DWR, the State Water Board, and National Marine Fisheries Service. The two

goals of the Delivery are to assist USBR in meeting the April-May pulse flow and to have additional SWP and CVP water made available at Banks Pumping Plant and Jones Pumping Plant as a result of the Delivery at a time when either (1) Action IV.2.1 (San Joaquin River Inflow to Export Ratio) from the Reasonable and Prudent Alternative in the NMFS Biological Opinion for Continued Operations of the CVP and SWP requires USBR and DWR to implement a Vernalis flow-to-combined CVP and SWP pumping at the 1:1 ratio or (2) pursuant to Section 4001 (b)(7) of the WIIN Act, the water made available pursuant to this Agreement is subject to a 1:1 ratio.

(b) No subsequent changes to the schedule, regulatory conditions or other intervening matters, including litigation and stream adjudication brought by third parties, or actions of any state or federal agency exercising jurisdiction or claiming an interest and/or right to reduce and/or modify operations and/or quantities of water otherwise available to the Districts; diversions outside the control of Districts which may hereafter be authorized for others from the North, Middle or South Forks of the Stanislaus River, and any action, legislation, ruling or determination adverse to the Districts affecting the Agreement and beyond the reasonable control of the Districts shall modify the obligations of the Parties with respect to water so delivered.

15. WATER SUPPLY REDUCTIONS: The Districts may reduce the Delivery for any of the following reasons: the District Limiting Conditions; failure of facilities; intervening acts, including litigation and stream adjudication brought by third parties, or actions of any state or federal agency exercising jurisdiction or claiming an interest and/or right to reduce and/or modify operations and/or quantities of water otherwise available to the Districts; diversions outside the control of Districts which may hereafter be authorized for others from the North, Middle or South Forks of the Stanislaus River, and any action, legislation, ruling or determination adverse to the Districts affecting the Agreement and beyond the reasonable control of the Districts. Districts shall make good faith efforts to avoid such reductions, but SLDMWA and DWR agree that Districts shall not be liable for reductions of supply in this Agreement due to such causes. SLDMWA and DWR shall have no obligation to pay for water not Delivered because of a reduction caused by factors listed in this Paragraph.

16. APPROVALS AND COSTS: SLDMWA and DWR are solely responsible for any costs associated with the USBR release of Delivery from New Melones Reservoir. This Paragraph survives termination or expiration of this Agreement.

17. LITIGATION COSTS: Districts agree to defend their own interests in any litigation or regulatory action challenging the validity of Districts' water rights. The Parties shall each defend their own interests in litigation or regulatory action involving this Agreement, including environmental compliance and purchase of the Delivery. All Parties agree to reasonably cooperate with each other in the defense of any litigation that may be filed as a result of this Agreement. This Paragraph survives termination of this Agreement.

18. **EXPENSES**: Districts shall be responsible for all expenses, including but not limited to legal, environmental, engineering consultant's fees, expenses incurred to obtain any and all necessary approvals and to satisfy all environmental requirements, including CEQA and/or NEPA, required to effectuate the Agreement, and to defend against any litigation challenging the Agreement or the approvals, water rights or environmental reviews associated with the Agreement. This Paragraph survives termination of this Agreement.

19. **COOPERATION**: To the extent reasonably required, each Party to this Agreement shall, in good faith, assist the other in obtaining all such necessary approvals and preparation of required environmental documents. The Parties agree to cooperate and assist each other in good faith in meeting such requirements of regulatory agencies as may be applicable to performance of any terms of the Agreement.

20. **WAIVER OR RIGHTS**: Any waiver, at any time, by any Party of its rights with respect to a breach or default, or any other matter arising in connection with this Agreement, shall not be deemed to be a waiver with respect to any other breach, default or matter.

21. **ASSIGNMENT**: No party may assign its rights or obligations under this Agreement, in whole or in part, without prior written consent of all Parties hereto. Any attempted assignment of this Agreement, in whole or in part, without the prior written consent of all Parties hereto is void.

22. **TERMINATION**: Any party may elect to terminate this Agreement upon Notice to the Parties by electronic mail consistent with Paragraph 22. That party providing the termination shall provide the other parties with the specific grounds on which it wishes to terminate the agreement. Termination of this Agreement is effective immediately upon actual electronic mail receipt of Notice by the Parties.

23. **NOTICES**: All notices that are required, either expressly or by implication, to be given by any Party to the other under this Agreement shall be signed for by Districts and SLDMWA and DWR by such officers as they may, from time, authorize in writing to so act.

Any notices to Parties required by this Agreement shall be hand-delivered or mailed, United States first-class postage prepaid, or electronic mail followed by written notice sent by U.S. mail and addressed as follows:

OAKDALE IRRIGATION DISTRICT

Steve Knell, General Manager/Secretary
Oakdale Irrigation District
1205 East "F" Street
Oakdale, CA 95361
Email: srknell@oakdaleirrigation.com
Phone: (209) 847-0341

SOUTH SAN JOAQUIN IRRIGATION DISTRICT

Peter Rietkerk, General Manager
South San Joaquin Irrigation District
11011 East Highway 120
Manteca, CA 95336
Email: prietkerk@ssjid.com
Phone: (209) 249-4645

SAN LUIS & DELTA-MENDOTA WATER AUTHORITY

Jon Rubin, Acting Executive Director
P.O. Box 2157
Los Banos, CA 95635
Email: jon.rubin@sldmwa.org
Phone: 209-826-9696

CALIFORNIA DEPARTMENT OF WATER RESOURCES

Chief, State Water Project Analysis Office
c/o Anna Fock
Department of Water Resources
P.O. Box 942836
Sacramento, CA 94236-0001
Email: Anna.Fock@water.ca.gov
Phone: 916-653-0190

Notice shall be deemed given (a) two (2) calendar days following mailing via regular or certified mail, return receipt requested, (b) one (1) business day after deposit with any one-day delivery service assuring “next day” delivery, (c) upon actual receipt of notice, or (d) upon transmission, if by facsimile, whichever is earlier. The Parties shall promptly give written notice to each other of any change of address, and mailing or shipment to the addresses stated herein shall be deemed sufficient unless written notification of a change of address has been received.

24. **APPROVALS:** Where the terms of this Agreement provide for action to be based upon a judgment, approval, review or determination of any Party, such terms are not intended to be and shall never be construed as permitting such opinion, judgment, approval, review, or determination to be arbitrary, capricious or unreasonable.

25. **DISPUTE RESOLUTION:** In the event of any dispute regarding interpretation or implementation of this Agreement, the Director of DWR and authorized representatives from the Districts and SLDMWA shall endeavor to resolve the dispute by meeting within 30 days after the request of a Party. If the dispute is unresolved, the Parties shall use the services of a mutually acceptable consultant in an effort to resolve the dispute. Parties involved in the dispute shall share the fees and expenses of the consultant equally. If a consultant cannot be agreed upon, or if the consultant's recommendations are not acceptable to the Parties, and unless the Parties otherwise agree, the matter may be resolved by litigation and any Party may, at its option, pursue any available legal remedy including, but not limited to, injunctive and other equitable relief.

26. **OTHER AGREEMENTS**: Nothing contained herein restricts the Districts from providing water services and sales to others as authorized by law which do not unreasonably interfere with Districts' obligation hereunder.

27. **ENTIRE AGREEMENT**: This Agreement constitutes the entire Agreement between the Districts, SLDMWA and DWR, and supersedes any oral agreement, statement or promise between them relating to the subject matter of the Agreement. Any amendment, including oral modifications, must be reduced to writing and signed by all Parties to be effective.

28. **UNIQUENESS OF AGREEMENT**: This Agreement is unique because of the dry year conditions and shall not be considered to set a precedent for future agreements or DWR activities.

29. **COUNTERPARTS**: This Agreement may be executed in two or more counterparts, each of which shall be deemed an original, but all of which together shall constitute one and the same instrument. This Agreement shall not be effective until the execution and delivery between each of the Parties of at least one set of counterparts. The Parties authorize each other to detach and combine original signature pages and consolidate them into a single identical original. Any one of such completely executed counterparts shall be sufficient proof of this Agreement.

30. **SIGNATURE CLAUSE**:

(a) The signatories represent that they have appropriate authorization to enter into this Agreement on behalf of the Party for whom they sign.

(b) If required by internal governing rules of OID, SSJID, or SLDMWA, that Party as appropriate, shall deliver to DWR a copy of the Board of Directors resolution and/or other documentation authorizing that Party to enter into this Agreement.

31. **GENERAL INTERPRETATION**: The terms of this Agreement have been negotiated by the Parties hereto and the language used in this Agreement shall be deemed to be the language chosen by the Parties hereto to express their mutual intent. This Agreement shall be construed without regard to any presumption or rule requiring construction against the Party causing such instrument or any portion thereof to be drafted, or in favor of the Party receiving a particular benefit under the Agreement. No rule of strict construction will be applied against any Party.

IN WITNESS WHEREOF, the Parties have executed this Agreement effective as of the date first above written.

PARTIES:

SAN LUIS & DELTA-MENDOTA WATER AUTHORITY

By: _____
Jon Rubin, Acting Executive Director

Date _____

CALIFORNIA DEPARTMENT OF WATER RESOURCES

By: _____
, Deputy Director

Date _____

OAKDALE IRRIGATION DISTRICT

By: _____
Steve R. Knell, General Manager

Date _____

SOUTH SAN JOAQUIN IRRIGATION DISTRICT

By: _____
Peter Rietkerk, General Manager

Date _____

**OAKDALE IRRIGATION DISTRICT
RESOLUTION NO. 2018-NIL**

**RESOLUTION APPROVING AGREEMENT FOR RELEASE
OF WATER AND AUTHORIZING GENERAL MANAGER TO
EXECUTE AN AGREEMENT FOR RELEASE OF WATER BY AND
AMONG THE OAKDALE IRRIGATION DISTRICT, THE SOUTH SAN JOAQUIN
IRRIGATION DISTRICT, THE SAN LUIS & DELTA-MENDOTA WATER
AUTHORITY, AND THE CALIFORNIA DEPARTMENT OF WATER RESOURCES**

WHEREAS, the Oakdale Irrigation District and the South San Joaquin Irrigation District (collectively, the "Districts") are California irrigation districts operating under and by virtue of Division 1 of the California Water Code; and

WHEREAS, the Department of Water Resources ("DWR") owns, operates and maintains water collection, storage, conveyance and delivery facilities, including but not limited to the State Water Project (SWP) and delivers water to 29 water service contractors located throughout California; and

WHEREAS, the San Luis & Delta-Mendota Water Authority is a California joint power authority operating under and by virtue of Section 6500, et seq., of the California Government Code; and

WHEREAS, Districts are co-owners of certain water rights on the Stanislaus River, including pre-1914 appropriative rights to divert water from the Stanislaus River, and various post-1914 appropriative rights to store water from the Stanislaus River in various reservoirs; and

WHEREAS, the Oakdale Irrigation District Board of Directors was presented with, and has reviewed an Agreement for Release of Water by and among the Oakdale Irrigation District, The South San Joaquin Irrigation District, the San Luis & Delta Mendota Water Authority, and the California Department of Water Resources.

