



REGULAR BOARD OF DIRECTORS MEETING

501 Taft Highway
Bakersfield, California

TUESDAY, August 15, 2023

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. (CVC).
 3. Kern Delta Water District et al. v. Rosedale Rio Bravo Water Storage District, et al. (Onyx Ranch CEQA).
 4. Rosedale Rio Bravo Water Storage District v. Buena Vista Water Storage District, et al. (Onyx Ranch Water Rights).
 5. Bring Back the Kern, et al. v. City of Bakersfield, et al.
- B. Conference with Legal Counsel – Potential Litigation – Closed Session Pursuant to Gov. Code § 54956.9(d)(2),(e)(1):
1. One Matter.

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 August 1, 2023.
 - B. Approval of July/August District Construction and Water Banking Project(s) Disbursements.
 - C. Approval of July/August 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 – August 10, 2023.
 - i. Review and Acceptance of FY 2022 Audit Report – Brown Armstrong.
 - ii. Approval of July 2023 Financial Reports.

- 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 – August 1, 2023.
 - i. District Encroachment Permit Report.
 - ii. District Facility and Banking Maintenance Report.
 - iii. Pending Development Projects.
 - iv. Old River & Sunset Groundwater Banking Projects Update.
 - B. Review and Approval of a Task Order with Zeiders Consulting for Professional Engineering Services for the Old River Recharge Ponds Well Drilling & Equipping-Collection Pipeline Project, in an amount not to exceed \$115,400. Approval Recommended by the Operations & Projects Committee (Kern Delta Banking Project).
 - C. Acceptance of Quitclaim Deed for APN: 371-411-09 (Branch 1 Canal).
- V. WATER RESOURCES 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 – 100%.
 - ii. Kern River Runoff Forecast B120 – 382% A-J.
 - iii. 2023 Water Management.
 - 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. SGMA Update.
 - ii. ACWA 2023 Fall Conference – Nov. 28th-30th.
 - B. External Agency Report.
 - 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.)
- B. 2023 District Election Update.
 - C. VAWC Legislative Update.
- 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: August 15, 2023

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 August 1, 2023 (attached).

II B. Approval of July/August District Construction and Water Banking Project(s) Disbursements totaling \$48,906.17* (attached), partially recommended for approval by the Operations and Projects Committee (*see August 1, 2023, Operations and Projects Committee Minutes for additional detail*).

II C. Approval of July/August District Disbursements (attached) recommended for approval by the Business and Finance Committee (*see August 10, 2023, Business and Finance Committee Minutes for additional detail*).

**The total includes disbursements approved by the Operations and Projects Committee (\$14,301.79) and an additional amount (\$34,604.38) for invoices which came in after August 1, 2023, and were subsequently recommended for approval by the Business and Finance Committee on August 10, 2023).*



MINUTES OF THE REGULAR MEETING OF THE BOARD OF DIRECTORS

August 1, 2023

TUESDAY, August 1, 2023, 12:01PM – 1:56PM

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

DIRECTORS ABSENT: Borba.

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

OTHERS PRESENT: Joel Kimmelshue – Land IQ.

CLOSED SESSION DECLARED AT 12:01PM

President Palla called to order the Closed Session of the Kern Delta Board of Directors at 12:01PM 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. (CVC).
3. Kern Delta Water District et al. v. Rosedale Rio Bravo Water Storage District et al. (Onyx Ranch CEQA).
4. Rosedale Rio Bravo Water Storage District v. Buena Vista Water Storage District, et al. (Onyx Ranch Water Rights).
5. Bring Back the Kern, et al. v. City of Bakersfield, et al.

Closed Session concluded at 12:15PM.

REGULAR SESSION DECLARED AT 12:16PM

President Palla called to order the Regular Session of the Kern Delta Board of Directors at 12:16PM.

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

Item A: No reportable action.

INTRODUCTION OF GUESTS AND PUBLIC

Those listed as others present were introduced.

