



REGULAR BOARD OF DIRECTORS MEETING

501 Taft Highway
Bakersfield, California

TUESDAY, February 15, 2022

AGENDA

CALL TO ORDER AND ANNOUNCEMENT OF QUORUM

12:00PM

CLOSED SESSION:

- A. Conference with Legal Counsel – Existing Litigation – Closed Session Pursuant to Gov. Code § 54956.9(d)(1):
 - 1. SWRCB Kern River
 - 2. Rosedale Rio Bravo Water Storage District, et al. v. Kern County Water Agency, et al.
- B. Conference with Legal Counsel – Initiation of Litigation – Closed Session Pursuant to Gov. Code § 54956.9(d)(4):
 - 1. Two Matters

REGULAR SESSION:

1:00PM

INTRODUCTION OF GUESTS AND PUBLIC

- I. **PUBLIC COMMENT** (Members of the public may address the Board of Directors on any matter not on the agenda, but absent extraordinary circumstances, the Board may not act on such matters. Members of the public may address items of interest that are listed on the agenda prior to the Board's decision on such items.)
- II. **CONSENT CALENDAR** (The Board will consider various non-controversial routine items and issues relating to matters which are of interest to the District. Any Board Member may request that any or all items be considered and acted upon independently of the others.)
 - A. Approval of Minutes from the Regular Board Meeting of January 18, 2022.
 - B. Approval of January/February District Construction and Water Banking Project(s) Disbursements.
 - C. Approval of January/February District Disbursements.
- III. **BUSINESS AND FINANCE** (The Board will consider various items and issues relating to financial matters which are of interest to the District.)
 - A. Business & Finance Committee Report – February 10, 2022.
 - i. Approval of December 2021 and January 2022 Financial Reports.
 - ii. Quarterly Investment Review.
 - iii. Credit Card Program Review.
- IV. **OPERATIONS AND PROJECTS** (The Board will consider various items and issues relating to matters which have been, or will be, considered by committees of the Board and which are of interest to the District.)
 - A. Operations and Projects Committee Report – February 1, 2022.

- i. District Facility and Maintenance Update.
- ii. District Encroachment Permit Report.
- iii. Pending Development Projects.
- iv. 18-Ditch Existing Public Access Easement.
- v. Sunset Groundwater Banking Project – Update.
- vi. Old River Groundwater Banking Project – Update.

B. Review and Approval of Central Branch Water Screen Project.

V. KERN RIVER REPORT (The Board will consider various items and issues relating to the Kern River of interest to the District.)

A. District Watermaster Report.

- i. State Water Project – 15% allocation.
- ii. Kern River Runoff Forecast – B-120.

B. Kern River Watermaster Report.

- i. Isabella Dam Safety Remediation Report.

C. District Groundwater Manager Report.

VI. MANAGER'S REPORT (The General Manager will discuss, and the Board will consider various items and issues relating to the ongoing and future operations of the District which are of interest to the Board)

A. Verbal.

- i. North West Kern Resource Conservation District Mobile Irrigation Lab Annual Report.
- ii. Water Application Information – Website Update.
- iii. Valley Ag Water Coalition Legislative Report.

B. External Agency Report.

- i. SGMA Update.

C. Water Banking Projects Report.

VII. ATTORNEY'S REPORT (Legal Counsel will discuss, and the Board will consider items and issues of legal interest to the District.)

VIII. BOARD MEMBER COMMENTS (This item provides Board Members with an opportunity to make announcements or provide general comments.)

IX. ADJOURN

Requests for disability related modifications or accommodations, including auxiliary aids or services may be made by telephoning or contacting Madelyne Rodriguez at the District Office (661-834-4656). Please attempt to make such requests known at least 24 hours before the scheduled meeting. Pursuant to Government Code section 54957.5, any materials relating to an open session item on this agenda, distributed to the Board of Directors after the distribution of the agenda packet, will be made available for public inspection at the time of distribution at the District, 501 Taft Highway, Bakersfield, CA.

Tab II





To: Kern Delta Water District Board of Directors

From: Steven Teglia – General Manager

Date: February 15, 2022

Re: Agenda Item II – Consent Calendar

RECOMMENDATION:

Approve items A through C listed under Agenda Item II – Consent Calendar.

DISCUSSION:

Consent Calendar items are non-controversial routine matters. Board Members may request that any or all items listed under the Consent Calendar be moved to the regular agenda to be discussed and voted on separately. Otherwise, all items will be approved through one motion and vote.

II A. Approval of Minutes from the Regular Board Meeting of January 18, 2022 (attached).

II B. Approval of January/February District Construction and Water Banking Project(s) Disbursements totaling \$628,480.79* (attached), partially recommended for approval by the Operations and Projects Committee (*see February 1, 2022 Operations and Projects Committee Minutes for additional detail*).

II C. Approval of January/February District Disbursements (attached) recommended for approval by the Business and Finance Committee (*see February 10, 2022 Business and Finance Committee Minutes for additional detail*).

**The total includes disbursements approved by the Operations and Projects Committee (\$161,950.22) and an additional amount (\$466,530.57) for invoices which came in after February 1, 2022.*



MINUTES OF THE REGULAR MEETING OF THE BOARD OF DIRECTORS

January 18, 2022

TUESDAY, January 18, 2022, 12:02PM– 3:34PM

DIRECTORS PRESENT: Palla, Kaiser, Tillema, Antongiovanni, Garone, Mendonca, Spitzer, and Fanucchi.

DIRECTORS ABSENT: Collins.

STAFF PRESENT: General Manager Teglia, Water Resources Manager Mulkay, Assistant General Manager Bellue, General Counsel Iger, Controller Duncan, and Groundwater Manager Marquez.

OTHERS PRESENT: None.

CLOSED SESSION DECLARED AT 12:02PM

President Palla called to order the Closed Session of the Kern Delta Board of Directors at 12:02PM regarding the following agenda items:

A. Conference with Legal Counsel – Existing Litigation – Closed Session Pursuant to Gov. Code § 54956.9(d)(1):

1. SWRCB Kern River
2. Rosedale Rio Bravo Water Storage District, et al. v. Kern County Water Agency, et al.

B. Conference with Legal Counsel – Initiation of Litigation – Closed Session Pursuant to Gov. Code § 54956.9(d)(4):

1. One Matter

Closed Session concluded at 1:30PM.

REGULAR SESSION DECLARED AT 1:34PM

President Palla called to order the Regular Session of the Kern Delta Board of Directors at 1:34PM.

Closed Session Report: District General Counsel Iger reported the following:

Item A: No reportable action.

Item B: No reportable action.

INTRODUCTION OF GUESTS AND PUBLIC

None.

I. PUBLIC COMMENT

None.

II. CONSENT CALENDAR

M/S/C (Spitzer/Mendonca) (yes-8, no-0): By unanimous vote, with Director Collins absent, the Board approved and authorized items II A through II D of the Consent Calendar as presented.

- A. Approval of Minutes from the Regular Board Meeting of December 7, 2021.
- B. Approval of the November/December District Construction and Water Banking Disbursements.
- C. Approval of the November/December District Disbursements.
- D. Approval of Resolution 2022-01 – Consent for Temporary Water Service Contract Between the United States and Kern delta Water District (Section 215 Water).

III. BUSINESS AND FINANCE

A. Business & Finance Committee – December 16, 2021 (January 13, 2022 – Canceled): District Controller Duncan provided a report from the December Business & Finance Committee Meeting.

A(i). Approval of December/January District Construction and Water Banking Project(s) Disbursements: Due to the cancellation of the January 13, 2022 Business and Finance Committee meeting, staff did not have a chance to review the December/January construction and water banking project(s) disbursements with the committee. As such the disbursements were presented to the full Board for review and approval.

A(ii). Approval of December/January District Disbursements: Due to the cancellation of the January 13, 2022 Business and Finance Committee meeting, staff did not have a chance to review the December/January District disbursements with the committee. As such the disbursements were presented to the full Board for review and approval.

A(iii). Approval of November 2021 Financial Reports: Mr. Duncan presented the November 2021 District and Water Banking Project(s) Financial Statements, Treasurer's Reports, and District Delinquency Report.

M/S/C (Antongiovanni/Tillema) (yes-8, no-0): By unanimous vote, with Director Collins absent, the Board approved the December/January District Construction and Water Banking Project(s) Disbursements; the December/January District Disbursements; and the November 2021 District and Water Banking Project(s) Financial Statements, Treasurer's Reports, and Delinquency Report as presented.

IV. OPERATIONS AND PROJECTS

A. - A(i-v). Operations and Projects Committee – December 7, 2021 (January 4, 2022 - Canceled): Assistant General Manager Bellue briefly reported on the December 7, 2021 Operations and Projects Committee meeting. Mr. Bellue's update included District maintenance activities, recent encroachment permit requests, pending development projects impacting District facilities, and status updates related to both the Sunset Groundwater Recharge Facility project and the Old River Basins project.

V. KERN RIVER WATERMASTER

A. - A(i-ii). District Watermaster Report: Staff reviewed and discussed the water supplies of the District for the month of December and early January. Approximately 2,041 acre-feet of water was delivered in District during December. Staff also provided information related to current precipitation totals and future forecasts.

B. - B(i-ii). Kern River Watermaster Report: The January Kern River Watermaster Report and Isabella construction update, provided by the Army Corps of Engineers, was included in the Board packet. In addition, staff reviewed a request from the Kern River Power Plant regarding reducing river flows to accommodate a construction project that is underway.

C. District Groundwater Manager Report: Groundwater Manager Marquez provided graphical information regarding depth to groundwater at various monitoring locations throughout the District.

VI. MANAGER'S REPORT

A. - A(i). Mr. Teglia provided a brief overview regarding the recent release of the Open ET platform and discussed the District's Land IQ program. Mr. Teglia explained that there is an opportunity for much of the Land IQ program cost to be offset by a SGMA implementation grant that will include funding for basin wide analysis by Land IQ for a four-year period. The spending plan for the above referenced grant is a coordinated effort that is being developed for submission on behalf of the entire Kern Subbasin.

B. External Agency Report: Mr. Teglia provided verbal comments supplementing a memorandum included in the Board package which provided information on the meetings and activities of various external agencies. These agencies include, but are not limited to, the Kern County Water Agency (including the status of the Delta Conveyance Project and Contract Extension), Kern Fan Authority, Kern River Watershed Coalition Authority, Kern Groundwater Authority, Kern River Groundwater Sustainability Agency, the South Valley Water Resources Authority, the Water Association of Kern County, and the Integrated Regional Water Management Plan.

C. Water Banking Projects Report: Mr. Teglia provided verbal comments supplementing a memorandum included in the Board package which provided information on water banking project activity on the Kern Fan. Mr. Teglia also conveyed that the District received a request from Metropolitan Water District of Southern California (MET) for the return of regulated water in 2022. Staff has developed a schedule with MET and will begin returning water to MET, via exchange, early in 2022.

VII. ATTORNEY'S REPORT

None.

VIII. BOARD MEMBER COMMENTS

None.

IX. ADJOURNMENT:

There being no further business, President Palla adjourned the meeting at approximately 3:34PM.

Respectfully Submitted,



Steven Teglia, General Manager

Approved by Board,



Richard Tillema, Board Secretary



To: Kern Delta Water District Board of Directors

From: Steven Teglia

Date: February 15, 2022

Re: Invoices and Disbursements, Special Projects & Water Banking Project Operation/Construction.

RECOMMENDATION:

Staff recommends payment of the following thirteen payables divided into three overall groups of: 1) water banking program design, construction, and construction support -- \$00.00; 2) water banking variable --\$161,950.22; 3) Kern Delta Water District construction -- \$00.00. The total expenditure in January for these areas is \$161,950.22 (plus additional PG&E well energy stand-by cost).

DISCUSSION:

The following thirteen payables can be divided into three overall groups: 1) water banking program design, construction and construction support, 2) water banking variable, and 3) Kern Delta construction.

First group (Water Banking Program Design, Construction, and Construction Support):

Second group (Water Banking Variable):

- 1) AEWS – \$17,321.63 (2014-2016 Wheeling Related Power)
- 2) Fred C. Gilbert, CO – \$1,272.81 (Sight glass)
- 3) KDWD – \$120,582.57 (2021 Labor)
- 4) PG&E – \$107.78 (AE-01, Power/stand-by energy cost for the wells associated with the Water Banking water production)
- 5) PG&E – \$62.52 (AE-02, Power/stand-by energy cost for the wells associated with the Water Banking water production)
- 6) PG&E – \$55.62 (AE-03, Power/stand-by energy cost for the wells associated with the Water Banking water production)
- 7) PG&E – \$91.61 (AE-04, Power/stand-by energy cost for the wells associated with the Water Banking water production)
- 8) PG&E – \$50.26 (FR-03, Power/stand-by energy cost for the wells associated with the Water Banking water production)
- 9) PG&E – \$44.89 (KD-01, Power/stand-by energy cost for the wells associated with the Water Banking water production)
- 10) PG&E – \$34.99 (KD-02, Power/stand-by energy cost for the wells associated with the Water Banking water production)
- 11) PG&E – \$57.53 (KI-07, Power/stand-by energy cost for the wells associated with the Water Banking water production)

- 12) PG&E – \$62.26 (KI-08, Power/stand-by energy cost for the wells associated with the Water Banking water production)
- 13) Target Specialty – \$22,205.75 (Gallery, Defoamer)

Third group (Kern Delta Construction)

**KERN DELTA WATER BANKING PROGRAM DISBURSEMENTS
RECOMMENDED BY THE OPERATIONS & PROJECTS COMMITTEE**

Tuesday, February 1, 2022

#	PAYEE		AMOUNT	CHECK
1	AEWSD	2014-2016 Wheeling Related Power	17,321.63	3232
2	FRED C. GILBERT, CO	Sight Glass	1,272.81	3233
3	KDWD	2021 Labor	120,582.57	3234
4	PGE-AE1	Well Utilities	107.78	3235
5	PGE-AE2	Well Utilities	62.52	3236
6	PGE-AE3	Well Utilities	55.62	3237
7	PGE-AE4	Well Utilities	91.61	3238
8	PGE-FR3	Well Utilities	50.26	3239
9	PGE-KD1	Well Utilities	44.89	3240
10	PGE-KD2	Well Utilities	34.99	3241
11	PGE-KI7	Well Utilities	57.53	3242
12	PGE-KI8	Well Utilities	62.26	3243
13	TARGET SPECIALTY	Gallery, Defoamer	22,205.75	3244
TOTAL			161,950.22	

The following were received after the February 1, 2022 Operations & Projects committee meeting and will be reviewed at the February 10, 2022 Business and Finance Committee meeting. ☐

☐

KERN MACHINERY	Replace windows #401	12,140.62	3245
PGE-BV2	Well Utilities	59.33	3246
PGE-BV3	Well Utilities	46.31	3247
PGE-BV4	Well Utilities	60.92	3248
PGE-BV5	Well Utilities	59.87	3249
PGE-ST1	Well Utilities	29.31	3250
TOTAL			12,396.36

SUNSET WATER BANKING PROGRAM DISBURSEMENTS
RECOMMENDED BY THE OPERATIONS & PROJECTS COMMITTEE
Tuesday, February 1, 2022

#	PAYEE	AMOUNT	CHECK
1	WOOD BROS. Application 3	454,134.21	3
TOTAL		454,134.21	

The above was received after the February 1, 2022 Operations & Projects committee meeting and will be reviewed at the February 10, 2022 Business and Finance Committee meeting.

□

KERN DELTA WATER DISTRICT
DISBURSEMENTS RECOMMENDED BY THE BUSINESS AND FINANCE COMMITTEE
THURSDAY, FEBRUARY 10, 2022

JANUARY 2022 SUB TOTAL \$ 2,757,619.83

# PAYEE	AMOUNT	CHECK
1 AMERIFUEL - fuel	6,412.75	45319
2 BSE RENTS - cement	369.30	45320
3 BUDGET BOLT, INC. - bolts, washers #403	52.02	45321
4 CARQUEST, INC. - spark plugs #326	5.82	45322
5 COASTLINE EQUIPMENT - blades, bolts #326	709.85	45323
6 CORE & MAIN - pipe	8,767.69	45324
7 COUNTRY TIRE & WHEEL - flat repair #T-12	317.26	45325
8 ELLISON, SCHNEIDER & HARRIS L.L.P. - professional services	15,931.20	45326
9 GRAINGER - a/c filter	118.86	45327
10 JACKSON HIRSH - laminating supplies	207.16	45328
11 JERRY AND KEITH'S - hose #T-12	34.62	45329
12 JIM BURKE FORD - air/oil filters #326, rotors, pads #220	443.67	45330
13 KERN WATER BANK AUTHORITY - 2018 4% water purchase	11,292.60	45331
14 KRAZAN & ASSOCIATES, INC. - compaction testing	1,716.00	45332
15 MARCOM GROUP - website hosting	95.00	45333
16 NORTH KERN WATER STORAGE DISTRICT - weather mod	13,749.12	45334
17 NORTH WEST KERN RESOURCE CONSERVATION - 2022 dues	4,000.00	45335
18 PACIFIC GAS & ELECTRIC - office utilities	2,322.64	45336
19 PRINCIPAL LIFE INSURANCE - insurance premium	4,412.98	45337
20 PROGRESSIVE TECHNOLOGY, INC. - phone service	427.40	45338
21 RELIABLE JANITORIAL - office maintenance	1,185.00	45339
22 SAN JOAQUIN TRACTOR CO. - blades #403	567.45	45340
23 SCHWEBEL PETROLEUM - def	145.43	45341
24 SECRETARY OF STATE - exam fee	40.00	45342
25 SPARKLE TEXTILE RENTAL SERVICE - uniform service	1,596.82	45343
26 SPECTRUM - internet service	365.80	45344
27 SSD ALARM - alarm service	25.00	45345
28 STERICYCLE, INC. - recycling service	81.53	45346
29 STERLING ADMINISTRATION - hra admin	550.00	45347
30 STINSON STATIONERS - office supplies	653.78	45348
31 TARGET SPECIALTY PRODUCTS - finale, roundup	24,719.87	45349
32 UNITED AG BENEFIT TRUST - COBRA, M.Mulkay	969.50	45350
33 VALLEY AG WATER COALITION - 2022 dues	3,000.00	45351
34 VERIZON - cell service	653.65	45352
35 LAND IQ - February analysis	7,429.00	45353
36 VOID		45354-45383
37 CENTRALIZE HR - administration January	1,895.00	Wire
38 PAYROLL #2	67,226.61	Wire
39 PAYROLL PEOPLE #2	155.50	Wire
40 EDD-STATE P/R #2	4,351.74	Wire
41 EFT-IRS P/R #2	22,364.04	Wire
42 LINCOLN LIFE - retirement program	12,808.22	Wire
43 LINCOLN LIFE - deferred comp.	3,469.45	Wire
44 MASS MUTUAL - deferred comp.	1,840.00	Wire

JANUARY 2022 TOTAL 2,985,099.16

# PAYEE	AMOUNT	CHECK
1 A-1 ANSWERING SERVICE - answering service	640.55	45384
2 ACUMEN INFORMATION SYSTEMS - IT support	48.75	45385
3 AHERN RENTALS, INC. - forklift rental	772.59	45386
4 AMERICAN BUSINESS MACHINES - annual service agreement	614.85	45387
5 AMERIFUEL - fuel	8,338.00	45388
6 KEVIN ANTONGIOVANNI - directors fee	200.00	45389
7 BATTERY SYSTEMS, INC. - battery #106	311.63	45390
8 BUGNI HARDWARE AND FEED - pitchforks	1,466.99	45391
9 CALIFORNIA ASSOCIATION OF MUTUAL WATER COMPANIES - 2022 dues	100.00	45392
10 CARQUEST, INC. - brake cleaner	205.91	45393
11 ROBERT FANUCCHI - directors fee	100.00	45394
12 FRED GARONE - directors fee	200.00	45395
13 GRAINGER - hydraulic tank #323	146.56	45396
14 GREENFIELD COUNTY WATER DIST. - office utilities	155.28	45397
15 INDUSTRIAL MEDICAL GROUP - employee physicals	530.00	45398
16 JIM BURKE FORD - brake pads #323, new vehicle #229	25,233.42	45399
17 DAVID KAISER - directors fee	100.00	45400
18 KERN DELTA WATER BANKING PROJECT - 2021 spreading	3,574.29	45401
19 BOB MCBRIDE - catwalk supplies	2,550.00	45402
20 JOEY MENDONCA - directors fee	100.00	45403
21 RODNEY PALLA - directors fee	200.00	45404
22 PACIFIC GAS & ELECTRIC - office utilities	11.15	45405
23 PRICE DISPOSAL - office utilities	14.34	45406
24 PROGRESSIVE TECHNOLOGY, INC. - IT support	1,921.90	45407
25 SAGE SOFTWARE CANADA LTD. - IT support	240.29	45408
26 SCHWEBEL PETROLEUM - oil	1,074.16	45409
27 SAN JOAQUIN VALLEY AG. WATER COMMITTEE - 2022 dues	200.00	45410
28 ROSS E. SPITZER - director fees	100.00	45411
29 SULLY AND SON - hydraulic lines #403	247.63	45412
30 RICHARD TILLEMA - directors fees	200.00	45413
31 KC RECORDER - lien redemptions	80.00	45414
32 McMURTREY & HARTSOCK - professional services	12,670.00	45415
33 PAYROLL #3	67,018.77	Wire
34 PAYROLL PEOPLE #3	155.50	Wire
35 EDD-STATE P/R #3	4,360.91	Wire
36 EFT-IRS P/R #3	22,267.78	Wire
37 LINCOLN LIFE - retirement program	12,769.08	Wire
38 LINCOLN LIFE - deferred comp.	3,094.45	Wire
39 MASS MUTUAL - deferred comp.	1,765.00	Wire
FEBRUARY 2022 SUBTOTAL	173,779.78	

KERN DELTA WATER DISTRICT**Anticipated Disbursements - Month End - February 2022**

Payee	Reason	February 2022 Anticipated
AMERIFUEL	gas/diesel fuel	6,412.75
B & B SURPLUS	canal maintenance materials	1,242.51
BSE RENTS	concrete	450.00
BUDGET BOLT	maintenance materials	55.00
CARQUEST	brake fluid, lube	100.00
CORE & MAIN	pipe	8,767.00
COUNTRY TIRE	vehicle tires	2,500.00
ELLISON, SCHNEIDER & HARRIS	professional services	10,000.00
EL PUEBLO RESTAURANT	board meeting lunch	300.30
GRAINGER	safety materials	250.00
JERRY & KEITH'S	truck maintenance/repair	50.00
JIM BURKE	truck maintenance/repair	1,000.00
K.C. WASTE (PUBLIC WORKS)	dumping	1,800.00
LAND IQ	professional services	7,429.00
LINCOLN FINANCIAL	pension/deferred comp contributions	15,864.03
MARCOM GROUP	district web site support	95.00
MASSACHUSETTS MUTUAL	deferred comp contributions	1,765.00
NORTH KERN WSD	watermaster wages	1,650.00
O'REILLY AUTO PARTS	vehicle repair parts	300.00
ORKIN	pest control - office	85.00
P.G.&E.	district office utilities	2,322.64
PRINCIPAL LIFE INS.	dental/vision/life insurance premium	4,412.98
PROGRESSIVE TECH.	IT and computer system support	430.00
QUINN	motorgrader maintenance/repair	500.00
RELIABLE JANITORIAL	janitor service	1,185.00
SCHWEBEL PETROLEUM	oil/lubricants	350.00
SPARKLE	uniform/laundry service	1,596.82
SPECTRUM	internet access	365.80
SSD SYSTEMS	office alarm monitoring	125.00
STERICYCLE, INC (Shred-it)	office shredding and disposal	81.53
STINSON'S	office supplies	650.00
TARGET	weed control chemicals	24,719.87
UNITED AG	medical insurance premium	969.50
VACUSWEEP	office maintenance	200.00
VERIZON	cell phones and service	655.00
WESTAIR	welding supplies	450.00
		<u>99,129.73</u>

Tab III





SPECIAL BUSINESS & FINANCE COMMITTEE MEETING

**501 Taft Highway
Bakersfield, CA**

**THURSDAY, February 10, 2022
11:00AM**

A G E N D A

- 1. Call to order**
- 2. Public Comment Period**
- 3. Approve Minutes of December 16, 2021, Business & Finance Committee Meeting**
- 4. Financial Reports and Disbursements:**
 - a. Approve January and February District, Banking Project(s) Disbursements
 - b. Approve December 2021 and January 2022 Financial Reports
- 5. District Controller's Report:**
 - a. Quarterly Investment Review
 - b. Credit Card Program Review
- 6. Committee Comments**
- 7. Adjourn**

A handwritten signature in black ink, appearing to read "Bryan Duncan", with a long horizontal line extending to the right.

**Bryan Duncan
District Controller**

**Posted: Monday, February 7, 2022
Bakersfield, California**

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MINUTES OF THE SPECIAL BUSINESS & FINANCE COMMITTEE
Thursday, February 10, 2022

DIRECTORS PRESENT: Antongiovanni, Garone, Fanucchi

OTHERS PRESENT: From KDWD: General Manager Teglia, Water Resources Manager Mulkay, Assistant General Manager Bellue, Controller Duncan, General Counsel Iger, Administrative Assistant Rodriguez

1. CALL TO ORDER

Chair Antongiovanni called the meeting to order at 11:00 A.M.

2. PUBLIC COMMENTS

None.

3. APPROVAL OF PREVIOUS COMMITTEE MEETING MINUTES

- a. **M/S/C (Garone/Fanucchi) (yes – 3, no – 0):** The Business & Finance Committee approved the minutes of the Business & Finance Committee meeting held on December 16, 2021.

4. FINANCIAL REPORTS AND DISBURSEMENTS

- a.- b. Approval of January 2022 and February 2022 Disbursements and December 2021 and January 2022 Financial Reports. **M/S/C (Fanucchi/Garone) (yes – 3, no – 0):** The Business & Finance Committee recommends the Board approve the January 2022 and February 2022 District Disbursements, the updated January 2022 Water Banking Project(s) Disbursements, the anticipated February 2022 end of month Disbursements, the December 2021 District and Water Banking Project(s) Financial Statements and Treasurer's Reports, and the January 2022 District and Water Banking Project(s) Financial Statements, Treasurer's Reports, and Delinquency Report as presented.

5. DISTRICT CONTROLLER'S REPORT

- a. Staff presented and discussed the District's Quarterly Investment Review.
- b. Staff reviewed the performance to date of the District's Credit Card acceptance program.

6. ADJOURN

Chair Antongiovanni adjourned the meeting at 12:24 P.M.

Respectfully submitted,

Kevin Antongiovanni – Chair

**Kern Delta Water District
Balance Sheet
As of December 31, 2021**

<u>Assets</u>	<u>December 31, 2021</u>	<u>November 30, 2021</u>	<u>Month-to- Month Variance</u>
Current Assets:			
Cash & Securities in Bank	\$ 23,728,767	\$ 21,772,099	\$ 1,956,668
Accounts Receivable	1,167,670	142,245	1,025,425
Due From KDWP	120,583	-	120,583
Inventories & Prepaid Expenses	534,458	365,971	168,487
Total Current Assets	<u>25,551,478</u>	<u>22,280,315</u>	<u>3,271,162</u>
Fixed Assets			
District Structures, Rights of Way	\$ 18,134,377	\$ 18,057,036	\$ 77,341
Construction in Progress	-	-	-
CVC Expansion	8,776,668	8,776,668	-
Machinery & Equipment	2,477,676	2,477,143	533
	<u>29,388,721</u>	<u>29,310,846</u>	<u>77,874</u>
Accumulated Depreciation	<u>(7,108,491)</u>	<u>(7,069,146)</u>	<u>(39,345)</u>
Net Fixed Assets	<u>22,280,230</u>	<u>22,241,700</u>	<u>38,530</u>
Investment in Joint Powers Authority	\$ 25,505	\$ 25,505	\$ -
Investment in Sunset Program	500,000	500,000	-
Investment in MET Program	8,890,130	8,890,130	-
Total Assets	<u>\$ 57,247,343</u>	<u>\$ 53,937,651</u>	<u>\$ 3,309,692</u>
<u>Liabilities & Equity</u>			
Current Liabilities:			
Trade Accounts Payable	\$ 186,280	\$ 184,183	\$ 2,098
Due to Kern Delta Water Banking	3,574	-	3,574
Deferred Revenue	1,007,047	-	1,007,047
Accrued Liabilities	165,829	174,415	(8,586)
Total Current Liabilities	<u>1,362,730</u>	<u>358,598</u>	<u>1,004,132</u>
Long-Term Liabilities:			
Deposits Held for Others	\$ 316,059	\$ 124,669	\$ 191,390
Bonds & COP Borrowing	3,795,000	3,795,000	-
Bonds Premium & Costs	130,694	148,858	(18,164)
Total Long-Term Liabilities	<u>4,241,753</u>	<u>4,068,527</u>	<u>173,226</u>
Total Liabilities	<u>5,604,484</u>	<u>4,427,125</u>	<u>1,177,359</u>
Equity:			
Equity From Past Years	\$ 50,269,300	\$ 50,269,300	\$ -
Accumulative Equity - Current Year	1,373,560	(758,774)	2,132,334
Total Liabilities & Equity	<u>\$ 57,247,343</u>	<u>\$ 53,937,651</u>	<u>\$ 3,309,692</u>

Kern Delta Water District
Cash Variance Analysis
December 31, 2021

Cash Received:

Accounts Receivable Collections	350,592
Share of Property Tax Receipts	2,364,313
Interest Received	71
	<hr/>
	2,714,975
	<hr/>

Cash Disbursed:

Disbursements for Goods and Services:	
Weed Control Chemicals	(195,002)
Kern Asphalt - Paving Project	(77,341)
Lake Isabella 3rd Qtr Accounting	(65,689)
United Ag - monthly premium	(30,079)
Other Disbursements	(130,809)
FMV Adjustment to Kern County Funds	(25,023)
Payrolls Paid	(234,365)
	<hr/>
	(758,308)
	<hr/>

Net positive/(negative) variance	1,956,668
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Kern Delta Water District
Accounts Receivable Variance Analysis
December 31, 2021

Revenue Added to Accounts:

Water Sales - Utility Water	25,256
District Wells Revenue	25
Interest Receivable	45,361
Deposits Received	191,390
Assessments - 2022 Billing	1,007,047
NKWSD/Rio Bravo Power Plant Credit	32,117
Encroachment Permits	1,000
CVC Operating Costs Reimbursement	70,570
Penalties/Interest	285
Scrap metal sales	65
Other	2,902
	<hr/>
	1,376,017
	<hr/>

Cash Received on Account:

Water Payments	(32,095)
Misc Payments	(317,631)
Assessments Payments	(865)
	<hr/>
	(350,592)
	<hr/>

Net positive/(negative) variance	1,025,425
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**Kern Delta Water District
Inventory/Prepays Variance Analysis
December 31, 2021**

Additions to Accounts:

Weed Control Chemicals Purchased	195,002
Prepaid Additions	7,950
	<hr/>
	202,952

Usage/Amortization:

Chemicals Consumed During Month	(17,034)
Amortization of Prepaid Accounts	(17,431)
	<hr/>
	(34,465)

Net positive/(negative) variance	168,487
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Kern Delta Water District
Operating Results - Year To Date
Through the Year Ended December 31, 2021

	Actual Current Month	Actual Year to Date	Annual Budget	YTD as % of Annual Budget (Target is 100%)	Budget Remaining
REVENUES:					
State water sales	\$ -	\$ 305,245	\$ 1,179,193	26%	\$ 873,948
Utility water sales	22,934	1,614,890	3,214,297	50%	1,599,407
COB/Cal Water/GCWD Revenue	2,322	503,477	900,000	56%	396,523
Equalization	-	4,145	9,147	45%	5,003
Assessments	6	1,011,621	1,014,767	100%	3,146
Share of county tax	2,364,313	5,519,019	4,316,386	128%	(1,202,633)
Interest income	20,409	185,553	441,000	42%	255,447
Other income	36,387	274,960	175,000	157%	(99,960)
Water Transfer Charges	-	731,000	731,000	100%	-
Water Banking Expense Reimbursement	120,583	120,583	150,000	80%	29,417
Total income	\$ 2,566,954	\$ 10,270,494	\$ 12,130,790	85%	\$ 1,860,297
EXPENDITURES:					
Source of supply:					
State water costs	\$ -	\$ 2,318,103	\$ 2,725,000	85%	\$ 406,897
Exchange fees	6,375	7,775	76,500	10%	68,725
Watermaster, City, Isabella	11,302	261,068	361,400	72%	100,332
Miscellaneous source costs	14,867	11,987	500,000	2%	488,013
Total Source of supply	\$ 32,544	\$ 2,598,932	\$ 3,662,900	71%	\$ 1,063,968
Transmission and Distribution:					
Labor	\$ 226,662	\$ 2,582,038	\$ 2,627,040	98%	\$ 45,002
Employee benefits	77,569	825,797	842,305	98%	16,508
Maintenance & Repairs	66,529	919,603	1,197,812	77%	278,209
Total Transmission and Distribution	\$ 370,760	\$ 4,327,439	\$ 4,667,157	93%	\$ 339,718
Administrative & other costs:					
Engineering consultant	\$ 1,251	\$ 64,772	\$ 50,000	130%	\$ (14,772)
Legal consultants	4,380	9,984	200,000	5%	190,016
Special legal/engineering	35,502	329,548	200,000	165%	(129,548)
Kern River GSA	-	1,335	200,000	1%	198,665
Insurance	17,164	163,556	163,194	100%	(362)
Office operations	22,409	292,195	334,782	87%	42,587
Special expenses	(70,570)	453,893	576,500	79%	122,607
Construction Expense - Peripheral	-	30,152	-		
Bond Interest expense	(18,164)	127,783	131,290	97%	3,507
Depreciation	39,345	497,345	456,000	N/A	(41,345)
Total administrative & other	\$ 31,316	\$ 1,970,563	\$ 2,311,766	85%	\$ 371,355
Total expenses	\$ 434,620	\$ 8,896,934	\$ 10,641,823	84%	\$ 1,744,889
Net Fav/(Unfav) Operating Results	\$ 2,132,334	\$ 1,373,560	\$ 1,488,967		\$ 115,408