WHEREAS, the Oakdale Irrigation District Board of Directors has determined there is "surplus water" available for sale in water year 2018 pursuant to Resolution 2018; and

WHEREAS, the release of water during the April-May time-period will assist Reclamation in meeting its legal obligation under D-1641 to meet the Spring pulse flow; help meet and protect the beneficial use as designated by the State Water Board in the 1995 Water Quality Control Plan and meet the policy objective of Congress in having additional flows to the Delta paid for and be exportable pursuant to Section 4001 on the WIIN Act; and

NOW, THEREFORE, BE IT RESOLVED that the Oakdale Irrigation District Board of Directors does hereby approve the Agreement for Release of Water and authorize the General Manager Steve Knell to execute the agreement.

Upon motion of Director _____, seconded by Director _____, the above-titled Resolution was duly submitted to the Board for its consideration, the above-titled Resolution was duly passed and adopted at the regular meeting of the Board of Directors of the Oakdale Irrigation District this twentieth day of March in the year 2018, by the following vote of the Board of Directors:

Ayes:

Noes:

Absent:

OAKDALE IRRIGATION DISTRICT

Thomas D. Orvis, President
Board of Directors

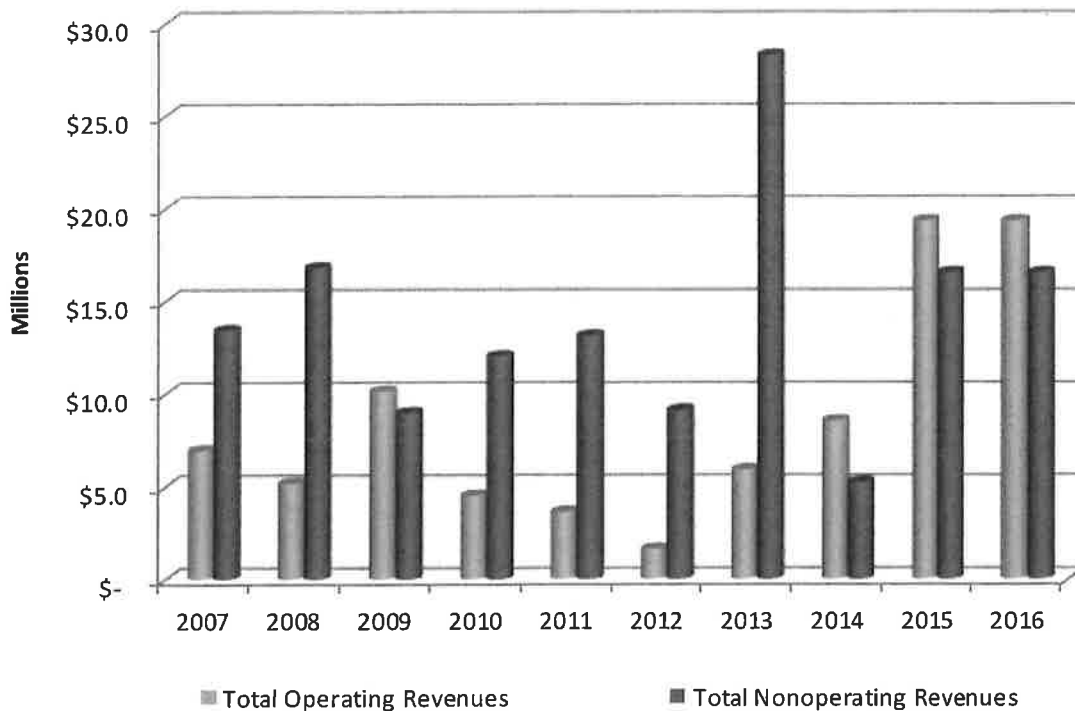
Steve Knell,
Secretary/General Manager

Financial Trend Data

Table 3
Revenues by Source
Last Ten Years

Year	Operating Revenues			Nonoperating Revenues					Total Revenues
	Water Charges	Other Operating Income	Water Transfer Sales	Interest Income	Property Taxes	Tri-Dam Project and Power Authority Distributions	Undistributed Earnings of Tri-Dam Project	Annexation and Other Nonoperating Income	
2007	\$ 1,159,509	\$ 383,603	\$ 5,405,251	\$ 1,440,337	\$ 1,827,806	\$ 12,100,000	\$ (1,951,105)	\$ -	\$ 20,365,401
2008	1,163,464	1,354,723	2,643,571	620,396	2,258,958	11,200,000	2,711,473	-	21,952,585
2009	1,183,770	368,204	8,564,635	304,318	2,100,740	7,650,000	(1,098,359)	-	19,073,308
2010	54,115	382,416	4,076,889	60,580	1,946,205	2,550,000	7,350,556	100,828	16,521,589
2011	1,210,632	351,978	2,066,879	53,758	1,925,629	13,955,114	(3,086,497)	259,168	16,736,661
2012	1,240,838	392,502	-	152,101	1,893,079	7,334,000	(267,704)	-	10,744,816
2013	1,516,917	390,877	4,000,000	274,814	1,893,770	7,332,000	(175,795)	18,929,829	34,162,412
2014	1,378,393	428,682	-	675,681	2,037,400	4,662,000	(2,660,293)	131,094	6,652,957
2015	2,341,654	435,308	5,750,000	622,378	2,230,344	4,379,500	(2,010,161)	(6,645)	13,742,378
2016	3,157,236	407,997	15,750,000	836,887	2,566,034	7,959,088	5,153,262	(3,164)	35,827,340

Chart 2
Operating and Nonoperating Revenues
Last Ten Years



Steve Knell

Subject: FW: Water Sale Support Request
Attachments: OID SSJID.xlsx

From: Anthea Hansen <ahansen@delpuertowd.org>
Sent: Wednesday, March 14, 2018 9:25 AM
To: Steve Knell <sknell@oakdaleirrigation.com>
Subject: RE: Water Sale Support Request

Good morning, Steve,

I have attached a preliminary “look” at how a maximized sale would be distributed, assuming all of the SLDMWA member agencies choose to participate. As you can see from the list, a major portion of the supply would go to Westside agriculture, and a goodly portion of that is to agencies that serve farmers in Stanislaus County. As you know, Del Puerto WD also serves growers in San Joaquin and Merced Counties, as do a few of the other agencies. Ultimately, how much DPWD will receive depends on what its fair share of the final participation list is, because some decline participation. **Either way, DPWD will receive the second largest “share” of the transaction.**

For now, Del Puerto’s CVP allocation stands at 20%, or 7.4 inches per acre. Our 100% contract quantity would provide for 37 inches (which we have only received four times in the last 28 years). The recently completed Modesto component of the North Valley Regional Recycled Water Program will deliver another 3.1 inches, but clearly we will be struggling to meet the demands of our growers. The OID/SSJID transaction could provide us another 1-2 inches, depending on how things resolve.

Thank you for reaching out, and please express to your Board the sincere appreciation DPWD and the neighboring agencies have for their consideration of this transaction. We are doing the same thing you do on the eastside...serving productive lands and smaller, local communities; supporting the local and regional economy in the form of jobs and land values; and most importantly, growing safe and healthy food to feed the nation and the world.

If you need anything further, or would like me to attend your meeting, please do not hesitate to ask.

Sincerely Yours,
Anthea

Anthea G. Hansen

General Manager

Del Puerto Water District

PH 209-892-4470/FAX 209-892-4469

BOARD AGENDA REPORT

Date: March 20, 2018
Item Number: 15
APN: 010-075-020

SUBJECT: REVIEW AND TAKE POSSIBLE ACTION ON THE REQUEST TO WAIVE THE \$100 DEPOSIT AND \$6 LATE CHARGE PLACED ON RURAL WATER ACCOUNT (APN: 010-075-020 - SILVA)

RECOMMENDED ACTION: Deny

BACKGROUND AND/OR HISTORY:

Gary and Jessica Silva are OID rural water customers. They have owned the property located at 10307 Foxborough Drive since October 2016. On February 9, 2018, the District received a written request to remove the \$100 deposit placed on their account due to being late two times within a 12-month period. Deposits are refunded when a customer experiences 12-months without a late-payment. Additionally, a \$6 late fee was applied to their account, as their payment was due on January 31, 2018 but not received until February 5, 2018. The deposit and late fee were applied in accordance with District Policy. The Silva's' have been late 2-times, June 2017 and January 2018.

As mentioned in Ms. Silva's correspondence their intent was to pay their bill prior to the due date.

In accordance with California Water Code section 26000, the Board shall order the Treasurer, to cancel or modify an assessment when it finds that any property has been:

- (a) Assessed in any year more than once.
- (b) Assessed by reason of a clerical error for more than its cash value.
- (c) Computed for assessment on an excessive acreage.
- (d) Assessed while not in district.

FISCAL IMPACT: \$6.00

ATTACHMENTS:

- Ms. Silva's correspondence dated February 9, 2018
 - Bank of the West Letter dated February 15, 2018
-

Board Motion:

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

VOTE:

Orvis (Yes/No) Altieri (Yes/No) Doornenbal (Yes/No) Santos (Yes/No) DeBoer (Yes/No)

Action(s) to be taken:

From: Jessica Silva
Sent: Friday, February 9, 2018 9:57 AM
To: Kathy Cook <kcook@oakdaleirrigation.com>
Cc: Gary Silva ; Mom
Subject: OID Letter, Acct 005016-000

To Whom It May Concern:

We are writing this letter because we do not agree with the charges to our account.