I. PUBLIC COMMENT

None.

II. MANAGER'S REPORT

A. Approve Minutes of the Regular Board Meeting of July 18, 2023:

M/S/C (Spitzer/Garone) (yes-8, no-0): By unanimous vote, with Director Borba absent, the Board approved the minutes from the regular board meeting of July 18, 2023, as presented.

B(i). Update on Kern Delta Land IQ Program – Joel Kimmelshue: Joel Kimmelshue with Land IQ was present to provide an update regarding the Land IQ ET program. Mr. Kimmelshue provided information regarding advancements of the program and answered questions from the Board.

B(ii). SGMA Update: General Manager Teglia and President Palla provided a brief update regarding SGMA coordination activities in the Kern Subbasin.

III. BOARD MEMBER COMMENTS

None.

IV. ADJOURNMENT:

There being no further business, President Palla adjourned the meeting at approximately 1:56PM.

Respectfully Submitted,



Steven Teglia, General Manager

Approved by Board,



Richard Tillema, Board Secretary

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

Tuesday, August 1, 2023

#	PAYEE	AMOUNT	CHECK
1	DANIELS TIRE Flat Repair #408	291.91	3688
2	PGE - FR3 Well Utilities	62.96	3689
3	PGE - AE1 Well Utilities	143.30	3690
4	PGE - FR1 Well Utilities	27.47	3691
5	PGE - KI8 Well Utilities	79.78	3692
6	PGE - KD1 Well Utilities	49.28	3693
7	PGE - KI7 Well Utilities	81.63	3694
8	PGE - AE2 Well Utilities	73.16	3695
9	PGE - AE3 Well Utilities	74.28	3696
10	PGE - KD2 Well Utilities	318.94	3697
11	PGE - AE4 Well Utilities	131.52	3698
12	QUINN Well Utilities	781.85	3699
13	STEPHEN SMITH Weed Control	7,920.00	3700
14	TARGET SPECIALTY Roundup-Custom 100 Gal	4,265.71	3701
TOTAL		14,301.79	

The following were received after the August 1st, 2023 Operations & Projects Committee meeting and will be reviewed at the August 10th, 2023 Business and Finance Committee meeting.

□

#	PAYEE	AMOUNT	CHECK
1	TARGET SPECIALTY Roundup-Custom 100 Gal	752.76	3702
2	FRED C. GILBERT, CO 19-Sight Glass	1,562.71	3703
3	PGE - BV5 Well Utilities	74.16	3704
4	PGE - BV3 Well Utilities	43.06	3705
5	PGE - BV4 Well Utilities	80.02	3706
6	PGE - BV2 Well Utilities	71.09	3707
7	PGE - KB4 Well Utilities	66.11	3708
8	PGE - FR2 Well Utilities	62.56	3709
9	PGE - KB3 Well Utilities	41.57	3710
10	PGE - ST1 Well Utilities	27.47	3711
11	PGE - KB6 Well Utilities	67.00	3712
12	PGE - KB1 Well Utilities	67.15	3713
13	PEDRO J. PEDROZA, PLS Old River Fence Staking	3,857.77	3714
14	SIERRA HYDROGRAPHICS Progress Payment 1	27,830.95	3715
TOTAL		34,604.38	