KERN DELTA WATER DISTRICT
Labor and Benefits Tracker
2021

Actual Cost	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	TOTAL 2021
Wages & Salaries	200,143	199,795	213,691	211,998	226,034	219,896	217,727	218,638	221,015	206,260	220,178	226,662	2,582,038
Payroll Taxes - Employer Paid	14,950	14,182	16,159	15,377	16,059	16,563	15,852	15,126	13,787	12,048	12,026	14,990	177,118
Medical/Dental/Vision - Cost	35,644	35,471	36,438	32,250	30,973	33,609	29,874	37,375	30,930	33,415	34,645	34,543	405,167
Medical/Dental/Vision - Employee Withheld	(5,157)	(4,658)	(5,140)	(4,958)	(5,035)	(4,873)	(5,124)	(5,146)	(6,836)	(4,468)	(4,468)	(4,468)	(60,331)
Life/LTD/AD&D	1,378	1,452	1,415	1,415	1,415	1,364	1,461	1,425	1,373	1,373	1,417	1,417	16,905
Retirement Plan	18,970	17,165	19,161	19,340	22,713	22,149	22,790	22,792	22,043	22,599	31,036	24,649	265,406
Uniforms and Other Benefits	1,115	1,168	1,316	1,741	754	1,092	1,549	3,183	861	774	1,542	6,438	21,533
Total Benefits	66,899	64,780	69,348	65,165	66,879	69,904	66,402	74,755	62,158	65,741	76,198	77,569	825,798
Total Labor and Benefits	267,043	264,575	283,040	277,163	292,913	289,800	284,129	293,393	283,173	272,001	296,376	304,231	3,407,836
Budgeted Cost													
Wages & Salaries	215,859	194,970	215,859	208,896	226,674	219,362	226,674	226,674	219,362	226,674	219,362	226,674	2,627,040
Payroll Taxes - Employer Paid	16,513	14,915	16,513	15,981	17,341	16,781	16,749	16,749	15,373	13,594	13,034	13,594	187,137
Medical/Dental/Vision - Cost	34,457	34,457	34,457	34,457	34,457	34,457	34,457	34,457	34,457	34,457	34,457	34,457	413,484
Medical/Dental/Vision - Employee Withheld	(4,960)	(4,960)	(4,960)	(4,960)	(4,960)	(4,960)	(4,960)	(4,960)	(4,960)	(4,960)	(4,960)	(4,960)	(59,520)
Life/LTD/AD&D	1,500	1,500	1,500	1,500	1,500	1,500	1,500	1,500	1,500	1,500	1,500	1,500	18,000
Retirement Plan	19,753	18,073	20,335	19,679	22,734	22,000	22,734	22,734	22,000	22,734	22,000	22,734	257,510
Uniforms and Other Benefits	2,123	2,123	2,123	2,123	2,123	2,123	2,123	2,123	2,123	2,123	2,123	2,123	25,476
Total Benefits	69,386	66,108	69,968	68,780	73,195	71,901	72,603	72,603	70,493	69,448	68,154	69,448	842,087
Total Labor and Benefits	285,245	261,078	285,827	277,676	299,869	291,263	299,277	299,277	289,855	296,122	287,516	296,122	3,469,127
Budget vs Actual Variance - Fav/(Unfav)													
Wages & Salaries	15,716	(4,825)	2,168	(3,102)	640	(534)	8,947	8,036	(1,653)	20,414	(816)	12	45,002
Payroll Taxes - Employer Paid	1,563	733	354	604	1,282	218	897	1,623	1,586	1,546	1,008	(1,396)	10,019
Medical/Dental/Vision - Cost	(1,187)	(1,014)	(1,981)	2,207	3,484	848	4,583	(2,918)	3,527	1,042	(188)	(86)	8,317
Medical/Dental/Vision - Employee Withheld	197	(302)	180	(2)	75	(87)	164	186	1,876	(492)	(492)	(492)	811
Life/LTD/AD&D	122	48	85	85	85	136	39	75	127	127	83	83	1,095
Retirement Plan	784	908	1,174	339	21	(149)	(56)	(58)	(43)	135	(9,036)	(1,915)	(7,896)
Uniforms and Other Benefits	1,008	955	807	382	1,369	1,031	574	(1,060)	1,262	1,349	581	(4,315)	3,943
Total Benefits	2,487	1,328	620	3,615	6,316	1,997	6,201	(2,152)	8,335	3,707	(8,044)	(8,121)	16,289
Total Labor and Benefits	18,203	(3,497)	2,787	513	6,956	1,463	15,148	5,884	6,682	24,121	(8,860)	(8,109)	61,291

KERN DELTA WATER DISTRICT

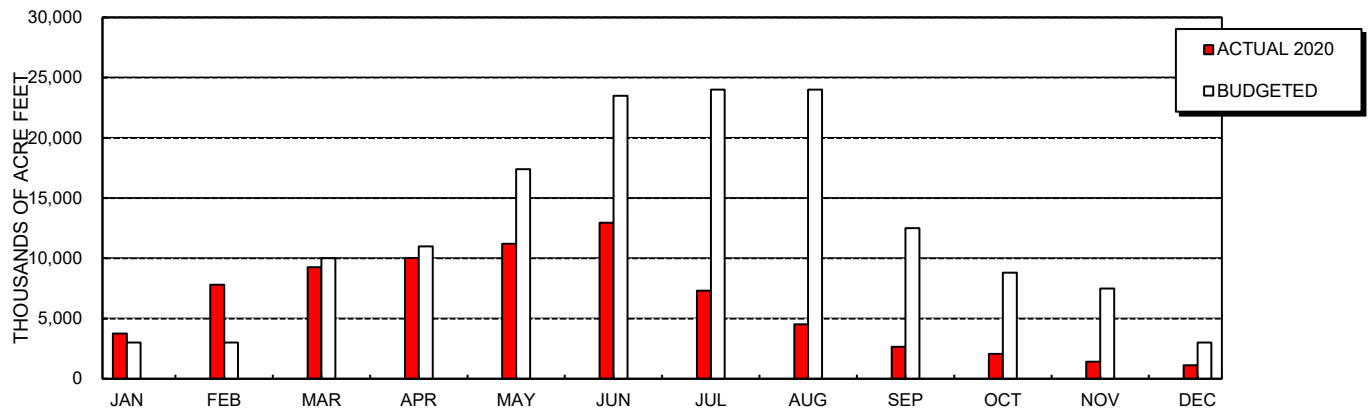
TREASURER'S REPORT

December 2021

	2021	2020	2019	2018
Cash & Securities on hand - December 1	\$ 21,772,099	\$ 21,764,053	\$ 19,902,778	\$ 16,834,341
Add: December receipts	2,714,975	2,387,843	2,424,359	2,369,123
Less: December disbursements	758,307	3,829,404	551,869	631,025
Cash & Securities on hand - December 31, 2021	\$ 23,728,767	\$ 20,322,492	\$ 21,775,268	\$ 18,572,440
Petty Cash \$ 500				
Citizens Business Bank 3,202,506				
Kern County Treasury 20,525,761				
\$ 23,728,767				
Restricted Reserves:				
Restricted Reserve Fund - Water Resources Manager	\$ (300,000)	\$ (300,000)	\$ (300,000)	\$ -
Unrestricted Reserves:				
Pipeline Maintenance	(213,845)	(213,845)	(213,845)	(213,845)
Water Rights Protection & Litigation Reserve	(2,718,358)	(3,003,655)	(3,229,363)	(3,303,755)
2015-A COP Reserve Fund	(4,015,000)	(4,015,000)	(372,600)	(372,600)
Operating Reserve	(5,000,000)	(5,000,000)		
Capital Reserve	(2,000,000)	(2,000,000)		
Groundwater Program Reserve	(3,500,000)	(3,500,000)		
Total Reserves	\$ (17,747,203)	\$ (18,032,500)	\$ (4,115,808)	\$ (3,890,200)
Cash Available - December 31, 2021	\$ 5,981,564	\$ 2,289,992	\$ 17,659,460	\$ 14,682,240

**Kern Delta Water District
Monthly Water Sales Volume
in Acre Feet**

	2020	2021										
	Actual (Accum- ulated)	Budgeted		Actual								
		Monthly	(Accum- ulated)	Monthly				Accumulated				% of Budget
				Utility	State	Contracts	Total	Utility	State	Contracts	Total	
JAN	4,488	3,000	3,000	3,612	0	145	3,757	3,612	0	145	3,757	125%
FEB	12,169	3,000	6,000	7,461	0	341	7,801	11,073	0	486	11,559	193%
MAR	17,600	10,000	16,000	8,881	0	371	9,252	19,954	0	857	20,811	130%
APR	21,713	11,000	27,000	9,608	0	411	10,018	29,561	0	1,268	30,829	114%
MAY	33,840	17,400	44,400	10,727	103	371	11,202	40,289	103	1,639	42,031	95%
JUN	54,218	23,500	67,900	11,179	1,460	316	12,955	51,468	1,563	1,955	54,986	81%
JUL	74,182	24,000	91,900	5,959	1,177	186	7,322	57,427	2,740	2,141	62,308	68%
AUG	85,938	24,000	115,900	3,690	611	225	4,526	61,117	3,351	2,366	66,834	58%
SEP	92,178	12,500	128,400	2,468	112	72	2,652	63,585	3,463	2,439	69,486	54%
OCT	96,158	8,800	137,200	1,941	0	118	2,059	65,526	3,463	2,556	71,544	52%
NOV	99,138	7,500	144,700	1,344	0	76	1,420	66,869	3,463	2,632	72,964	50%
DEC	100,282	3,000	147,700	1,052	0	69	1,121	67,922	3,463	2,701	74,086	50%



**Kern Delta Water Banking Project
Balance Sheet
December 31, 2021**

Assets

	December 31, 2021	November 30, 2021	Month-to- Month Variance
Current Assets:			
Cash & Securities in Bank	\$ 7,211,979	\$ 7,318,543	\$ (106,564)
Interest Receivable	14,676	-	14,676
Due from Metropolitan Water District	1,247,953	-	1,247,953
Other Receivables	51,882	-	51,882
Inventory and Prepaids	175,550	171,652	3,898
Due from KDWD	3,574	-	3,574
Total Current Assets	<u>\$ 8,705,614</u>	<u>\$ 7,490,195</u>	<u>\$ 1,215,419</u>
Fixed Assets at cost less depreciation:			
All structures	\$ 63,141,173	\$ 63,141,173	\$ -
Machinery and equipment	418,064	418,064	-
	<u>\$ 63,559,238</u>	<u>\$ 63,559,238</u>	<u>\$ -</u>
Less: Accumulated depreciation	(11,457,754)	(11,379,531)	(78,223)
Total fixed assets	<u>\$ 52,101,483</u>	<u>\$ 52,179,707</u>	<u>\$ (78,223)</u>
Investment in Sunset Banking Project	\$ 633,249	\$ 596,548	\$ 36,702
Other Assets	\$ 633,249	\$ 596,548	\$ 36,702
Total Assets	<u><u>\$ 61,440,347</u></u>	<u><u>\$ 60,266,450</u></u>	<u><u>\$ 1,173,898</u></u>

Liabilities & Equity

Current Liabilities:			
Trade accounts payable	\$ 18,194	\$ -	\$ 18,194
Due to KDWD	120,583	-	120,583
Total current liabilities	<u>\$ 138,776</u>	<u>\$ -</u>	<u>\$ 138,776</u>
Equity:			
Contributions to equity - KDWD (Land purchases)	\$ 8,890,130	\$ 8,890,130	\$ -
Equity from past years	52,202,620	52,202,620	-
Equity enhanced this year	208,821	(826,301)	1,035,122
Total Equity	<u>\$ 61,301,571</u>	<u>\$ 60,266,450</u>	<u>\$ 1,035,122</u>
Total Liabilities & Equity	<u><u>\$ 61,440,347</u></u>	<u><u>\$ 60,266,450</u></u>	<u><u>\$ 1,173,898</u></u>

Kern Delta Water Banking Project
Cash Variance Analysis
December 31, 2021

Cash Received:

Received from Sunset Project	15,180
Interest Received	46
	<hr/>
	15,226

Cash Disbursed:

Bill Zeiders - Sunset Project Invoice (pre-agreement)	(103,763)
Payments to PG&E	(1,060)
Weed Chemicals Purchased	(5,061)
Disbursements - Other	(3,752)
FMV Adjustment to Kern County Funds	(8,154)
	<hr/>
	(121,790)

Net positive/(negative) variance	(106,564)
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**Kern Delta Water Banking Project
Inventory/Prepays Variance Analysis
December 31, 2021**

Additions to Accounts:

Chemicals Purchased	5,062
	<hr/>
	5,062

Usage/Amortization:

Chemicals Consumed During Month	(1,164)
	<hr/>
	(1,164)

Net positive/(negative) variance	3,898
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**Kern Delta Water Banking Project
Statement of Operating Results
Through the Year Ended December 31, 2021**

	<u>Current Month</u>	<u>Year to Date</u>
REVENUE:		
MET Revenues	\$ 1,247,953	\$ 3,945,017
Water Sales	3,574	3,574
Interest Income	6,568	60,992
Total of all income	<u>\$ 1,258,096</u>	<u>\$ 4,009,583</u>
Transfer and Exchange Fees:		
Exchange Fees	\$ -	\$ 11,168
Wheeling Fees	17,322	17,322
Total Exchange Fees	<u>\$ 17,322</u>	<u>\$ 28,490</u>
Other Costs		
Power - KB1-8, KDW1-2	\$ 836	\$ 1,427,439
Power - AE1, AE2, AE3, AE4	570	478,395
Power - BV2, BV3, BV4, BV5 CVC	483	231,239
Operating Costs	-	320,851
CVC Power Costs	-	3,068
O&M Spreading	2,853	31,667
Other O&M & Miscellaneous Costs	122,688	161,890
Legal & Accounting	-	-
Depreciation	78,223	1,117,723
Total Other Costs	<u>\$ 205,653</u>	<u>\$ 3,772,272</u>
Total all expenses	<u>\$ 222,974</u>	<u>\$ 3,800,762</u>
Favorable/(Unfavorable) Operating Results	<u>\$ 1,035,122</u>	<u>\$ 208,821</u>
Estimated 4th Qtr Revenue - MWD		<u>\$ 900,000</u>
Estimated Fav/(Unfav) Operating Results		<u>\$ 1,108,821</u>

KERN DELTA WATER BANKING PROJECT

TREASURER'S REPORT

December

	2021	2020	2019	2018
Cash & Securities on hand - December 1, 2021	\$ 7,318,543	\$ 13,488,512	\$ 10,137,734	\$ 9,473,193
Add: December receipts	207,072	15,312	741,628	454,771
Less: December disbursements	313,636	856,187	831,727	668,161
Cash & Securities on hand - December 31, 2021	\$ 7,211,979	\$ 12,647,636	\$ 10,047,635	\$ 9,259,803
Citizens Business Bank \$ 621,278 Kern County Treasury <u>6,590,701</u> <u>\$ 7,211,979</u>				
Restricted Cash included in above:				
OM&R Spreading	\$ (259,281)	\$ 928,186	\$ 518,813	\$ (574,976)
OM&R Extraction	(690,438)	(161,022)	(137,772)	(189,289)
OM&R CVC/Delivery Canal	-	(3,534,492)	(3,225,816)	(3,318,405)
Take/Put Fees	(2,237,601)	(5,495,169)	(4,382,706)	(648,255)
Total Restricted	\$ (3,187,320)	\$ (8,262,497)	\$ (7,227,481)	\$ (4,730,925)
Cash Available for Construction - December 31, 2021	<u>\$ 4,024,659</u>	<u>\$ 4,385,139</u>	<u>\$ 2,820,155</u>	<u>\$ 4,528,880</u>

**Sunset Banking Project
Balance Sheet
As of December 31, 2021**

	December 31, 2021	November 30, 2021	Month-to- Month Variance
<u>Assets</u>			
Current Assets:			
Cash & Securities in Bank	\$ 1,497,397	\$ 1,897,789	\$ (400,393)
Interest Receivable	1,920	-	1,920
Total Current Assets	<u>1,499,317</u>	<u>1,897,789</u>	<u>(398,473)</u>
Fixed Assets			
Construction in Progress - Spreading Works	1,087,137	196,069	\$ 891,068
	<u>1,087,137</u>	<u>196,069</u>	<u>891,068</u>
Accumulated Depreciation	-	-	-
Net Fixed Assets	<u>1,087,137</u>	<u>196,069</u>	<u>891,068</u>
Total Assets	<u><u>\$ 2,586,454</u></u>	<u><u>\$ 2,093,858</u></u>	<u><u>\$ 492,595</u></u>
<u>Liabilities & Equity</u>			
Current Liabilities:			
Trade Accounts Payable	\$ 454,134		\$ 454,134
Total Current Liabilities	<u>454,134</u>	<u>-</u>	<u>454,134</u>
Equity:			
Contributions to Equity (pre-agreement) - KDWB	\$ 133,249	\$ 96,548	\$ 36,702
Contributions to Equity - KDWB	500,000	500,000	-
Contributions to Equity - KDWD	500,000	500,000	-
Contributions to Equity - AEWS	1,000,000	1,000,000	-
Equity From Past Years	-	-	-
Accumulative Equity - Current Year	(930)	(2,689)	1,759
Total Liabilities & Equity	<u><u>\$ 2,586,454</u></u>	<u><u>\$ 2,093,858</u></u>	<u><u>\$ 492,595</u></u>

Sunset Banking Project
Statement of Operating Results
Through the Year Ended December 31, 2021

	<u>Current Month</u>	<u>Year to Date</u>
REVENUE:		
Miscellaneous Income		100
Interest Income	1,759	(996)
Total of all revenue	\$ 1,759	\$ (896)
OTHER COSTS:		
Legal & Accounting	-	34
Total Other Costs	\$ -	\$ 34
Favorable/(Unfavorable) Operating Results	<u>\$ 1,759</u>	<u>\$ (930)</u>

SUNSET BANKING PROJECT

TREASURER'S REPORT

December 2021

		2021			
Cash & Securities on hand - December 1		\$ 1,897,789			
Add: December receipts		11			
Less: December disbursements		400,403			
Cash & Securities on hand - December 31, 2021		\$ 1,497,397	\$ -	\$ -	\$ -
Citizens Business Bank 300,343					
Kern County Treasury 1,197,054					
<u>\$ 1,497,397</u>					
Unrestricted Reserves:					
None					
Total Reserves		\$ -	\$ -	\$ -	\$ -
Cash Available - December 31, 2021		\$ 1,497,397	\$ -	\$ -	\$ -

**Kern Delta Water District
Balance Sheet
As of January 31, 2022**

<u>Assets</u>	<u>January 31, 2022</u>	<u>December 31, 2021</u>	<u>Month-to- Month Variance</u>
Current Assets:			
Cash & Securities in Bank	\$ 21,302,591	\$ 23,728,767	\$ (2,426,176)
Accounts Receivable	940,509	1,122,309	(181,799)
Interest Receivable	-	45,361	(45,361)
Due From KDWP	120,583	120,583	-
Inventories & Prepaid Expenses	524,006	534,458	(10,452)
Bond Discount & Costs	-	-	-
Total Current Assets	<u>22,887,689</u>	<u>25,551,478</u>	<u>(2,663,789)</u>
Fixed Assets			
District Structures, Rights of Way	\$ 18,134,377	\$ 18,134,377	\$ -
Construction in Progress	-	-	-
CVC Expansion	8,776,668	8,776,668	-
Machinery & Equipment	<u>2,541,939</u>	<u>2,477,676</u>	<u>64,263</u>
	29,452,984	29,388,721	64,263
Accumulated Depreciation	<u>(7,155,091)</u>	<u>(7,108,491)</u>	<u>(46,600)</u>
Net Fixed Assets	<u>22,297,893</u>	<u>22,280,230</u>	<u>17,663</u>
Investment in Joint Powers Authority	\$ 25,505	\$ 25,505	\$ -
Investment in Sunset Program	500,000	500,000	-
Investment in MET Program	<u>8,890,130</u>	<u>8,890,130</u>	<u>-</u>
Total Assets	<u>\$ 54,601,217</u>	<u>\$ 57,247,343</u>	<u>\$ (2,646,126)</u>
<u>Liabilities & Equity</u>			
Current Liabilities:			
Trade Accounts Payable	\$ 147,329	\$ 186,280	\$ (38,952)
Due to Kern Delta Water Banking	-	3,574	(3,574)
Deferred Revenue	-	1,007,047	(1,007,047)
Accrued Liabilities	<u>167,262</u>	<u>165,829</u>	<u>1,433</u>
Total Current Liabilities	<u>314,591</u>	<u>1,362,730</u>	<u>(1,048,139)</u>
Long-Term Liabilities:			
Deposits Held for Others	\$ 316,059	\$ 316,059	\$ -
Bonds & COP Borrowing	3,795,000	3,795,000	-
Bonds Premium & Costs	<u>130,694</u>	<u>130,694</u>	<u>-</u>
Total Long-Term Liabilities	<u>4,241,753</u>	<u>4,241,753</u>	<u>-</u>
Total Liabilities	<u>4,556,344</u>	<u>5,604,484</u>	<u>(1,048,139)</u>
Equity:			
Equity From Past Years	\$ 51,642,860	\$ 50,269,300	\$ 1,373,560
Accumulative Equity - Current Year	<u>(1,597,987)</u>	<u>1,373,560</u>	<u>(2,971,547)</u>
Total Liabilities & Equity	<u>\$ 54,601,217</u>	<u>\$ 57,247,343</u>	<u>\$ (2,646,126)</u>

Kern Delta Water District
Cash Variance Analysis
January 31, 2022

Cash Received:

Accounts Receivable Collections	505,762
Share of Property Tax Receipts	62,025
Interest Received	45,424
	<hr/>
	613,212
	<hr/>

Cash Disbursed:

KCWA - State Water Project 1st Installment 2021	(2,296,014)
KCWA - Pioneer Project 1st Quarter 2021 Charges	(117,026)
KCWA - Lower River Rights	(10,098)
KCWA - CVC O&M	(5,906)
Disbursements for Goods and Services:	
KDWBWP - 1st Qtr CVC O&M	(71,164)
Brock's Trailers - Trailer w/ Grappler	(55,792)
United Ag monthly premium	(30,078)
Weed Control Chemicals	(24,720)
Other Disbursements	(164,440)
FMV Adjustment to Kern County Funds	(36,520)
Payrolls Paid	(227,629)
	<hr/>
	(3,039,387)
	<hr/>

Net positive/(negative) variance	(2,426,176)
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Kern Delta Water District
Accounts Receivable Variance Analysis
January 31, 2022

Revenue Added to Accounts:

Water Sales - Utility Water	36,078
Annual Storm Drain Agreement(s)	85,567
NKWSD 1st Qtr	182,750
Other Misc Revenues:	
Misc Leases and Rentals	18,394
Encroachment Permits	350
Penalties/Interest	264
Other	559
	<hr/>
	323,963
	<hr/>

Cash Received on Account:

Water Payments	(28,427)
Misc Payments	(321,423)
Assessments Payments	(155,912)
	<hr/>
	(505,762)

Net positive/(negative) variance	(181,799)
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**Kern Delta Water District
Inventory/Prepays Variance Analysis
January 31, 2022**

Additions to Accounts:

Weed Control Chemicals Purchased	24,720
Prepaid Additions	-
	<hr/>
	24,720
	<hr/>

Usage/Amortization:

Chemicals Consumed During Month	(17,740)
Amortization of Prepaid Accounts	(17,432)
	<hr/>
	(35,172)
	<hr/>

Net positive/(negative) variance	(10,452)
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Kern Delta Water District
Operating Results - Year To Date
Through the Period Ended January 31, 2022

	Actual Current Month	Actual Year to Date	Annual Budget	YTD as % of Annual Budget (Target is 8%)	Budget Remaining
REVENUES:					
State water sales	\$ -	\$ -	\$ 992,439	0%	\$ 992,439
Utility water sales	\$ 36,078	\$ 36,078	3,214,296	1%	3,178,218
COB/Cal Water/GCWD Revenue	-	-	750,000	0%	750,000
Equalization	-	-	9,170	0%	9,170
Assessments	1,007,047	1,007,047	1,011,424	100%	4,377
Share of county tax	62,025	62,025	5,371,745	1%	5,309,720
Interest income	(36,457)	(36,457)	236,060	-15%	272,517
Other income	105,134	105,134	175,000	60%	69,866
Water Transfer Charges	182,750	182,750	731,000	25%	548,250
Water Banking Expense Reimbursement	-	-	150,000	0%	150,000
Total income	\$ 1,356,577	\$ 1,356,577	\$ 12,641,134	11%	\$ 11,284,557
EXPENDITURES:					
Source of supply:					
State water costs	\$ 2,296,014	\$ 2,296,014	\$ 3,000,000	77%	\$ 703,986
Exchange fees	(6,375)	(6,375)	76,500	-8%	82,875
Watermaster, City, Isabella	14,195	14,195	405,400	4%	391,205
Miscellaneous source costs	6,524	6,524	731,000	1%	724,476
Total Source of supply	\$ 2,310,358	\$ 2,310,358	\$ 4,212,900	55%	\$ 1,902,542
Transmission and Distribution:					
Labor	\$ 201,789	\$ 201,789	\$ 2,747,453	7%	\$ 2,545,664
Employee benefits	68,158	68,158	887,255	8%	819,097
Maintenance & Repairs	62,656	62,656	1,068,648	6%	1,005,992
Total Transmission and Distribution	\$ 332,603	\$ 332,603	\$ 4,703,356	7%	\$ 4,370,753
Administrative & other costs:					
Engineering consultant	\$ -	\$ -	\$ 100,000	0%	\$ 100,000
Legal consultants	-	-	60,000	0%	60,000
Special legal/engineering	13,436	13,436	300,000	4%	286,564
Kern River GSA	-	-	200,000	0%	200,000
Insurance	17,164	17,164	183,610	9%	166,446
Office operations	40,308	40,308	343,427	12%	303,119
Special expenses	194,096	194,096	791,500	25%	597,404
Construction Expense - Peripheral	-	-	-		
Bond Interest expense	-	-	123,541	0%	123,541
Depreciation	46,600	46,600	559,200	N/A	512,600
Total administrative & other	\$ 311,604	\$ 311,604	\$ 2,661,278	12%	\$ 2,349,674
Total expenses	\$ 2,954,564	\$ 2,954,564	\$ 11,577,534	26%	\$ 8,622,970
Net Fav/(Unfav) Operating Results	\$ (1,597,987)	\$ (1,597,987)	\$ 1,063,600		\$ 2,661,587

KERN DELTA WATER DISTRICT
Labor and Benefits Tracker
2022

Actual Cost	Jan	Feb	Mar	TOTAL 2021
Wages & Salaries	201,789			201,789
Payroll Taxes - Employer Paid	15,019			15,019
Medical/Dental/Vision - Cost	34,503			34,503
Medical/Dental/Vision - Employee Withheld	(4,136)			(4,136)
Life/LTD/AD&D	1,417			1,417
Retirement Plan	20,635			20,635
Uniforms and Other Benefits	720			720
Total Benefits	68,158	-	-	68,158
Total Labor and Benefits	269,947	-	-	269,947

Budgeted Cost				
Wages & Salaries	228,107			228,107
	-			
Payroll Taxes - Employer Paid	17,451			17,451
Medical/Dental/Vision - Cost	35,808			35,808
Medical/Dental/Vision - Employee Withheld	(5,222)			(5,222)
Life/LTD/AD&D	1,500			1,500
Retirement Plan	23,633			23,633
Uniforms and Other Benefits	1,730			1,730
Total Benefits	74,901	-	-	74,901
Total Labor and Benefits	303,008	-	-	303,008

Budget vs Actual Variance - Fav/(Unfav)				
Wages & Salaries	26,318	-	-	26,318
Payroll Taxes - Employer Paid	2,432	-	-	2,432
Medical/Dental/Vision - Cost	1,305	-	-	1,305
Medical/Dental/Vision - Employee Withheld	(1,086)	-	-	(1,086)
Life/LTD/AD&D	83	-	-	83
Retirement Plan	2,998	-	-	2,998
Uniforms and Other Benefits	1,010	-	-	1,010
Total Benefits	6,743	-	-	6,743
Total Labor and Benefits	33,061	-	-	33,061

KERN DELTA WATER DISTRICT

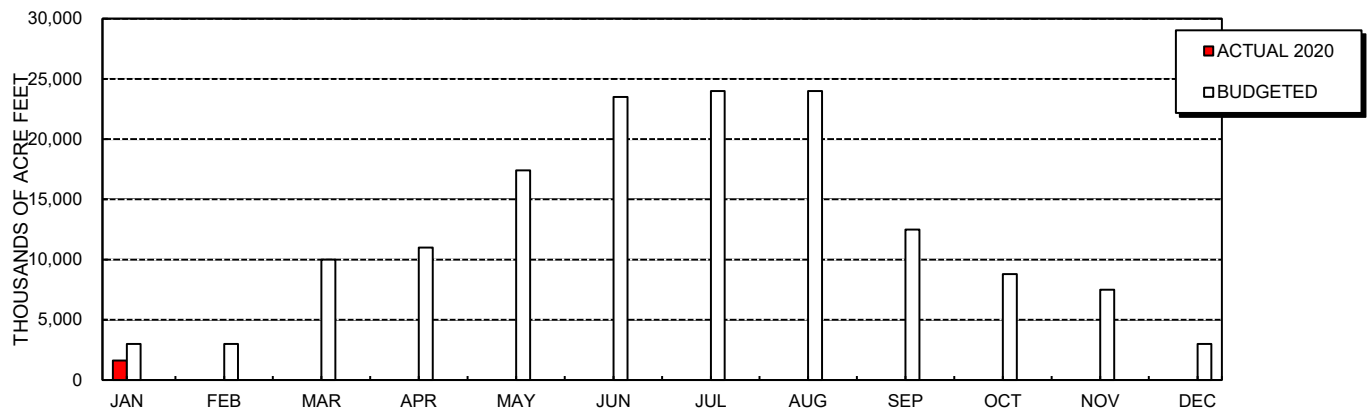
TREASURER'S REPORT

January 2022

	2022	2021	2020	2019
Cash & Securities on hand - January 1	\$ 23,728,767	\$ 20,322,492	\$ 21,775,268	\$ 18,572,440
Add: January receipts	613,585	4,496,995	657,150	327,439
Less: January disbursements	(3,039,761)	(636,465)	(2,413,954)	(2,624,729)
Cash & Securities on hand - January 31, 2022	\$ 21,302,591	\$ 24,183,021	\$ 20,018,463	\$ 16,275,150
Petty Cash \$ 500				
Citizens Business Bank 705,463				
Kern County Treasury 20,596,628				
\$ 21,302,591				
Restricted Reserves:				
Restricted Reserve Fund - Water Resources Manager	\$ (300,000)	\$ (300,000)	\$ (300,000)	\$ -
Unrestricted Reserves:				
Pipeline Maintenance	(213,845)	(213,845)	(213,845)	(213,845)
Water Rights Protection & Litigation Reserve	(2,718,358)	(2,953,535)	(3,228,554)	(3,292,265)
2015-A COP Reserve Fund	(4,015,000)	(4,015,000)	(372,600)	(372,600)
Operating Reserve	(5,000,000)	(5,000,000)		
Capital Reserve	(2,000,000)	(2,000,000)		
Groundwater Program Reserve	(3,500,000)	(3,500,000)		
Total Reserves	\$ (17,747,203)	\$ (17,982,380)	\$ (4,114,999)	\$ (3,878,710)
Cash Available - January 31, 2022	\$ 3,555,388	\$ 6,200,642	\$ 15,903,465	\$ 12,396,440

**Kern Delta Water District
Monthly Water Sales Volume
in Acre Feet**

	2021	2022										
	Actual (Accumulated)	Budgeted		Actual								
		Monthly	(Accumulated)	Monthly				Accumulated				% of Budget
				Utility	State	Contracts	Total	Utility	State	Contracts	Total	
JAN	3,757	3,000	3,000	1,503	0	113	1,617	1,503	0	113	1,617	54%
FEB	11,559	3,000	6,000									
MAR	20,811	10,000	16,000									
APR	30,829	11,000	27,000									
MAY	42,031	17,400	44,400									
JUN	54,986	23,500	67,900									
JUL	62,308	24,000	91,900									
AUG	66,834	24,000	115,900									
SEP	69,486	12,500	128,400									
OCT	71,544	8,800	137,200									
NOV	72,964	7,500	144,700									
DEC	74,086	3,000	147,700									



KERN DELTA WATER DISTRICT

Aged Accounts Receivable

Past Due Accounts

February 14, 2022

Account	Name	0-30 Days	31-60 Days	61-90 Days	Over 90 Days	Total Past Due
887	Forney, Bruce	6.36	6.27	6.18	411.62	430.43
1270	Jassar, Sikander & Daljeet	101.58	-	-	-	101.58
2362	Tesch, Greg	2.87	2.83	2.79	186.04	194.53
3529	Sanchez, Alfredo Hernandez	3.97	3.92	3.86	257.18	268.93
3616	Howell, Kenneth & Sylvia	1.49	1.47	1.45	96.68	101.09
	OTHER	1.61	11.95	2.11	93.06	108.73
		117.88	26.44	16.39	1,044.58	1,205.29

**Kern Delta Water Banking Project
Balance Sheet
January 31, 2022**

Assets

	January 31, 2022	December 31, 2021	Month-to- Month Variance
Current Assets:			
Cash & Securities in Bank	\$ 8,081,810	\$ 7,211,979	\$ 869,831
Interest Receivable	-	14,676	(14,676)
Due from Metropolitan Water District	-	1,247,953	(1,247,953)
Other Receivables	51,882	51,882	-
Inventory and Prepaids	158,095	175,550	(17,455)
Due from KDWD	-	3,574	(3,574)
Total Current Assets	<u>\$ 8,291,787</u>	<u>\$ 8,705,614</u>	<u>\$ (413,827)</u>
Fixed Assets at cost less depreciation:			
All structures	\$ 63,141,173	\$ 63,141,173	\$ -
Machinery and equipment	418,064	418,064	-
	<u>\$ 63,559,238</u>	<u>\$ 63,559,238</u>	<u>\$ -</u>
Less: Accumulated depreciation	(11,537,755)	(11,457,754)	(80,000)
Total fixed assets	<u>\$ 52,021,483</u>	<u>\$ 52,101,483</u>	<u>\$ (80,000)</u>
Investment in Sunset Banking Project	\$ 633,249	\$ 633,249	\$ -
Other Assets	\$ 633,249	\$ 633,249	\$ -
Total Assets	<u><u>\$ 60,946,520</u></u>	<u><u>\$ 61,440,347</u></u>	<u><u>\$ (493,828)</u></u>

Liabilities & Equity

Current Liabilities:			
Trade accounts payable	\$ -	\$ 18,194	\$ (18,194)
Due to KDWD	<u>-</u>	<u>120,583</u>	<u>(120,583)</u>
Total current liabilities	\$ -	\$ 138,776	\$ (138,776)
Equity:			
Contributions to equity - KDWD (Land purchases)	\$ 8,890,130	\$ 8,890,130	\$ -
Equity from past years	52,411,441	52,202,620	208,821
Equity enhanced this year	(355,051)	208,821	(563,872)
Total Equity	<u>\$ 60,946,520</u>	<u>\$ 61,301,571</u>	<u>\$ (355,051)</u>
Total Liabilities & Equity	<u><u>\$ 60,946,520</u></u>	<u><u>\$ 61,440,347</u></u>	<u><u>\$ (493,827)</u></u>

Kern Delta Water Banking Project
Cash Variance Analysis
January 31, 2022

Cash Received:

Received from MWD	1,247,953
Received From KDWD - CVC Ops/Power	71,164
Interest Received	14,694
	<u>1,333,811</u>

Cash Disbursed:

Transferred to KDWD - Allocated Labor	(120,583)
Payments to PG&E	(1,047)
KCWA - CVC Prepaid 1st Qtr 2022 CVC Ops & Power	(284,655)
Weed Chemicals Purchased	(22,206)
Disbursements - Other	(18,594)
FMV Adjustment to Kern County Funds	(16,895)
	<u>(463,979)</u>

Net positive/(negative) variance

869,831

**Kern Delta Water Banking Project
Inventory/Prepays Variance Analysis
January 31, 2022**

Additions to Accounts:

Chemicals Purchased	22,115
	<hr/>
	22,115

Usage/Amortization:

Chemicals Consumed During Month	(39,570)
	<hr/>
	(39,570)

Net positive/(negative) variance	(17,455)
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**Kern Delta Water Banking Project
Statement of Operating Results
Through the Period Ended January 31, 2022**

	<u>Current Month</u>	<u>Year to Date</u>
REVENUE:		
MET Revenues	\$ -	\$ -
Water Sales	(3,574)	(3,574)
Interest Income	<u>(16,878)</u>	<u>(16,878)</u>
Total of all income	\$ (20,452)	\$ (20,452)
 Transfer and Exchange Fees:		
Exchange Fees	\$ -	\$ -
Wheeling Fees	<u>-</u>	<u>-</u>
Total Exchange Fees	\$ -	\$ -
 Other Costs		
Power - KB1-8, KDW1-2	\$ 91	\$ 91
Power - AE1, AE2, AE3, AE4	84	84
Power - BV2, BV3, BV4, BV5 CVC	-	-
Operating Costs	212,327	212,327
CVC Power Costs	1,164	1,164
O&M Spreading	90	90
Other O&M & Miscellaneous Costs	40,843	40,843
Legal & Accounting	-	-
Depreciation	<u>80,000</u>	<u>80,000</u>
Total Other Costs	\$ 334,600	\$ 334,600
 Total all expenses	<u>\$ 334,600</u>	<u>\$ 334,600</u>
 Favorable/(Unfavorable) Operating Results	<u>\$ (355,051)</u>	<u>\$ (355,051)</u>
 Estimated 1st Qtr Revenue - MWD		\$ 250,000
Estimated Fav/(Unfav) Operating Results		<u>\$ (105,051)</u>

KERN DELTA WATER BANKING PROJECT

TREASURER'S REPORT

January

	2022	2021	2020	2019
Cash & Securities on hand - January 1, 2022	\$ 7,211,979	\$ 12,647,636	\$ 10,047,635	\$ 9,259,803
Add: January receipts	1,333,811	1,141,810	3,719,514	1,066,260
Less: January disbursements	(463,979)	(4,056,003)	(539,413)	(1,218,582)
Cash & Securities on hand - January 31, 2022	\$ 8,081,810	\$ 9,733,442	\$ 13,227,736	\$ 9,107,481
Citizens Business Bank	\$ 245,375			
Kern County Treasury	7,836,436			
\$ 8,081,810				
Restricted Cash included in above:				
OM&R Spreading	\$ (224,436)	\$ (453,737)	\$ 518,813	\$ (574,976)
OM&R Extraction	(600,182)	(500,000)	(137,772)	(189,289)
OM&R CVC/Delivery Canal	-	-	(3,225,816)	(3,318,405)
Take/Put Fees	(2,538,972)	(4,567,255)	(4,382,706)	(648,255)
Total Restricted	\$ (3,363,591)	\$ (5,520,992)	\$ (7,227,481)	\$ (4,730,925)
Cash Available for Construction - January 31, 2022	\$ 4,718,220	\$ 4,212,450	\$ 6,000,256	\$ 4,376,558

**Sunset Banking Project
Balance Sheet
As of January 31, 2022**

<u>Assets</u>	January 31, 2021	December 31, 2021	Month-to- Month Variance
Current Assets:			
Cash & Securities in Bank	\$ 1,497,209	\$ 1,497,397	\$ (188)
Interest Receivable	-	1,920	(1,920)
Total Current Assets	<u>1,497,209</u>	<u>1,499,317</u>	<u>(2,107)</u>
Fixed Assets			
Construction in Progress - Spreading Works	1,087,137	1,087,137	\$ -
	<u>1,087,137</u>	<u>1,087,137</u>	<u>-</u>
Accumulated Depreciation	-	-	-
Net Fixed Assets	<u>1,087,137</u>	<u>1,087,137</u>	<u>-</u>
Total Assets	<u><u>\$ 2,584,346</u></u>	<u><u>\$ 2,586,454</u></u>	<u><u>\$ (2,107)</u></u>
<u>Liabilities & Equity</u>			
Current Liabilities:			
Trade Accounts Payable	\$ 454,134	\$ 454,134	\$ -
Total Current Liabilities	<u>454,134</u>	<u>454,134</u>	<u>-</u>
Equity:			
Contributions to Equity (pre-agreement) - KDWB	\$ 133,249	\$ 133,249	\$ -
Contributions to Equity - KDWB	500,000	500,000	-
Contributions to Equity - KDWD	500,000	500,000	-
Contributions to Equity - AEWS	1,000,000	1,000,000	-
Equity From Past Years	(930)	-	(930)
Accumulative Equity - Current Year	<u>(2,107)</u>	<u>(930)</u>	<u>(1,178)</u>
Total Liabilities & Equity	<u><u>\$ 2,584,346</u></u>	<u><u>\$ 2,586,454</u></u>	<u><u>\$ (2,107)</u></u>

Sunset Banking Project
Statement of Operating Results
Through the Period Ended January 31, 2022

	<u>Current Month</u>	<u>Year to Date</u>
REVENUE:		
Miscellaneous Income		
Interest Income	(2,107)	(2,107)
Total of all revenue	\$ (2,107)	\$ (2,107)
OTHER COSTS:		
Legal & Accounting	-	-
Total Other Costs	\$ -	\$ -
Favorable/(Unfavorable) Operating Results	<u><u>\$ (2,107)</u></u>	<u><u>\$ (2,107)</u></u>

SUNSET BANKING PROJECT

TREASURER'S REPORT

January

	2022	2021		
Cash & Securities on hand - January 1	\$ 1,497,397	\$ -		
Add: January receipts	1,924	-		
Less: January disbursements	(2,112)	-		
Cash & Securities on hand - January 31, 2022	\$ 1,497,209	\$ -	\$ -	\$ -
Citizens Business Bank 300,347 Kern County Treasury 1,196,862 \$ 1,497,209				
Unrestricted Reserves:				
None				
Total Reserves	\$ -	\$ -	\$ -	\$ -
Cash Available - January 31, 2022	\$ 1,497,209	\$ -	\$ -	\$ -



To: Kern Delta Water District Business & Finance Committee

From: Bryan Duncan – Controller

Date: February 9, 2022

Re: Agenda Item 5a. – Quarterly Investment Review

RECOMMENDATION:

Receive report, informational item only.

DISCUSSION:

The Investment Policy of Kern Delta Water District requires the District's Treasurer to submit to the Board of Directors a quarterly investment report. In compliance with the directive of the Investment policy the District Controller will provide such a report to the District's Business & Finance Committee during the monthly meeting of said Committee in January, April, July, and October of each year. Due to illness and other constraints, the obligatory January 2022 report has been postponed to the February meeting of the Business & Finance Committee.

As of December 31, 2021, the investment portfolio of the District and the District's Water Banking Programs consisted of deposits held by the Kern County Treasury in the amount of \$20,576,276, \$6,606,921, and \$1,200,000 respectively for a total investment of \$28,383,197. As of December 31, 2021, these funds earned interest at an annualized rate of 0.838% compared to 1.001% as of June 30, 2021. The attached "Kern County Treasurer's Pooled Cash Portfolio Summary" describes the nature and mix of the investments managed by the Kern County Treasury for participants, including the District and the Banking Programs, in the County's Pooled Cash Portfolio.

As of December 31, 2021, the portfolio's Fair Market Value had declined to 99.58% of Original Cost – an unfavorable spread of 0.42%. Note the difference between FMV and Original Cost of U.S. Treasuries is \$20.6 million, an unfavorable spread of 1.19%. As U.S. Treasuries represent 35.6% of the entire portfolio, the performance of these instruments is a key factor in the overall performance of the portfolio. Note the following:

- The Original Cost (OC) of securities purchased and held by Kern County is also the FMV of those securities at the time of purchase.
- In a market where coupon rates are rising, the FMV of securities held with lower coupon rates tends to decline.

- The Federal Reserve has taken action in recent months to curb inflation by increasing the FR interest rate. Additional FR rate increases are expected by the end of the year. Consequentially to these actions, the FMV of Treasuries held by Kern County has fallen compared to OC. However, as currently held Treasuries mature, they will be replaced by Treasuries with increasing coupon rates. Hence, the variance between OC and FMV should decline in future months.
- Kern County holds all securities to maturity. This means the average yields are always realized and the OC is, with very few and only dire exceptions, always recovered.
- The principal of the cash the District has deposited at Kern County is completely safe and intact. If the District were to liquidate all cash at Kern County tomorrow and move it somewhere else, exactly 100% of those funds plus accrued interest would be moved. The FMV at that time, whether positive or negative, would not impact such a transaction in any way.
- Kern County shows FMV as a statutory requirement only.
- Similarly, Generally Accepted Accounting Principles (GAAP) requires the District's investments to be valued at the lower of OC and FMV. I look at it the same way as Depreciation – a non-cash accounting entry to comply with GAAP.

All investment actions executed by the District have been made in full compliance with the investment policy. The District will meet its expenditure obligations for the next six months.



Kern County Treasurer's Pooled Cash Portfolio Summary 12/31/2021

Total Market Value \$ 4,813,478,823

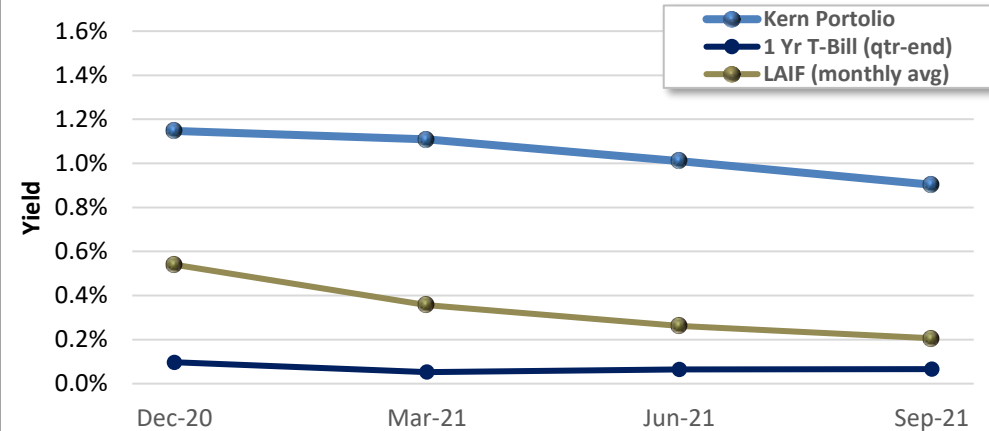
Yield to Maturity at Cost 0.89%

Yield to Maturity at Market 0.65%

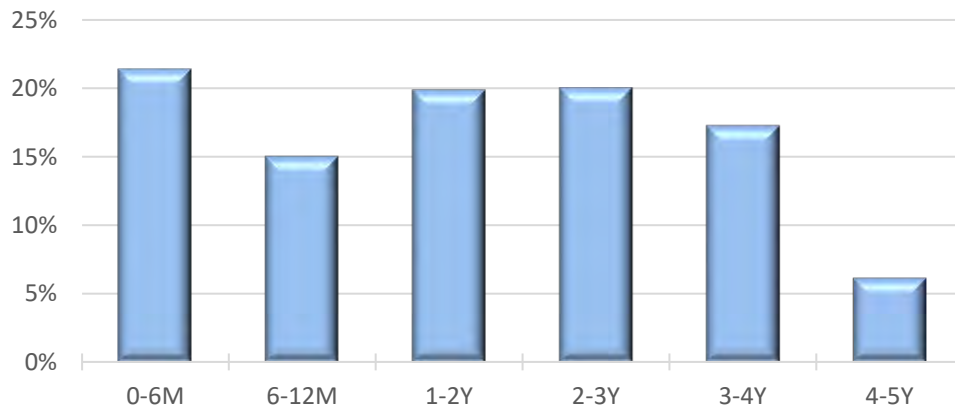
Effective Duration 1.66

Weighted Average Years to Maturity 1.77

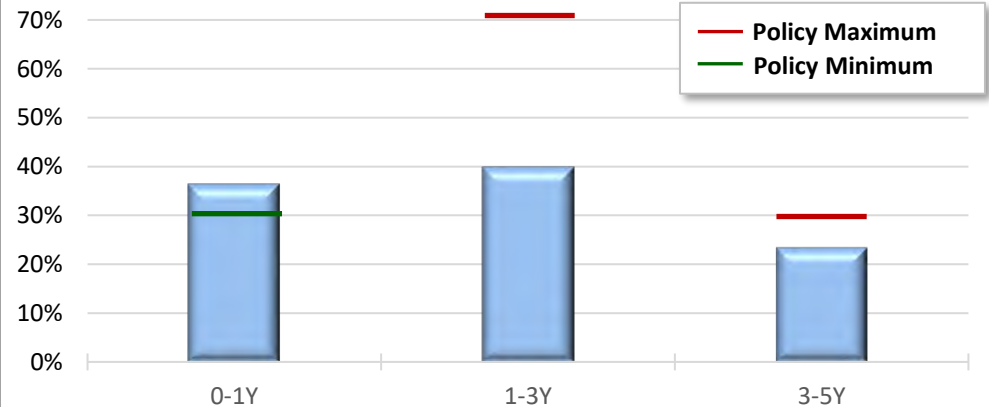
Portfolio Yield for the Trailing 4 Quarters



Maturity Distribution



Maturity Range



*The County Treasurer believes the Treasury Investment Pool contains sufficient cash flow from liquid and maturing securities, bank deposits, and incoming cash to meet the next six months of expected expenditures.

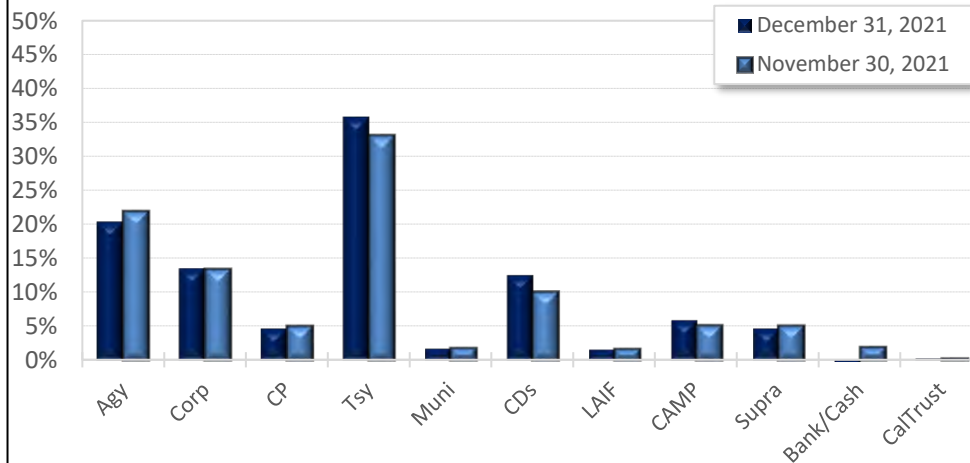


Kern County Treasurer's Pooled Cash Portfolio Summary

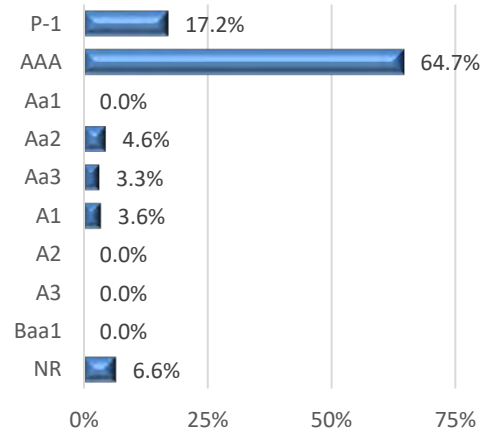
12/31/2021

Sector	Par Amount	Original Cost	Market Value	Original Yield	% of Total Assets	Policy Limit Rating	Days to Maturity
Local Agency Investment Fund	74,845,256	74,845,256	74,845,256	0.22%	1.55%	\$75 Million	1
California Asset Management Program	284,864,614	284,864,614	284,864,614	0.05%	5.92%	10%	1
CalTRUST	11,573,085	11,573,085	11,573,085	0.03%	0.24%	10%	1
Bank Sweep (ICS)	15,094,104	15,094,104	15,094,104	0.21%	0.31%	10%	1
U.S. Treasuries	1,692,500,000	1,732,200,372	1,711,571,608	0.77%	35.56%	100%	1,039
Federal Agencies	980,434,000	988,829,344	987,700,652	1.17%	20.52%	75%	660
Municipal Bonds	81,000,000	81,758,700	82,071,630	1.83%	1.71%	10%	699
Supranationals	220,506,000	226,098,993	223,574,473	1.08%	4.64%	10%	659
Negotiable CDs	606,000,000	605,979,118	605,644,596	0.22%	12.58%	30%	184
Commercial Paper	225,000,000	224,815,556	224,859,512	0.17%	4.67%	40%	84
Corporate Notes	650,994,000	654,019,231	657,938,587	1.97%	13.67%	30%	589
Total Securities	4,842,811,059	4,900,078,372	4,879,738,117	0.89%	101.38%		648
Total Cash	(66,259,294)	(66,259,294)	(66,259,294)		-1.38%		
Total Assets	4,776,551,765	4,833,819,079	4,813,478,823		100.00%		

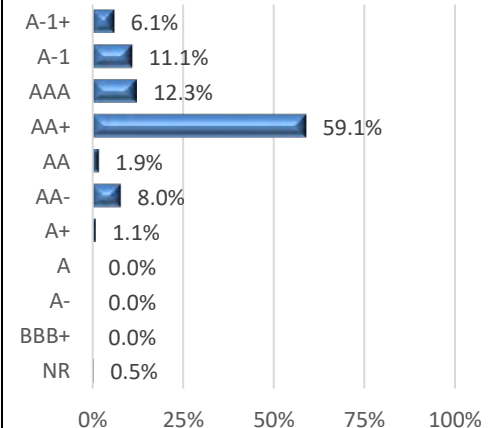
Sector Allocations



Moody's Ratings



S&P Ratings







Kern County Treasurer-Tax Collector



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We accept the following credit cards and electronic checks.



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Supplemental Tax Bill Calculator

Have you recently purchased, or are you considering purchasing property?

Estimate your property taxes.

click here

Online Tax Sales

Place bids online for property and real estate located in Kern County.

Visit <https://kern.mytaxsale.com> to place your bid, today!

click here

Your Property Tax Online

Research and view property tax information.

View previous years taxes.

click here

Daily Fund Balances

Click on the letter of the fund to obtain the fund name and number

[A] [B] [C] [D] [E] [F] [G] [H] [I] [J] [K] [L] [M] [N] [O] [P] [Q] [R] [S] [T] [U] [V] [W] [X] [Y] [Z]

[0] [1] [2] [3] [4] [5] [6] [7] [8] [9]

Fund Number	Fund Name	Beginning Balance	Total Debits	Total Credits	Ending Balance
60050	KERN DELTA WATER DISTRICT	\$20,683,662.85	\$0.00	\$0.00	\$20,683,662.85
60051	KERN DELTA/METRO BANKING PROG	\$7,869,550.74	\$0.00	\$0.00	\$7,869,550.74
60052	KERN DELTA/SUNSET BANKING PROG	\$701,919.66	\$0.00	\$0.00	\$701,919.66
60060	LOST HILLS WATER DISTRICT	\$0.00	\$0.00	\$0.00	\$0.00
60061	LOST HILLS WD-INVESTMENT FUND	\$1,488,822.23	\$0.00	\$0.00	\$1,488,822.23
60065	RAG GULCH WATER DISTRICT	\$0.00	\$0.00	\$0.00	\$0.00
60085	QUAIL VALLEY WATER DISTRICT	\$22,709.63	\$0.00	\$0.00	\$22,709.63
60090	OLCESE WATER DISTRICT-ADMIN	(\$0.05)	\$0.00	\$0.00	(\$0.05)
60091	OLCESE WATER SERVICE	(\$0.58)	\$0.00	\$0.00	(\$0.58)
60092	OLCESE WATER-SEWER SERVICE	(\$0.14)	\$0.00	\$0.00	(\$0.14)

Fund Balances Valid as of: Feb 09, 2022
There are a total of 2,309 records.

**KERN DELTA WATER DISTRICT
Credit Card Receipts Tracker**

	Payments on Account	Surcharge @ 2%	Total Collected	Service Fees	Income/ (Cost)
Aug-20	345.14	6.90	352.04	(22.98)	(16.08)
Sep-20	2,487.15	49.74	2,536.89	(52.68)	(2.94)
Oct-20	1,633.15	32.66	1,665.81	(67.08)	(34.42)
Nov-20	293.81	5.88	299.69	(17.63)	(11.75)
Dec-20	65.77	1.32	67.09	(12.74)	(11.42)
2020 Total	4,825.02	96.50	4,921.52	(173.11)	(76.61)
Jan-21	2,245.60	44.91	2,290.51	(67.96)	(23.05)
Feb-21	981.06	19.62	1,000.68	(29.35)	(9.73)
Mar-21	786.43	15.73	802.16	(20.12)	(4.39)
Apr-21	810.03	16.20	826.23	(25.36)	(9.16)
May-21	585.27	11.71	596.98	(22.92)	(11.21)
Jun-21	654.15	13.08	667.23	(54.26)	(41.18)
Jul-21	5,764.03	115.28	5,879.31	(131.56)	(16.28)
Aug-21	2,156.53	43.13	2,199.66	(95.81)	(52.68)
Sep-21	2,839.22	56.78	2,896.00	(90.84)	(34.06)
Oct-21	1,533.42	30.67	1,564.09	(41.45)	(10.78)
Nov-21	1,164.85	23.30	1,188.15	(19.06)	4.24
Dec-21	89.74	1.79	91.53	(11.95)	(10.16)
2021 Total	19,610.32	392.21	20,002.53	(610.64)	(218.43)
Program To Date - 12/31/21	24,435.34	488.71	24,924.05	(783.75)	(295.04)

Tab IV





**OPERATIONS AND PROJECTS
COMMITTEE MEETING**

**501 Taft Highway
Bakersfield, CA**

**TUESDAY FEBRUARY 1, 2022
10:30 AM**

A G E N D A

- 1. Call to Order**
- 2. Public Comment Period**
- 3. Assistant General Manager's Report:**
 - a. Approve the minutes of the Operations and Projects Committee Meeting of December 7, 2021
 - b. Encroachment Permit Update
 - c. District Facility and Banking Maintenance Report
 - d. Water Banking Construction and Power Invoices
 - e. Pending Development Projects
 - f. 18-Ditch - Thoroughbred Street Crossing
 - g. Traveling Screens
 - h. Sunset Basins Update
- 4. Committee Comments**
- 5. Adjourn**

A handwritten signature in black ink that reads "Chris Bellue". The signature is fluid and cursive, with the first letters of the first and last names being capitalized and prominent.

Chris Bellue
Assistant General Manager

Posted: Friday, January 28, 2022
Bakersfield, California

Requests for disability related modifications or accommodations, including auxiliary aids or services may be made by telephoning or contacting Madelyne Rodriguez at the District Office (661-834-4656). Please attempt to make such requests known at least 24 hours before the scheduled meeting. Pursuant to Government Code section 54957.5, any materials relating to an open session item on this agenda, distributed to the Board of Directors after the distribution of the agenda packet, will be made available for public inspection at the time of distribution at the District, 501 Taft Highway, Bakersfield, CA.



MINUTES OF THE OPERATIONS AND PROJECTS COMMITTEE
Tuesday, February 1, 2022

DIRECTORS PRESENT: Kaiser, Mendonca, Spitzer, Fanucchi

OTHERS PRESENT: From KDWD: General Manager Teglia, Water Resources Manager Mulkay, Assistant General Manager Bellue, Staff Engineer DeLeon, Administrative Assistant Rodriguez

CALL TO ORDER

Director Kaiser called the meeting to order at 10:35 A.M.

1. PUBLIC COMMENTS

None.

2. ASSISTANT GENERAL MANAGER'S REPORT:

- a. Approve minutes of the Operations and Projects Committee Meeting of December 7, 2021: M/S/C (Spitzer/Fanucchi) (yes-4, no-0): The Committee approved the of the Operations and Projects Committee meeting held on December 7, 2021.
- b. Encroachment Permit Update: Mr. Bellue presented an encroachment request from J.G. Boswell to install a discharge line into the 15 Ditch, north of I-5.
- c. District Facility and Banking Maintenance: Mr. Bellue discussed several items of note including the routine maintenance of District Wells, clearing banks and fence lines at Branch 1 and spraying pre-emergent at all District Basins. Also discussed, the sloping of the ends of the BV and BV East Canals as part of a joint use agreement with Palla Rosa Farms. Mr. Bellue also discussed a plan to get a design prepared for District well sites such that the wells can be powered by a generator or PG&E.
- d. Water Banking Construction and Power Invoices: M/S/C (Mendonca/Spitzer) (yes-4, no-0): The Committee recommended the Board approve payment of Water Banking and Power Invoices totaling \$161,950.22 (plus additional PG&E well energy costs). See the attached February 15, 2022, Invoice and Disbursements memo to the Board for a full breakdown of the invoices.
- e. Pending Development Projects: Staff provided a status update of ongoing District projects.
- f. 18-Ditch – Thoroughbred Street Crossing: Staff discussed a landowner's request to replace a crossing that was later determined to be a public right-of-way that is neither owned nor maintained by the District.
- g. Traveling Screens: Staff provided a brief update on the costs and benefits associated with the installation of District owned Traveling Screens. Staff recommends the District move forward with the design and construction/installation of the Screens on the Central Canal just south of Panama Lane. The Operations and Projects Committee concurred with Staff and recommended the item be forwarded to the Board for discussion and approval.
- h. Sunset Basins Update: Staff provided an update on recent work being done at the Basins and also discussed the need to raise the head walls at Bear Mountain Boulevard as part of the Sunset Banking Project.

3. ADJOURN

Director Kaiser adjourned the meeting at 11:50 A.M.

Respectfully submitted,

Donald Collins – Chair

Maintenance Report

January 2022

1. **Structure and Turnout Repairs.** The following jobs were completed during the month;
 - a. Finish Branch 1 bowl modifications and place riprap around area
2. **Shop.** The following jobs were completed during the month;
 - a. Normal service and repairs on District vehicles and equipment.
 - b. Repair hydraulic controls electrical circuit on backhoe #402 (Quinn)
 - c. Replace broken windows on John Deere tractor #401
 - d. Repair mounting brackets on sloper #403 (B&G Machine)
 - e. Repair hydraulic fluid tank and rear axle seals on truck #323
 - f. HVAC Systems check and filter change
3. **District Wells.**
 - a. Monthly service and inspection of all District Wells to check dripper operation and clean well pads
4. **Motor Grader # 403** The following canals were sloped and roads graded;
 - a. Sloping South end of BV and BV East
5. **Backhoe # 402** The following jobs were completed during the month;
 - a. Remove tumbleweeds and cleaning canals
6. **Backhoe # 404** The following jobs were completed this month;
 - a. Removed mattresses, debris, tumbleweeds, moss, brush and tires from Kern Island as part of annual cleaning
7. **Weed Spraying.** The following canals were sprayed during the month;
 - a. Weeds were sprayed on Stine, Farmers and Smith Judd
8. **Aquatic Treatments.** Treatments including surface spraying for algae mats and injection treatments for control of algae or vascular aquatic weeds;
 - a. No treatments were made is month
9. **Rodent Control**
 - a. Bait Stations were checked and filled as needed this month.
10. **Trash Removal.**
 - a. Daily cleaning of crossings, weirs, trash racks and screens
 - b. Removed remove debris from Kern Island canal hauled to the landfill
 - c. Palm tree removal at Harris Rd. on Branch 1
11. **Fence Repairs.** Fences and Gates were repaired at the following locations;
 - a. Kern Island – 30th St., 34th St. and Columbus
 - b. Eastside – Lake and Kentucky Streets.
 - c. Branch 1 – Smoke Tree Trailer Park, White Lane, South Gate and Harris
 - d. Stine – Chester Lane and Garnsey Lane
 - e. Romero Basins

12. **Safety Meetings.** Weekly tailgate safety topics were;

- a. Safety Behavior
- b. Chainsaws
- c. Equipment and Truck Maintenance
- d. Reporting Near Misses

13. **Water Banking Activities.** The following jobs were completed during the month;

- a. Clearing banks and fence lines at Branch 1 in preparation for pre-emergent spray
- b. Removal of tumbleweeds from fences at Kern Island, BV, and Romero Basins

14. **Future Projects.** The following projects will be completed as time and scheduling permit:

- a. Trim and remove trees/brush as needed along canals for grader passage
- b. Repair gate 3-7-27 (when farmer lowers water level and installs one-way valve)
- c. Replace turnout on Farmers north of Houghton Road

15. **Future Water Banking Projects.**

- a. Install permanent staff gauges and signage at basin properties
- b. Finish spraying pre-emergent at all basins



To: Kern Delta Water District Board of Directors

From: Steven Teglia

Date: February 15, 2022

Re: Encroachment Permit Applications & Easement Requests

DISCUSSION:

Following are the organizations that have applied for an encroachment permit with Kern Delta Water District and a summary of their intended locations and purposes for encroaching.

Organization: Boswell

Location: 15 Ditch, north of I-5

Purpose: Install discharge line into canal

Anticipated Start Date: Completed



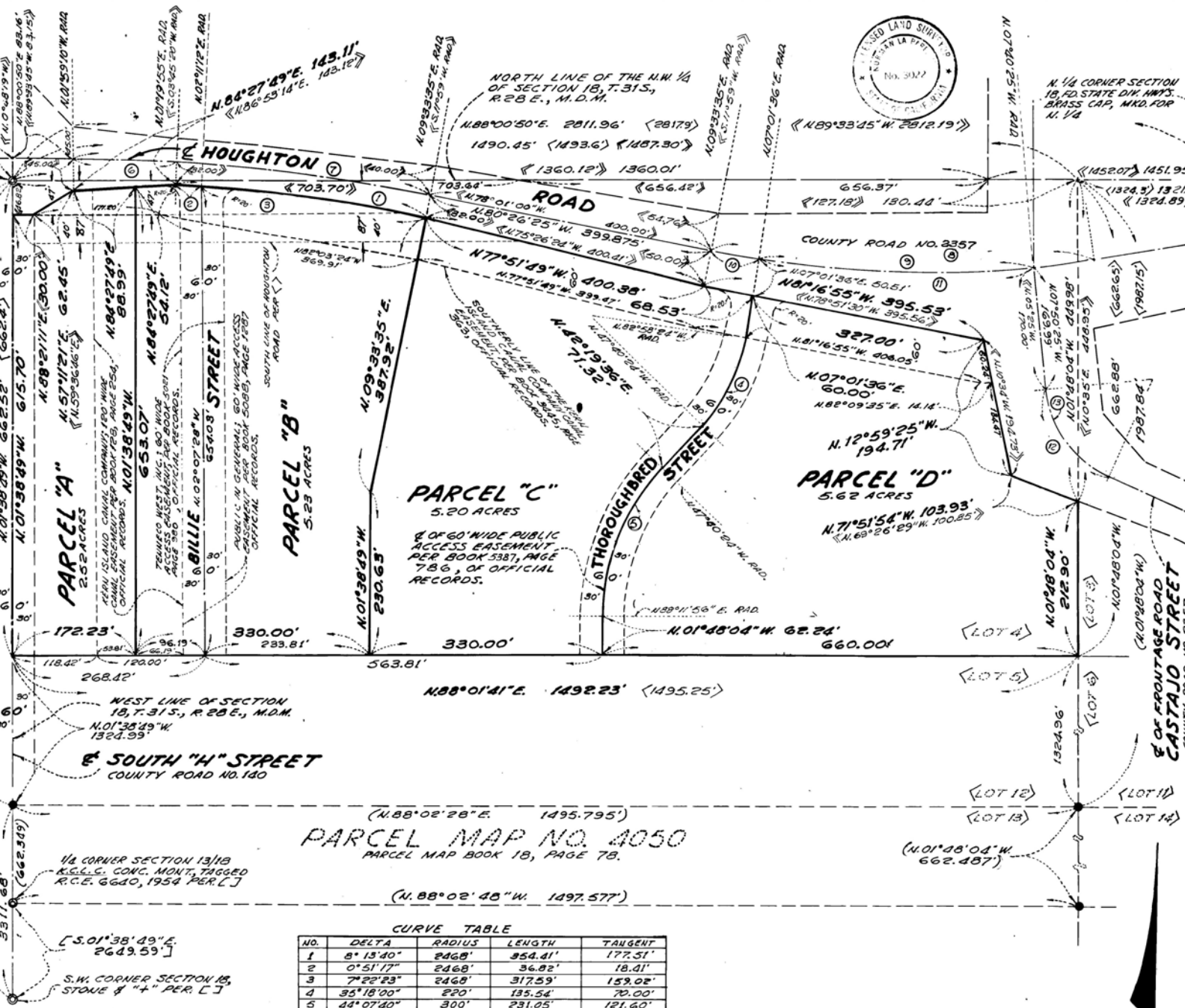
Project #	Status	Organization	Project	Facility	Location	Plans		Approval Process		Comments
						Received	Reviewed	EP	Board	
1	P	AEWSD	FFP Inter-tie	Eastside Canal	South of Muller Road	-	-	X	-	Have yet to receive 100% plans for review
2	P	Boswell	Well discharge	15 Ditch	Old River/I-5					Waiting for plans
3	P	Cal Water	New water line crossing	13 Ditch	South of Shafter Rd	-	-	X	-	Replacement of leaking water line
4	P	DeWalt	Culvert Extension	Kern Island Main Canal	South of Hosking	X	P	-	X	Under review
5	P	KDWD	Fencing	Banking Ponds	Romero, KI, B1 Basins	-	-	-	X	Board approved contract with Lamont Fence
6	P	KDWD	Grading plan	Old River Basins	North of Taft Hwy	-	-	-	X	Approval of engineering contract needed
7	P	KDWD	Grading plan	Sunset Basins	North of Sunset Blvd	X	X	-	X	Expected to be complete by February 2022
8	P	KDWD	Pumps and pipeline(s)	Sunset Basins	North of Sunset Blvd	-	-	-	X	75% Plans under review
9	P	KDWD	Traveling Screens	Central Branch Canal	North of AE Intake Canal	-	-	-	X	
10	P	KDWD	Wells	Old River Basins	North of Taft Hwy	-	-	-	X	Addition of two wells to sites
11	P	KDWD	Annual Engineering Report	N/A	N/A					Under review
12	P	Koostra Dairy	Solar Project	Central Branch Canal	West of Adobe Rd	-	-	-	X	Koostra request KDWD to approve lease agreement
13	P	Lane Engineers	Culvert Extension	Kern Island Main Canal	North of Taft Hwy	X	P	-	X	Under review
14	P	Lane Engineers	Utility crossing	Kern Island Main Canal	North of Taft Hwy	X	P	X	-	Under review
15	P	Laurel Ag	New turnout	Eastside Canal	End of Eastside	X	P	X		Under review
16	P	LAV // Pinnacle	Pipeline & Realignment	Branch One Canal	South of Taft Hwy	-	-	-	X	Conceptual plans sent
17	P	McIntosh & Associates	Pipeline & Realignment	Section 31 Ditch	North of McCutchen	X	P	-	X	Under review
18	P	McIntosh & Associates	Pipeline & Realignment	Branch II Canal	North of McKee	X	P	-	X	Zeiders completed hydraulic review
19	P	McIntosh & Associates	Block Wall	Branch One Canal	East of Hwy 99	X	X	X	-	Waiting for contractor insurance
20	P	McIntosh & Associates	Pipeline & Realignment	Stine Canal	West of Gosford	-	-	-	X	Tract Plans approved in 2009
21	P	McIntosh & Associates	Canal realignment	Stine Canal	North of McCutchen	X	P		X	Under review
22	P	Memorial	Solar Project	Eastside Canal	North of 34th Street	-	-	-	X	Memorial may need lease from KDWD for project
23	P	PG&E	Overhead Power	Central Branch Canal	South of Panama Lane	X	X	X	-	As of 1/13/2022, PG&E has not installed new crossing
24	P	WRMWSD/KDWD	5G Tie-In	Buena Vista	North of S. Lake Rd					On going staff discussions
25	P	PG&E	Bridge removal	Eastside Canal	North of 30th Street	-	-	-	X	No clear timeline to complete project from PG&E
26	C	City of Bakersfield	SCADA Project	Multiple	Multiple	X	X	X	-	Completed 01/14/2022
27	C	City of Bakersfield	Multi-Use Path	23 Ditch	North of Pacheco Road					Completed in November 2021
28	C	DeWalt	Waterline/storm drain crossing	Kern Island Main Canal	South of Hosking	X	X	X	-	Completed in December 2021
29	C	Jacaranda Hood, LLC	Pipeline & Realignment	Branch One Canal	South of Hosking	X	X	-	X	Completed early January 2022
30	C	KDWD	Back lot re-paving	KDWD Office	501 Taft Hwy	-	-	-	-	Completed in December 2021
31	C	Porter and Associates	Grant Deed	Central Branch Canal	North of Panama Lane	X	X	-	X	Grant of easement in fee to KDWD
32	C	QK	Culvert Extension	Central Branch Canal	South of Panama Lane	X	X	-	X	Completed 12/31/2021

C- Complete

P-Pending

EP - Encroachment Permit

Staff Engineer Project List Summary



PARCEL MAP NO. 4050
PARCEL MAP BOOK 18, PAGE 78.