First Occurrence:

We had a credit on our account because we provided a credit report showing our credit score over 800 after purchasing the lot. On the June statement showed a remaining credit of (\$8.32) on Acct 005016-000, which left us owing 6.08. The check was to be delivered 6/29/17. We disputed it and it was resolved.

Current Dispute:

Regarding the January statement a check in the amount of \$14.40 was mailed to OID on 1/22/18, by Bank of the West, from our auto bill pay, with a due/check date of 1/25/18. Meanwhile we received February statement which showed we were charged a an extra \$106.00 (Late fee and deposit). So I called on 2/5/18 and talked to Denise about disputing the fees she stated that they still hadn't received payment, and I request that she check to make sure, she found the check.

Bank of the West's policy is to send out a paper check three days prior to the date entered as the due date (the date on the printed on the check). In both cases the due date entered was prior to OID's due date.

Also, as I explained to Denise we have another account (Acct# 004754-000) with OID. The payments are sent out by Bank of the West, on an auto bill pay, and there is no problems with that account.

Attached is a letter from Bank of the West showing their information regarding the January payment.

We respectfully request the \$100.00 deposit and \$6.00 late fee be reversed. Per the Bank of the West letter, our intent was to have the bill paid prior to the due date (13 mailing days). Please reverse the charges.

Thank you in advance for your consideration and look forward to your response.

Please note: The Bank of the West letter was fax to (209) 840-5571, Attn: Kathy Cook and Denise, which Denise said that she would attach to this letter.

Sincerely,

Jessica Silva
Gary Silva



February 15, 2018

OID
1205 EAST F ST
OAKDALE, CA 95361-4112

Received
FEB 18 2018
Oakdale ID

To Whom It May Concern:

Account Number: 005016-000

This letter is in reference to our mutual customer, Gary Silva, who utilizes our Online Banking Services to pay his bills online.

Gary Silva initiated a payment to his OID account in the amount of \$14.40 check number 986609, to be paid by January 25, 2018. Our records indicate that this check was issued to the above address on January 22, 2017. This payment cleared our customers account on February 07, 2018.

Please accept this letter as proof that Gary Silva made this payment in good faith and believed enough time was allowed for the payment to be received and posted by the due date. Please reverse any late fees and finance charges due to this payment, as well as any negative credit information.

Thank you for your assistance and cooperation with this matter. If any additional information is needed to assist our customer with this issue please contact us at the phone number listed below for our Online Banking Department.

Sincerely,

Carmen F.
Supervisor Online Banking Department
Contact Number: (800) 488-2265 Option 3
Bank of the West

Member FDIC

13505 California St. | Omaha, NE 68154

BOARD AGENDA REPORT

Date: March 20, 2018
Item Number: 16
APN: N/A

SUBJECT: REVIEW AND TAKE POSSIBLE ACTION TO APPROVE THE VIRTUALIZATION PROJECT ADDITIONAL COST FOR ORACLE LICENSING

RECOMMENDED ACTION: Approve

BACKGROUND AND/OR HISTORY:

Mr. McGregor, from Rubicon, recently notified the District that the price they had quoted the District for their labor and materials as part of the Virtualization Project did not include the Oracle licensing and testing. This license is required in order to run Rubicon's SCADAConnect application used on Total Channel Control (TCC).

This added cost of \$18,680, if known at the time the Board approved the Project, would have been incorporated into the Project Costs.

Original Project Cost (approved by BOD on August 1, 2017)	\$174,114
Additional Cost for Oracle licensing	<u>18,680</u>
Total Project Cost	\$192,794

FISCAL IMPACT: \$18,680 budgeted

ATTACHMENTS:

- Quotation dated March 8, 2018
-

Board Motion:

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

VOTE:

Orvis (Yes/No) Altieri (Yes/No) Doornenbal (Yes/No) Santos (Yes/No) DeBoer (Yes/No)

Action(s) to be taken:

QUOTATION



Date: March 8, 2018

To: Michael Ballinger
Company: Oakdale Irrigation District
Address: 1205 East F Street
Oakdale, CA 95361
Phone: (209) 840-5526

Project: ORACLE Licensing for Server Upgrade
Quote #: Q500844

Valid For: 60 days
Shipping terms: N/A
Billing terms: Net 30 days (see Payment Terms for details)
Prepared by: Darren McGregor

Rubicon Water

Fort Collins
1501 S. Lemay, Suite 101
Fort Collins, CO 80524
Toll Free 1-877-440-6080
Telephone 970-482-3200
Facsimile 970-482-3222

Modesto
615 Kansas Avenue, Unit B
Modesto, CA 95350

Imperial
415 Aten Road
Imperial, CA 92251

www.rubiconwater.com
usainquiry@rubiconwater.com

It is with pleasure that Rubicon Water submits this quotation for the licensing costs to upgrade of Oakdale's SCADA database to ORACLE Standard Edition Two (SE2), in order to support OID's system-wide server virtualization project.

Labor to install and test has previously been submitted to OID on quote #Q500680.

Rubicon is thankful for the opportunity to present this quote and complete the server upgrade in support of OID's automation upgrades. The line item costs with product/support descriptions are listed on the following page:

Qty	Product Number	Description (List Cost)	Each (\$)	Total (\$)
1	N/A	Upgrade of OID's existing ASFU ORACLE Standard Edition One license to an ASFU ORACLE Standard Edition Two license + addition of a second ASFU ORACLE Standard Edition Two license	\$15,680	\$15,680
1	N/A	Setup of Test Environments* (Rubicon Application Server setup to allow software to be installed for testing prior to installing into production) Note that the test database schema will reside on the production server so that the same ORACLE license is used – there will not be a separate database server created.	\$3,000	\$3,000
1	N/A	ORACLE annual maintenance for the 2 processor license	\$3,136	\$3,136
1	N/A	Credit for 2018 payment of ORACLE annual maintenance of SE1 Single License	-\$1,200	-\$1,200
			Total Cost:	\$20,616

*Setup of test environments also shown in Q500680. OID will only be charged once for this activity.

**Prices exclude all applicable taxes.

Payment Terms

Payments are to be made as follows:

- Net 30 days.
- 30% of the upgrade price will be invoiced within 30 days of receipt of purchase order.
- Balance will be invoiced on completion of upgrade and testing.

All payments are to be made by check to Rubicon Systems America Inc.

Warranty

Rubicon warranties all labor and software included on this quotation for twelve months from date of completion. Note this warranty does not cover server hardware or any other issues/costs that may result from database issues.

Rubicon Water Standard Terms of Sale applies to this Quotation and is appended to the end of this quotation.

BOARD AGENDA REPORT

Date: March 20, 2018
Item Number: 17
APN: N/A

SUBJECT: REVIEW AND TAKE POSSIBLE ACTION ON SPONSORSHIP REQUEST OF STANISLAUS COUNTY FARM BUREAU FOR ITS ANNUAL MEETING ON APRIL 19, 2018

RECOMMENDED ACTION: Board Discretion

BACKGROUND AND/OR HISTORY:

The Planning & Public Relations Committee met on March 12, 2018 to discuss the sponsorship request of the Stanislaus County Farm Bureau for its 104th Annual Meeting to be held on April 19, 2018. In 2016 the District approved a sponsorship of \$1,000 (\$500 in a tunnel tour and \$500 in a sponsorship check) and in 2017 the Board approved a sponsorship in the amount of \$1,250.

The Committee has deferred the sponsorship request to the full Board for consideration.

FISCAL IMPACT: None

ATTACHMENTS:

- Sponsorship Packages
-

Board Motion:

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

VOTE:

Orvis (Yes/No) Altieri (Yes/No) Doornenbal (Yes/No) Santos (Yes/No) DeBoer (Yes/No)

Action(s) to be taken:



Received

MAR 01 2018

Oakdale ID

104th Annual Meeting

"Tell Your Story"

Thursday, April 19th, 2018, 5:30-9:00p.m.

Downtown DoubleTree, Modesto

SPONSORSHIP PACKAGES

Join the Stanislaus County Farm Bureau during the 104th Annual Meeting of Members. This event will feature exhibitors, Silent Auction and Raffle, Awards, and our guest speaker, former San Francisco Giants Pitcher, Dave Dravecky. The proceeds of this event go to support the programs that promote and protect agriculture; Ag in the Classroom, Stanislaus Safety Seminar, Young Farmers and Ranchers, purchasing animals at Stanislaus County Fair and Coliege Ag Scholarships.

Please review the sponsor packages below and choose the one that fits best for your company:

PRESENTING SPONSOR

\$2,500

- Company Name on Posters
- Logo Signage during Social Hour
- Company Name mentioned during dinner and in the program
- 1-Reserved Guest Table (seating for 8)
- 1-Display booth (Night of the event)

GOLD SPONSOR

\$1,250

- Company Name on Posters
- Company Name mentioned during dinner and in the program
- 1-Reserved Guest Table (seating for 8)
- 1-Display booth (Night of the event)

SILENT AUCTION TABLE SPONSOR (1 Available)

\$1,000 + Auction Item*

- Company Name in the program
- Logo Sign on the Silent Auction Tables
- 6 Guest Tickets to Event
- 1- Display Booth (Night of the event)
- *Auction or Raffle item valued at \$50 or more

SILVER SPONSOR

\$750 + Auction Item*

- Company name in the program
- 1- Display Booth (Night of the Event)
- 1- Reserved Guest Table (seating up to 8)
- *Auction or Raffle item valued at \$50 or more

BRONZE SPONSOR (10 available)

\$500

- 1- Display Booth (Night of the Event)
- 4 Guest Tickets to Event

The Stanislaus County Farm Bureau sponsorship program is adaptable to meet the needs of your organization. We can customize a sponsorship package for you, based on your needs to create a successful presentation and experience for your organization and all that attend the event. Please contact us with your request.



Stanislaus County Farm Bureau Present the

104th Annual Meeting of Members *"Tell Your Story"*

Thursday, April 19th, 2018, 5:30-9:00p.m.