KERN DELTA WATER DISTRICT
DISBURSEMENTS RECOMMENDED BY THE BUSINESS AND FINANCE COMMITTEE
Thursday, August 10, 2023

JULY 2023 SUB TOTAL \$ 301,917.57

# PAYEE	AMOUNT	CHECK
1 ABATE-A-WEED - July 10-14 Treatments	3,375.00	46690
2 ACWA-JPIA - 2023-2024 Property Program & Cyber Liability	40,880.23	46691
3 CHRISTENSEN, INC. - Fuel	9,437.03	46692
4 VOID	-	46693
5 COX, CASTLE & NICHOLSON LLP - Professional Services	364.00	46694
6 DANIELS TIRE SERVICE - Tires #211, #215, #323	6,310.27	46695
7 HERC RENTALS - Water Truck Rental	4,771.77	46696
8 JIM BURKE FORD - Oil/Air Filters #329, Fuel Pump/Filter #325	950.57	46697
9 KERN COUNTY PUBLIC WORKS - Dump Fees	2,089.74	46698
10 MARCOM GROUP - Website Hosting & Upgrade	170.00	46699
11 MOSSMAN'S - Lunch	466.92	46700
12 MOTOR CITY - Compressor #101	420.01	46701
13 NORTH KERN WATER STORAGE DISTRICT - 2023 2nd Qtr W/M Charges	5,746.50	46702
14 O'REILLY AUTO PARTS - Brake Pads #223	43.41	46703
15 PACIFIC GAS & ELECTRIC - 06/10/23-07/11/23 Office	2,495.28	46704
16 PACIFIC GAS & ELECTRIC - 06/11/23-07/12/23 Shop	45.05	46705
17 PRINCIPAL LIFE INSURANCE - 08/01/23-08/31/23	5,165.76	46706
18 PROGRESSIVE TECHNOLOGY, INC. - Phone Service	449.79	46707
19 SPARKLE TEXTILE RENTAL SERVICE - Uniforms, Towels, Mats	1,517.26	46708
20 SSD ALARM - Guard Response	25.00	46709
21 STEPHEN B. SMITH VEGETATION MANAGEMENT SOLUTIONS - Weed Control	2,420.00	46710
22 SWEEPING CORP OF AMERICA - Parkinglot Maintenance	420.00	46711
23 TARGET SPECIALTY PRODUCTS - Imox 50 gal, Torpedo 30 gal	5,864.98	46712
24 DOWN'S EQUIPMENT, INC. - Long Reach	10,500.00	46713
25 ELLISON, SCHNEIDER & HARRIS L.L.P. - Professional Services	1,290.00	46714
26 JIM BURKE FORD - Truck # 107	60,119.58	46715
27 KERN DELTA WATER BANKING PROJECT - 2023 Spreading	186,541.68	46716
28 PACIFIC GAS & ELECTRIC - 06/27/23-07/26/23 Lights	13.04	46717
29 RELIABLE JANITORIAL - Window Cleaning	460.00	46718
30 SPARKLE TEXTILE RENTAL SERVICE - Uniforms	463.79	46719
31 SPECTRUM - Internet Service	377.69	46720
32 TARGET SPECIALTY PRODUCTS - Imox 14 Jugs	48,363.49	46721
33 VERIZON - Cell Service	667.87	46722
34 VERIZON CONNECT - Gps Service	178.45	46723
35 Payroll #15	79,494.18	Wire
36 EFT-IRS P/R #15	26,003.76	Wire
37 Edd-State P/R #15	4,841.07	Wire
38 CASDU	363.22	Wire
39 Payroll People #15	173.10	Wire
40 Lincoln Life - Retirement Program	13,039.43	Wire
41 Lincoln Life - Deferred Comp.	2,979.45	Wire