(N.88°02'28"E. 1495.795')

(N.88°02'45"W. 1497.577')

1/4 CORNER SECTION 13/18
K.S.L.C. CONC. MOUNT, TAGGED
R.C.E. 6640, 1954 PER []

[S.01°38'49"E. 2649.59']

S.W. CORNER SECTION 18,
STONE & "4" PER []

VE DECLARATION IN ACCORDANCE WITH
OF 1970 SECTION 15083 HAS BEEN
WITH THE COUNTY CLERK.

J.L. Klapp, Dep. 7-28-81
AGENCY Date

CURVE TABLE

NO.	DELTA	RADIUS	LENGTH	TANGENT
1	8° 13' 40"	2468'	354.41'	177.51'
2	0° 51' 17"	2468'	36.82'	18.41'
3	7° 22' 23"	2468'	317.59'	159.02'
4	35° 18' 00"	220'	135.54'	70.00'
5	44° 07' 40"	300'	231.05'	121.60'
6	3° 19' 05"	2500'	144.78'	72.41'
7	11° 32' 45"	2500'	503.78'	252.76'
8	20° 30' 20"	1500'	536.83'	271.32'
9	17° 14' 00"	1500'	451.17'	227.30'
10	2° 31' 59"	1500'	66.82'	33.16'
11	14° 42' 01"	1500'	384.85'	193.49'
12	60° 00' 00"	150'	157.08'	86.60'
13	41° 23' 02"	150'	108.34'	56.66'

SURVEYOR'S CERTIFICATE

THIS MAP WAS PREPARED BY ME OR UNDER MY DIRECTION AND WAS COMPILED FROM A
IN CONFORMANCE WITH THE REQUIREMENTS OF THE SUBDIVISION MAP ACT AND LOCAL
AT THE REQUEST OF: FRED J. PROSSER, a widower;
GARY D. SMITH and PHYLLIS R. SMITH;
JIMMIE M. POUNDS JR and BARBARA J. POUNDS;
I HEREBY STATE THAT THIS PARCEL MAP SUBSTANTIALLY COM
APPROVED OR CONDITIONALLY APPROVED TENTATIVE MAP, IF

COUNTY SURVEYOR'S CERTIFICATE

THIS MAP CONFORMS WITH THE REQUIREMENTS OF THE SUBDIVISION MAP ACT
ORDINANCE.
DATED: 28 JULY 1981
SIGNED: [Signature] L.S.
Norman LaBare Jr.
DEP. COUNTY SURVEYOR

RECORDER'S CERTIFICATE

FILED THIS 29th DAY OF July, 1981, AT 9
IN BOOK 26 OF PARCEL MAPS AT PAGE 175 AT THE REQUEST OF NORMAN L

COUNTY RECORDER: RAY A. VERCAMMEN BY: [Signature] ASSISTANT

NOTE:

1. BUILDING SETBACK: LOCATIONS OF ALL BUILDINGS OR STRUCTURES ARE
BY THE KERN COUNTY LAND USE ZONING ORDINANCE.
2. THE ROADS SHOWN ON THIS MAP AND WHICH ARE DEDICATED OR OFFERED
TION ARE NOT COUNTY HIGHWAYS AND ARE NOT SUBJECT TO MAINTENANCE
IMPROVEMENTS BY THE COUNTY OF KERN, UNLESS AND UNTIL ACCEPTED
COUNTY ROAD SYSTEM BY RESOLUTION OF THE BOARD OF SUPERVISORS

LEGEND.

- <> RECORD PER STATE HIGHWAY MAP NO. 6-329
FILED IN THE OFFICE OF THE COUNTY SURVEYOR
- < > RECORD PER SALES MAP OF LANDS OF KERN COUNTY LAND
IN SECTION 18, T.31S., R.28E., M.D.M., FILED JUNE 20, 1900.
- () RECORD PER PARCEL MAP NO. 4050, A.M. BOOK 18,
- [] RECORD PER RECORD OF SURVEY MAP, R/S BOOK 7, PAGE 1.
- @ DENOTES, SURVEY MONUMENTS AS DESCRIBED (OF RECORD)
- ③ DENOTES, CURVE NUMBER FOR CURVE TABLE DATA
- DENOTES, 2" IRON PIPE 1/4" DIA. TAGGED R.C.E. 16/55 PER PARCEL
NO. 4050 A.M. BOOK 18 PAGE 78.
- THE BLUE BORDER INDICATES THE BOUNDARY OF THE LAND SUBDIVIDED
- ALL DISTANCES AND DIMENSIONS SHOWN HEREON ARE IN FEET AND DECIMALS
THEREOF

BASIS OF BEARING

THE BEARING OF N.01°38'49"W. SHOWN FOR THE EAST LINE
N.E. 1/4 OF SECTION 13, T.31S., R.27E., M.D.M. PER
RECORD OF SURVEY MAP, FILED IN THE OFFICE OF THE COUNTY
RECORDER, COUNTY OF KERN, IN BOOK 7, AT 11
OF RECORD OF SURVEY MAPS WAS TAKEN AS
OF BEARINGS SHOWN UPON THIS MAP

Parcel Map No. 60.

IN THE UNINCORPORATED TERRITORY OF THE COUNTY OF
BEING A DIVISION OF LOT 4, N. SECTION 18, T.
R. 28 E., M.D.B.M., ACCORDING TO MAP, ENTITLED
"SALES MAP OF LANDS OF KERN COUNTY CANN
IN SECTION 18, T.31S., R.28E., M.D.B.M., KERN COUN
ORNA", DATED APRIL 18, 1900 AND FILED IN THE
OF THE COUNTY RECORDER, COUNTY OF KERN, JU
1900.

NORTH
SCALE
1"=100'

TRAVELING SCREENS
Special Projects Committee Meeting October 5, 2021

The Screens were designed for the flows of the Eastside and Central Canals. Locations considered include;

1. Eastside Canal upstream of DiGiorgio Rd
2. Central Canal upstream of the Arvin Edison Canal siphon

Staff is considering the Central Canal location as the best fit for cost savings and overall effectiveness. This location is adjacent a District well and has access to power without having to secure a new supply from PG&E, the canal is already concrete-lined making it easier to install. The canal runs all year whereas the eastside canal typically runs about seven months per year. The proposed location is position immediately upstream of where all central canal deliveries are made.

The purpose of the screens is to remove debris and aquatics that accumulates in the city. We want them positioned far enough downstream to be close to our demand area and out of potential vandalism areas.

The District purchased the screens and conveyors in 2012 from International Water Screens (IWS) for \$106,900. IWS recently visited with staff and indicated that if the District chose to discontinue the project, they would help us find a buyer and believes the two screens and conveyors could be sold for approximately \$80,000.

Recommendation;

1. Decide – sell equipment or proceed with design/construction.
2. If we decide to build, there is a current power supply (Well No. KD-2), concrete lined canal and ideal positioning upstream of delivery area.
3. Design substructure and coordinate PG&E upgrades to coincide with the December 2022 shutdown period.

Cost to Build and Return on Investment (see table):

1. Savings on chemical usage
2. Labor costs associated with cleaning turnouts and repairing canal breaches
3. Reducing risk of crop damage claims from canal breaches
4. More reliable water deliveries to customers

Project Cost	Price
Purchase Screens (done in 2012)	106,900
Structural Engineer Review	25,000
Install Screens (IWS)	60,000
Electrical design/installation	25,000
Project Cost Total	216,900
New Costs Total	110,000
Return on Investment*	
Aquatic Treatments Savings	15,000/yr
Labor and Equipment Savings	14,000/yr
Potential Claims from crop damage caused by canal breach	10,000/yr
Improved Supply to Customers	
Return on Investment	\$216,900/\$39,000 per yr = 5.5 yrs

***Notes**

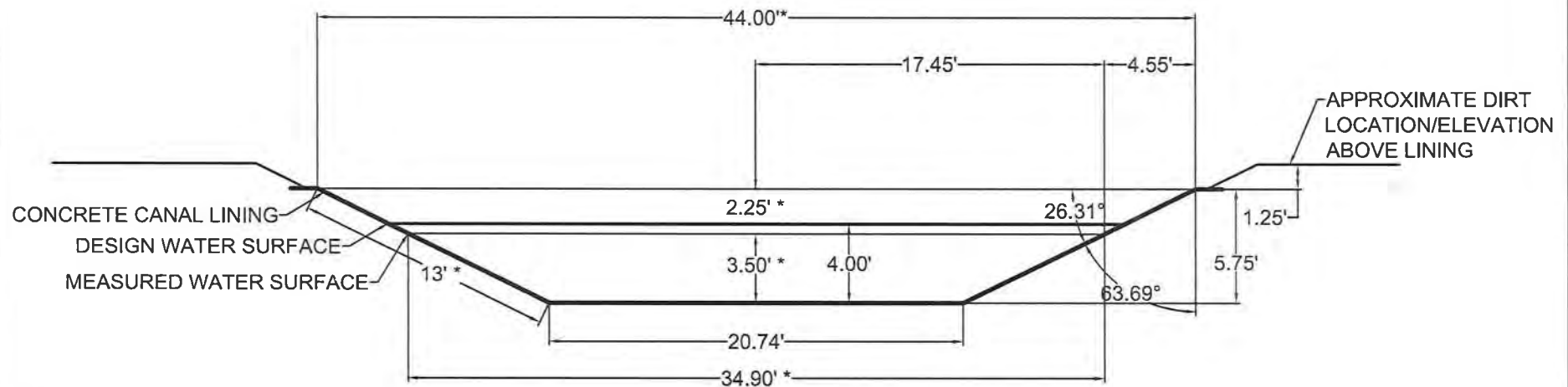
The District spends approximate 40,000/yr on aquatic chemicals to treat this section of canal. This value is chemical costs averaged over 2019, 2020 and 2021 seasons. The presence of the screens would eliminate new aquatic plant life from entering the service area but would still require some treatment for growing algae. We estimate the chemical costs for this segment could be reduced by \$15,000 per year.

Canal tenders spend approximate 2 hours per day during the season to clean turnouts of algae and debris. The maintenance department repairs breaches in the canal caused by aquatic weeds plugging turnouts. There was a breach at the Bloomfield Y turnout in 2019 that caused extensive flooding in the Buena Vista Boulevard area however no claim was submitted. This ROI calculation assumes a \$100,000 claim is submitted once every 10 years.

Improved and more reliable water supply is a savings to be experienced by the growers and no dollar amount was used for this item.

JUNE 8, 2012

KERN DELTA WATER DISTRICT
KERN ISLAND CENTRAL CANAL
CANAL CROSS-SECTION SOUTH OF PANAMA LANE AT KD-2 WELL
FOR TRAVELING SCREEN PROJECT



* FIELD-MEASURED LENGTH



Tab V



KERN DELTA WATER DISTRICT

February 9, 2022

	2/9/2022	Last Year
KERN RIVER 3 DAY MEAN INFLOW	239 CFS	287 CFS
KERN RIVER MEAN OUTFLOW	258 CFS	260 CFS
ISABELLA RESERVOIR STORAGE	61,269 ACFT	95,660 ACFT
REQUESTED OUTFLOW	165 CFS	270 CFS

Estimated: (CFS)

KDWD DAILY DIVERTED: (FEBRUARY 9, 2022)	@HEAD	STATE	XCHNG	BANKING
KERN ISLAND	87	0	0	0
EASTSIDE	0	0	0	0
BUENA VISTA -LEVEE	0	0	0	0
STINE	0	0	0	0
OTHER - River Channel	0	0	0	0
K.I. / A.E. Exchange Gate	0	0	0	0
STINE / A.E. Exchange Gate	0	0	0	0
Total CFS	87	0	0	0

Estimated: (Acre Feet)

DIVERTED (JANUARY 2022)	UTILITY	STATE	PURCHASE	BANKING
KERN ISLAND	4,709	0	0	0
EASTSIDE	0	0	0	0
C.O.B. Misc.	0	0	0	0
BUENA VISTA	0	0	0	0
STINE	0	0	0	0
FARMERS	0	0	0	0
SOUTH FORK	0	0	0	0
West Side State Sale	0	0	0	0
MONTHLY TOTAL	4,709	0	0	0
YEAR TO JANUARY 31, 2022	4,709 ACFT	0	0	0
Year to January 31, 2022 Utility - State - Banking	4,709 ACFT			

ACFT. STORAGE BALANCE AS OF:	1/31/2022	Estimate 2/9/2022	Max Storage
KERN ISLAND	2,499	4,218	Store All
BUENA VISTA	623	623	Store All
STINE	88	88	Store All
FARMERS	209	209	Store All
STATE (20) Carryover	0	0	N/A
STATE (21) Contract	0	0	N/A
RRBWSO STORAGE	18,805	18,805	N/A
PIONEER PROJECT STORAGE	23,285	23,285	N/A
TOTAL ACFT.	45,509	47,228	

K.D.W.D. CLIMATOLOGICAL OBSERVATION:

<u>44</u>	MINIMUM TEMPERATURE	<u>36</u>
<u>84</u>	MAXIMUM TEMPERATURE	<u>70</u>
<u>51</u>	PRESENT TEMPERATURE	<u>40</u>
<u>0.00</u>	PRECIPITATION - 24 HR. DAY	<u>0.00</u>
<u>0.00</u>	PRECIPITATION - MONTH	<u>0.00</u>
Seasonal <u>3.27</u>	YEAR TO DATE PRECIP.	<u>5.10</u> Seasonal

ISABELLA CLIMATOLOGICAL OBSERVATION:ISABELLA RESEVOIR:

LAKE ELEVATION (FT.)	2,533.61	JANUARY AC. FT. INFLOW	17,671
STORAGE ACFT.	61,269	JANUARY AC. FT. OUTFLOW	9,600
STORAGE CAPACITY	568,075	ACCUMULATIVE ACFT. INFLOW (20-21)	54,024
% OF CAPACITY	11%	ACCUMULATIVE ACFT. OUTFLOW	42,126
COE STORAGE CAPACITY	360,000	% OF COE CAPACITY	17%

Summary of Utility Water Diverted Year to Date: 1/31/2022

	Utility	North Kern*	Other Exchanges
January	4,709	0	0
February			
March			
April			
May			
June			
July			
August			
September			
October			
November			
December			
Total	4,709	0	0

Summary of Other Water Diverted Year to Date: 1/31/2022

	State	Purchase	Banking
January	0	0	0
February			
March			
April			
May			
June			
July			
August			
September			
October			
November			
December			
Total	0	0	0

Water owed to K.D.W.D as of: 1/31/2022

B.V.W.S.D. 2021 State Balance*:	1,275
2022 State Contract: Table A	0


Summary of Total State Water Used Year to Date: 1/31/2022

	(OWED)	(USED)
2022 Contract	0	0
Total	0	0

Quantities in acft.	TOTAL	1,275	Net Owed to KDWD	TOTAL	0
---------------------	-------	-------	------------------	-------	---

Maximum Annual State Carryover Balance: 6,000 acre feet *Owed to KDWD on a mutually agreeable year.

NOTICE TO STATE WATER PROJECT CONTRACTORS**Date:** 1/20/2022**Number:** 22-01**Subject:** 2022 State Water Project Table A Allocation Increase from 0 to 15 Percent

From: 
Ted Craddock
Deputy Director, State Water Project
Department of Water Resources

Based on the recent precipitation, runoff, and current water supply conditions, the Department of Water Resources (DWR) is increasing the State Water Project (SWP) Table A Allocation to 15 percent of most SWP long-term contractors' 2022 requested Table A amounts. Attached is the revised 2022 SWP allocation table.

Please note that this Table A Allocation will reduce, on a 1:1 basis, any unmet human health and safety need volumes that were previously identified in the SWP contractors' submittals to DWR.

The Table A Allocation increase is made consistent with the long-term water supply contracts, legal requirements, and public policy. In determining available SWP supplies, DWR has considered several factors including existing storage in SWP conservation reservoirs, estimates of future runoff under very dry conditions, SWP operational and regulatory constraints such as, federal Endangered Species Act and California Endangered Species Act requirements, and the 2022 demands of SWP Contractors. DWR may revise this and any subsequent allocations if warranted by the year's developing hydrologic and water supply conditions.

To develop the 15 percent water delivery schedule, DWR will scale up the SWP Contractors' current 5 percent schedules that were submitted in October 2021 (as part of initial requests), unless SWP Contractors submit updated schedules. DWR will provide approved monthly water delivery schedules to the SWP Contractors.

If you have any questions or need additional information, please contact John Leahigh, Water Operations Executive Manager, at (916) 902-9876.

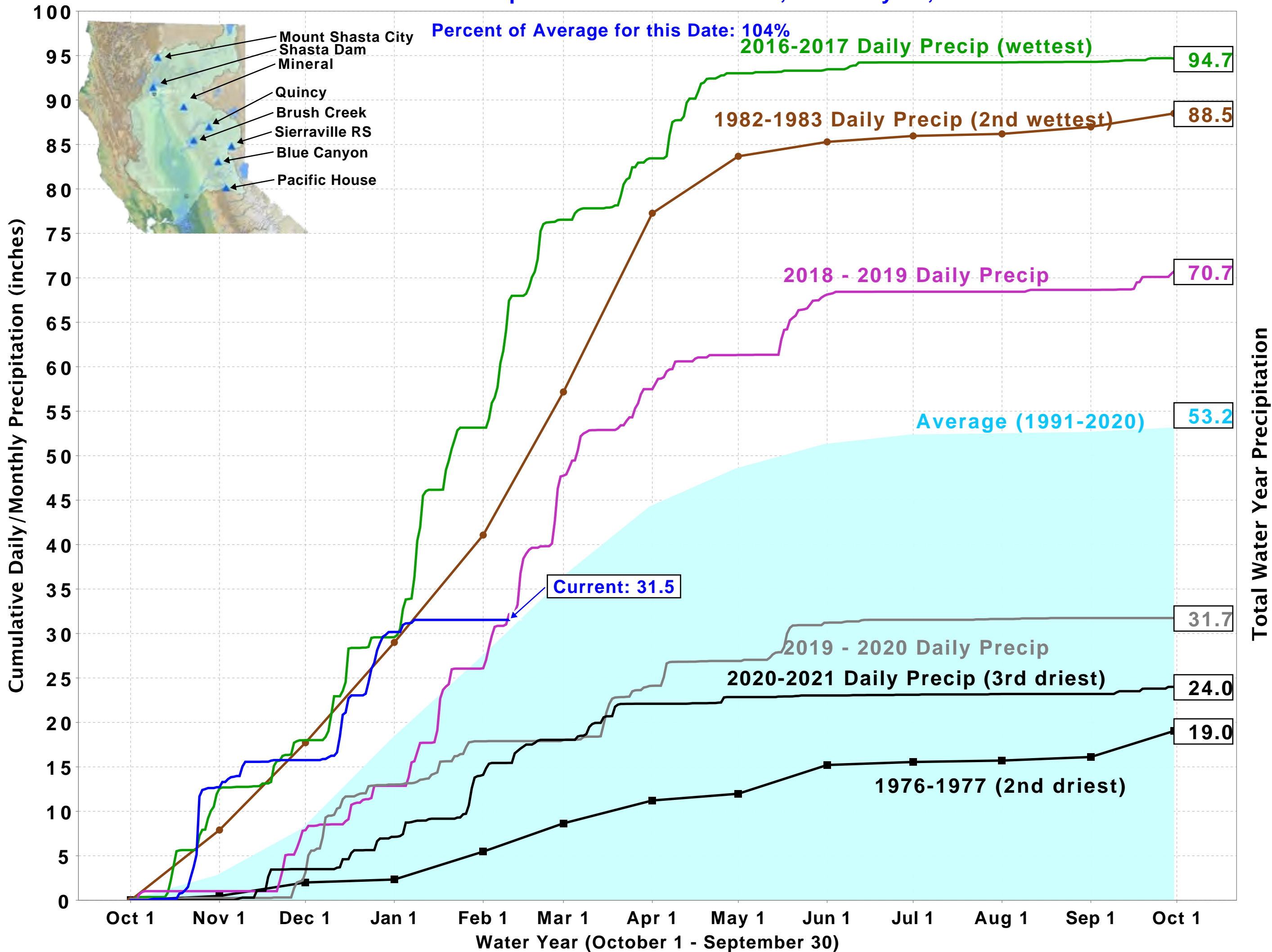
Attachment

2022 STATE WATER PROJECT ALLOCATION
(ACRE-FEET)

SWP CONTRACTORS	TABLE A	INITIAL REQUEST	APPROVED ALLOCATION	PERCENT INITIAL REQUEST APPROVED (3)/(2) (4)
	(1)	(2)	(3)	
<u>FEATHER RIVER</u>				
County of Butte	27,500	27,500	5,000	18%
Plumas County FC&WCD	2,700	2,700	405	15%
City of Yuba City	9,600	9,600	2,400	25%
Subtotal	39,800	39,800	7,805	
<u>NORTH BAY</u>				
Napa County FC&WCD	29,025	29,025	7,256	25%
Solano County WA	47,756	47,756	11,939	25%
Subtotal	76,781	76,781	19,195	
<u>SOUTH BAY</u>				
Alameda County FC&WCD, Zone 7	80,619	80,619	12,093	15%
Alameda County WD	42,000	42,000	6,300	15%
Santa Clara Valley WD	100,000	100,000	15,000	15%
Subtotal	222,619	222,619	33,393	
<u>SAN JOAQUIN VALLEY</u>				
Oak Flat WD	5,700	5,700	855	15%
County of Kings	9,305	9,305	1,396	15%
Dudley Ridge WD	41,350	41,350	6,203	15%
Empire West Side ID	3,000	3,000	450	15%
Kern County WA	982,730	982,730	147,410	15%
Tulare Lake Basin WSD	87,471	87,471	13,121	15%
Subtotal	1,129,556	1,129,556	169,435	
<u>CENTRAL COASTAL</u>				
San Luis Obispo County FC&WCD	25,000	25,000	3,750	15%
Santa Barbara County FC&WCD	45,486	45,486	6,823	15%
Subtotal	70,486	70,486	10,573	
<u>SOUTHERN CALIFORNIA</u>				
Antelope Valley-East Kern WA	144,844	144,844	21,727	15%
Santa Clarita Valley WA	95,200	95,200	14,280	15%
Coachella Valley WD	138,350	138,350	20,753	15%
Crestline-Lake Arrowhead WA	5,800	5,800	870	15%
Desert WA	55,750	55,750	8,363	15%
Littlerock Creek ID	2,300	2,300	345	15%
Metropolitan WDSC	1,911,500	1,911,500	286,725	15%
Mojave WA	89,800	89,800	13,470	15%
Palmdale WD	21,300	21,300	3,195	15%
San Bernardino Valley MWD	102,600	102,600	15,390	15%
San Gabriel Valley MWD	28,800	28,800	4,320	15%
San Gorgonio Pass WA	17,300	17,300	2,595	15%
Ventura County WPD	20,000	20,000	3,000	15%
Subtotal	2,633,544	2,633,544	395,033	
TOTAL	4,172,786	4,172,786	635,434	15%

APRIL-JULY FORECAST UPDATE SUMMARY (IN THOUSANDS OF ACRE-FEET)								
10% Exceedance	760	162	720	154				
Stanislaus River below Goodwin Res (blw New Melones)					Average = 699			
90% Exceedance	340	49	310	44				
50% Exceedance	640	92	590	84				
10% Exceedance	1,140	163	1,060	152				
Tuolumne River below La Grange Res (blw Don Pedro)					Average = 1,222			
90% Exceedance	640	52	580	47				
50% Exceedance	1,060	87	980	80				
10% Exceedance	1,830	150	1,720	141				
Merced River below Merced Falls (blw Lake McClure)					Average = 627			
90% Exceedance	300	48	270	43				
50% Exceedance	540	86	490	78				
10% Exceedance	940	150	870	139				
San Joaquin River below Millerton Lake					Average = 1,229			
90% Exceedance	670	55	630	51				
50% Exceedance	1,170	95	1,090	89				
10% Exceedance	1,890	154	1,770	144				
DAYS OF MONTH	FEBRUARY 01		FEBRUARY 08					
WATERSHED PERCENTILES	AJ VOL	% AVG	AJ VOL	% AVG	AJ VOL	% AVG	AJ VOL	% AVG
Kings River below Pine Flat Reservoir					Average = 1,204			
90% Exceedance	610	51	560	47				
50% Exceedance	1,050	87	960	80				
10% Exceedance	1,790	149	1,690	140				
Kaweah River below Terminus Reservoir					Average = 276			
90% Exceedance	120	43	100	36				
50% Exceedance	230	83	200	72				
10% Exceedance	430	156	410	149				
Tule River below Lake Success					Average = 56			
90% Exceedance	14	25	12	21				
50% Exceedance	32	57	28	50				
10% Exceedance	95	170	90	161				
Kern River, Inflow to Lake Isabella					Average = 427			
90% Exceedance	180	42	160	37				
50% Exceedance	300	70	260	61				
10% Exceedance	590	138	570	133				

Northern Sierra Precipitation: 8-Station Index, February 10, 2022



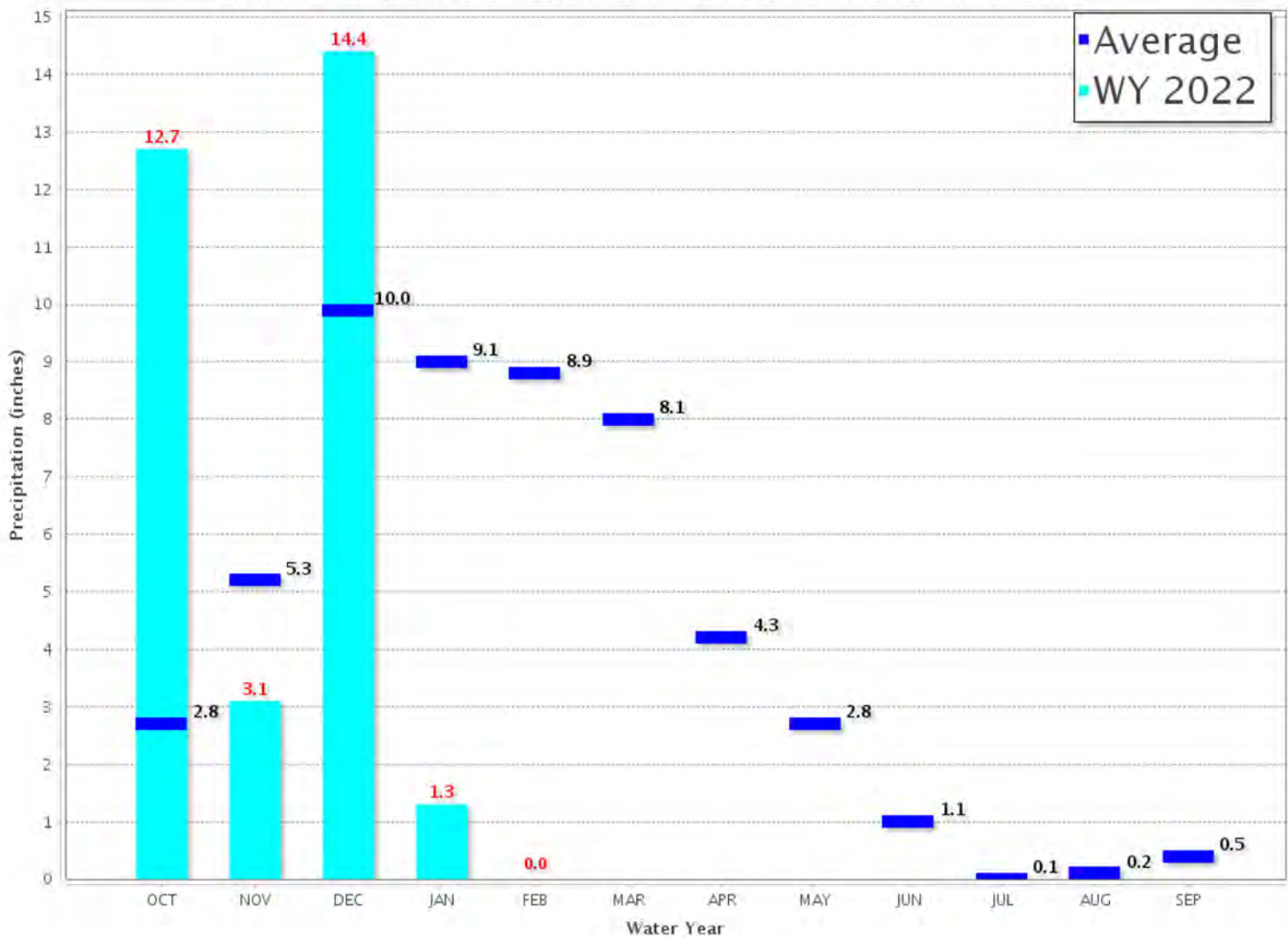


Northern Sierra 8-Station

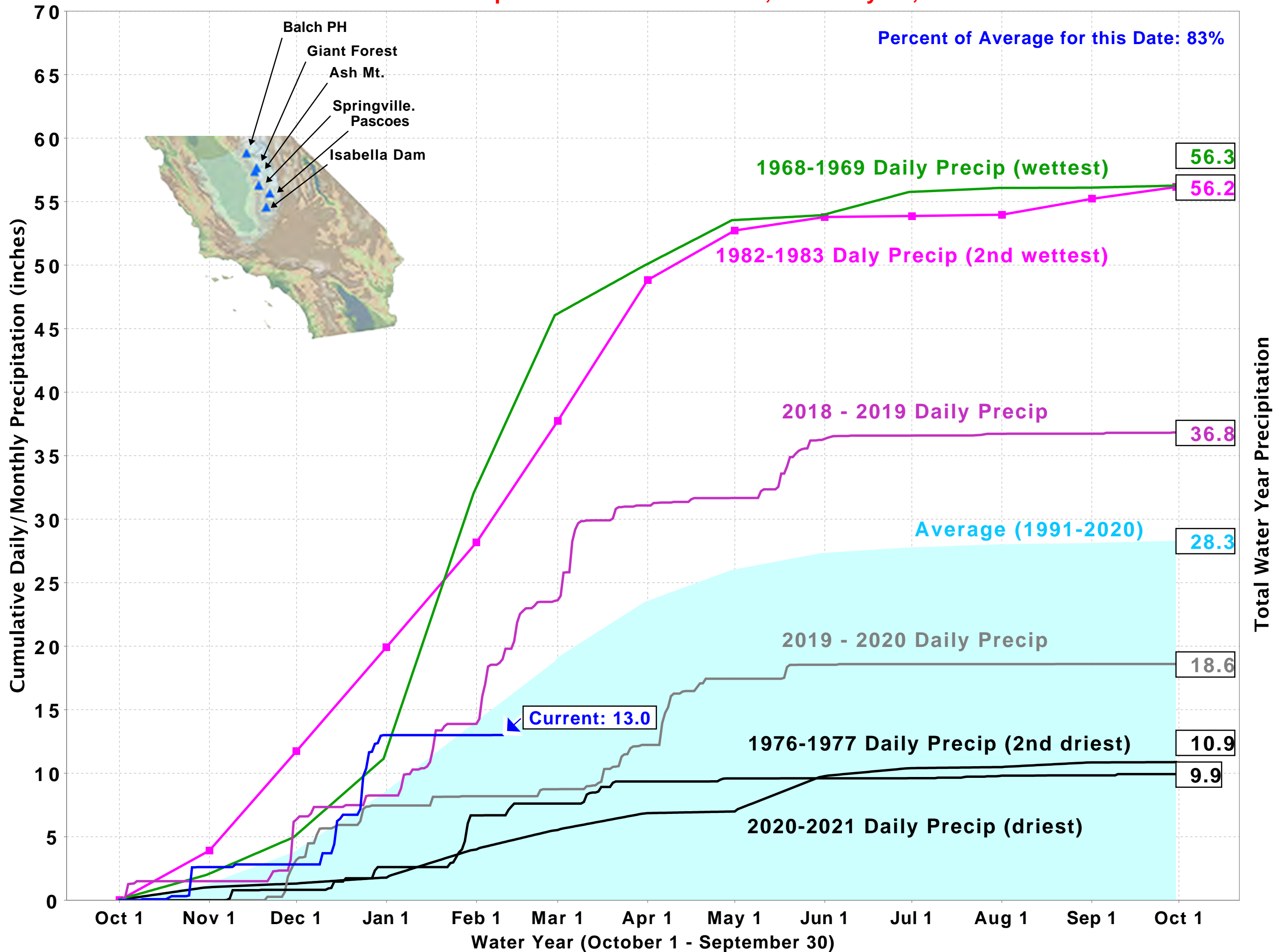
Precipitation Index for Water Year 2022 – Updated on February 10, 2022 02:48 PM