Downtown DoubleTree

1150 9th Street, Modesto, CA

Please indicate your Sponsorship Level below:

- Presenting Sponsor \$2,500
- Gold Sponsor \$1,250
- Silent Auction Table Sponsor \$1,000 + Auction Item
- Silver Sponsor \$750 + Auction Item
- Bronze Sponsor \$500
- In Kind Sponsorship _____ (please specify) _____ (value)

Thank you for your support of agriculture and this event that highlights the advocacy of our industry.

Sponsor Signature: _____ Date: _____

Print Name: _____

Company Name: _____

Mailing Address: _____ City: _____ State: _____ Zip: _____

Phone: _____ Email: _____

Please complete this form and return it along with your check, payable to Stanislaus County Farm Bureau, in the enclosed envelope.

Thank you for your support of Stanislaus County Farm Bureau

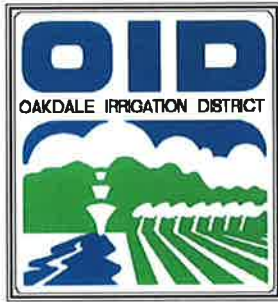
1201 L Street, Modesto, CA 95354

Phone: (209) 522-7278

Fax: (209) 521-9938

Contact Email: caitiec@stanfarmbureau.org

Please provide a high resolution logo by email to Kristin Platts: kristinp@stanfarmbureau.org



DISCUSSION ITEMS

BOARD MEETING OF MARCH 20, 2018

DISCUSSION ITEM

Date: March 20, 2018
Item Number: 18
APN: N/A

SUBJECT: DISCUSSION ON SCOPE OF WORK FOR STANISLAUS RIVER BASIN PLANNING STUDY

BACKGROUND AND DISCUSSION:

In cooperation and input from South San Joaquin Irrigation District and Stockton East Water District, along with OID, the following Scope of Work has been put together for the Stanislaus River Basin Plan. Water Resource Consultant CH2M Hill coordinated the meetings with each agency and took input to put the following document together for the agencies to bring to their Board's for review, comment and changes, should there be any.

As a refresher on the need and background to this Basin Plan, please find the attached agenda report from July 11, 2017.

Staff will provide a commentary on the status and next steps for this work and answer any questions the Board may have.

ATTACHMENTS:

- Scope of Work for Stanislaus River Basin Planning Study
 - Agenda Report from July 11, 2017
-

Board Comments:

Scope of Work

Stanislaus River Basin Plan

v. 1/18/2018

Introduction

The purpose of this Scope of Work is to describe the tasks to develop and cooperatively implement a regional water resources basin plan for the Stanislaus River Basin (Basin Plan) to address anticipated regulatory and resource challenges, to protect water rights and support continued water use.

Recognizing the need for a regional response to the state and federal issues confronting the water agencies in the Stanislaus River Basin, the Oakdale Irrigation District (OID), South San Joaquin Irrigation District (SSJID), and Stockton-East Water District (SEWD) (Basin Partners) are collaborating to develop a coordinated and integrated approach to manage the Stanislaus River Basin's water resources.

The Basin Partners will work to identify potential impacts of the various regulatory, legislative, economic, hydrologic and infrastructure drivers that may impact water supply. Ongoing regulatory/water processes anticipated to be addressed in the Basin Plan include the following:

- Phases I, II, and III, California State Water Resources Control Board (SWRCB) Water Quality Control Plan (WQCP) and Water Rights Proceedings
- Bureau of Reclamation (Reclamation)/California Department of Water Resources (DWR) Operational Criteria and Plan Biological Opinion (OCAP BO), which includes New Melones Reservoir
- Reclamation's development of a Long-Term Operation Plan for New Melones Reservoir
- Sustainable Groundwater Management Act (SGMA) and associated local/regional Groundwater Sustainability Plan(s) (GSP) and groundwater use/availability
- California Senate Bill (SB) x7-7 and associated water measurement, pricing requirements and implementation of efficient water management practices and their impact on deliveries
- Changing water demands within the basin
- Infrastructure rehabilitation and modernization projects and their impacts on water demands
- Water transfers (both within and out of the basin) to maximize water use, to support groundwater management needs and to provide revenue
- Hydrologic changes driven by climate change

Based on the range of impacts identified, the Basin Partners will then identify specific programmatic management actions and/or strategies and develop a Basin Plan to address the identified impacts. The development of the Basin Plan will be conducted over 7 tasks. The conclusion of the Basin Plan will represent the locally preferred alternative.

Scope of Work

All tasks of this Scope of Work include coordination with Basin Partners including meetings and conference calls for progress reporting, information gathering/analysis, and overall management of the project.

Task 1. Evaluate Basin Demand

Purpose: The purpose of this task is to develop and document baseline and forecasted future no-action water demands for each Basin Partner on a 20-year horizon to 2040. It is expected that conditions of land use and irrigation technology adoption for existing irrigation service areas will be considered in the evaluation of no-action future demands. Future demands including the effects of additional in-district and regional water management actions are evaluated in later tasks.

Approach: Water balances for each Basin Partner's operations will be developed to characterize baseline water demands for each basin partner and the overall Basin water demand for diversions off the Stanislaus River. These water balances will rely upon existing information as much as possible but will take efforts to standardize water balance accounting frameworks across Basin Partner operations.

A common spreadsheet water balance framework that CH2M utilized recently for Modesto Irrigation District will be utilized for the basin partners. The specific tools for each basin partner will vary slightly based on system differences and data availability but will generally be very similar. METRIC remotely sensed ET data developed by ITRC covering the basin partner service areas will be evaluated against land use/cropping data and compared to current consumptive use data with updates to consumptive use factors as necessary. These data are especially important for estimating net recharge contributions to groundwater.

Since each Basin Partner has a different starting point for existing information, this task is broken into separate subtasks by Basin Partner. The assumptions and approach for developing the demands for each Basin Partner is described under the following subtasks:

Subtask 1.1 Demand for OID

Assumptions:

- Water balance documentation and electronic files for 2005 through 2014 as presented in the 2016 Ag Water Management Plan will be provided to CH2M.
- Land use forecasts presented in the 2005 OID Water Resources Plan through 2025 will be compared against recent land use data and will be updated with forecasts to 2040 using available regional planning studies.
- Updated baseline current condition OID water demand (2005-2014) and future 2040 OID water demand will be developed.
- For the purposes of Basin planning, the demand analysis will be developed at the District level (i.e. not suitable for service area types of analysis).
- It is assumed that up to two meetings will be held with OID staff during water balance model and demand development

Subtask 1.2 Demand for SSJID

SSJID is embarking on a separate Water Resources Management Plan effort. Under that effort, a water balance model for SSJID will be developed that will define their water demands.

Assumptions:

- The current and future demand analysis for SSJID will be developed under their separate Water Resources Plan and be applied in this Basin Plan. The purpose of this task is to post-process results as necessary and link SSJID's demand analysis to the overall Basin Plan tool set (Task 5.2).
- It is assumed that the SSJID water demand outputs will be based on the following:

- Water balance documentation and electronic files for 1994 through 2014 as presented in the 2015 Ag Water Management Plan will be provided to CH2M.
- Land use forecasts within SSJID to 2040 will be developed using available regional planning studies and analysis of recent land use data.
- Updated baseline current condition SSJID water demand (2005-2014) and future 2040 SSJID water demand will be developed.
- For the purposes of Basin planning, the demand analysis will be developed at the District level (i.e. not suitable for service area types of analysis).

Subtask 1.3 Demand for SEWD

Assumptions:

- Water balance documentation and electronic files for 2013 through 2015 as presented in the 2015 Ag Water Management Plan will be provided to CH2M.
- In lieu of a detailed quantitative demand analysis for current and future demands of SEWD, a qualitative summary will be developed to characterize the potential demand for Stanislaus River water supply as it could become available under Basin Plan alternatives.

Subtask 1.4 Other Demands

Assumptions:

- In addition to OID, SSJID, and SEWD, a narrative will be developed to describe other demands for water off the Stanislaus River. The context of this narrative will be to set the stage for the comprehensive Basin Plan.

Task 1 Deliverables:

- One Draft technical memorandum (TM) for review by the Basin Partners – delivered electronically
- One Final technical memorandum (TM) – delivered electronically

Task 2. Forecast Basin Water Supply

Purpose: The purpose of this task is to develop and document baseline and a forecasted future range of water supply for diversion and use off the Stanislaus River given the regulatory uncertainties described above.

Approach: The approach for this task is described under the following subtasks:

Subtask 2.1 Establish Baseline

Establishing the baseline is a critical step to measure impacts and potential solutions presented in the Basin Plan. There are many complicating factors that influence the baseline including ongoing regulatory processes and the Bureau of Reclamation’s annual interim operating plan for New Melones Reservoir. The basin demand baseline must consider recent land use changes and recent drought effects on demand. The purpose of this task is to work with Basin Partners (including Dan Steiner) to discuss and agree to the baseline. This task will be coordinated with technical basin demand work under Task 1.

Deliverable:

- One Draft technical memorandum (TM) for review by the Basin Partners – delivered electronically
- One Final technical memorandum (TM) – delivered electronically

Subtask 2.2 *Bracket the Range of Future Stanislaus Water Supply*

The key driver for initiating the Basin Plan is to respond to the highly uncertain Stanislaus River water supply for the Basin Partners. Uncertainties are caused by SWRCB WQCP, OCAP BO, NMR Operations Plan, SGMA, changing water demands, climate change, etc. The purpose of Subtask 2.2 is to work with Basin Partners and experts to identify and bracket the range of outcomes (timing and quantity of water) from the uncertainties listed above.

Approach: The team will work with Basin Partners and experts (e.g. Dan Steiner) to apply professional judgement on the on reasonable ranges of parameters that effect New Melones Reservoir operation for each regulatory driver. Hydrologic variability is a given and the team will investigate climate change in addition to regulatory scenarios and demand forecasts.

Assumptions:

- CH2M will work with Dan Steiner to define scenarios that will be modeled
- New Melones Reservoir operations modeling will be provided by Dan Steiner (covered under separate contract)
- CH2M will write-up and summarize results of water supply modeling.
- This scope of work does not include an analysis of surface water supplies by the Calaveras River to SEWD. A narrative regarding SEWD water supply will be produced based on information provided by SEWD.