42 Empower - Deferred Comp.	1,715.00	Wire
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JULY 2023 TOTAL	832,930.94	
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# PAYEE	AMOUNT	CHECK
1 A-1 ANSWERING SERVICE - Answering Service	880.10	46724
2 AMERICAN HYDROTECH - Lawn Maintenance	325.00	46725
3 BUDGET BOLT, INC. - Bolts #T11	85.47	46726
4 CHRISTENSEN, INC. - Fuel	11,513.72	46727
5 EMPLOYMENT DEVELOPMENT DEPT. - Account: 925-0165-9 Emp. Tax	5,515.00	46728
6 GREENFIELD COUNTY WATER DIST. - Office Utilities	292.60	46729
7 INDUSTRIAL MEDICAL GROUP - Employee Physicals	123.00	46730
8 JIM BURKE FORD - Sensors #323, Oil Filters	1,766.17	46731
9 LOWE'S BUSINESS ACCOUNT - Canal Supplies	217.91	46732
10 McMURTREY, HARTSOCK, WORTH & ST. LAWRENCE - Professional Services	12,551.00	46733
11 O'REILLY AUTO PARTS - Fuses	23.79	46734
12 PRICE DISPOSAL - Waste Removal	17.84	46735
13 SCHWEBEL PETROLEUM - Def	207.63	46736
14 SIERRA HYDROGRAPHICS - Progress Payment 1	64,938.90	46737
15 SOUTH VALLEY WATER RESOURCES AUTHORITY - Cash Call #7	7,650.00	46738
16 STERICYCLE, INC. - Shred Service	119.74	46739
17 SWEEPING CORP OF AMERICA - Parkinglot Maintenance	420.00	46740
18 THE BAKERSFIELD CALIFORNIAN - Election Ad	340.00	46741
19 UPL NA INC - Teton 5 Totes	129,059.22	46742
20 WESTAIR GASES & EQUIPMENT, INC. - Gases	41.68	46743
21 ZENITH INSURANCE COMPANY - Installment 4	7,246.00	46744
31 Payroll #16	77,372.49	Wire
32 EFT-IRS P/R #16	25,309.48	Wire
33 Edd-State P/R #16	4,663.00	Wire
34 CASDU	363.22	Wire
35 Payroll People #16	173.10	Wire
36 Lincoln Life - Retirement Program	12,922.02	Wire
37 Lincoln Life - Deferred Comp.	2,979.45	Wire
38 Empower - Deferred Comp.	1,715.00	Wire
39 Centralize Hr - Admin Fee	1,895.00	Wire
AUGUST 2023 SUBTOTAL	370,727.53	

KERN DELTA WATER DISTRICT

Payee	Reason	August 2023 Estimated
ABATE-A-WEED	contract weed control	3,375.00
ADVANCED DIST.	truck maintenance/repair	150.00
B & B SURPLUS	canal maintenance materials	350.00
BATTERY SYSTEMS	vehicle maintenance	200.00
BLUE PRINT SERVICE CO.	blue prints	50.00
BROWN ARMSTRONG	professional services	2,000.00
CARQUEST	brake fluid, lube	60.00
CHRISTENSEN/(Amerifuel)	gas/diesel fuel	11,500.00
CITIZENS CARDMEMBER SERV	misc expenses	6,500.00
COX, CASTLE & NICHOLSON LLP	professional services	500.00
DANIELS TIRE SERVICE	vehicle tires/repair	3,500.00
DOWN'S EQUIPMENT RENTAL	equipment rental	10,500.00
ELLISON, SCHNEIDER & HARRIS	professional services	5,000.00
EMPOWER	deferred comp contributions	3,430.00
HERC RENTALS	equipment rental	4,500.00
JIM BURKE	truck maintenance/repair	1,200.00
K.C. WASTE (PUBLIC WORKS)	dumping	2,090.00
KERN COUNTY RECORDER	lien redemption	300.00
LINCOLN FINANCIAL	pension/deferred comp contributions	31,826.00
MARCOM GROUP	district web site support	95.00
MOSSMAN'S	catering	470.00
MOTOR CITY	vehicle repair parts	420.00
O'REILLY AUTO PARTS	vehicle repair parts	175.00
P.G.&E.	district office utilities	2,553.00
PITNEY BOWES	postage	262.00
PRINCIPAL LIFE INS.	dental/vision/life insurance premium	5,200.00
PROGRESSIVE TECH.	phones	450.00
QUINN	heavy equipment parts/repair	3,500.00
RELIABLE JANITORIAL	janitor service	1,185.00
SCHWEBEL PETROLEUM	oil/lubricants	300.00
SPARKLE	uniform/laundry service	2,000.00
SPECTRUM	internet access	378.00
SSD SYSTEMS	office alarm monitoring	25.00
STEPHEN SMITH WEED CONTROL	weed control spraying service	2,500.00
STINSON'S	office supplies	350.00
SWEEPING CORP OF AMERICA	office maintenance	420.00
TARGET	weed control chemicals	55,000.00
VERIZON	cell phones and service	845.00
WHITE CAP	maintenance peripherals	200.00
		<u>163,359.00</u>