Note: Monthly totals may not add up to seasonal total because of rounding

Water Year Monthly totals are calculated based on Daily precipitation data from 12am to 12am PST



Tulare Basin Precipitation: 6-Station Index, February 10, 2022



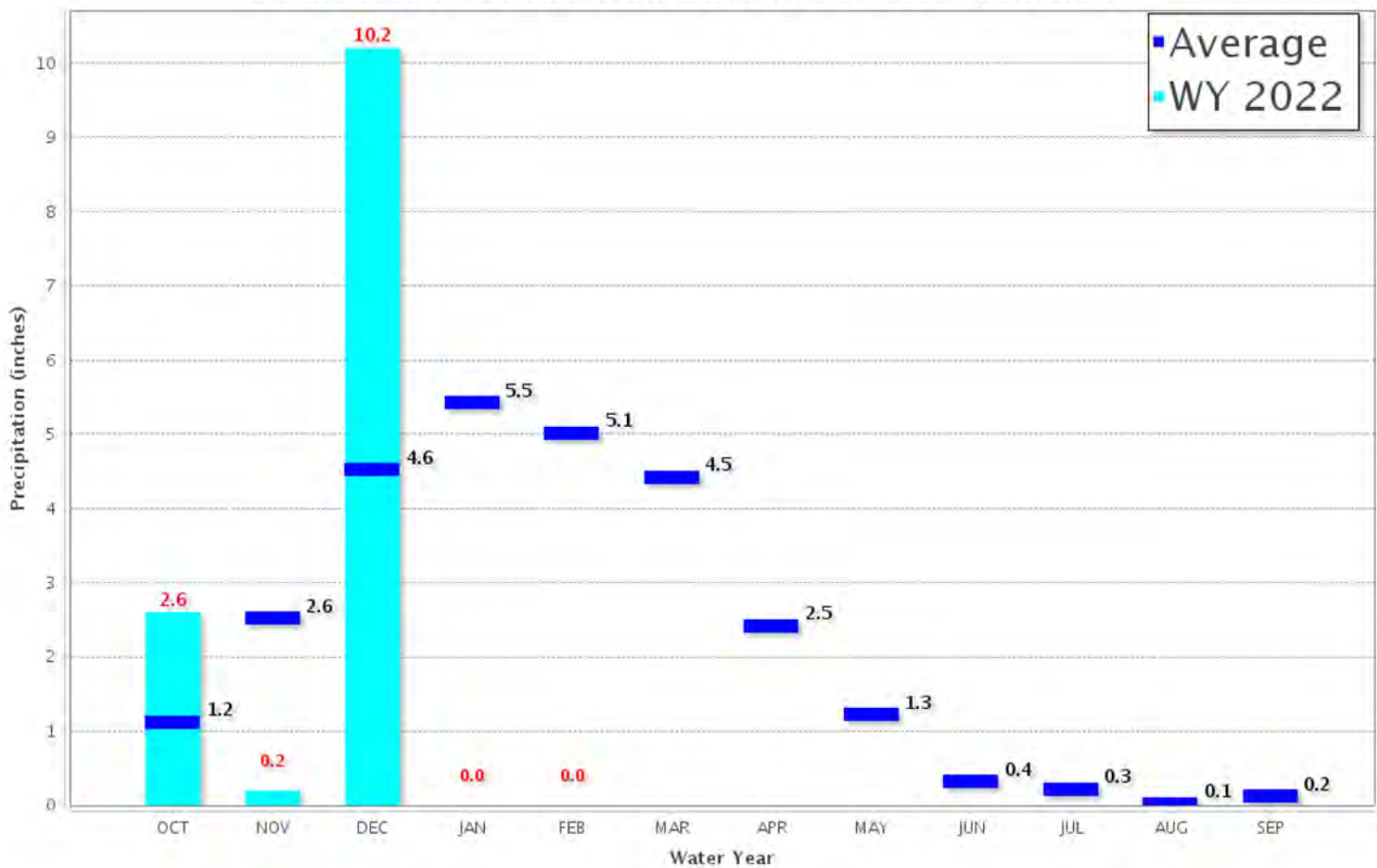


Tulare Basin 6-Station

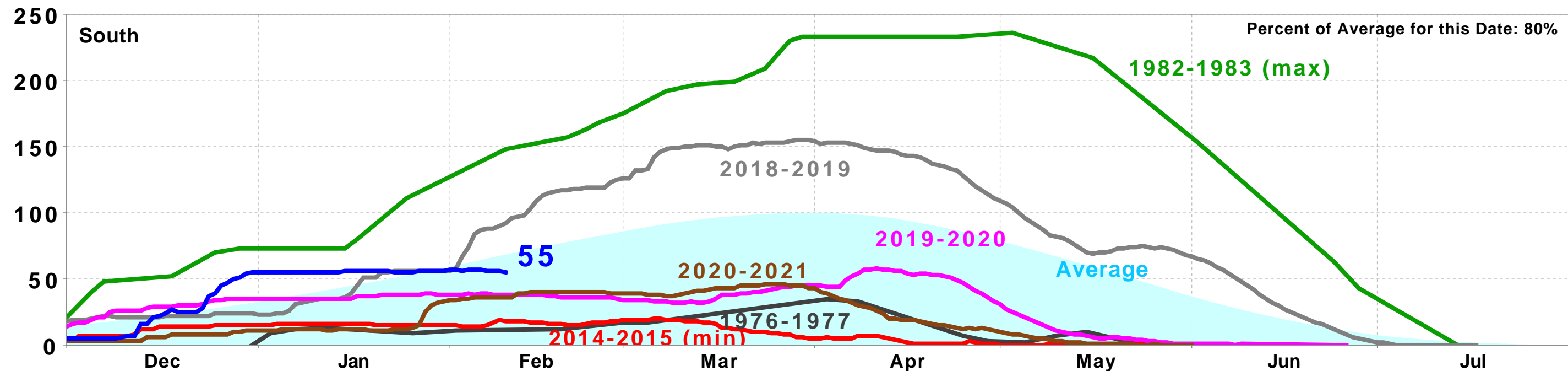
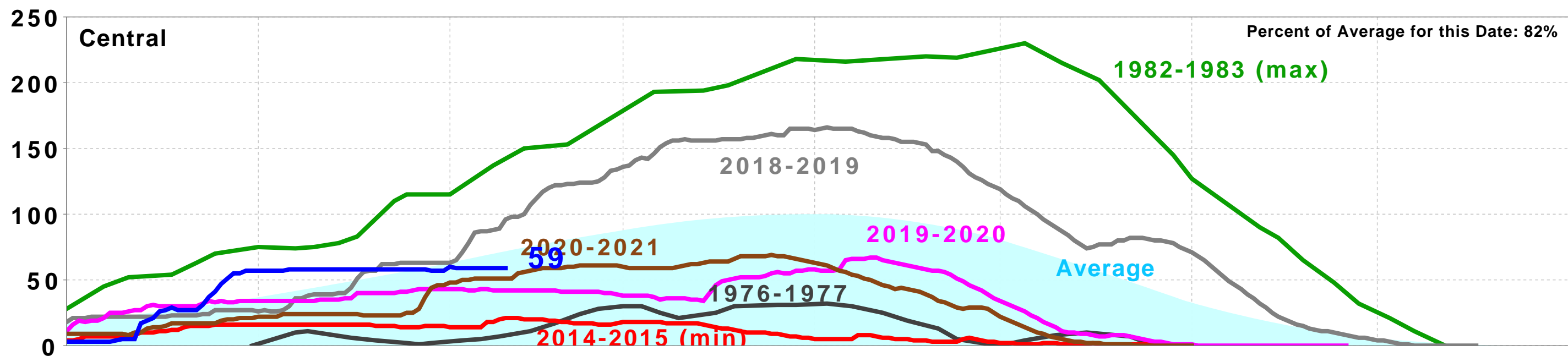
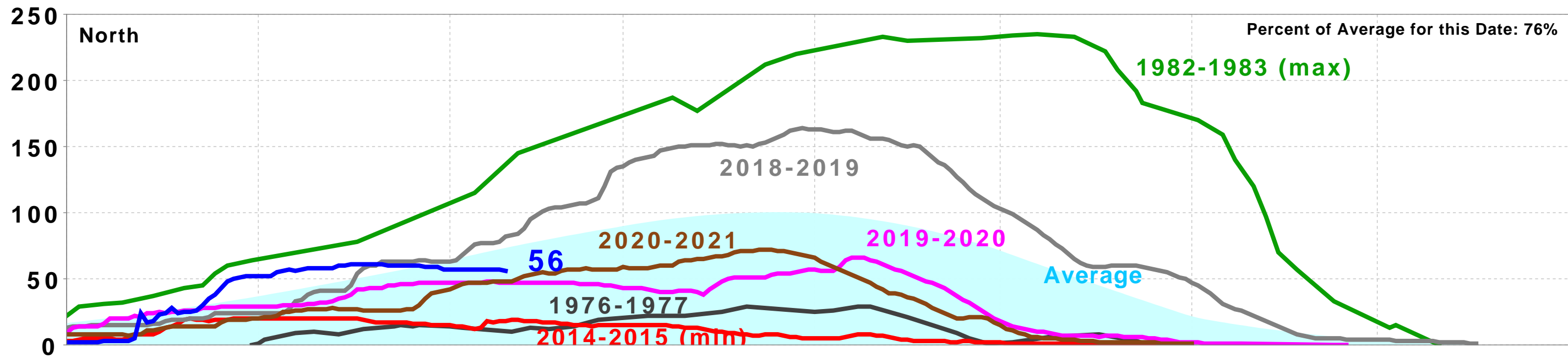
Precipitation Index for Water Year 2022 – Updated on February 10, 2022 02:48 PM

Note: Monthly totals may not add up to seasonal total because of rounding

Water Year Monthly totals are calculated based on Daily precipitation data from 12am to 12am PST



California Snow Water Content, February 10, 2022, Percent of April 1 Average



Statewide Percent of April 1: 57%

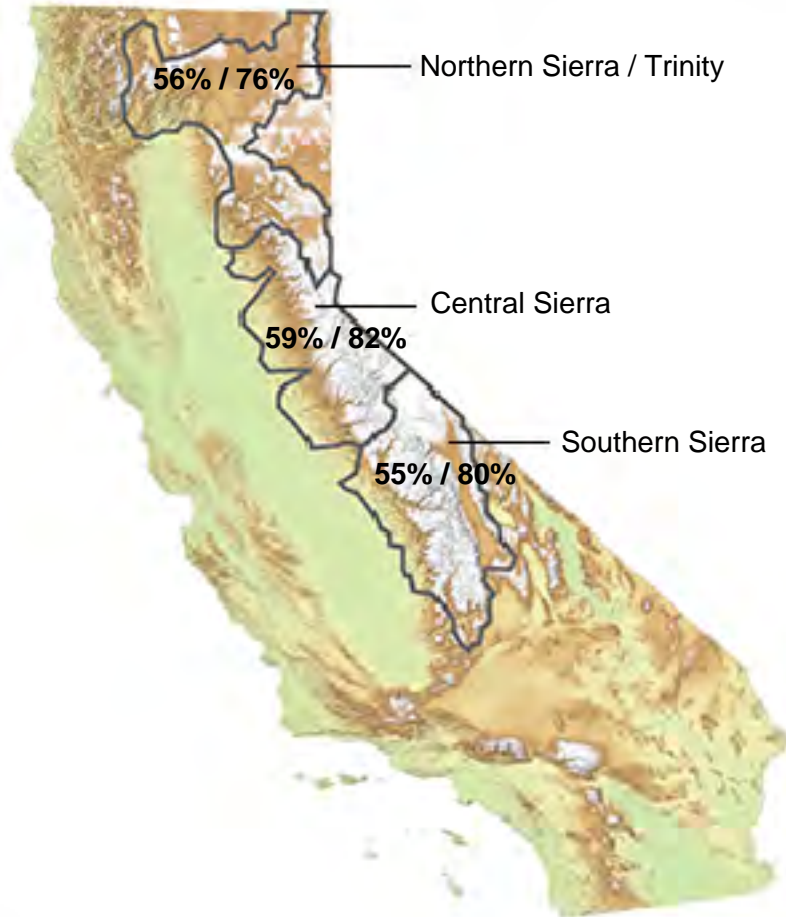
Statewide Percent of Average for Date: 80%



STATEWIDE SNOW WATER CONTENT

CURRENT REGIONAL SNOWPACK FROM AUTOMATED SNOW SENSORS

% of April 1 Average / % of Normal for This Date



Statewide Average: 57% / 80%

NORTH	
Data as of February 10, 2022	
Number of Stations Reporting	30
Average snow water equivalent (Inches)	16.1
Percent of April 1 Average (%)	56
Percent of normal for this date (%)	76

CENTRAL	
Data as of February 10, 2022	
Number of Stations Reporting	42
Average snow water equivalent (Inches)	17.1
Percent of April 1 Average (%)	59
Percent of normal for this date (%)	82

SOUTH	
Data as of February 10, 2022	
Number of Stations Reporting	30
Average snow water equivalent (Inches)	13.8
Percent of April 1 Average (%)	55
Percent of normal for this date (%)	80

STATE	
Data as of February 10, 2022	
Number of Stations Reporting	102
Average snow water equivalent (Inches)	15.8
Percent of April 1 Average (%)	57
Percent of normal for this date (%)	80

Data as of February 10, 2022

U.S. Drought Monitor California

February 8, 2022

(Released Thursday, Feb. 10, 2022)

Valid 7 a.m. EST

Drought Conditions (Percent Area)

	None	D0-D4	D1-D4	D2-D4	D3-D4	D4
Current	0.00	100.00	99.25	66.42	1.39	0.00
Last Week <i>02-01-2022</i>	0.00	100.00	99.25	66.39	1.39	0.00
3 Months Ago <i>11-09-2021</i>	0.00	100.00	100.00	92.43	80.28	37.62
Start of Calendar Year <i>01-04-2022</i>	0.00	100.00	99.30	67.62	16.60	0.84
Start of Water Year <i>09-28-2021</i>	0.00	100.00	100.00	93.93	87.88	45.66
One Year Ago <i>02-09-2021</i>	0.64	99.36	85.10	57.87	31.41	3.75

Intensity:

 None	 D2 Severe Drought
 D0 Abnormally Dry	 D3 Extreme Drought
 D1 Moderate Drought	 D4 Exceptional Drought

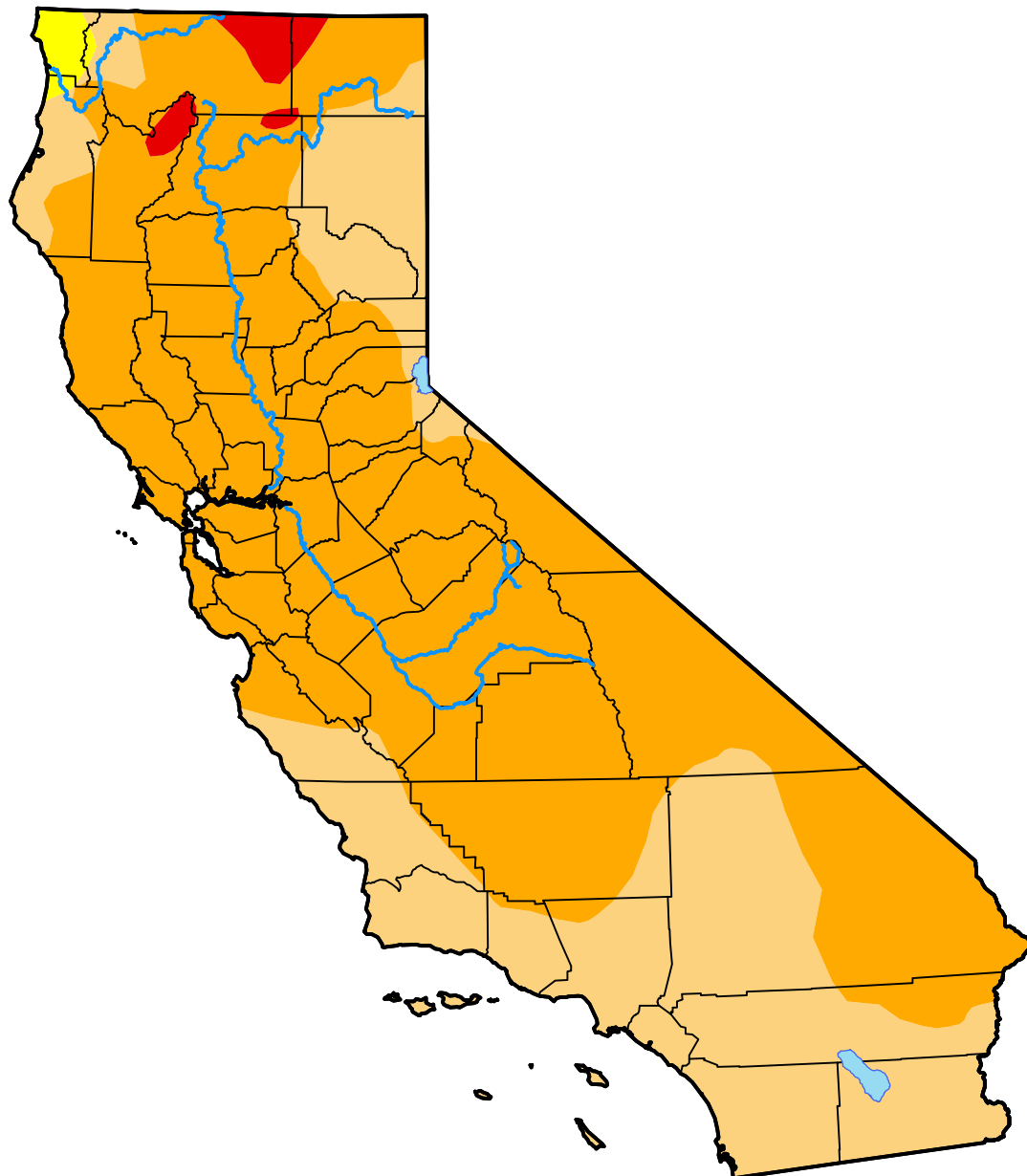
The Drought Monitor focuses on broad-scale conditions. Local conditions may vary. For more information on the Drought Monitor, go to <https://droughtmonitor.unl.edu/About.aspx>

Author:

Deborah Bathke
National Drought Mitigation Center



droughtmonitor.unl.edu



KERN RIVER WATERMASTER

mark@kernriverwm.org

661-333-6981

February 9, 2022

To: Kern River Interests

From: L. Mark Mulkay

RE: Report of Recent Activities

This is February 9, 2022, Kern River Watermaster Report. I spoke with Dana Munn yesterday and he has received awards from a few of our local water districts for his service as a manager and Watermaster. Through some technical IT help, I was able to establish a new email and domain for the Kern River Watermaster. The new email is listed above. Additional thanks to City staff and Scott Kuney for helping me get up to speed and into the flow of information.

Kern Power Plant Request – I continue to have conversations with Ted Sorensen (Kern Power Plant) regarding construction activities at the Kern Power Plant Intake structure. The upper coffer dam was removed between January 27th and the 31st. The lower coffer dam is scheduled to be removed near the end of February.

Isabella Dam Safety Modification Project – There is a Kern River Group meeting with David Serafini (COE) scheduled for 8:00 am, Wednesday, February 16, 2022, to discuss projected water supply based on the B-120. This meeting will be held at the offices of Young/Wooldridge and will also be available via a webex link (link to follow later). We also have a Kern River Group scheduled for 1:30 pm, Thursday, February 10, 2022, to discuss the B-120 ahead of the meeting with the COE. This meeting is available in person or on Zoom. The COE February 2022 Situation Report is attached.

Runoff and Operations – January was extremely dry. Attached is the February 8, 2022, Tulare Basin Precipitation 6-Station Index. The Index has remained at 13.0 inches of precipitation since January 1st and has dropped to 85% of Average for this date. With dry conditions predicted for the next few weeks, this Average will likely go down. The COE B120 came out last night and forecasts a 70% annual flow for the Kern River. I have heard a few predictions that the end of February and early March may bring additional precipitation to our area. Also attached is a four-month Daily Lake Isabella Inflow Analysis (with actuals through Feb. 8) that compares the last four months with the same period of other similar years.

Aerial Snow Observatory – No report.

Public Outreach – I did not have any public inquiries this month.

Watermaster Records – I met with City Central Records and began discussions on including the Onyx Ranch flows into the daily, monthly, and annual First Point records. This information will be discussed with the Kern River Group before it is implemented.

Attachments:

- COE Isabella Situation Report, January 2022
- Tulare Basin Precipitation: 6-Station Index, January 10, 2022
- Daily Lake Isabella Inflow Analysis



ISABELLA LAKE, CA CONSTRUCTION

U.S. ARMY CORPS OF ENGINEERS

BUILDING STRONG.

Location & Description

Isabella Lake Dam (consisting of a Main Dam, Auxiliary Dam and service spillway) is located about 40 miles northeast of Bakersfield in Kern County, California, and became fully operational in 1953. The Main Dam is located near the confluence of the north and south forks of the Kern River and the Auxiliary Dam is located about half a mile east of the Main Dam. The Main Dam is a 185-foot-high earth-fill dam, and the Auxiliary Dam is a 100-foot-high earth-fill dam. The service spillway is located between the two dams. The reservoir (Isabella Lake) has a gross storage capacity of 568,075 acre feet.

February 2022



Advisory

- USACE has established enhanced protocols to ensure the safety of our employees and our partners, and to take necessary precaution to prevent the spread of COVID-19.
- The Phase II Dams and Spillways contractor continues construction activities. As a result, the site including Engineers Point is an active construction area and is off limits to the public.
- Corps policy prohibits public operation of unmanned aircraft systems, such as drones, on or above federal lands and waters managed by USACE. The policy is intended to ensure critical infrastructure security and public safety.

Looking Ahead Next 30+ days)

- Emergency Spillway is 75% complete with common and rock excavation at 85%. Steel rebar, slab, and wall placement work also continues at the Labyrinth Weir at 93% completion.
- Main Dam and Service Spillway work continues with 52% completion and 81% respectively. Photo above shows current embankment work at the Main Dam.
- Main Dam Right abutment wall at HWY 155 is at 99% physical completion with roadway punch list items remaining until spring.
- Auxiliary Dam is 91% complete overall. 74,200 cubic yards of slope protection and embankment remaining to complete the Aux Dam. Aux Dam tower demolition was completed last week.
- Property appraisal for the USFS Visitor Center is complete and real estate acquisition is in progress.
- USACE will provide updates on any changes via public outreach, the monthly SITREP, and the Isabella Task Force engagements.

Current Lake Status (as of February 1, 2022)

The current pool resides at 60,066 acre-feet (elevation 2,535 feet-IPD), which is 17% of restricted pool and 35% of flood conservation pool.

As part of our interim risk reduction measures, Isabella Lake is restricted to 361,250 acre-feet (elevation 2,585.5 feet-IPD) outside of flood season. During flood season (~November-March), flood conservation pool is restricted to 170,000 acre-feet (elevation 2,560.4 feet-IPD). Current lake status can be viewed at <https://go.usa.gov/xE2pX>

Milestones	
Pre-Construction Engineering and Design	Complete
Construction of USFS Fire Station and Admin Facilities	Complete
U.S. Forest Service Visitor's Information Center	In Planning
Permanent Operations Building	2023
Dams and Spillways Construction	2018-2022

U.S. ARMY CORPS OF ENGINEERS, SACRAMENTO DISTRICT, 1325 J ST., SACRAMENTO, CA 95814

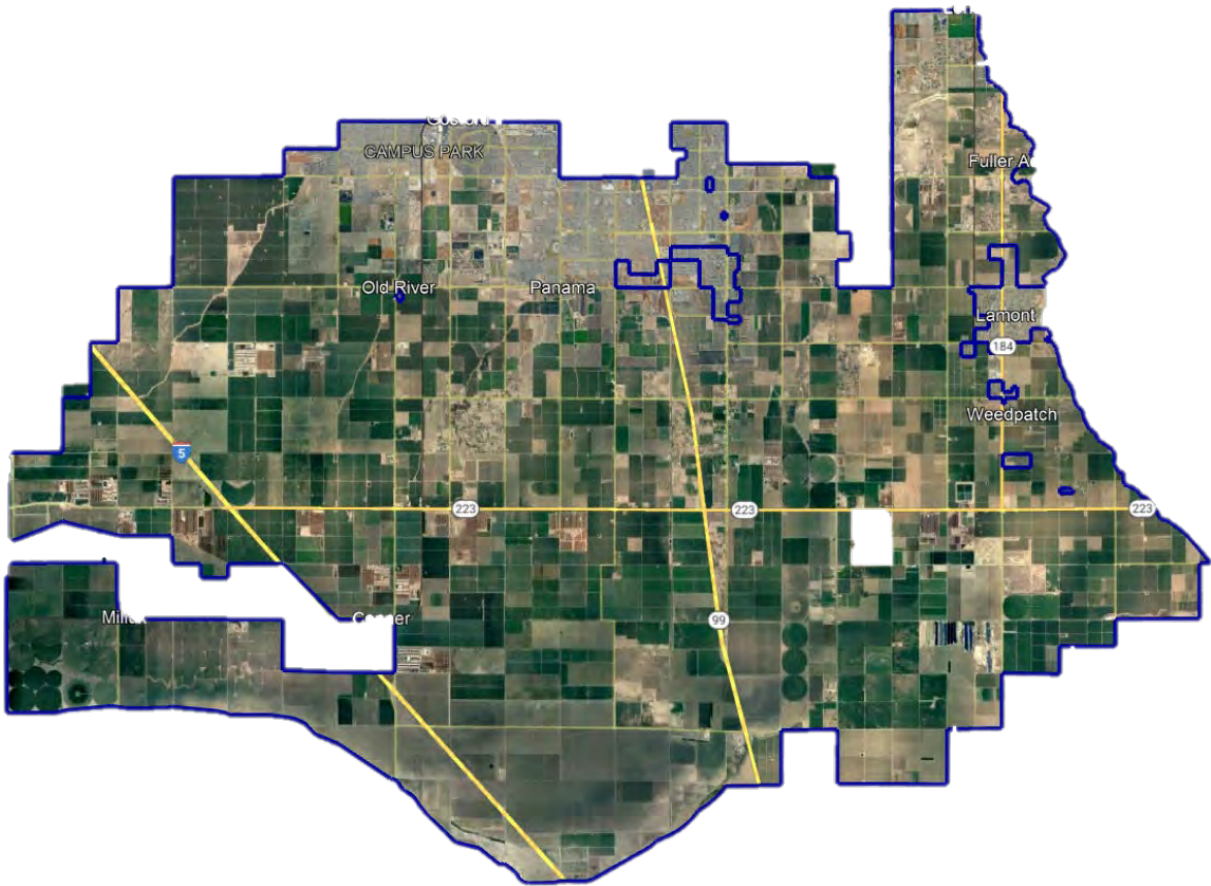
www.spk.usace.army.mil/Missions/CivilWorks/IsabellaDam.aspx

916-557-5100

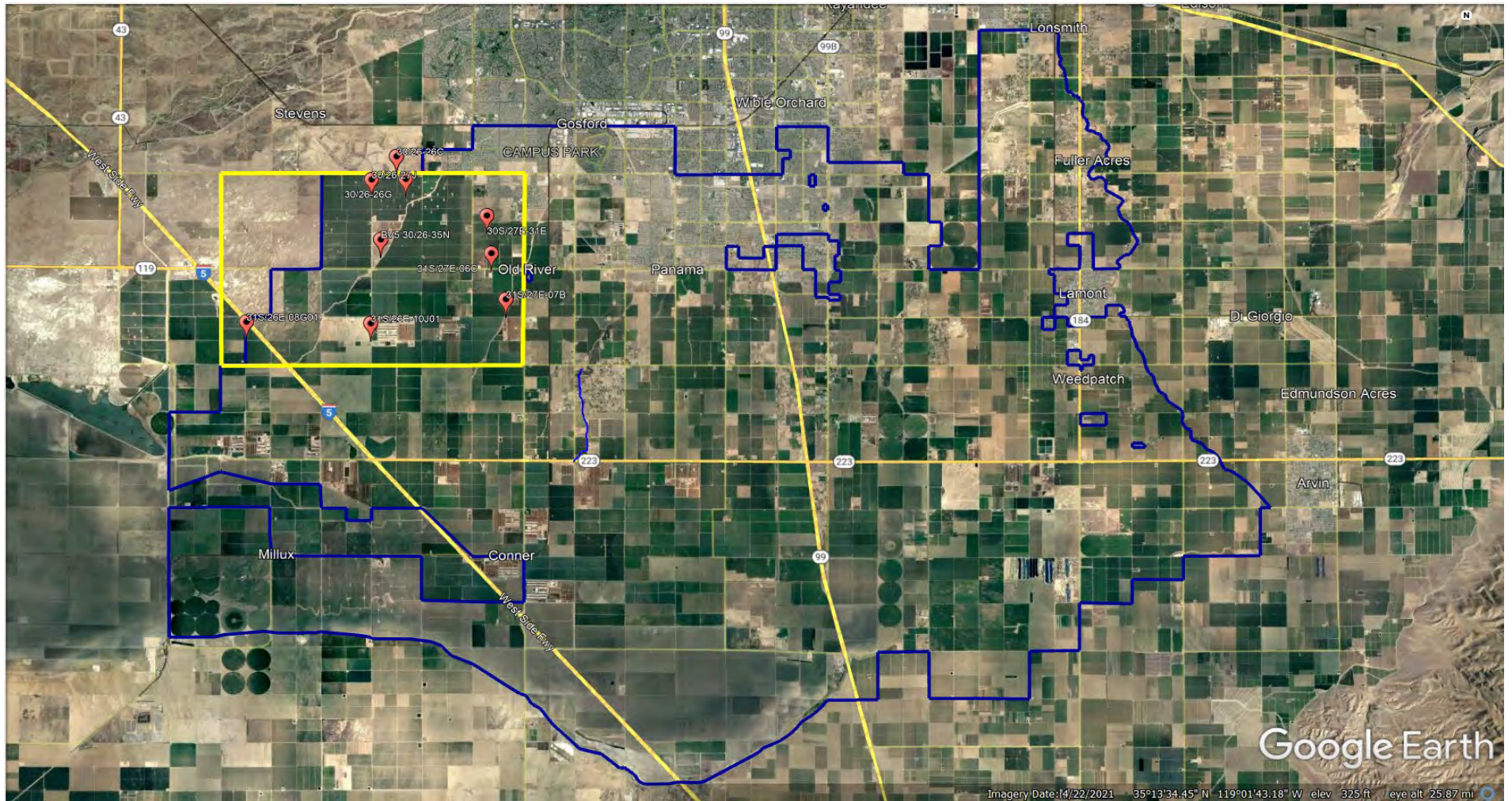
Isabella@usace.army.mil



Monthly Groundwater Report



FEBRUARY 2022



2022



Northwest Quadrant		JAN 2018	JAN 2019	JAN 2020	JAN 2021	JAN 2022	FEB 2022	MAR 2022	APR 2022	MAY 2022	JUN 2022	JUL 2022	AUG 2022	SEP 2022	OCT 2022	NOV 2022	DEC 2022	HIGH	LOW	AVERAGE
	30/26-26C	190	R	204	L	L	L											0	0	
	30/26-26G	197	R	199	L	L	L											0	0	
	30/26-27J	198	R	210	L	L	L											0	0	
	30/26-35N	181	184	171	169	185	179											185	169	178
	30/27-31E	181	202	219	201	224	223											224	201	216
	31/26-08G	168	NR	204	205	200	R											205	200	203
	31/26-10J	170	202	NR	203	205	200											205	200	203
	31/27-06C	NR	208	215	203	215	212											215	203	210
	31/27-07B	199	R	200	NR	235	236											236	235	236
	AVERAGE	186	199	203	196	211	210											211	196	206
Northwest District Average Depth to Water																		210		
Northwest District Maximum Depth to Water																		250		
Northwest District Minimum Depth to Water																		169		

R = running/pumping

NR = temporary no reading

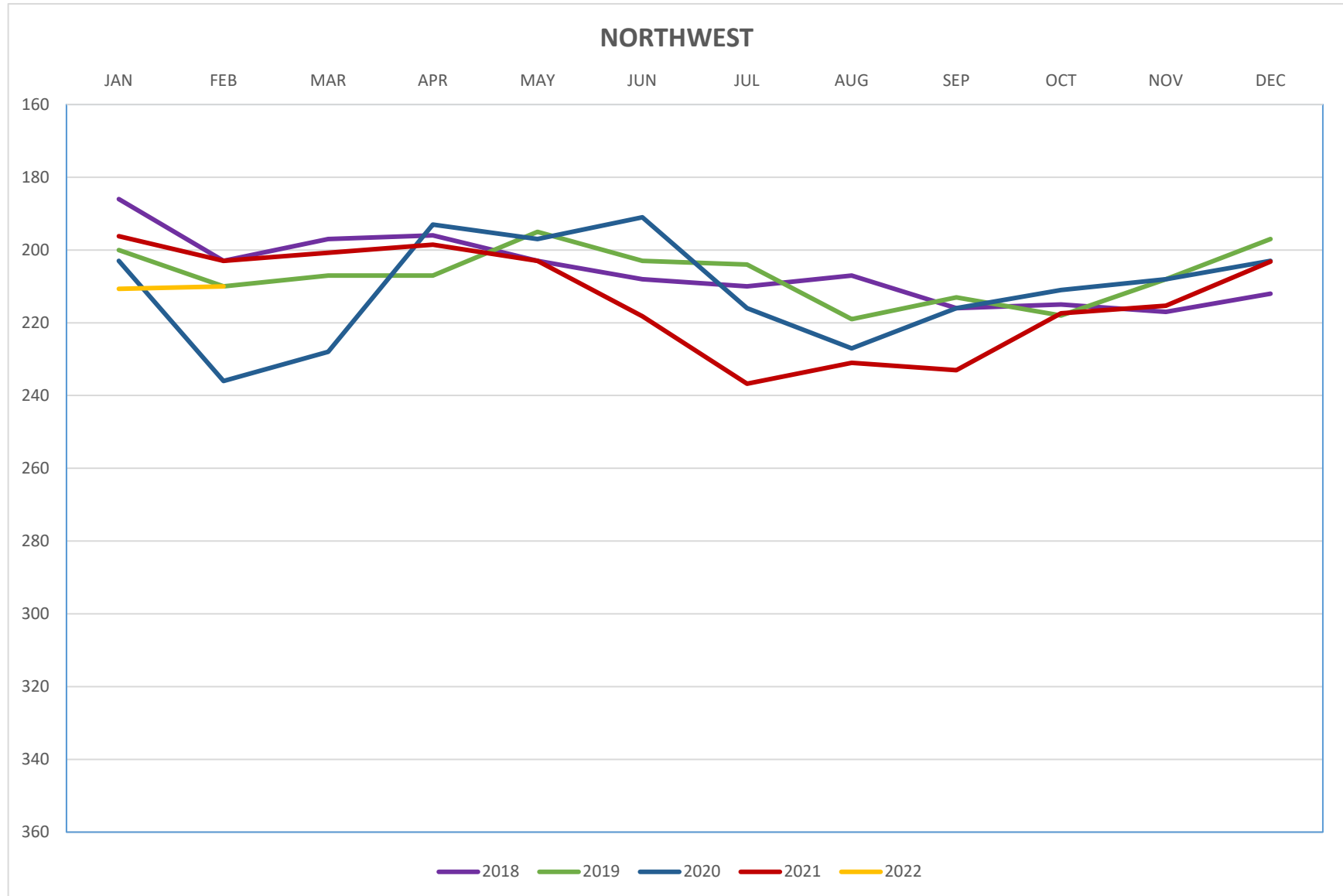
L = gated, letter has been sent requesting access