Deliverable:

- One Draft technical memorandum (TM) for review by the Basin Partners – delivered electronically
- One Final technical memorandum (TM) – delivered electronically

Task 3. Financial Analysis

Purpose: The purpose this task is to measure financial impacts across the range of future Stanislaus water supply scenarios and potential regulatory, legislative, or infrastructure costs. Comprehensive budget information will populate 20-year financial models for OID and SSJID. Each financial model will evaluate the impacts of district policies or basin wide actions evaluated in this plan. Models will incorporate existing capital improvement plans (CIPs), and will include the ability to evaluate rate impacts, borrowing, and alternative revenue sources. A combined financial analysis will support policy evaluation and decision-making processes for all Basin Partners.

Approach: The approach for this task is described under the following subtasks:

Subtask 3.1 *Financial Analysis for OID*

Assumptions:

- The existing OID financial model (updated to support the OID Proposition 218 Rate Study in 2014) will be updated for 2018 budgets and current CIP schedule.
- This analysis is intended to inform decision making considering financial implications, however will not provide the detail that would support a district's rate analysis.

Deliverables:

- 20-year OID Financial Model
- One Draft technical memorandum (TM) for review by OID – delivered electronically
- One Final technical memorandum (TM) – delivered electronically
- Up to 2 workshops for Financial Model development and review

Subtask 3.2 *Financial Analysis for SSJID*

SSJID is embarking on a separate Water Resources Management Plan effort. Under that effort, a financial analysis of SSJID will be developed that will define their financial needs.

Assumptions:

- The SSJID financial model and analysis completed separately will be applied to this Basin Plan. It is assumed that the SSJID financial model will be available and developed to a similar level of detail and time horizon as the OID financial analysis (Task 3.1). The purpose of this task is to post-process results as necessary and summarize SSJID’s financial analysis.
- It is assumed that the SSJID financial analysis outputs will be based on the following:
 - A new financial model will be developed for SSJID based on structure and format of modeling tools previously developed by CH2M, using existing budget, revenue, and CIP information readily available.
 - This analysis is intended to inform decision making considering financial implications, however will not provide the detail that would support a district’s rate analysis.

Deliverable:

- Documentation covered separately under Subtask 3.3

Subtask 3.3 *Combined Financial Summary for OID and SSJID*

Purpose: The purpose of this task is to develop a high-level combined financial summary to support the overall Basin Plan. This analysis will summarize OID and SSJID’s individual financial analyses to define current and projected revenue needs that must be taken into consideration as water management actions are developed.

Assumptions:

- The combined financial analysis does not include a regional economic impact analysis.

Deliverable:

- One Draft technical memorandum (TM) for review by the Basin Partners – delivered electronically
- One Final technical memorandum (TM) – delivered electronically

Task 4. Identify and Evaluate Water Management Actions

Purpose: The purpose of Task 4 is to identify implementable actions to respond to water supply challenges and regulatory uncertainties.

Approach: The team will identify actions that when implemented could better achieve long-term objectives of various regulatory processes, minimize or mitigate impacts on Basin Partners. The process would include identifying actions, performing high-level evaluations and coarse screening to further develop these actions, then initial groupings of actions that would makeup analysis scenarios in Task 5. Potential actions are noted below:

- Changes to NMR Operations
- Conjunctive Use Projects/Operations
- Infrastructure
 - On-farm efficiency improvements above and beyond those expected and assumed in demand forecasting (Task 1)

- Conveyance system efficiency improvements above and beyond those planned by individual Basin Partners and documented in CIPs.
- Other potential new infrastructure to facilitate other water management actions
- Transfers
 - In-basin transfers, including possible inter-District infrastructure to facilitate in-basin transfers
 - Out-of-basin transfers, including possible inter-regional infrastructure to facilitate regional water transfers
- Regional Restoration Projects
 - Alternative actions to meet ecosystem or habitat objectives on the Stanislaus and San Joaquin Rivers including fish habitat enhancement, riverine habitat enhancement (e.g. restoration of floodplains and in-channel features, gravel augmentation, etc), reducing predation of native fishes, and the reoperation of infrastructure to optimize the timing, duration, and frequency of in-stream flows for ecosystem benefit.
 - Science/monitoring actions
- Annexations of sphere of influence lands
- Others

Assumptions:

- Costs and potential cost allocation and water balance impacts will be developed as part of this task
- One workshop will be held with basin partners to initiate this task and accumulate the initial list of potential projects
- Budget will include an additional four meetings to further develop details, costs, and water impacts associated with potential regional water management actions
- One workshop will be held with basin partners to review the Draft TM

Deliverables:

- One Draft technical memorandum (TM) for review by the Basin Partners – delivered electronically
- One Final technical memorandum (TM) – delivered electronically

Task 5. Development and Evaluation of Alternatives

Purpose: The purpose of this task is to: 1) Develop alternatives consisting of various water management actions and infrastructure improvements; 2) Develop a planning-level water balance toolset which can be used to evaluate the impacts and benefits of various proposed actions (i.e. new annexations, State Water Resource Control Board regulations, Sustainable Groundwater Management Act responsibilities, etc), irrigation infrastructure improvements, and future changes in land use and added water demands, surface water supplies, and groundwater interactions within the Basin; and 3) Utilize the water balance toolset to evaluate the alternatives.

Approach: The approach for this task is described under the following subtasks:

Subtask 5.1 Develop Alternatives

CH2M HILL will develop up to ten (10) alternatives for the Basin Plan consideration. Our initial assumptions of the number and general characteristics of alternatives for use in determining level of effort are as follows:

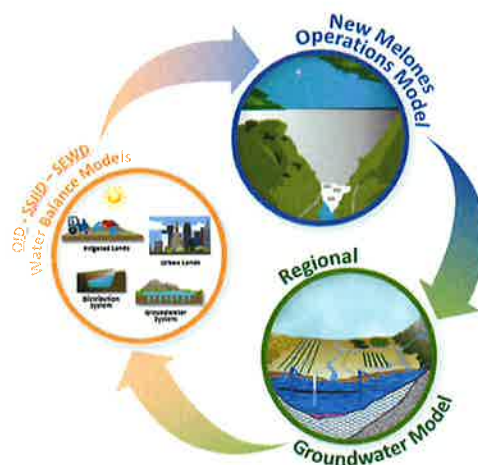
Alternative	Reservoir Management	Land and Water Use
1	Current conditions	Current Conditions
2	Future Assumed Operations 1	Current Conditions
3	Future Assumed Operations 2	Current Conditions
4	Future Assumed Operations 1	Future Conditions 1
5	Future Assumed Operations 2	Future Conditions 1
6	Future Assumed Operations 1	Future Conditions 2
7	Future Assumed Operations 2	Future Conditions 2
8	Future Assumed Operations 1	Future Conditions 3
9	Future Assumed Operations 2	Future Conditions 3
10	TBD	TBD

Future assumed reservoir operations and future assumed land and water use condition scenarios are not currently defined. These will be defined as part of this task and may include best/worst case regulatory conditions, minimum/maximum demand conditions, or other potential ranges in water supply and demand conditions.

To further refine and agree on a final set of alternatives, CH2M HILL will facilitate a workshop with Basin Partners. This workshop will be used to discuss and agree on the assumptions used for the alternatives, including but not limited to: the anticipated future reservoir operations based upon the most recent regulatory developments, specific conditions of the future land and water use projections including efficiency projects and transfers, and assumptions for climate change evaluation. It is expected that within the alternatives evaluated, there will be one (1) existing conditions alternative, at least one (1) no action alternatives, and at least three (3) action alternatives from which one will be selected as the preferred alternative.

Subtask 5.2 Develop Evaluation Toolset

A monthly time step water balance model will be developed by CH2M HILL which reflects the current and expected future conditions of the Basin. The water balance will be developed to cover the irrigation service areas of OID and SSJID. The water balance toolset will be comprised of interacting tools used to address different components of the water balance analysis.



- Irrigated lands water balance models:** The irrigated lands water balance tools developed in Task 1 will be linked to New Melones Operations Model to provide a better representation of demands for baseline and future scenarios.
- New Melones Operations Model:** The New Melones Operations Model is the most up-to-date Stanislaus River Operation Model accepted by Reclamation and Basin Partners and will be utilized for this evaluation process. The team will coordinate with Dan Steiner to link demand modeling and groundwater modeling to the surface water model. Post-processing tools will be developed to compare modeled diversions against demands and provide evaluation metrics such as water deliveries, water shortages frequency and magnitude, and impacts to groundwater management.
- Groundwater model:** The development of a basin plan requires strong technical analysis of Basin hydrogeology, land use and irrigation practices, pumping activities under varying climatic conditions, surface water/groundwater interaction, SGMA regulations and requirements. The team will apply an existing regional scale model (C2VSIM or CVHM) which will facilitate analysis of the Basin Plan. The

tool will be used to define current conditions in the groundwater basin and identify impacts to groundwater conditions from changed conditions in the basin such as land use, cropping, pumping conditions, surface water operations, and climatic conditions. The model will evaluate effects on groundwater due to management actions such as groundwater extraction scenarios, managed aquifer recharge projects, on-farm or conveyance system efficiency improvements, changed streamflow conditions. Expected outputs from model include groundwater contour maps, water level hydrographs, groundwater level changes maps, streamflow effects, changes to groundwater storage, effects of droughts or wet periods.

- Two regional-scale models of the entire Central Valley also exist that could be utilized to perform the groundwater analysis required to support development of the Basin Plan. These include the Central Valley Hydrologic Model (CVHM) developed by the USGS, and the California Central Valley Groundwater-Surface Water Simulation Model (C2VSIM) developed by the California Department of Water Resources. Once the potential water management alternatives associated with the WRP have been defined, and the potential effects of the alternatives on groundwater basin conditions defined, the regional model that provides the best platform to perform the groundwater flow analysis will be selected and utilized. Model structure and inputs will then be modified to reflect changes to the water budget that would result from implementation of the particular alternatives of interest.
- The selected regional model (CVHM or C2VSIM) configuration and assumptions will be modified to simulate the effects of implementation the Basin Plan alternatives on the groundwater basins of interest. This may include refining the spatial resolution of the model grid so that changes to the groundwater system resulting from implementation of the Basin Plan alternatives can be better represented in the model.
- The refined model will then be run to obtain “baseline conditions” in the OID/SSJID/SEWD areas. These baseline conditions will be compared to predictive simulation results to obtain quantitative estimates of the effects of alternative implementation on groundwater levels, stream flows, and groundwater storage conditions.