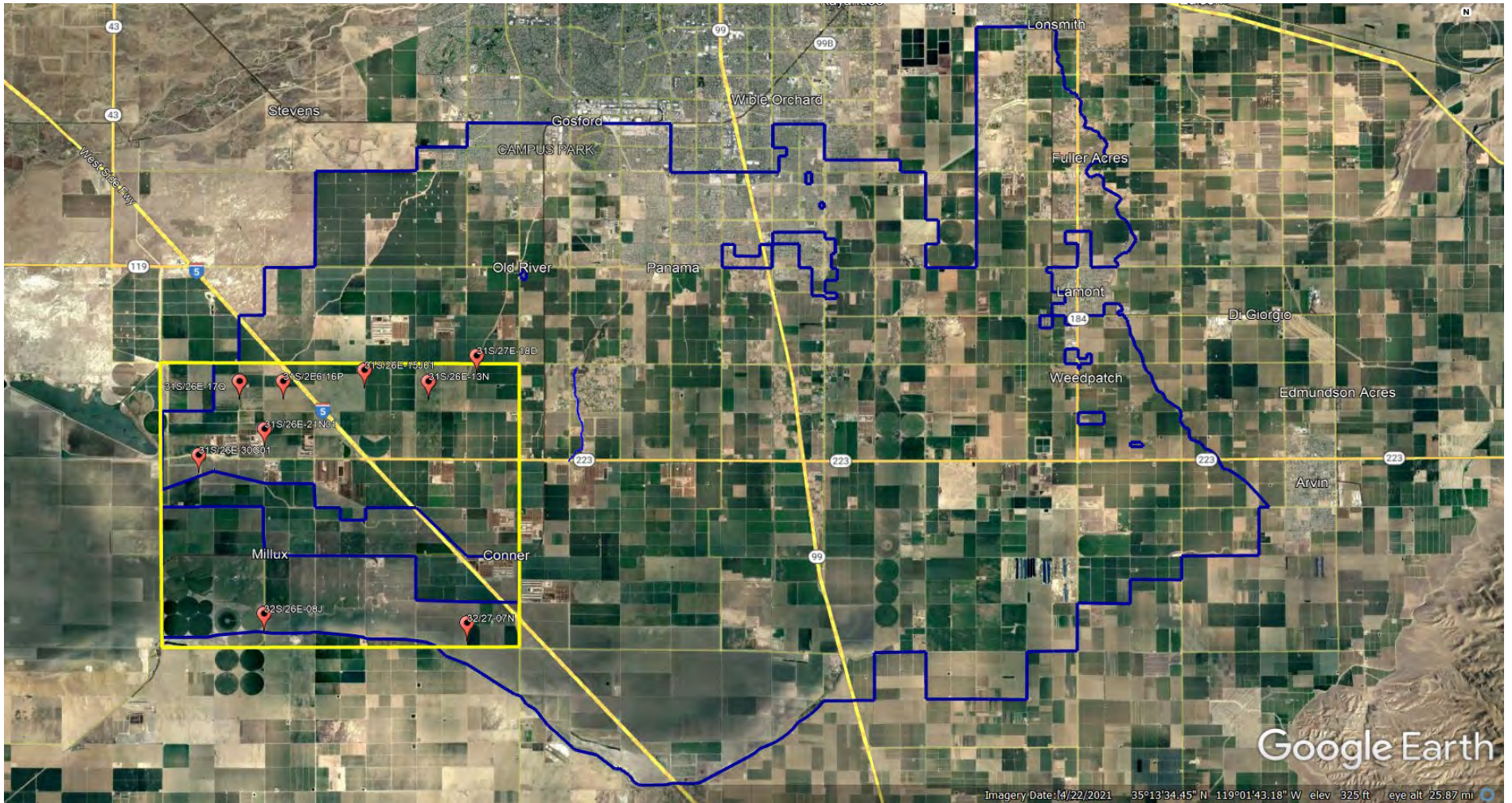
Orange shading = inactive well

unit of measurement = feet

2/10/2022

2022





2022



Southwest Quadrant		JAN 2018	JAN 2019	JAN 2020	JAN 2021	JAN 2022	FEB 2022	MAR 2022	APR 2022	MAY 2022	JUN 2022	JUL 2022	AUG 2022	SEP 2022	OCT 2022	NOV 2022	DEC 2022	HIGH	LOW	AVERAGE
	31/26-13N	180	201	NR	NR	206	216											216	206	211
	31/26-15J	168	205	NR	201	205	214											214	201	207
	31/26-16P	168	207	204	202	200	200											202	200	201
	31/26-17Q	NR	210	203	219	202	218											219	202	213
	31/26-21N	175	238	204	204	228	217											228	204	216
	31/26-30G	159	240	268	203	234	200											234	200	212
	31/27-18D01	NR	206	201	203	222	210											222	203	212
	32/26-08J	189	215	209	212	200	NR											212	200	206
	32/27-07N	NR	200	288	200	201	169											201	169	190
	AVERAGE	173	214	225	206	211	206											211	206	207
Southwest District Average Depth to Water																		219		
Southwest District Maximum Depth to Water																		295		
Southwest District Minimum Depth to Water																		200		

R = running/pumping

NR = temporary no reading

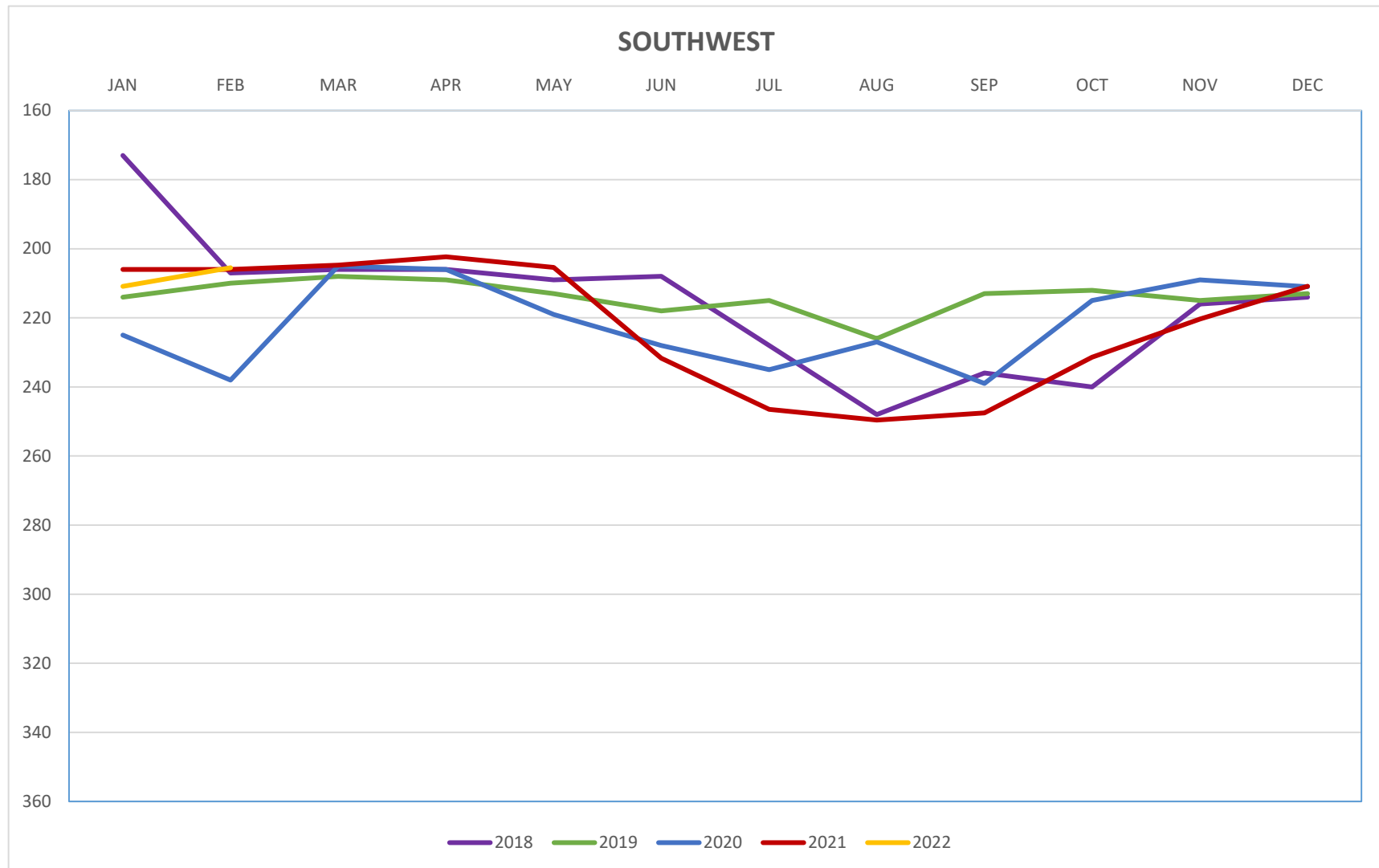
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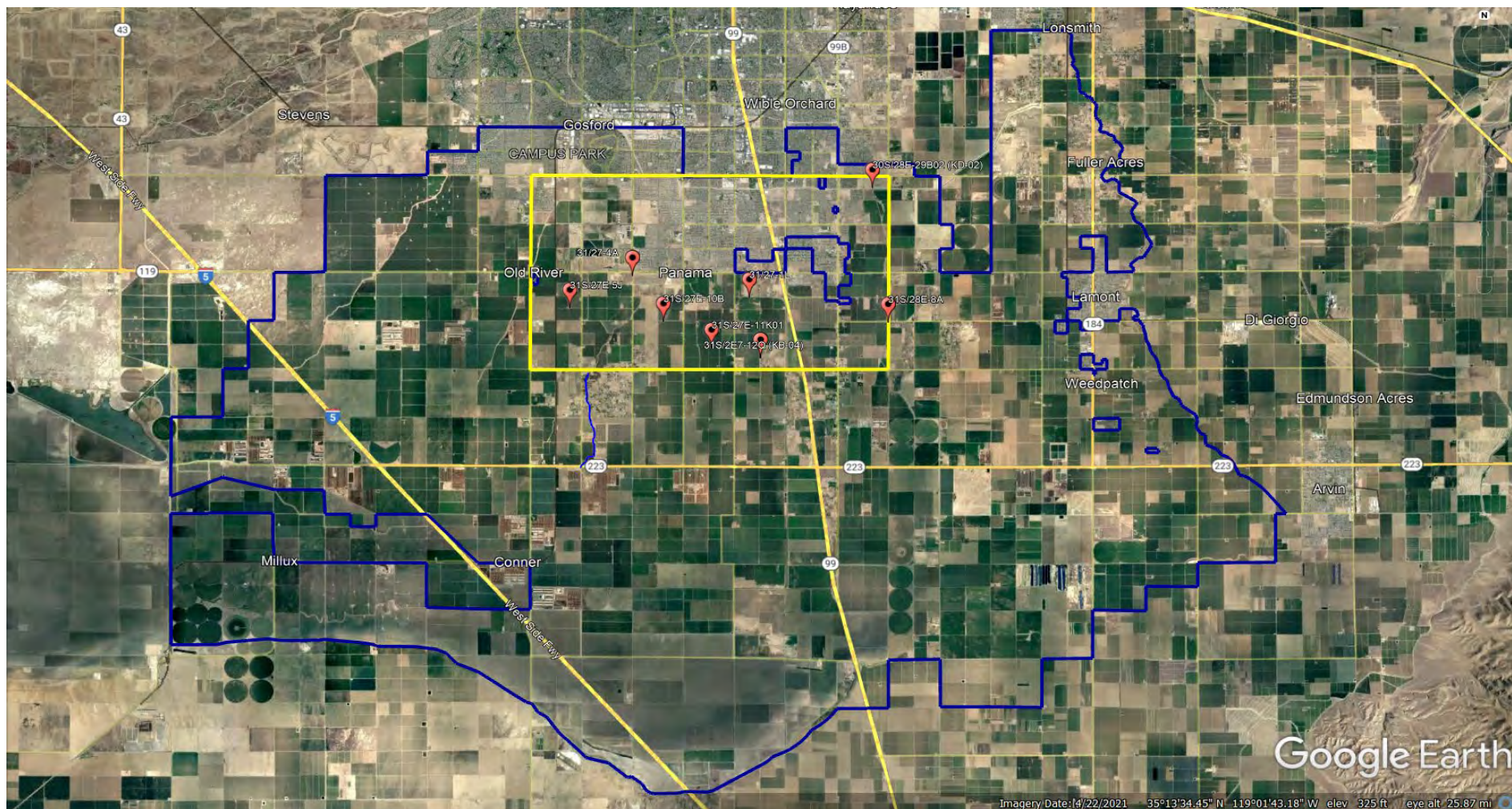
Orange shading = inactive well

unit of measurement = feet

2/10/2022

2022





2022



North-Central Quadrant		JAN 2018	JAN 2019	JAN 2020	JAN 2021	JAN 2022	FEB 2022	MAR 2022	APR 2022	MAY 2022	JUN 2022	JUL 2022	AUG 2022	SEP 2022	OCT 2022	NOV 2022	DEC 2022	HIGH	LOW	AVERAGE
	30/28-29B	236	243	229	225	231	233											233	225	230
	31/27-01L	260	220	232	219	170	170											219	170	186
	31/27-04A	176	183	184	179	182	180											182	179	180
	31/27-05J	200	NR	228	207	230	231											231	207	223
	31/27-10B	NR	NR	208	208	210	211											211	208	210
	31/27-11K	170	330	227	333	225	234											333	225	264
	31/27-12Q	140	140	139	141	174	179											179	141	165
	31/28-08A	220	243	244	249	264	235											264	235	249
	AVERAGE	200	227	211	220	211	209											220	209	213
North-Central District Average Depth to Water																		223		
North-Central District Maximum Depth to Water																		353		
North-Central District Minimum Depth to Water																		140		

R = running/pumping

NR = temporary no reading

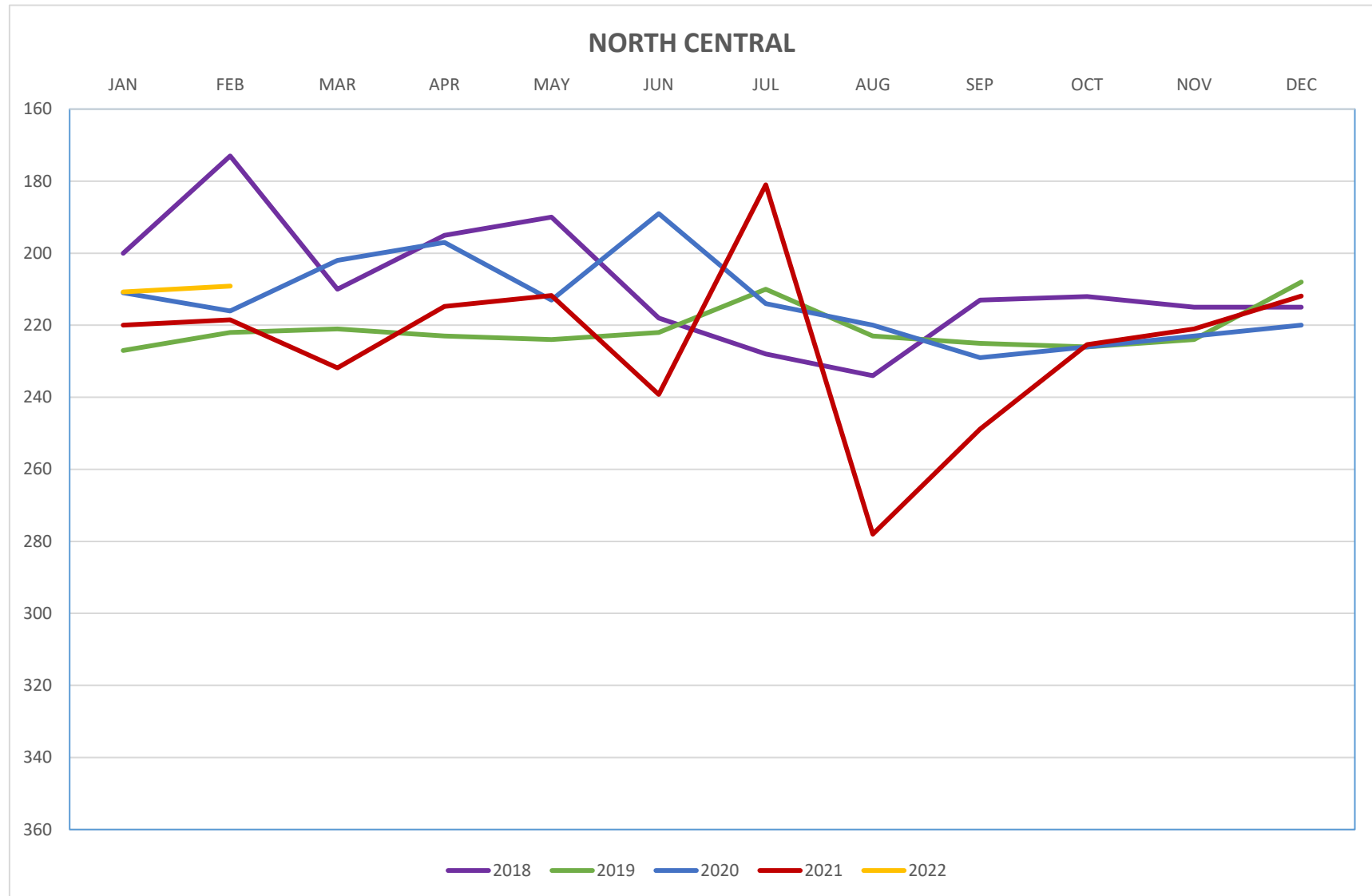
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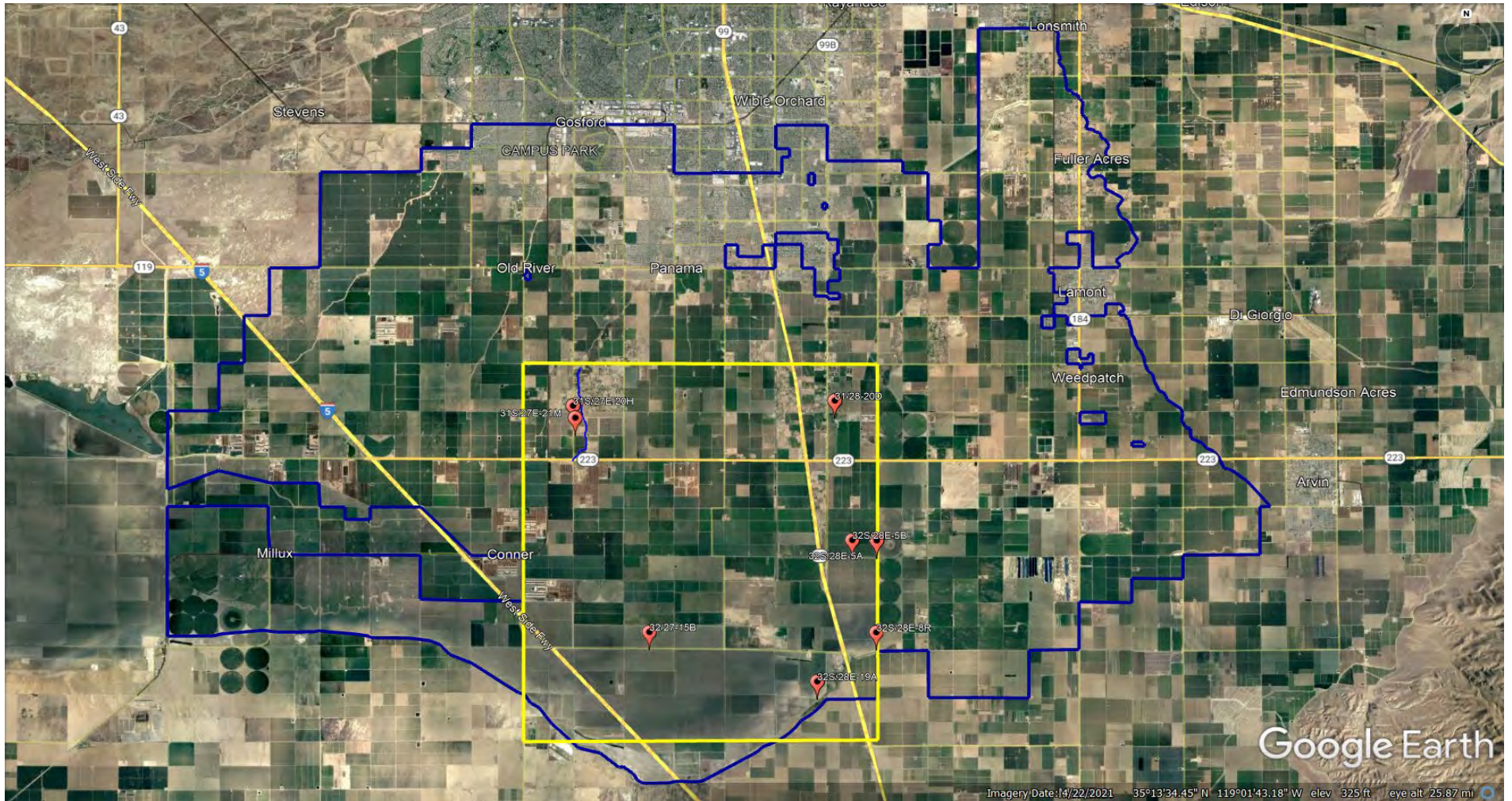
Orange shading = inactive well

unit of measurement = feet

2/10/2022

2022





2022



South-Central Quadrant		JAN 2018	JAN 2019	JAN 2020	JAN 2021	JAN 2022	FEB 2022	MAR 2022	APR 2022	MAY 2022	JUN 2022	JUL 2022	AUG 2022	SEP 2022	OCT 2022	NOV 2022	DEC 2022	HIGH	LOW	AVERAGE
	31/27-20H	NR	NR	211	NR	213	215											215	213	214
	31/27-21M	160	L	L	NR	220	220											220	220	220
	31/28-20D	180	190	201	R	202	200											202	200	201
	32/27-15B	196	231	202	200	201	189											201	189	197
	32/28-19A	NR	215	222	222	255	222											255	222	233
	32/28-05A	NR	250	239	220	214	221											221	214	218
	32/28-05B	NR	226	201	205	221	210											221	205	212
	32/28-08R	NR	224	253	222	255	253											255	222	243
	AVERAGE	179	223	218	214	223	216											223	214	218
South-Central District Average Depth to Water																		224		
South-Central District Maximum Depth to Water																		311		
South-Central District Minimum Depth to Water																		184		

R = running/pumping

NR = temporary no reading

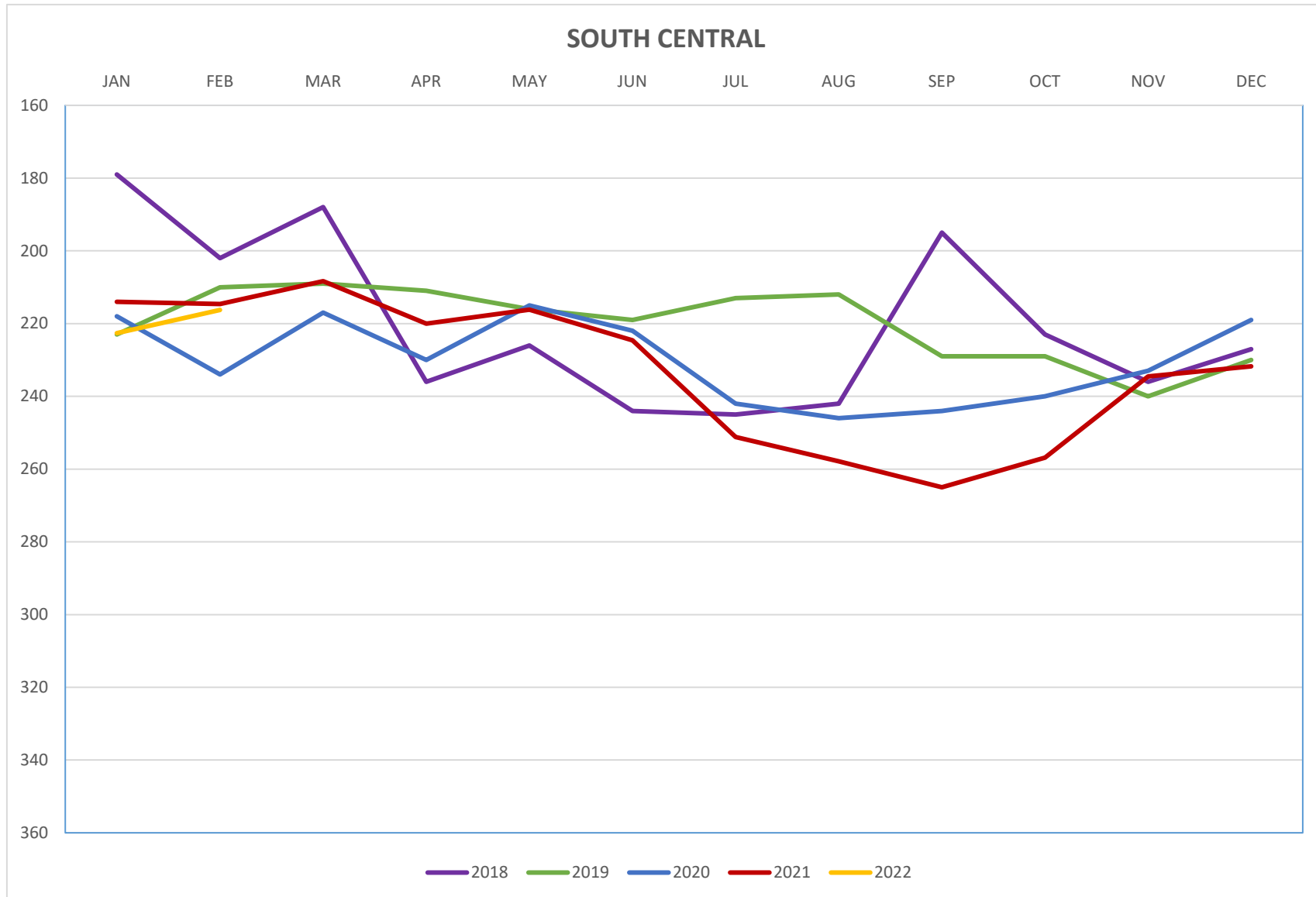
L = gated, letter has been sent requesting access

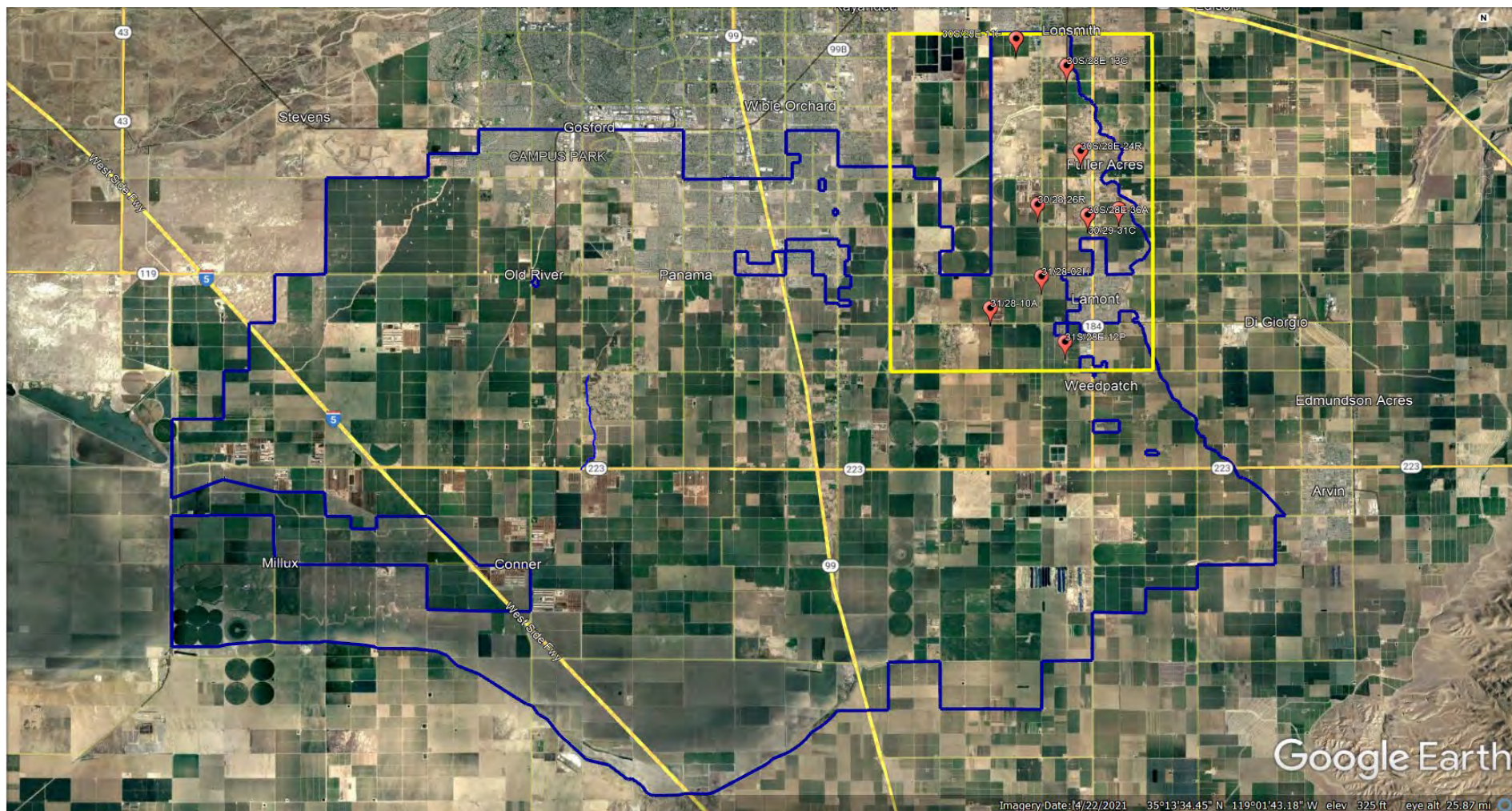
Orange shading = inactive well

unit of measurement = feet

2/10/2022

2022





2022



Northeast Quadrant		JAN 2018	JAN 2019	JAN 2020	JAN 2021	JAN 2022	FEB 2022	MAR 2022	APR 2022	MAY 2022	JUN 2022	JUL 2022	AUG 2022	SEP 2022	OCT 2022	NOV 2022	DEC 2022	HIGH	LOW	AVERAGE
	30/28-11F	248	263	263	264	272	271											272	264	269
	30/28-13C	290	R	300	331	320	R											331	320	326
	30/28-24R	NR	306	311	309	NR	NR											309	309	309
	30/28-26R	NR	287	NR	NR	NR	NR											0	0	####
	30/28-36A			212	NR	NR	NR											0	0	####
	30/29-31C	323	327	338	330	344	335											344	330	336
	31/28-02H	288	291	290	295	326	302											326	295	308
	31/28-10A	249	253	253	258	265	266											266	258	263
	31/28-12P	222	286	284	NR	NR	R											0	0	####
	AVERAGE	270	288	281	298	305	294											305	294	299
Northeast District Average Depth to Water																		298		
Northeast District Maximum Depth to Water																		370		
Northeast District Minimum Depth to Water																		230		

R = running/pumping

NR = temporary no reading

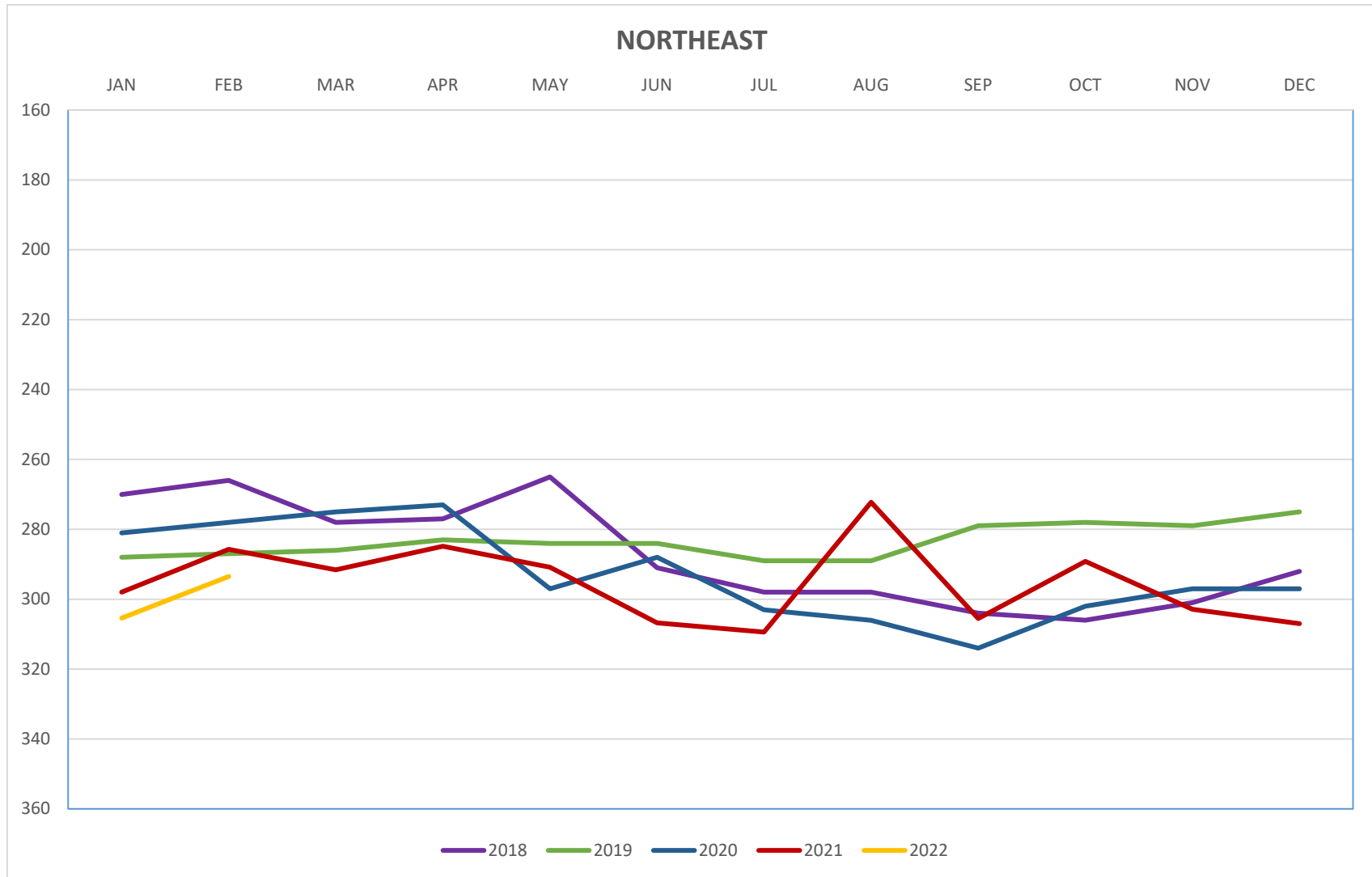
L = gated, letter has been sent requesting access

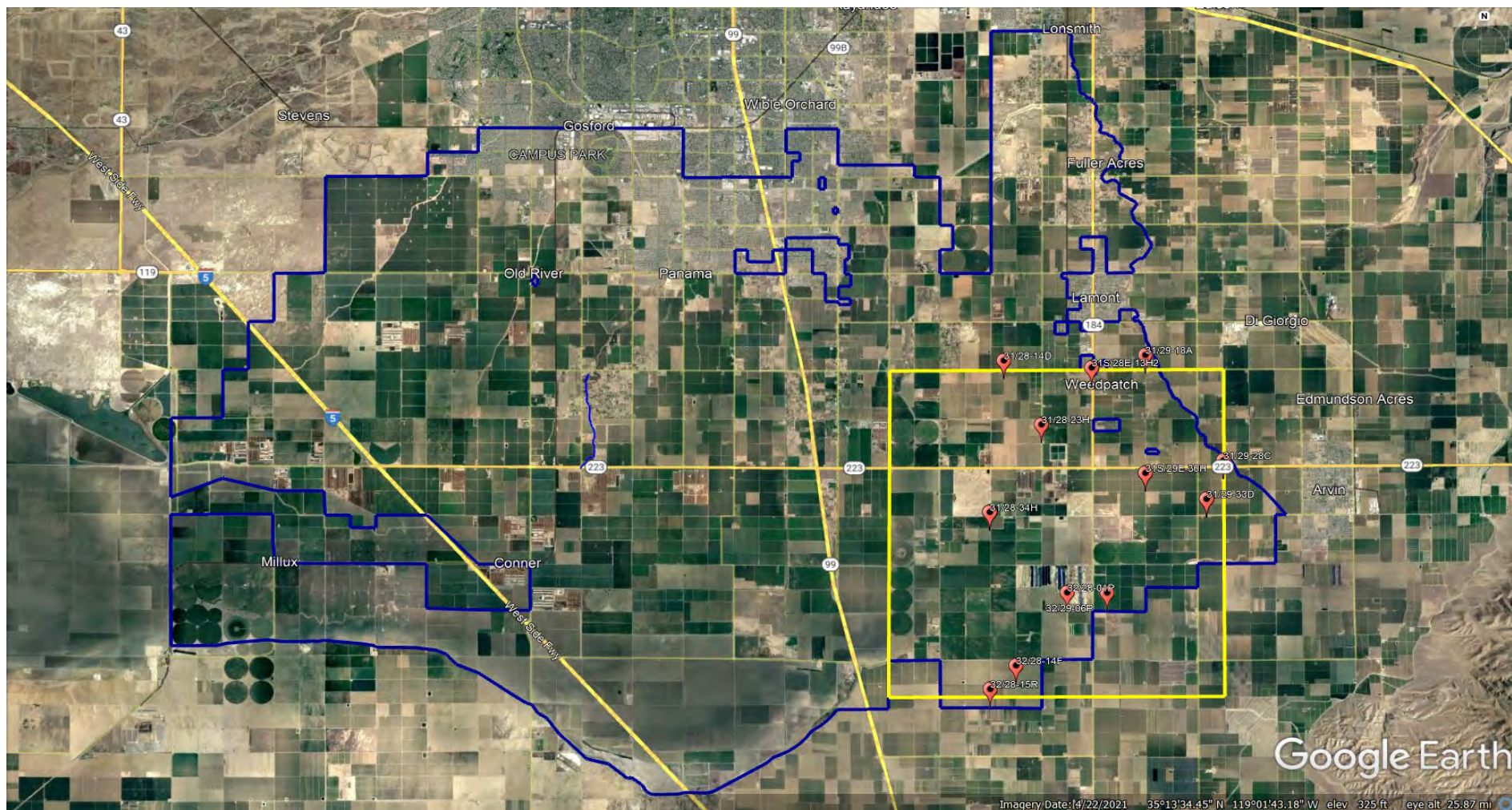
Orange shading = inactive well

unit of measurement = feet

2/10/2022

2022





2022



		JAN 2018	JAN 2019	JAN 2020	JAN 2021	JAN 2022	FEB 2022	MAR 2022	APR 2022	MAY 2022	JUN 2022	JUL 2022	AUG 2022	SEP 2022	OCT 2022	NOV 2022	DEC 2022	HIGH	LOW	AVERAGE
Southeast Quadrant	31/28-13H2		NR	NR	NR	290	290											290	290	290
	31/28-14D	233	239	230	235	247	232											247	232	238
	31/28-23H	278	290	286	275	276	330											330	275	294
	31/28-34H	NR	337	206	204	203	224											224	203	210
	31/29-18A	234	335	333	241	349	348											349	241	313
	31/29-28C	219	347	344	NR	NR	R											0	0	####
	31/29-30H	NR	NR	NR	331	353	331											353	331	338
	31/29-33D	294	342	250	338	239	340											340	239	306
	32/28-14F	NR	NR	222	241	NR	225											241	225	233
	32/28-15R	300	263	272	291	314	314											314	291	306
	32/28-01P	NR	NR	NR	NR	207	196											207	196	202
	32/29-06P	NR	183	177	208	NR	NR											208	208	208
	AVERAGE	260	292	258	263	275	283											283	263	274
	Southeast District Average Depth to Water																	278		
	Southeast District Maximum Depth to Water																	360		
	Southeast District Minimum Depth to Water																	189		

R = running/pumping

NR = temporary no reading

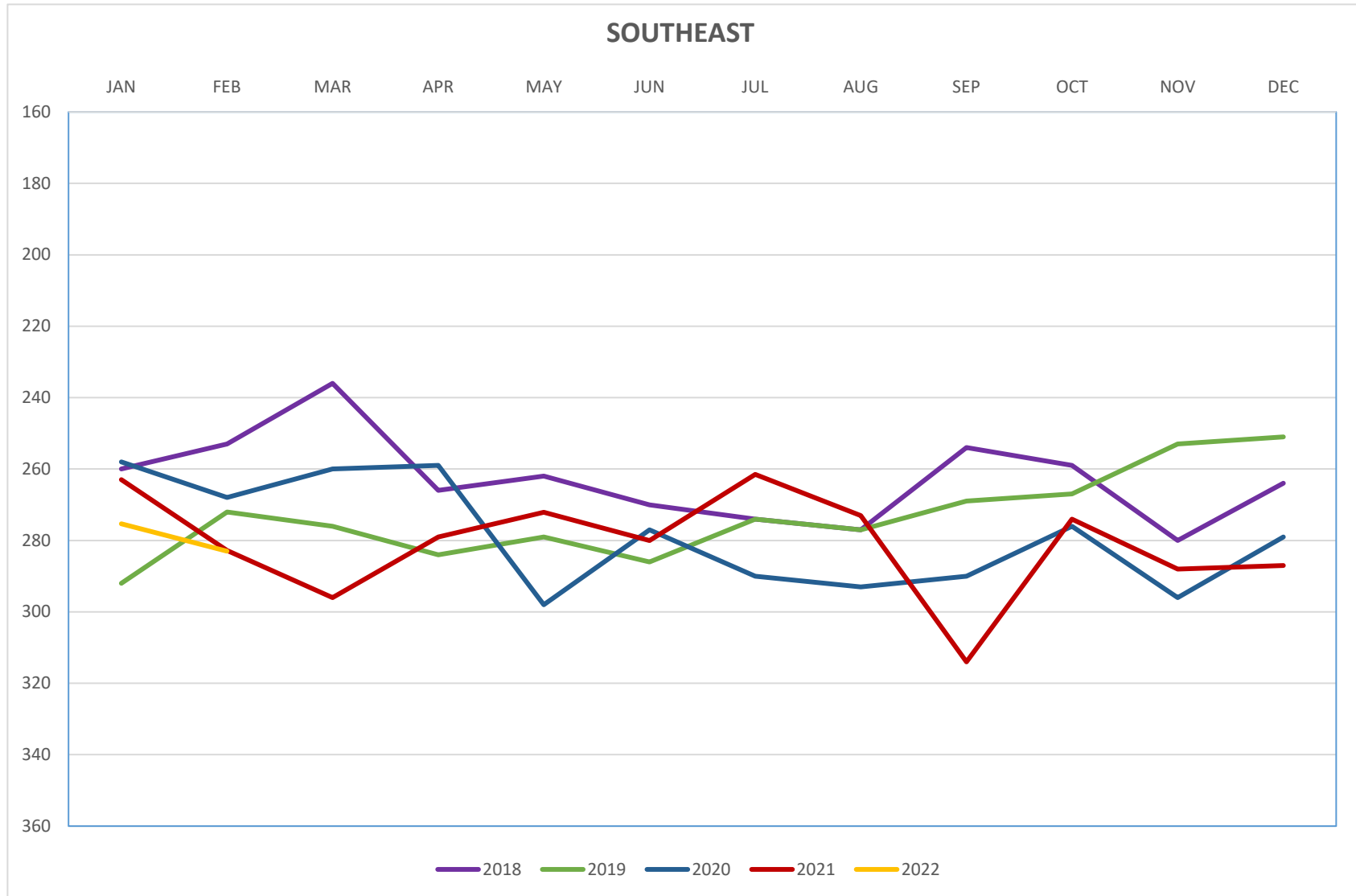
L = gated, letter has been sent requesting access

Orange shading = inactive well

unit of measurement = feet

2/10/2022

2022



Tab VI





North West Kern Resource Conservation District

5080 California Ave. #150
Bakersfield, CA 93309
(661) 281-2746
(844) 206-6892 fax

Board of Directors
CRAIG FULWYLER
President

JIM GRUNDT
Vice President

GABRIEL GIESICK
Secretary – Treasurer

BRYAN BONE
Director

DON PALLA
Director

MATTHEW HADDON
Director

JOHN GEBHARDT
Director

BRIAN HOCKETT
District Manager

CHRISTINE AGUIRRE
District Secretary

Steve Teglia, General Manager
Kern Delta Water District
501 Taft Hwy
Bakersfield, CA 93307-6247

January 5, 2022

Dear Steve,

Enclosed is a copy of the annual report for the North West Kern Resource Conservation District. The period covered is from January 1, 2021 through December 31, 2021.

The following table summarizes the evaluations that were conducted by the Mobile Irrigation Lab in the Kern Delta WD during the 2021 irrigation season.

Table 1. 2021 irrigation season

Grower	System Type	Crop	Acres	DU
Old River Ranch LLC	Micro/drip	Almonds	91	99
Old River Ranch LLC	Micro/drip	Almonds	363	99
Bernardo Vidaurreta	Micro/drip	Almonds	35	99
Palla Rosa BV Dairy, Inc.	Micro/drip	Almonds	293	98
Mark Vandborg Farms	Micro/drip	Grapes	8	79
Illume Agriculture	Micro/drip	Grapes	259	95
Palla Farms	Micro/sprinkler	Almonds	76	76
Palla Farms	Micro/sprinkler	Almonds	76	90*
Total			712	

(*) This was a re-test after implementing Mobile Lab recommendations.

The North West Kern RCD would like to thank the Kern Delta WD for their participation in the Mobile Lab program. We look forward to working with the landowners in your district in the upcoming season.

Sincerely,

A handwritten signature in blue ink, appearing to read "Brian W. Hockett".

Brian W. Hockett, District Manager

2021
Annual Report
of the
North West Kern
Resource Conservation District

2021 ANNUAL REPORT

of the

NORTH WEST KERN

RESOURCE CONSERVATION DISTRICT

5080 California Avenue, Suite #150

Bakersfield, CA 93309

DISTRICT DIRECTORS

President	- <i>Craig Fulwyler</i>
Vice-President	- <i>Jim Grundt</i>
Secty-Treasurer	- <i>Gabriel Giesick</i>
Director	- <i>Bryan Bone</i>
Director	- <i>John Gebhardt</i>
Director	- <i>Don Palla</i>
Director	- <i>Matthew Haddon</i>

DISTRICT EMPLOYEES

District Manager	- <i>Brian Hockett</i>
District Secretary	- <i>Christine Aguirre</i>
Irrigation Technician	- <i>Steven Hiebert</i>
Irrigation Technician	- <i>Aaron Millwee</i>

NATURAL RESOURCES CONSERVATION SERVICE PERSONNEL

District Conservationist	- <i>Amy Rocha</i>
Soil Conservationist	- <i>Emmanuel Hinojosa</i>
Soil Conservationist	- <i>Phuong Ly</i>
Soil Conservationist	- <i>Santos Colberg</i>
Conservation Specialist	- <i>Raul Ramirez</i>
Agricultural Engineer	- <i>Marcos Perez</i>
Ag/Civil Engineer	- <i>Marcoantonio Salazar</i>
WRP Engineer	- <i>Jose Lule</i>
Farm Bill Assistant	- <i>Ashanti Robertson</i>
Biologist – Amer. Bird Cons.	- <i>Bailey Friedman</i>

GENERAL INFORMATION

The North West Kern Resource Conservation District (RCD) has pursued the goals of the District's Long-Range Work Plan throughout the course of the year, emphasizing Irrigation Water Management (IWM). The boundaries of the RCD encompass a total of 744,800 acres, reaching as far west as the north western portion of Kern County, then along the county line east of Delano, and then almost as far south as Taft, with areas in between that are not included in the boundaries.

The year started with more tests than normal in January, but February and March were more typical. However, once April hit, the number of evaluations being conducted increased substantially.

ACKNOWLEDGMENT

The Natural Resources Conservation Service (NRCS) aided the RCD through in-kind services, of which involved the usage of office space, information, materials within the office and office personnel.

ASSISTANCE

The RCD provided secretarial assistance to the NRCS to process 128 incoming Environmental Quality Incentive Program (EQIP) applications, of which 52 were funded for a total of just over \$5.0M. The RCD also assisted in handling various tasks that occurred daily with the help of the district's secretary. However, with most NRCS employees working from home due to the pandemic, not as much assistance was needed as in years past.

MEETINGS

1. Regular meetings of the RCD were held on the third Wednesday of the month through most of the year, but in October they were changed to the third Tuesday due to scheduling conflicts.
2. Participated in steering committee meetings for the Poso Creek Integrated Regional Water Management Group on the 1st Tuesday of the month when available.
3. Water district meetings attended were all virtual.

COOPERATIVE EFFORTS

1. Conducted twelve evaluations in Madera County and three in Kern County at the request of the NRCS under the Environmental Quality Incentives Program (EQIP).
2. Worked with the Sierra RCD to conduct two irrigation evaluations under the SWEEP (State Water Energy Efficiency Program) Initiative.

AGREEMENTS

The RCD had one agreement during the year which aided the NRCS through the Environmental Quality Incentive Program.

1. Contribution Agreement No. NR199104XXXXC017 (\$25,000.00 for two years) to accelerate implementation of USDA Farm Bill Programs; Environmental Quality Incentive Program (EQIP), Kern, Tulare, Kings, Fresno, and Madera counties dated September 29, 2019 through September 30, 2021. An extension was received on September 28, 2021 through September 30, 2022 for an additional \$15,000.00 for a total of \$40,000.00

POSO CREEK

In January, CalFire crews were employed to conduct a clean-up project near Hwy 43. They removed downed trees and limbs that had fallen throughout the year. The crews were made up of prisoners from a minimum-security camp outside of Springville. These crews were utilized again in December to remove additional trees that had fallen throughout the spring and summer.

The RCD continues to work with FEMA to restore the levees that were destroyed when flooding occurred in 2017. Part of that process though requires a permit from the CA Dept. of Fish & Wildlife to be able to work in the dry, ephemeral streambed. The reason for the permit is due to endangered species in the vicinity of the project. No such permit has been issued and we continue to wait for Fish and Wildlife to make the issuance.

FUNDING

The Mobile Lab is funded through a fee for service. Support from local water districts keeps this fee affordable. In addition, funding is received from the Natural Resources Conservation Service, as mentioned above under 'Agreements.'

Contributions from water districts to the Mobile Lab for the 2019-2020 fiscal year were as follows:

1. Semitropic WSD	\$	10,000.00
2. Arvin-Edison WSD	\$	6,000.00
3. North Kern Water Storage District	\$	6,000.00
4. Shafter-Wasco ID	\$	6,000.00
5. Belridge WSD	\$	5,000.00
6. Berrenda Mesa Water District	\$	5,000.00
7. Buena Vista Water Storage District	\$	2,500.00
8. Cawelo Water District	\$	5,000.00
9. Wheeler Ridge-Maricopa WSD	\$	5,000.00
10. Lost Hills Water District	\$	5,000.00
11. Kern Delta Water District	\$	4,000.00
12. Southern San Joaquin MUD	\$	4,000.00
13. Delano-Earlimart Irrigation District	\$	2,500.00
13. Henry Miller Water District	\$	2,500.00
14. Rosedale Rio-Bravo WSD	\$	2,000.00
15. Kern-Tulare Water District	\$	1,000.00
Total contributions -	\$	71,500.00

MOBILE LAB PROGRAM ANNUAL PROGRESS REPORT

For services performed from January 1, 2021 to December 31, 2021.

IRRIGATION SYSTEM EVALUATIONS

A total of 227 evaluations were conducted on 29,405 acres during the 2021 irrigation season, with 15 of these being conducted under the NRCS/EQIP Water Conservation program and another two under the SWEEP Initiative.

Table 1. Summary of evaluations conducted in 2021.

System Type	Crop	Number of Evaluations	Acres Evaluated	Average DU (%)
Drip	Almonds	56	8,115	90.1
	Citrus	1	251	98
	Grapes	12	1,215	87.1
	Pistachios	85	11,585	87.6
	Stone Fruit	8	853	82.3
	Total	162	22,019	
Micro Sprinkler	Almonds	50	6,683	82.9
	Citrus	8	304	76.9
	Persimmons	1	1	93
	Pistachios	3	94	54.7
	Total	62	7,082	
Center Pivot	Carrots	2	304	86

OBSERVATIONS AND RECOMMENDATIONS

Micro-Irrigation Systems

The main cause of non-uniformity during the irrigation season was due to a variation in system pressures. These variations were typically due to improperly set control valves, plugged hose screens and/or debris that had accumulated in the sub-mains and manifolds causing a reduction in pressure. By resetting valves and cleaning hose screens, most of the problems that occurred in these systems were corrected. With the elimination of these problems, overall system uniformity improved dramatically, as shown through later tests.

Other observations and recommendations made during the season included:

1. Installation or replacement of flow meter – The flow meter is an indispensable management tool that can help to monitor the amount of water applied throughout the season. Also, checking the flow meter frequently can help to detect system problems. For example, a steady decline in flow rate may indicate pump wear or a drop in the water level of a well. A slight decline in flow rate can indicate emitter plugging as well.
2. Opening Flush-outs – Upon opening some of the manifold flush outs, it was discovered that the water was very dirty in some systems. Manifold flush-outs should be opened periodically to flush out silt and debris that was not removed by the filters. The frequency at which this should occur will depend on the quality of the irrigation water and the effectiveness of the filters.
3. Hose Flushing – Most water users were very good about flushing hose ends, but in some cases the water coming out the end of the hose was very dirty. With micro-irrigation systems, it is very important to periodically undo the ends of each individual line and flush the dirt and debris from it. If this is not done on a regular basis, the dirty water in the hoses can plug the emitters. Hoses should be flushed as often as necessary depending on the quality of the irrigation water.
4. Emitter Plugging – This was found to be a problem at numerous locations. With micro-irrigation systems, bacteria and algae can build up inside the hoses and emitters and may eventually cause plugging. This can be avoided by regularly injecting chlorine or acid into the system, or some type of material that will promote the breakdown of these clogging agents. Emitters can also be replaced where needed.
5. Hose Screens – Hose screens are valuable for removing large particles that may have escaped from the filter system. However, they can become plugged with algae or debris, thus reducing pressure to a given hose line, and thereby decreasing uniformity to the overall irrigation system. This was found to be the case in some situations throughout the irrigation season, but not as much as in the past as operators are taking out or not even including them in the installation of the system. Chlorine/acid injection can help to prevent this problem from occurring, however, hose screens should be checked periodically for clogging. If they are clogged, they can be rinsed clean or replaced. Not all systems have hose screens installed to avoid this potential plugging problem. Even in some of the older systems, the screens had been taken out.
6. Leaks – It is important that irrigation workers are aware of leaks due to damaged hoses, missing emitters, broken valves, leaky risers, etc. Even a small leak can reduce the pressure in a line and cause a non-uniform application of water. On several occasions, leaks were a contributing factor in the overall non-uniformity of the system. If the leaks are big enough, they can cause severe water loss.
7. Different Emitter Types – Mixing emitters can adversely affect the distribution uniformity by applying different amounts of water to those plants with different

emitter sizes. Emitters are often mixed accidentally by irrigation workers when they come across a broken or plugged emitter in the field. When repairing these emitters, they may sometimes substitute a different emitter type because it is the only one available at the time. It is essential in this situation to match the replacement emitter with the existing ones in the field to maintain the proper flow and uniformity of the irrigation system. Most of the time, there may be one additional type of emitter due to the above-mentioned situation. On various occasions however, there were several different emitter types in the field, lending to severe non-uniformity.

Center Pivot System:

Two tests were conducted in the same system to compare spinner sprinklers with rotator sprinklers and the results were negligible.

Preparing for the 2022 irrigation season

As growers are getting ready for the upcoming season, the Mobile Lab will be available to assist them with their irrigation needs. Being an efficient irrigation water manager is essential in today's water environment, as we are faced with many water related challenges that will impact the way we do business in the future.

Valley Ag Water Coalition 2021-22 Regular Session, Second Year

AB 1001 (**Garcia, Cristina D**) **Environment: mitigation measures for air and water quality impacts: environmental justice.**

Current Text: Amended: 1/24/2022 [html](#) [pdf](#)

Last Amend: 1/24/2022

Status: 1/31/2022-Read third time. Passed. Ordered to the Senate.

Is Urgency: N

Is Fiscal: Y

Location: 1/31/2022-S. DESK

Summary: The California Environmental Quality Act (CEQA) requires a lead agency, as defined, to prepare, or cause to be prepared, and certify the completion of an environmental impact report on a project that it proposes to carry out or approve that may have a significant effect on the environment or to adopt a negative declaration if it finds that the project will not have that effect. CEQA also requires a lead agency to prepare a mitigated negative declaration for a project that may have a significant effect on the environment if revisions in the project would avoid or mitigate that effect and there is no substantial evidence that the project, as revised, would have a significant effect on the environment. This bill would authorize mitigation measures, identified in an environmental impact report or mitigated negative declaration to mitigate the adverse effects of a project on air or water quality of a disadvantaged community, to include measures for avoiding, minimizing, or compensating for the adverse effects on that community.

Laws: An act to add Sections 21081.8 and 21098.5 to the Public Resources Code, relating to the environment.

Notes: Existing law generally requires a project proponent to avoid or mitigate a potential significant effect on the environment.

This bill would require mitigation measures identified in an environmental impact report or mitigated negative declaration to mitigate the air or water quality adverse impacts on a disadvantaged community. Mitigation may include measures for avoiding, minimizing, or compensating for the adverse effects on that community. The California Environmental Protection Agency identifies disadvantaged communities based on geographic, socioeconomic, public health, and environmental hazard criteria, and may include, but are not limited to, either of the following: (1) Areas disproportionately affected by environmental pollution and other hazards that can lead to negative public health effects, exposure, or environmental degradation, and (2) Areas with concentrations of people that are of low income, high unemployment, low levels of homeownership, high rent burden, sensitive populations, or low levels of educational attainment. If the mitigation measures include compensating for adverse effects on the air or water quality of a disadvantaged community, the compensating measures shall mitigate those effects directly in the affected disadvantaged communities.

Existing law defines "environmental justice" to mean the fair treatment and meaningful involvement of people of all races, cultures, incomes, and national origins, with respect to the development, adoption, implementation, and enforcement of environmental laws, regulations, and policies. "Environmental justice" includes, but is not limited to, all of the following: (1) The availability of a healthy environment for all people, (2) The deterrence, reduction, and elimination of pollution burdens for populations and communities experiencing the adverse effects of that pollution, so that the effects of the pollution are not disproportionately borne by those populations and communities, (3) Governmental entities engaging and providing technical assistance to populations and communities most impacted by pollution to promote their meaningful participation in all phases of the environmental and land use decisionmaking process, and (4) At a minimum, the meaningful consideration of recommendations from populations and communities most impacted by pollution into environmental and land use decisions.

This bill would require all public agencies, in implementing CEQA, to give consideration to the principles of environmental justice by ensuring the fair treatment and meaningful involvement of people of all races, cultures, incomes, and national origins.

This bill would add the option of "compensation" to the provisions of existing CEQA law that require the avoidance or mitigation of potential significant effects on the environment. The method and manner of calculating compensation are not set forth in the legislation. Would determination of the amount be subject to negotiation? Who represents the disadvantaged community? Would payments be directed to other governmental agencies or to individual households or residents? Could a project proponent agree to compensation in return for a commitment by recipients to forgo legal challenge to the project?

This bill would require a project proponent to ensure the "fair treatment and meaningful involvement" of people, as specified, but provides little or no direction regarding either assurance. Would this bill

require a project proponent to undertake greater outreach to the public whenever a disadvantaged community or population subset might be affected by the air or water quality impacts of a proposed project?

A recent article by CalMatters describes frustration among environmental justice advocates regarding the pace of air quality improvements achieved under legislation by Assembly Member Garcia that was signed into law four years ago. AB 617 "is supposed to clear the air for low-income communities of color that bear the brunt of California's air pollution. The law established the Community Air Protection Program, which tasks residents and local officials with shaping regulations and steering state money to a handful of hotspots."

According to the California Chamber of Commerce and a coalition of other opponents, the bill expands CEQA to further exacerbate known problems with the statute by limiting local land use discretion and imposing burdensome and unworkable new legal obligations on lead agencies. Opponents argue: "Environmental justice is an important issue but seeking to further address it by expanding CEQA is unnecessary and brings with it a host of unintended consequences. In attempting to address environmental justice concerns through CEQA as the bill proposes, AB 1001 winds up substantially aggravating one of the state's most intractable problems: California's housing crisis inextricably linked to its inability to produce housing quickly and cost effectively. The historical environmental injustices that have transpired in California should continue to be remedied in more suitable areas of California law – but CEQA is not one of those areas."

It is unlikely that a project undertaken by an agricultural water supplier would pose potential significant environmental impacts on air or water quality, let alone impacts to a disadvantaged community. That said, the unanswered questions raised by this legislation would increase the time and cost of conducting environmental review and worse, increase litigation risk.

Current Position: Not Yet Considered

Recommended Position: Not Favor

SB 463

(Dahle R) Water: landowner or water right holder right to modify, repair, or replace jointly used conduits.

Current Text: Amended: 1/10/2022 [html](#) [pdf](#)

Last Amend: 1/10/2022

Status: 1/10/2022-From committee with author's amendments. Read second time and amended. Re-referred to Com. on W.,P., & W.

Is Urgency: N

Is Fiscal: N

Location: 1/10/2022-A. W.,P. & W.

Summary: Current law declares that the general welfare requires that the water resources of the state be put to beneficial use to the fullest extent of which they are capable, that the waste or unreasonable use or unreasonable method of use of water be prevented, and that the conservation of water is to be exercised with a view to the reasonable and beneficial use of water in the interest of the people and for the public welfare. This bill would authorize a landowner, where a conduit is constructed across or buried beneath the lands of 2 or more landowners, and the conduit is not under the control or management of any public agency or authority, to modify, repair, or replace, as defined, the conduit on or beneath their land if the modification, repair, or replacement is made in a manner that does not impede the flow of the water to any other water right holder receiving a benefit of the conduit.

Laws: An act to amend and renumber the headings of Article 2 (commencing with Section 7001) and Article 3 (commencing with Section 7005) of Chapter 1 of Division 4 of, and to add Article 2 (commencing with Section 7000.5) to Chapter 1 of Division 4 of, the Water Code, relating to water.

Notes: This bill is intended to address a concern that has arisen in the author's district, relating to the availability of water from a constructed conveyance to persons who believe they hold a right to water from the conveyance. The relative simplicity of the legislative language has generated questions and concerns and looming potential opposition from CalFire and the California Public Utilities Commission, among others, according to KRWA lobbyist Jack Gualco. The bill is being sponsored by a group of landowners in Siskiyou County. The legislation could interfere with complex regulatory, statutory, and case law regarding water rights, water conveyance, and property rights.

This bill is a 2-year bill and has been referred to the Assembly Water, Parks & Wildlife Committee. It does not have a pending deadline for consideration and the author has indicated that he and his staff are considering whether to pursue the legislation in its present form.

Current Position: Not Yet Considered

Recommended Position: Watch

SB 832

(Dodd D) Water rights: measurement of diversion.

Current Text: Introduced: 1/3/2022 [html](#) [pdf](#)

Status: 1/19/2022-Referred to Com. on N.R. & W.

Is Urgency: N

Is Fiscal: Y

Location: 1/19/2022-S. N.R. & W.

Summary: Current law requires a person who diverts 10 acre-feet or more of water per year under a permit or license to install and maintain a device or employ a method capable of measuring the rate of direct diversion, rate of collection to storage, and rate of withdrawal or release from storage. Current law requires the measurements to be made using the best available technologies and best professional practices using a device or methods satisfactory to the State Water Resources Control Board, as specified in regulations adopted by the state board. Current law requires a permittee or licensee to maintain a record of all diversion monitoring, as provided, and to include those records with annual reports required to be submitted to the state board. Current law authorizes the state board to modify these requirements if the state board finds that strict compliance with these requirements is infeasible, is unreasonably expensive, would unreasonably affect public trust uses, or would result in the waste or unreasonable use of water, or that the need for monitoring and reporting is adequately addressed by other conditions of the permit or license. This bill would clarify existing law that a person diverting 10 acre-feet or more of water per year under a registration is subject to these water diversion measurement, recording, and reporting requirements.

Laws: Relating to water.

Notes: Existing law requires a permittee or licensee to maintain a record of all diversion monitoring that includes the date, time, and diversion rate at time intervals of one hour or less, and the total amount of water diverted. The information is to be provided to the State Water Board. The board may modify the measurement requirements upon finding either of the following:

- (1) That strict compliance with the requirements is infeasible, is unreasonably expensive, would unreasonably affect public trust uses, or would result in the waste or unreasonable use of water, or
- (2) That the need for monitoring and reporting is adequately addressed by other conditions of the permit or license.

SB 832 would allow the board to modify the measurement requirements if all the following apply:

- (i) The beneficial use of the water right is for irrigation.
- (ii) The water right is for direct diversion only, and not for diversion to or release from operable storage.
- (iii) Runoff and tailwater from application of the diverted water returns to the same surface water source from which the water was diverted, without reservation of dominion and control.
- (iv) Unmeasured conveyance losses are negligible or can be estimated.
- (v) Crop evapotranspiration within the water right's georeferenced place of use is measured and reported by means of a remote sensing methodology found by the board to be scientifically sound, transparent, and publicly available.

The concern expressed by MWD of Southern California and other State Water Contractors is the reliance of crop evapotranspiration data as a replacement of measurement of diversions is inappropriate. The open evapotranspiration methodology was created as a means to produce a water budget (and targeted more to SGMA compliance). There does not appear to be any scientific evidence to support the use of crop evapotranspiration as an alternative to traditional and time-tested measurement devices.

State Water Contractor representatives recently met with Senator Dodd's staff to express concern about the legislation and report that the Senator is open to amending the legislation in a manner that will advance understanding about the relationship between crop evapotranspiration and water diversion measurement. I recommend taking a "watch" position on the legislation at this time and receive direction to oppose the legislation as introduced if it is set for policy committee hearing absent amendments.

Current Position: Not Yet Considered

Recommended Position: Watch

SB 880

(Laird D) Water diversion: monitoring and reporting: University of California Cooperative Extension.

Current Text: Introduced: 1/26/2022 [html](#) [pdf](#)

Status: 1/27/2022-From printer. May be acted upon on or after February 26.

Is Urgency: N

Is Fiscal: Y

Location: 1/26/2022-S. RLS.

Summary: Current law, until January 1, 2023, requires any diverter, who has completed an instructional course regarding the devices or measurement method administered by the University of California Cooperative Extension, including passage of a proficiency test before the completion of the course, to be considered a qualified individual when installing and maintaining devices or implementing methods of measurement that were taught in the course for the diverter's diversion. Current law also requires the University of California Cooperative Extension and the board to develop the curriculum of the course and the proficiency test. This bill would indefinitely extend the above-described provisions.

Laws: An act to amend Section 1841.5 of the Water Code, relating to water rights.

Notes: Existing law, until January 1, 2023, requires any diverter, who has completed an instructional course regarding the devices or measurement method administered by the University of California Cooperative Extension, including passage of a proficiency test before the completion of the course, to be considered a qualified individual when installing and maintaining devices or implementing methods of measurement that were taught in the course for the diverter's diversion.

This bill would repeal the sunset date and make the requirement permanent.

Current Position: Not Yet Considered

Recommended Position: Watch

Total Measures: 4

Total Tracking Forms: 4



To: Kern Delta Water District Board of Directors

From: Steven Teglia – General Manager

Date: February 15, 2022

Re: Agenda Item VI B. – External Agency Report

RECOMMENDATION:

Receive report, informational item only.

DISCUSSION:

Staff participates in / monitors multiple external agency meetings monthly. Below is a summary including items of note from the various meetings:

Kern County Water Agency:

- The KCWA Board met January 27, 2022.
- Next meeting will be February 24, 2022.
- Authorization to use teleconferencing for meetings.
- Current allocation for SWP – 15%.
- Ted Page/Marty Milobar voted President and Vice President of the Board.
- Summary of groundwater and overdraft correction accounts (attached).
- Delta Conveyance project timeline (attached).
- Approval of Kern Delta – ID-4 exchange (attached).