Assumptions:

- The New Melones Operations Model will be maintained and ran by Dan Steiner (covered under separate contract).
- CH2M will work with Dan Steiner to define scenarios that will be modeled. CH2M will develop pre- and post-processing tools for providing demand inputs into and extracting water supply/demand balance information out of the New Melones Operations Model. CH2M will write-up and summarize results of water supply modeling.
- The team is not developing a Calaveras River operations model for other SEWD surface supplies. SEWD will provide time series of expected surface water supplies other than the Stanislaus River.

Subtask 5.3 Evaluate Alternatives

CH2M HILL will evaluate the alternatives identified as part of subtask 5.1 using the toolset developed in subtask 5.2. The evaluation will summarize the differences in the following key metrics between different alternatives:

- Alignment with Plan objective
- Water supply reliability (frequency and magnitude of shortages)
- Applied water deliveries to existing irrigation and M&I customers
- Hydropower generation

- Net groundwater recharge

Net change in groundwater levels resulting from direct actions will be evaluated with the groundwater model for a subset of the alternatives, after other screening measures are applied. It is assumed that a baseline groundwater model will be developed and up to two future alternatives for a total of two net groundwater level change maps.

CH2M HILL will coordinate a workshop with Basin Partners where the results of the alternative evaluations and comparisons between different alternatives will be presented and discussed. The results of the evaluations will then be documented in a TM.

Subtask 5.4 Climate Change Analysis of Preferred Alternative

For the one selected preferred alternative, CH2M HILL will adjust water supply and water demand hydrology for climate change conditions. One mid-range climate change emission scenario will be selected for this analysis.

Assumptions:

- It is expected that the recent Sacramento-San Joaquin Basin Study climate change adjusted hydrology will be sufficient to use as inputs for this analysis.

Deliverables:

- One Draft Alternative Evaluation TM for review by the Basin Partners that documents overall evaluation approach and results
- One Draft Groundwater TM for review by the Basin Partners that documents groundwater model modifications and simulation results. The typical model output that will be included in the Groundwater TM may include groundwater contour maps, groundwater level change maps, groundwater level hydrographs, and associated water budget information. Estimates of changes to surface water flows will also be reported in the Groundwater TM.
- One staff workshop will be conducted as part of Subtask 5.1, including workshop materials and notes.
- One staff workshop will be conducted as part of Subtask 5.2, including workshop materials and notes.

Assumptions:

- Maximum of ten (10) alternatives will be evaluated; groundwater modeling further limited to two (2) alternatives.
- One staff workshop with 3 CH2M HILL staff to develop final list and description of alternatives
- One staff workshop with 5 CH2M HILL staff to discuss the results of the alternatives evaluation
- No additional workshop will be required for development of the additional alternatives
- Draft Alternative Evaluation TM will be 30 pages or less
- Draft Groundwater TM will be 25 pages or less
- Both sets of Draft TM comments will be provided by District staff and one set of comments will be returned to CH2M HILL (electronically)
- Final TMs will incorporate District comments and will be included as an appendix to the Basin Plan

Task 6. Develop Basin Plan

Subtask 6.1 Draft Basin Plan

Purpose: The purpose of this subtask is to compile a draft Basin Plan comprised of all relevant background information collected, decisions made, recommendations, and the results of the alternative evaluations. The resulting preferred package of actions and recommendations will represent the Stanislaus River Basin Plan for maximizing the beneficial use of water in the basin, protecting beneficial uses in the Stanislaus River, provide for sustainable groundwater management in the region and be financially sustainable in meeting these actions. This locally preferred solution will be used by partner agencies as a proactive effort to influence the outcome of the various regulatory processes identified above.

Approach: The draft Basin Plan will provide an executive summary of the technical analyses documented in the TMs, which will be included as appendixes to the Basin Plan. The Basin Plan Summary will lay out the recommended actions for Basin Partners to meet their goals.

Deliverables:

- Administrative Draft Basin Plan – 20 black and white, bound copies
- Draft Basin Plan – 30 color, bound copies and 30 CD with electronic PDF files
- Draft and Final Board presentation

Assumptions:

- Draft Basin Plan will incorporate the final version of previously identified TMs
- Draft Basin Plan will be 40 pages or less excluding appendixes
- Development of draft Board presentation of Basin Plan for each District’s review and comment
- One workshop with 3 CH2M HILL staff to discuss draft presentation and Basin Partner comments
- Development of final Board presentation of Basin Plan and attendance of 2 CH2M HILL staff at each Basin Partner Board meeting (3 total) to support District staff presentations
- District staff will present Draft Basin Plan at Board meetings

Subtask 6.2 Final Basin Plan

Purpose: The purpose of this subtask is to finalize the Basin Plan based on comments received from the partner agencies and their Boards on the Draft Basin Plan.

Approach: Comments will be accumulated and submitted by each partner agencies to CH2M HILL. CH2M HILL staff will prepare a response to comments (RTC) with proposed resolution of each comment. After the RTC is accepted by member agencies, CH2M HILL will proceed to finalize the report.

Deliverables:

- Administrative Draft Final Basin Plan – 20 black and white, bound copies
- Final Basin Plan – 30 color, bound copies and 30 CD with electronic PDF files

Assumptions:

- One compiled set of comments will be accumulated and submitted by each partner agencies to CH2M HILL

- CH2M HILL staff will prepare a response to comments and will hold a combined meeting with partner agencies to discuss resolution of all comments.

Task 7. Basin Partner Board Engagement

Purpose: The purpose of Task 7 is to inform the Boards of Basin Partners (OID, SSJID, SEWD) of Basin Plan progress and to solicit input at key points during the course of the study.

Approach: The CH2M HILL team will develop draft presentations (PowerPoint format) for review and input by Basin Partner management and develop final presentation for presentation to Board.

Deliverables:

- Up to 9 Draft presentations (3 per Basin Partner) in PowerPoint format – delivered electronically.
- Up to 9 Final presentations (3 per Basin Partner) in PowerPoint format – delivered electronically.

Assumptions:

- Up to 2 CH2M HILL staff will support Basin Partners at Board meetings for these presentations.

Schedule

The Work is expected to be initiated on or around _____, 2018 and completed within 18 months after authorization to proceed. A final Project Schedule and cost of services will be provided upon the Board's confirming finalization of the Scope of Work.

BOARD AGENDA REPORT

Date: July 11, 2017
Item Number: 17
APN: N/A

SUBJECT: REVIEW AND TAKE POSSIBLE ACTION TO ISSUE A WORK RELEASE TO CH2M HILL TO DEVELOP A SCOPE OF WORK FOR UPDATING THE WATER RESOURCES PLAN TO ADDRESS LEGISLATIVE / LEGAL CHALLENGES AND RESOURCE PROTECTION

RECOMMENDED ACTION: Staff Recommends Issuing a Not to Exceed Work Release for \$75,000 to CH2M Hill to Develop a Scope of Work to Prepare a Revised Water Resources Plan to Address Current Resource Challenges, for the Protection of Water Rights and Evaluate the Highest and Best Utilization of those Rights.

BACKGROUND AND/OR HISTORY:

In 2001 OID's water use to meet constituent's water demands averaged (Base Year) 297,000 acre feet; 261,000 acre feet from river diversions of both pre- and post-1914 sources and the balance from groundwater and reuse of reclaimed drainwater and tailwater. (Ag Water Mgt. Plan-2005)

In 2015 OID's water use to meet constituent's water demands had shrunk to 253,000 acre feet; 230,000 acre feet from river diversions of both pre- and post-1914 sources and the balance from groundwater and reuse of reclaimed drainwater and tailwater. (Ag Water Mgt. Plan-2016)

The water savings attained by OID are the direct result of the development and implementation of the District's Water Resources Plan. As documented in 2004, OID had historically suffered from poor management and a weak organizational structure. The organization lacked focus in its mission and on the core purposes of its formation, chief of which was the operation, maintenance and protection of a water conveyance system to serve the agricultural water needs of the area. That lack of commitment to the system had allowed for its deterioration and moved OID into the unenviable position of being one of the highest water use districts in the Central Valley for its size and crops grown.

At the same time, revenues began accruing due to the retirement of the Tri Dam Projects Bond debt and the prospects of re-licensing its hydro asset had promises of adding to that revenue. Water transfers became an integral part of the OID revenue stream in 1998 with water transfers to SEWD and Reclamation (VAMP).

Started in 2004 and adopted in 2007 the district's Water Resources Plan has accomplished the following:

- \$53.5 million in capital construction (2006-2016) in the replacement and modernization of its water delivery infrastructure
- \$51.5 million of those revenues came from water sales revenues, not from OID rate payers
- A realized conserved water benefit of 44,000 acre feet that enhanced OID's drought water reliability that saved OID farmers from economic hardship during the 2012-2016 drought.

- The expansion of OID's service area from 55,385 acres in 2006 to 64,780 acres in 2015. This is a commitment of 30,000 acre feet to OID's local agriculture and the community.
- Water service improvements to growers which allow them to manage their water better and be better stewards of their water supply on their lands.
- All this while keeping OID water rates amongst the lowest in the State.

While the Water Resources Plan was necessary to get OID from where it was in 2006 to where it is today, OID needs to refocus that Plan to get it from where it is today through the next 10 years.

OID and SSJID, along with all tributary irrigation districts to the San Joaquin River will be facing new and difficult challenges in the coming years. Those challenges entail legislative, legal and environmental changes that bring risk to our water rights. These challenges appear to be additive, intermixed and yet often times play against one another in their end goals. Those challenges are outlined below;

Water Quality Control Plan

The State Water Resources Control Board (SWB) initiated a Water Quality Control Plan (WQCP) for the Sacramento, San Joaquin Bay Delta in 2009. In October 2016, the SWB released a revised Draft WQCP and Substitute Environmental Document (SED). Oakdale Irrigation District (OID), South San Joaquin Irrigation District (SSJID), The San Joaquin Tributaries Authority (SJTA), of which OID and SSJID are members, Stockton East Water District (SEWD) and the United States Bureau of Reclamation (USBR) all filed comments. All comments can be accessed at http://www.waterboards.ca.gov/public_notices/comments/2016_baydelta_plan_amendment/.