Kern Fan Authority:

- The KFA met January 26, 2022.
- 2022 Water Supply Review.
- Review of KCWA Board agenda.
- Local SGMA activities.
- Other activities (IRWMP/CVSALTS).

Kern River Groundwater Sustainability Agency (KRGSA):

- The KRGSA met February 3, 2022 (agenda attached)
- DWR GSP Determination Letter.
- Basin SGMA Implementation Grant Update (Basin Study/Land IQ/Subsidence Monitoring/Monitoring Network Improvements).
- Adoption of Resolution Supporting Basin SGMA Implementation Grant Application.

- DMS Update.
- 3rd Subbasin Annual Report – April 2022.

Kern Groundwater Authority (KGA):

- The KGA met January 26, 2022 (agenda attached).
- Authorization to use teleconferencing for meetings.
- DWR preliminary GSP review letter.
- 3rd Subbasin Annual Report – April 2022.
- GEI task order for DWR GSP review response.
- Bains Study/SGMA Implementation Grant update.
- Adoption of Resolution Supporting Basin SGMA Implementation Grant Application.
- Data Management System update.

Kern River Watershed Coalition Authority (KRWCA)(ILRP):

- The KRWCA meeting of February 3, 2022 was canceled.
- 2022 Membership update (712 members 519,000 acres).
- Nitrate Control Program – Management Zone(s) development.
- On Farm Drinking Water Well reports due Dec. 31, 2021 (BC Labs removed / BSK Labs added).
- CV-SALTS discussion.

South Valley Water Resources Authority:

- The SVWRA met January 27, 2022.
- Pilot project continued discussion (potential grant funding/environmental review/potential addition of new partners).
- Fish Friendly Diversion Project (Presentation to Kern Delta Board April 5, 2022).

Integrated Regional Water Management Plan:

- Meeting held January 31, 2022.
- Organization of Executive Committee Members.
- Extension of agreement for Kern IRWM group.
- Upcoming grant programs discussed.

Water Association of Kern County (WAKC):

- The WAKC met January 25, 2022.
- Continued Water Education Campaign.
- Water Summit – postponed from March 2022 to May 19, 2022.
- Membership review.
- February 23, 2022 lunch featuring Miles Muzio (see attached flyer).

**Kern County Water Agency
Estimated Summary of Overdraft Correction Accounts
As of November 30, 2021**

Preliminary - Subject to Revision

Quantities in acre-feet

District	Estimated Balance as of December 31, 2020	Estimated Balance as of November 30, 2021				
		Pioneer Property	2800 Acres	Pioneer Project Subtotal	Berrenda Mesa	Kern Water Bank ^[1] Total
Buena Vista WSD	46,115	39,246	0	39,246	0	46,115
Henry Miller WD	65,077	42,526	375	42,901	2,584	65,077
Kern County Water Agency	55,030	35,356	7,121	42,477	0	55,030
Kern Delta WD	79,947	57,032	409	57,441	1,508	79,947
Rosedale-Rio Bravo WSD	214,697	158,627	4,190	162,817	2,725	214,697
Total	460,866	332,787	12,095	344,882	6,817	460,866

^[1] Does not include purchase of 2011 4% reserve water.

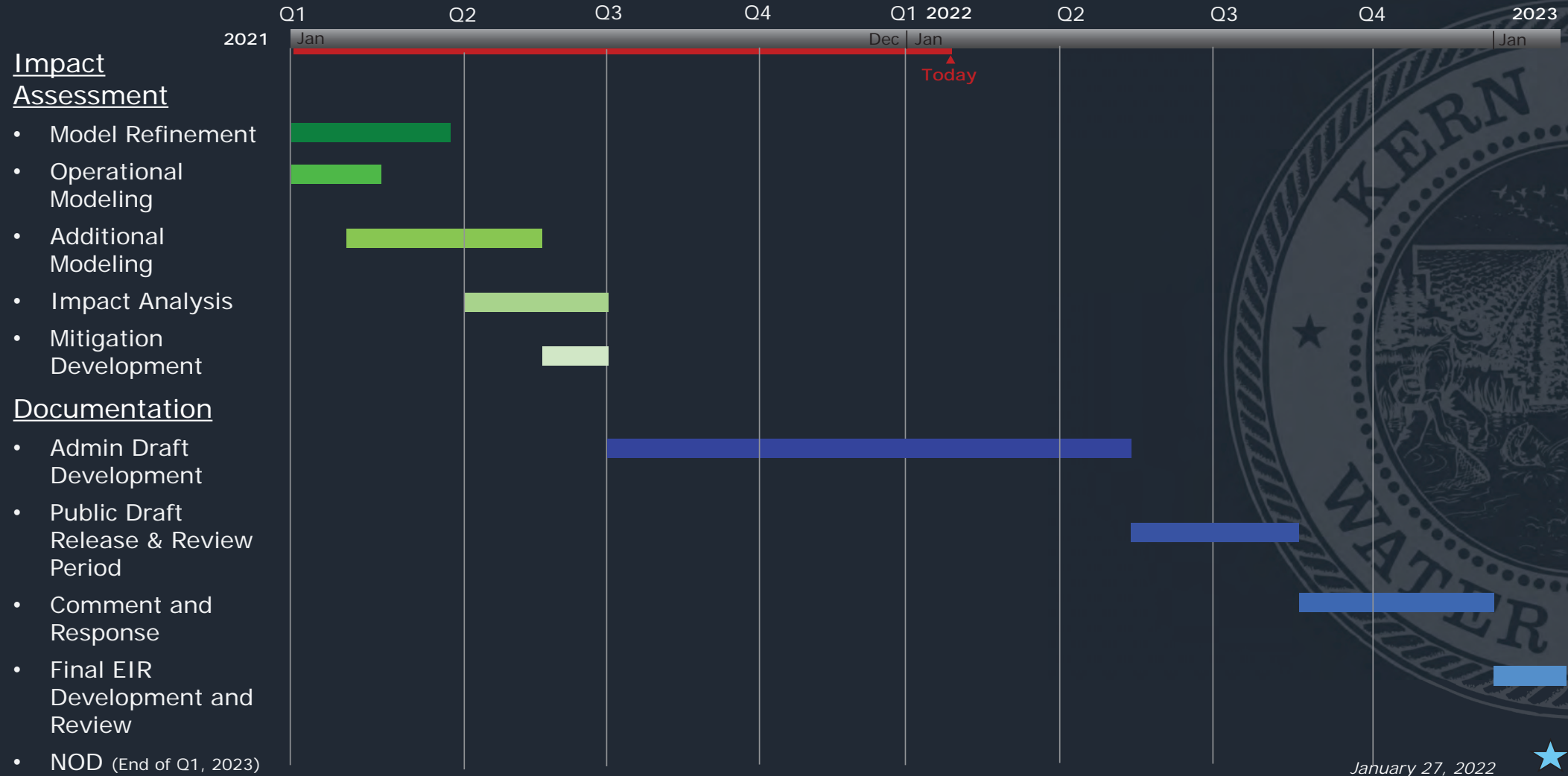
**Kern County Water Agency
Estimated Summary of Groundwater Bank Accounts
As of November 30, 2021**

Preliminary - Subject to Revision

Quantities in acre-feet

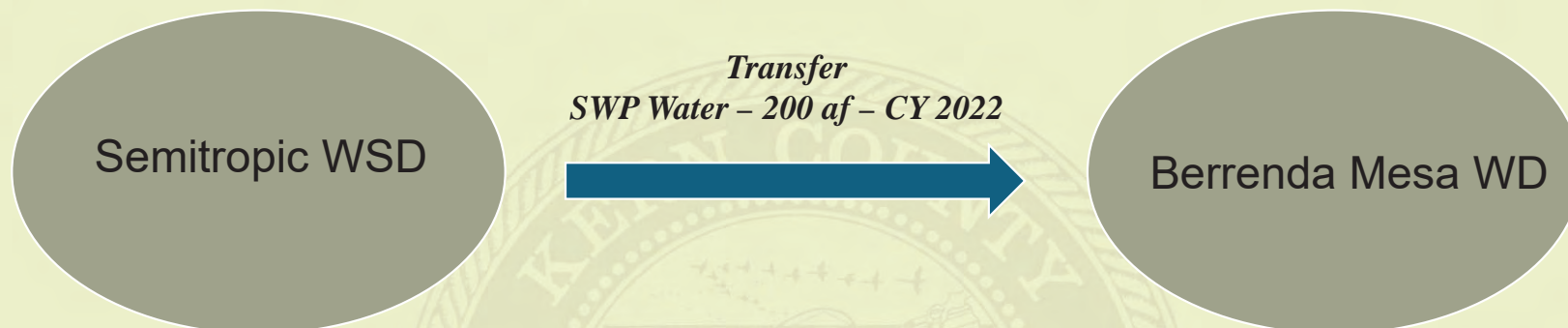
District	Estimated Balance as of December 31, 2020	Estimated Balance as of November 30, 2021					
		Pioneer Property	2800 Acres	Pioneer Project Subtotal	Berrenda Mesa	Kern Water Bank	Total
Belridge WSD	94,409	64,999	7,673	72,672	6,222	0	78,894
Berrenda Mesa WD	113,460	61,257	4,889	66,146	17,652	0	83,798
Buena Vista WSD	37,934	31,064	1,939	33,003	0	4,700	37,703
Cawelo WD	0	0	0	0	0	0	0
Dudley Ridge WD	58,097	0	0	0	0	40,115	40,115
Henry Miller WD	5,365	5,365	0	5,365	0	0	5,365
Improvement District No. 4	243,810	40,659	12,974	53,633	0	157,063	210,696
Kern County Water Agency	196,607	107,888	61,572	169,460	3,499	17,958	190,917
Kern Delta WD	23,285	23,285	0	23,285	0	0	23,285
Lost Hills WD	100,054	50,521	24,245	74,766	6,676	0	81,442
Rosedale-Rio Bravo WSD	41,232	37,391	0	37,391	0	0	37,391
Semitropic WSD	249,001	28,281	42	28,323	0	200,756	229,079
Tehachapi-Cummings CWD	5,820	0	0	0	0	5,820	5,820
Tejon-Castac WD	61,108	2,193	1,247	3,440	0	52,556	55,996
Westside Mutual Water Co.	427,288	0	0	0	0	331,607	331,607
Wheeler Ridge-Maricopa WSD	215,675	7,571	14,255	21,826	8,661	120,259	150,746
Total	1,873,145	460,474	128,836	589,310	42,710	930,834	1,562,854

Delta Conveyance Planning and Permitting Timeline

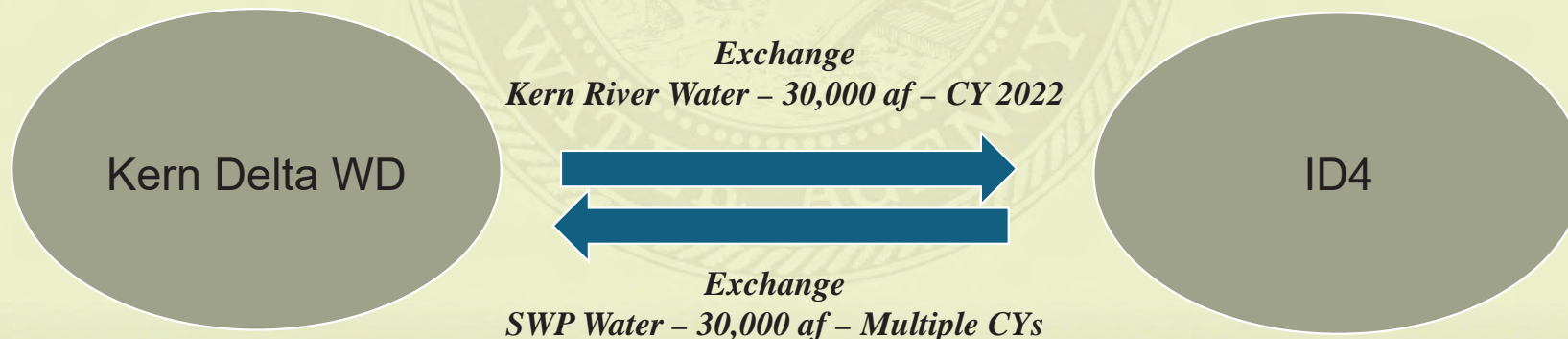


Update on Water Transfers, Exchanges and Purchases

Semitropic WSD/Berrenda Mesa WD – Transfer (200 af)



Kern Delta WD/ID4 – Exchange (30,000 af)





Board Members:
Rodney Palla, Chair
Gene Lundquist
Bruce Freeman

KERN RIVER GSA REGULAR MEETING

Thursday, February 3, 2022
10:00 a.m.

City of Bakersfield Water Resources Department
1000 Buena Vista Drive, Bakersfield CA 93311
Large Conference Room

AGENDA

1. **CALL TO ORDER**
2. **ROLL CALL**
3. **PUBLIC STATEMENTS**
4. **APPROVAL OF MINUTES** of the November 4, 2021, Special Meeting
5. **NEW BUSINESS**
 - A. Correspondence Received (City Clerk, Chianello)
 - B. Finance Updates (McKeegan)
 - i. Receive and File Financial Report
 - C. Management Group Updates (Beard, Chianello, Teglia)
 - i. DWR GSP Review – Determination Letter
 - a. Ratification of GEI Task Order for DWR GSP Assessment.
 - ii. Basin Coordination Committee Updates
 - a. SGMA Implementation Grant Round 1 – Update and Adoption of Resolution Authorizing KGA to submit application for SGM Grant Program
 - b. 3rd GSP Annual Report – April 2022
 1. Update and Ratification of Basin Cost Share.
 2. DMS Grant Support.
 - iii. Ratification of Support Letter for Improvement District No. 4's Urban and Multibenefit Drought Relief Grant Program Application.
6. **COMMITTEE COMMENTS**
7. **ADJOURNMENT**

KERN GROUNDWATER AUTHORITY

Regular Meeting of Board of Directors

January 26, 2022 8:00 a.m.

NOTICE: Pursuant to the Governor's Executive Order N-29-20 this meeting will be conducted by teleconference. All parties/public may attend the meeting via teleconferencing and offer public comments by phone, using the call-in information below:

Zoom: <https://zoom.us/j/99035163627?pwd=SlBrWDc4NXl0YisvWlVubjN4MlBSQT09>

Meeting ID: 990-3516-3627

Passcode: 303193

Telephone Dial-in: (669)900-6833

Kern Groundwater Authority Board of Directors Agenda

This meeting is held in accordance with the Governor's Executive Order N-29-20 and portions of the Brown Act pursuant to Section 54956 of the California Government Code and the Kern Groundwater Authority Joint Powers Agreement.

1. Roll Call - Quorum Determination

In the absence of a quorum of the Board the meeting will be adjourned.

2. Consider adoption of Resolution No. 2022-002 – Authorizing AB 361 Teleconference Meeting

3. Flag Salute

4. Public Input

This portion of the meeting is set aside to provide the public an opportunity to bring to the attention of the Board matters of which the Board may not be aware and which are not on the current agenda. No action can be taken on any matter raised during this portion of the meeting; however, a Board member may request that the matter be placed on any future agenda for further review and possible action. Members of the public may directly address the Board of Directors on any item of interest within the Board's subject matter jurisdiction, before or during the Board's consideration of the item. The President may limit the time allowed for comment.

5. Approval of Minutes

a. December Regular Board Meeting Minutes*

6. Treasurer's Report

a. Financial Report & Accounts Payable (Approve) – December*

7. Attorneys Report

a. DWR Review Comment Letter

b. CA Water Commission – White Paper on Groundwater Trading

8. Executive Director Report

- a. Discussion & Approval of Provost & Pritchard 2022 Management Services Agreement*
- b. Discussion & Approval of TODD GW & ITRC annual report proposals*
- c. Discussion & Approval on the Data Management System to assist in the annual report*
- d. Discussion, Approval & Adoption of Grant Resolution*
- e. Discussion & Approval of the Grant Application submittal projects*
- f. Discussion & Approval of cost share on the GEI Task Order #19*
- g. Discussion & selection of the 2022 Chair & Vice-Chair*
- h. Accomplishments
- i. Forward Work Plan

9. New Business

This Portion of the Meeting is set aside to provide each Board member an opportunity to bring to the attention of other Board members and the public matters which have come to their attention and/or which may be appropriate for future consideration. No action can be taken on any matter raised during this portion of the meeting; however, a Board member may request that the matter be placed on any future agenda for further review and possible action.

10. Correspondence

- a.

11. Closed Session

- a. Conference with Legal Counsel – Potential Litigation: Closed Session pursuant to Government Code Section 54956.9(d)(2), (e)(1)(one matter)

12. Adjournment

A person with a qualifying disability under the Americans with Disabilities Act of 1990 may request the Authority provide disability-related modification or accommodation in order to participate in any public meeting of the Authority. Such assistance includes appropriate alternative formats for the agendas and agenda packets. Requests should be made in person, by telephone, facsimile and/or written correspondence to the Authority office, at least 48 hours before a public Authority meeting. Written materials related to an item on this agenda to be considered in open session that are public documents and that are distributed to board members after the posting of the agenda, will be made available for public inspection when they are so distributed at the office of the Authority located at 1800 30th Street, Ste #280, Bakersfield, California during normal business hours. Documents that are public documents provided by others during a meeting will be available at the same location during business hours after the meeting.



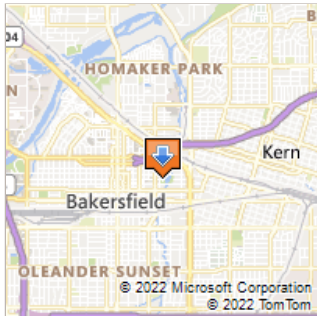
When

Wednesday, February 23, 2022 from 11:30 AM to 12:30 PM PST

[Add to Calendar](#)

Where

Bakersfield Museum of Art
1930 R Street
Bakersfield, CA



[Driving Directions](#)

Contact

Jenny Holtermann
Water Association of Kern County
661-746-3300
jenny@wakc.com



Miles Muzio

Chief Meteorologist KBAK-TV

What weather can we expect this year?
future forecast & snow pack runoff predictions



Wednesday,
February 23rd
11:30am

Bakersfield Museum of Art
1930 R St, Bakersfield

Members \$25
Non Members \$30

Ticket info
www.wakc.com
or email
info@wakc.com

[Register Now!](#)



To: Kern Delta Water District Board of Directors

From: Steven Teglia – General Manager

Date: February 15, 2022

Re: Agenda Item VI C. – Water Banking Projects Report

RECOMMENDATION:

Receive report, informational item only.

DISCUSSION:

Below is a summary of activities of note related to various water banking projects/activities of interest to the District.

Kern Fan Recovery Activity:

- As of February 8, 2022, Kern Fan groundwater recovery was approximately 615cfs from 166 wells, as reported via KCWA weekly call.
- See attached graphs provided by KCWA for 2022 recovery information through January 13, 2022.

Pioneer Participant Meeting:

- The Pioneer Project Participant Meeting of February 10, 2022 was canceled.

Kern Fan Monitoring Committee:

- The Kern Fan Monitoring Committee met January 19, 2022.
- Chair: Jon Parker; Vice-Chair: Markus Nygren.
- 2022 budget approved (same as 2021).
- Next meeting scheduled for March 16, 2022.

KDWD Water Banking Project:

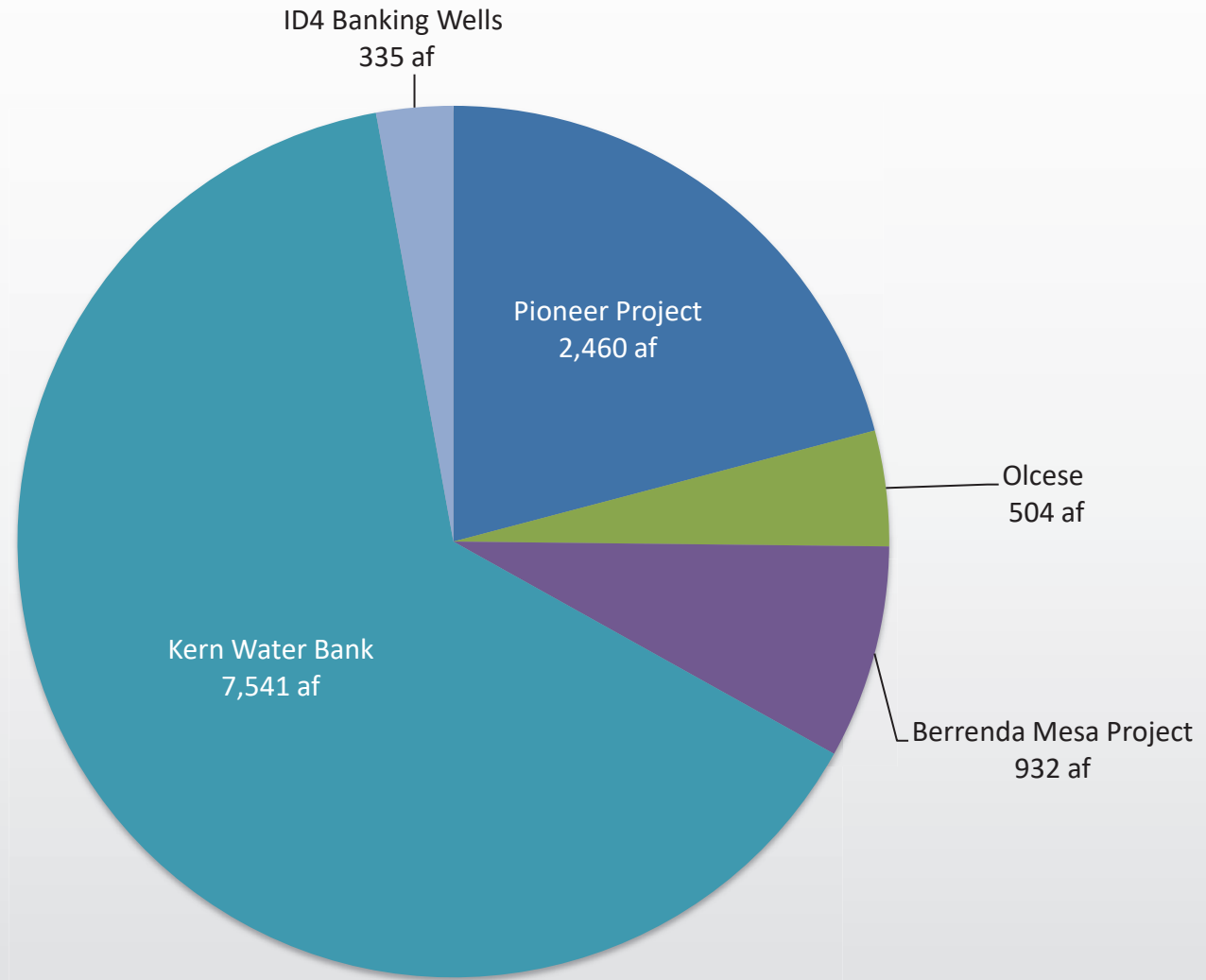
- MET has provided the District with an official request for the return of regulated water for calendar year 2022. The District has initiated the return of regulated water to MET via exchange.
- District wells are currently in use to recover previously banked MET water.

Cross Valley Canal Advisory Committee:

- The CVC Advisory Committee met January 26, 2022.
- Approval of agreement with GEI for professional consulting services.
- See attached graphs provided by KCWA regarding CVC utilization.

**Kern Fan Banking Projects
2022 Estimated Gross Recovery by Project
Through January 13, 2022**

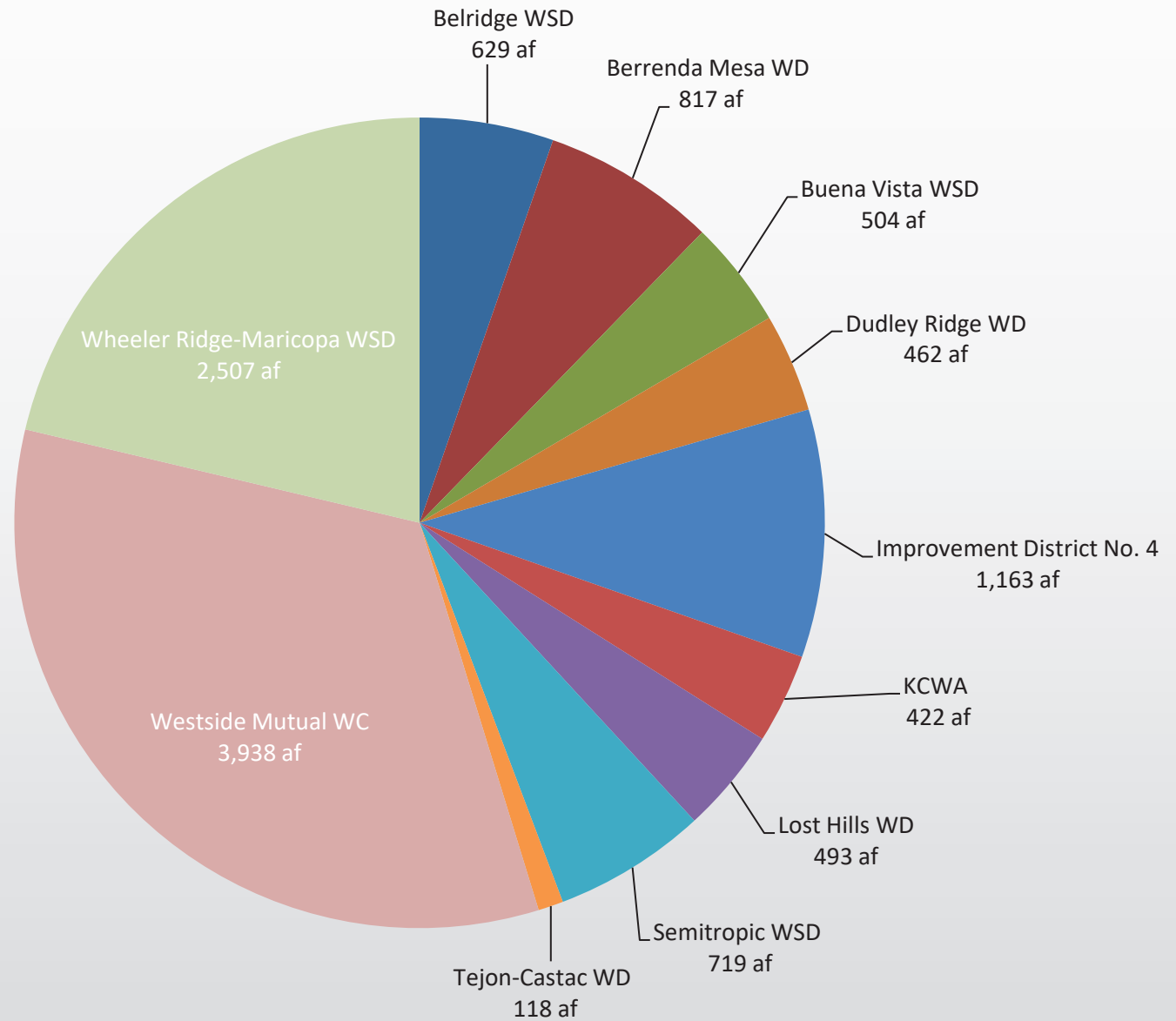
Attachment 1



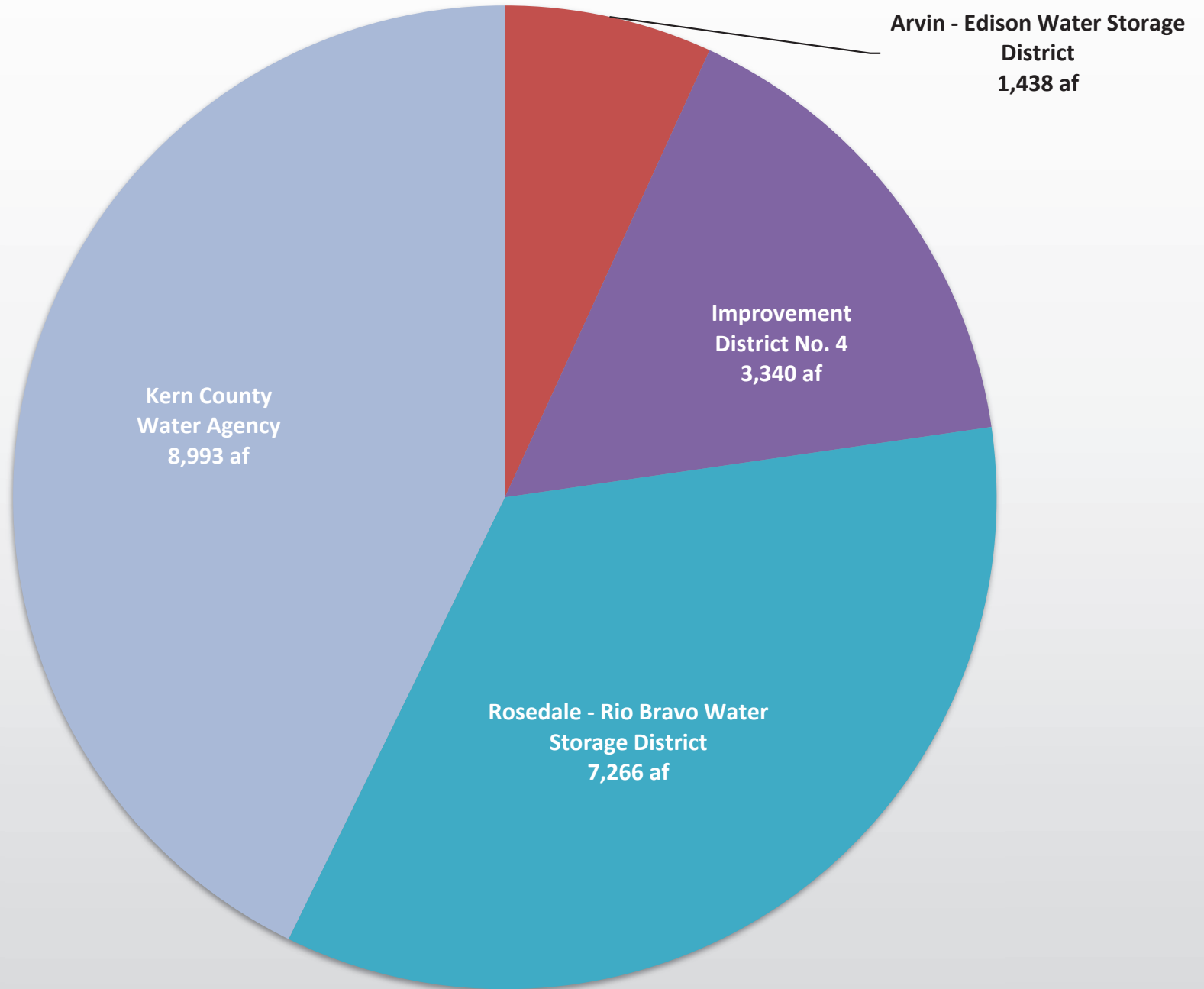
Total Gross Recovery 11,772 af

**Kern Fan Banking Projects
2022 Estimated Recovery by Participant
Through January 13, 2022**

Attachment 2



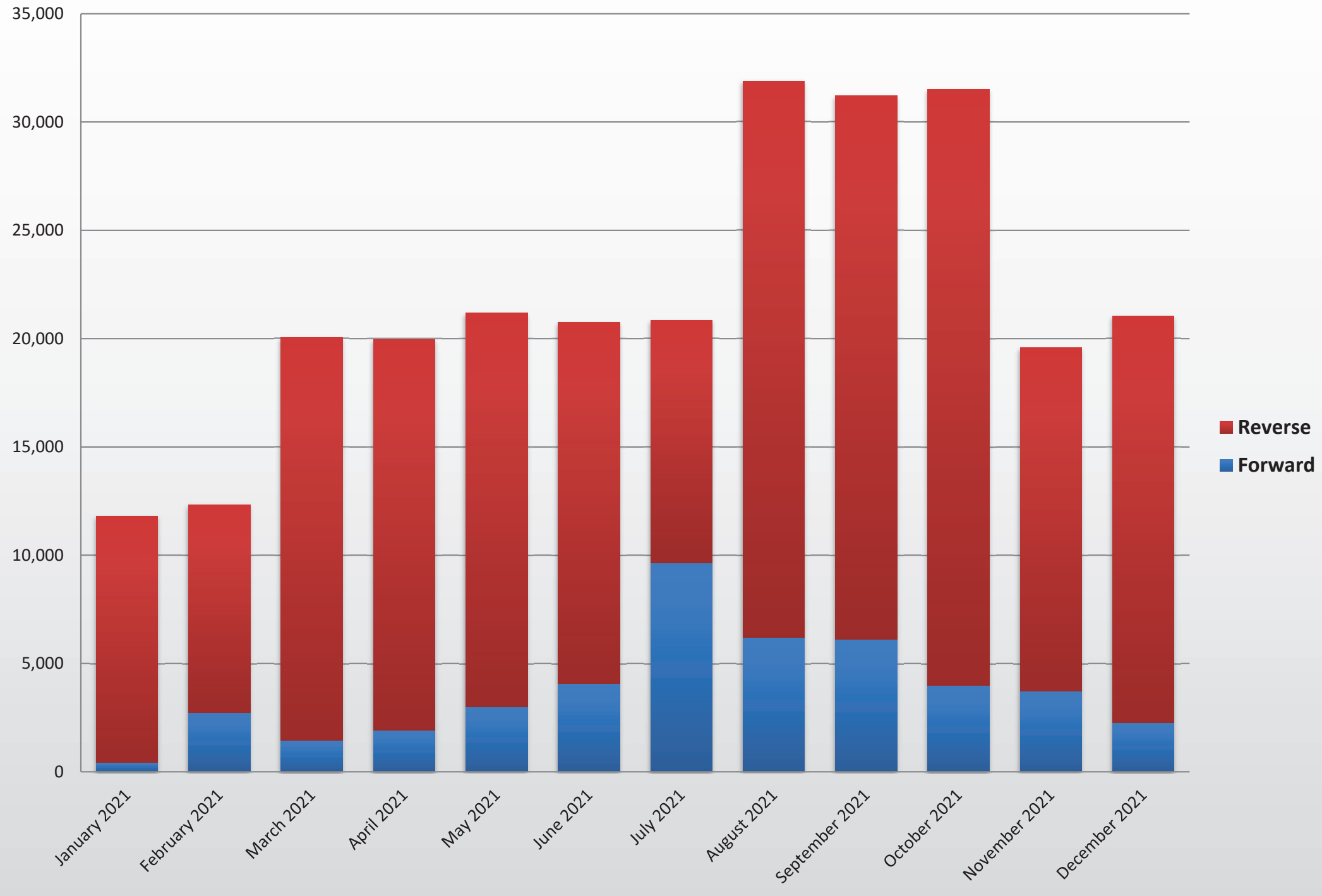
**Cross Valley Canal
December 2021 Deliveries
Total deliveries 21,037 af**



Cross Valley Canal

Twelve Month Delivery by Direction

Attachment 3



Cross Valley Canal
Twelve Month Delivery by Source