For all the agencies that commented, they did so with a common theme; the Draft WQCP/SED has the potential for major impacts on the delivery of surface water from the Stanislaus River to all the parties mentioned.

Depending on how the SWB implements the WQCP, it could severely impact carryover storage at New Melones, or cause further reductions to surface water deliveries to OID, SSJID, CSJWCD, and SEWD on the Stanislaus River. With 40% of the unimpaired flow (UIF) not going to deliveries or storage in the basin but solely out to the ocean, impacts will be regionally significant.

The comments provided to the SWB go into great detail on the impact to water rights, deliveries and users. Specific to OID and its impacts those highlights are provided below;

- OID's annual available water supply of 300,000 acre feet would be reduced somewhere between 60-70,000 acre feet per year.
- 10% of the time OID would have just over 100,000 acre feet to distribute to its 65,000 acres of service lands.
- 25% of the time OID would have around 175,000 acre feet for the same 65,000 acres.
- Groundwater pumping would increase to offset that water loss.
- Power revenues from Tri Dam would drop \$3.3 million per year or \$1.65 million to OID.
- The financial impact from the loss of out-of-district water sales would add \$100 per acre to the existing base rate, bringing that fixed cost rate to \$128 per year.
- Adding both the losses of Tri Dam and water sales revenues to water rates, the cost of water in OID would escalate to \$165 per acre per year for 3 acre foot of usage. That rate would make a good number of crops in OID unprofitable to farm.
- The loss of water would represent a \$50 million taking of OID investments by the State, without compensation.

- New Melones storage would operate at less than 20% of capacity 30% of the time. It would be empty 12 out of 95 years of operating history.

There are 5 Phases to the WQCP. Phase 1 impacting the San Joaquin River will be adopted later this year. The SWB will likely be sued on its adoption. Avoiding a lot of detail, there will be legal uncertainty for the WQCP for a minimum of 5-7 years and maybe longer.

Take-Away from WQCP Challenge:

1. OID has a 7 year planning window from which to work.
2. OID will defend its water rights in the hopes of overturning the SWB's WQCP
3. OID should prepare for the eventuality and potential that it may lose some water in the future.

OID Needs:

1. Does OID have the means to meet a loss of water without significant impact?
2. How much more conservation water above the 40,000 acre feet can OID generate to buffer a loss of water?
3. The next phase of conservation will cost more than past efforts.
4. How much more will that cost be?
5. Where will those revenues come from?
6. What's the Plan to meet those needs?

Operational Criteria and Plan-Biological Objectives (OCAP BO)

In 2007, Reclamation and the National Marine Fisheries Service (NMFS) commenced consultation under the Endangered Species Act (ESA) for the Coordinated Operation Agreement (COA) by and between the California Department of Water Resources (DWR) and Reclamation. New Melones was included in the consultation as part of the CVP integrated system. In 2009, NMFS issued its Biological Opinion (BO) for the COA. NMFS issued a "no jeopardy" opinion if Reclamation and DWR adopted Reasonable and Prudent Alternative (RPA). Reclamation accepted the RPA's for New Melones. The major RPA for New Melones was Appendix 2e which prescribes instream flow requirements for the Stanislaus River based on the New Melones Index.

The Districts' sued Reclamation and NMFS because the BO showed that Appendix 2e flows would deplete all the stored water in New Melones. The Districts' argued that when storage was drawn so low at New Melones due to Appendix 2e that NMFS would look to take the Districts' water. The District Court stated they couldn't take the water to meet Appendix 2e flows, but NMFS believed they had separate authority under ESA to allege "take" as to the Districts' actions. This unfortunately came to pass in June 2015 when the Districts informed Reclamation, NMFS and the SWB that they would not be releasing water out of Tulloch for instream flow until it could be determined whose water was going down the river. The Districts made such a request because all the stored water in New Melones at the time, plus the projected run-off, was the Districts' water pursuant to the 1988 Agreement with Reclamation.

Reclamation and DWR have sought re-consultation on the COA. Reclamation has commenced a 5-year process to obtain a new BO. Reclamation needs to develop a Plan of Operation for New Melones and the Districts will be participating in the development of that Plan. If the Plan of Operation is the same as Appendix 2e, or close, then New Melones will continue to struggle with depleted storage levels. Depleted storage in New Melones impacts the Districts in two ways:

1. A direct action for "take" executed against the Districts by NMFS.
2. The SWB looking to reduce the Districts' diversions through an unreasonable waste and use actions.

Take-Away from OCAP BO Challenge:

1. OID is between a rock and a hard spot in dealing with NMFS and the SWB in the use of their regulatory powers on ESA.

OID Needs:

1. More science on the river regarding fish, habitat and predation control will help.
2. Those efforts take money. How much and where's it coming from?
3. What's the Plan to assist in that effort?

Sustainable Groundwater Management Act (SGMA)

In September of 2014, Governor Edmund G. Brown signed the Sustainable Groundwater Management Act of 2014 ("SGMA") into law, which changed the landscape of groundwater management in California. SGMA is a comprehensive three bill package that sets the framework for statewide sustainable groundwater management by local agencies. SGMA requires, among other items, the formation of GSAs and the preparation of Groundwater Sustainability Plans ("GSP") with a focus on long-term sustainability. Formation of a GSA must occur no later than June 30, 2017. Development of a GSP must be adopted no later than January 31, 2022 for high and medium priority basins and in January 31, 2020 for critically over drafted basins.

OID has lands in two sub-basins: 60% of its lands, all south of the Stanislaus River, are in the Modesto Sub-Basin GSA. 40% of its lands, all north of the Stanislaus River, are in the Eastern San Joaquin Sub-Basin.

****Modesto Sub-Basin GSA**

The Modesto Sub-basin, is designated as a high-priority basin. SGMA requires each sub-basin to form a GSA by the end of June 2017. The Stanislaus and Tuolumne Rivers Groundwater Basin Association ("STRGBA") member agencies of the cities of Oakdale, Riverbank, Modesto, and Waterford, Stanislaus County, Oakdale Irrigation District and Modesto Irrigation District make up the Modesto Sub-Basin GSA. As a note, that's one GSA with 7 member agencies.

As a high-priority basin, the Modesto Sub-Basin GSA needs to develop a Groundwater Sustainability Plan (GSP) by January 31, 2022. The GSP will identify how the basin will reach groundwater sustainability within the next 20 years.

****Eastern San Joaquin Sub-Basin GSA**

The Eastern San Joaquin Sub-Basin is designated as a high-priority critically over drafted basin. There are 16 standalone GSA's in this sub-basin, of which OID is one representing its interests north of the Stanislaus River. The collective of these individual GSA's will manage the development and implementation of its' collective GSP to satisfy SGMA.

As a high-priority critically over drafted basin, the Eastern San Joaquin Sub-Basin GSA is required to have its GSP ready by January 31, 2020. This is 2-years ahead of the Modesto Sub-Basin.

Take-Away from SGMA Challenge:

1. The management of the GSA will have fixed costs that OID will incur or pay for GSA management.
2. The GSP's will have capital costs that OID will incur as with all members of the GSA.
3. OID will need to use its surplus water supply in some capacity to benefit the aquifer and to reach sustainability as required by law.

OID Needs:

1. OID needs the GSP sooner rather than later to answer the following questions:

- a. How much water and where committed is needed to solve OID's GW sustainability issue?
 - b. How much water and where committed is needed to solve the Stanislaus Sub Basin sustainability issue?
 - c. How much water and where committed is needed to solve the East San Joaquin Sub Basin sustainability issue?
 - d. What projects in the OID service area, both north and south of the river, can be identified to reduce aquifer decline?
 - e. What are the costs and extent of those projects?
 - f. Where's the money going to come from to meet OID's cost-share of those projects?
2. What is the Plan that will balance the SWB WQCP taking of OID surface water and the legal and legislative mandates of SGMA?
 3. What if the loss of water from the WQCP impacts either Sub Basin's ability to meet obligations under SGMA?
 4. What's the Plan for addressing these issues?

Water Code-Agricultural Water Suppliers [10608.48] (Also known as SBx7-7)

The Water Conservation Act of 2009 was passed by the California Legislature with a number of compliance requirements for water suppliers. Among those were:

1. That agricultural water suppliers shall measure the volume of water delivered to each customer at a sufficient accuracy of measurement.
2. Adopt a pricing structure for water customers based at least in part on quantity delivered.

As of 2015 OID is compliant with (2) and is continuing to progress, on an improved DWR timeline that is outlined in OID's Ag Water Management Plan, in its compliance.

Agricultural water suppliers were also required to implement additional efficient management practices, including, but not limited to, practices to accomplish all of the following:

1. Facilitate alternative land use for lands with exceptionally high water duties or whose irrigation contributes to significant problems, including drainage.
2. Facilitate use of available recycled water that otherwise would not be used beneficially, meets all health and safety criteria, and does not harm crops or soils.
3. Facilitate the financing of capital improvements for on-farm irrigation systems.
4. Implement an incentive pricing structure that promotes one or more of the following goals:
 - a. More efficient water use at the farm level.
 - b. Conjunctive use of groundwater.
 - c. Appropriate increase of groundwater recharge.
 - d. Reduction in problem drainage.
 - e. Improved management of environmental resources.
 - f. Effective management of all water sources throughout the year by adjusting seasonal pricing structures based on current conditions.
5. Expand line or pipe distribution systems, and construct regulatory reservoirs to increase distribution system flexibility and capacity, decrease maintenance, and reduce seepage.
6. Increase flexibility in water ordering by, and delivery to, water customers within operational limits.
7. Construct and operate supplier spill and tailwater recovery systems.
8. Increase planned conjunctive use of surface water and groundwater within the supplier service area.
9. Automate canal control structures.
10. Facilitate or promote customer pump testing and evaluation.
11. Designate a water conservation coordinator who will develop and implement the water management plan and prepare progress reports.

12. Provide for the availability of water management services to water users. These services may include, but are not limited to, all of the following:
 - a. On-farm irrigation and drainage system evaluations.
 - b. Normal year and real-time irrigation scheduling and crop evapotranspiration information.
 - c. Surface water, groundwater, and drainage water quantity and quality data.
 - d. Agricultural water management educational programs and materials for farmers, staff, and the public.
13. Evaluate the policies of agencies that provide the supplier with water to identify the potential for institutional changes to allow more flexible water deliveries and storage.
14. Evaluate and improve the efficiencies of the supplier's pumps.

To show progress is being made in these areas, Agricultural water suppliers shall include in the agricultural water management plans required pursuant to Part 2.8 (commencing with Section 10800) a report on which efficient water management practices have been implemented and are planned to be implemented, an estimate of the water use efficiency improvements that have occurred since the last report, and an estimate of the water use efficiency improvements estimated to occur five and 10 years in the future. If an agricultural water supplier determines that an efficient water management practice is not locally cost effective or technically feasible, the supplier shall submit information documenting that determination.

Take Away from SBx7-7 Challenge:

1. This legislation added close to \$1 million a year to the OID budget just in tracking, measuring and reporting water to the farm gate.
2. The structural components itemized in (1) – (14) will cost another \$2-\$4 million in compliance annually.

Needs of OID:

1. OID will need to develop a capital construction time table with compliance target dates in order to begin addressing these improvement elements that the State wants to see for Agricultural water suppliers in the State.
2. How much is the price tag on this and where's the money going to come from?

Uncertainty

It is uncertain from the regulatory processes how the regulatory processes will end. Will the SWB adopt and implement 40% Unimpaired flow? What will Reclamation use as a plan of operation for the OCAP-BO consultation? When and to what standards will "sustainable groundwater" within the basin be determined?

Timing

The uncertainty in the regulatory process is amplified by the timing of those processes. When will the SWB be able to implement the WQCP, when will NMFS finish the OCAP-BO, when will the GSAs determine sustainability. Some water may serve needs in the short term that will have to go to another use at a later time.

Local Commitments

Both the uncertainty and the timing of these processes make it difficult or nearly impossible to firm up a water supply commitment to buyers. Locally, we hear sphere of influence lands wish to purchase water from OID when available. These water users also want certainty that the infrastructure needs to take and distribute that water is not left stranded without a payback. They need certainty in length and duration of water availability in order to make that financial commitment. Once that is known, a Policy supporting sphere of influence lands with some relative certainty could then be developed by OID.

City of Oakdale future water supply needs should also be evaluated in the Plan update. Their certainty about future water supply and how that may mix with future SGMA management policies should be spelled out clearly in a Plan update. As their future water source, OID and the City need this obligation clearly spelled out. The Plan update should correct that.

Summary

OID needs an updated Water Resources Plan to address and chart out its future over the next 5-10 years. The challenges as outlined are too complex and intertwined to think OID can piecemeal a functional path forward by itself. Not doing so could easily jeopardize OID's water, water rights and water users.

Partnership Opportunities

South San Joaquin Irrigation District and Stockton East Water District have expressed an interest in collaborating on aspects of this planning effort. Both see opportunities on how such an effort can benefit their planning needs as well.

OID and SSJID often forget there is only one (1) senior agricultural water right on the Stanislaus River and that it serves both Districts. With what's on the table, our collective future, they would like input into the Plan's development.

Recommendation

Staff recommends issuing a not to exceed Work Release for \$75,000 to CH2M Hill to develop a scope of work to prepare a revised Water Resources Plan to address current resource challenges, for the protection of water rights and evaluate the highest and best utilization those rights.

FISCAL IMPACT: None

ATTACHMENTS: None

Board Motion:

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

VOTE

Webb (Yes/No) Doornenbal (Yes/No) Osmundson (Yes/No) Altieri (Yes/No) Santos (Yes/No)

Action(s) to be taken:



COMMUNICATIONS

**BOARD MEETING OF
MARCH 20, 2018**

DEPARTMENT OF WATER RESOURCES

1416 NINTH STREET, P.O. BOX 942836
SACRAMENTO, CA 94236-0001
(916) 653-5791

Received

MAR 12 2018

Oakdale ID



March 8, 2018

**SUBJECT: Notification of Annual Fee Increases in Fiscal Year 2018/2019
California Dam Safety Program**

The Department of Water Resources, Division of Safety of Dams (DSOD) remains committed to its mission of protecting the public through the regulation of dam safety in the most cost-effective manner. California's Dam Safety Program (Program) is funded solely through annual fees and application filing fees. Revenues collected from dam fees are used entirely to support the Program. As a dam owner, you play a key role in dam safety by maintaining, repairing, and operating your dam in a safe and proper manner and through your support of this Program.

Consistent with the Governor's four-point plan to bolster dam safety in California, we are completing a five-year analysis of our estimated operating expenses and the fees required to adequately support the Program. Over the last 10 years, fee increases have averaged 4.2% annually; however, with the recent program expansion and additional regulatory oversight required statewide, additional fee increases may be required over the next five years.

Recent legislation directed/authorized DSOD to adopt through emergency regulations a revised schedule of fees to be effective in Fiscal Year 2018/2019. Components of the proposed fee schedule will still be a flat fee per dam and a fee based on a per foot basis.

We appreciate your cooperation as we move through the rulemaking process and will keep you informed of opportunities to comment on the proposed regulation. If you have any questions, you may call Andrew Mangney, Field Engineering Branch Chief, at (916) 227-9800.

Sincerely,

A handwritten signature in cursive script that reads "Sharon K. Tapia".

Sharon K. Tapia, Chief
Division of Safety of Dams

DEPARTMENT OF WATER RESOURCES

1416 NINTH STREET, P.O. BOX 942836
SACRAMENTO, CA 94236-0001
(916) 653-5791



March 8, 2018

NOTICE OF PROPOSED EMERGENCY REGULATORY ACTION

Subject: Annual Fees

The California Department of Water Resources (Department) proposes this emergency rulemaking action under the Administrative Procedure Act (APA) to adopt regulations that detail a schedule of fees to cover the Department's reasonable budgetary costs in carrying out the supervision of dam safety. These emergency regulations set forth the Department's method for determining this schedule of fees. Specifically, the Department is proposing a fee schedule based on specified terms and equations; moreover, this fee schedule process is similar to fee schedules adopted by other State regulatory agencies subject to variable revenue swings. As part of this process, a standardized method will define how the annual fee revenue will be determined; how the Department will adjust the fee each year to account for the over-collection or under-collection of revenue; and how the annual fee will be calculated. The Department proposes these emergency regulations for adoption into California Code of Regulations, Title 23, Division 2, Chapter 1, Article 3.

Under the APA, Government Code Section 11346.1, Subdivision (a)(2), requires that, at least five working days prior to submission of the proposed emergency action to the Office of Administrative Law (OAL), the adopting agency provide a notice of the proposed emergency action to every person who has filed a request for notice of regulatory action with the agency. After submission of the proposed emergency regulations to OAL, it shall allow interested persons five (5) calendar days to submit comments on the proposed emergency regulations as set forth in Government Code Section 11349.6. Upon submission, OAL will have ten (10) calendar days within which to review and decide on the proposed emergency regulations. The emergency regulations will become effective when OAL files the regulations with the Secretary of State.

The specific language of the Department's proposed emergency regulations and Finding of Emergency are posted on the Department's website at:

www.water.ca.gov/damsafety.

If you have any questions regarding this proposed emergency action, please contact Michael Waggoner, Assistant Chief, Field Engineering Branch, Division of Safety of Dams, Department of Water Resources, at (916) 227-9800.



CONDOR EARTH
21663 Brian Lane, P.O. Box 3905
Sonora, CA 95370
209.532.0361
Fax 209.532.0773
www.condorearth.com

WEEKLY CONSTRUCTION MANAGER'S REPORT

**Oakdale Irrigation District
Two-Mile Bar Tunnel Project
WEEK 45**

TO: Scott Lewis, Project Manager

COPY: Jason Jones, Eric Thorburn, Emily Sheldon – OID
Kyle White and Kim Tarantino – Condor

FROM: Ron Skaggs, Resident Engineer

DAY/DATE: Friday, March 9, 2018

PROJECT NO.: 3818G4

DISCUSSION

1. An accident occurred during the night shift of March 8/9. A DTDS miner sustained a significant electrical shock while working on the roadheader excavation machine, but fortunately only suffered minor injuries. No serious injuries were reported, and the miner is expected to return to work next week.
2. Tunnel advancement from the upstream portal continued with the roadheader excavation machine. Hard ground and electrical issues with the roadheader excavation machine continued to slow tunnel excavation this week; however, DTDS continued to advance the tunnel through the hard ground efficiently. Tunnel advancement was approximately 93 feet this week.
3. Tunnel excavation (from the upstream and downstream sites combined) is approximately 39% (~2,321 feet) complete.
4. Schedule Update:
 - DTDS submitted an updated baseline schedule on March 8, which indicates that DTDS is approximately 3 weeks (float) ahead of overall completion schedule.
 - Anticipated project substantial completion date remains January 2019 to accommodate wintertime canal tie-in (no change from prior report).
5. Submittals and RFI's:
 - There are currently no outstanding submittals.
 - There are currently two outstanding RFI's:
 - RFI 23, related to the canal access ramp improvements at the upstream portal, was submitted by DTDS on February 21. DTDS will revise and re-submit the RFI based on Condor's revised drawings sent on March 1.

- RFI 25, related to a third installation of additional ground support in the downstream tunnel, was submitted by DTDS on February 28. Condor is currently reviewing the RFI.

6. Contract Updates:

- Change Order 22 (amount: \$77,320.80), related to downstream tunnel additional ground support detailed in RFI 22, was signed by DTDS on March 1 and by OID on March 5.
- DTDS submitted Draft Invoice No. 11 (February) on March 6. Condor is currently reviewing the quantities on the invoice. No eCPR documentation has yet been submitted for the invoice.

X:\Project\3000_prj\3818G OID 2-Mile Bar\3818G4 TMB Construction\Construction Management\Condor Field Reports and Photos\Weekly Construction Reports\WCMR 20180309 OID TMB.docx





CLOSED SESSION ITEMS

BOARD MEETING OF MARCH 20, 2018