Tab III





BUSINESS & FINANCE COMMITTEE MEETING

**501 Taft Highway
Bakersfield, CA**

**THURSDAY August 10, 2023
10:00AM**

A G E N D A

- 1. Call to order**
- 2. Public Comment Period**
- 3. Approve Minutes of July 13, 2023, Business & Finance Committee Meeting**
- 4. Financial Reports and Disbursements:**
 - a. Approve July and August District and Banking Project(s) Disbursements
 - b. Approve July 2023 Financial Reports
- 5. District Controller's Report:**
 - a. Review of 2022 Audited Financials – Brown Armstrong
 - b. Review of Draft 2024 Budget
 - c. Review Current Investment Portfolio
- 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, August 7, 2023
Bakersfield, California**

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MINUTES OF THE BUSINESS & FINANCE COMMITTEE
Thursday, August 10, 2023

DIRECTORS PRESENT: Antongiovanni, Tillema, Garone, and Kaiser.

OTHERS PRESENT: From KDWD: General Manager Teglia, Assistant General Manager Bellue, Controller Duncan, General Counsel Iger, and Water Resources Manager Mulkay. From Brown Armstrong: Lindsey Zimmerman.

1. CALL TO ORDER

Director Antongiovanni called the meeting to order at 10:02 A.M.

2. PUBLIC COMMENTS

None.

3. APPROVAL OF PREVIOUS COMMITTEE MEETING MINUTES

- a. **M/S/C (Tillema/Garone) (yes – 4, no – 0):** The Business & Finance Committee approved the minutes of the Business & Finance Committee meeting held on July 13, 2023, as presented.

4. FINANCIAL REPORTS AND DISBURSEMENTS

- a.-b. Approval of July 2023 and August 2023 Disbursements and July 2023 Financial Reports.

M/S/C (Kaiser/Garone) (yes – 4, no – 0): The Business & Finance Committee recommends the Board approve the July 2023 and August 2023 District Disbursements, the August 2023 Water Banking Projects' Disbursements, the anticipated August 2023 end of month Disbursements, and the July 2023 District and Water Banking Projects' Financial Statements, Treasurer's Reports, and Delinquency Report as presented.

5. DISTRICT CONTROLLER'S REPORT

- a. Lindsey Zimmerman, Partner at Brown Armstrong CPAs, presented the 2022 audited financial report of Kern Delta Water District. The Business & Finance committee recommended forwarding the 2022 audit report to the Board for review and acceptance.
- b. Staff presented a draft of the District's 2024 Budget for discussion. The Business & Finance committee made recommendations for Staff to consider in the final draft of the 2024 Budget to be presented during the next meeting of the Business & Finance Committee.
- c. Staff presented an update of the District's investment portfolio. The Business & Finance Committee directed staff to invest the \$1,000,000 maturing in August in either T-Bills or Fixed Income CDs – whichever provides the best yield – maturing in 24 months.

6. DIRECTORS' COMMENTS

None.

7. ADJOURN

Director Antongiovanni adjourned the meeting at 11:42 A.M.

Respectfully submitted,

Kevin Antongiovanni – Chair

**Kern Delta Water District
Balance Sheet
As of July 31, 2023**

	<u>07/31/2023</u>	<u>06/30/2023</u>	<u>Month-to-Month Variance</u>
Assets			
Current Assets			
Cash & Cash Equivalents	24,589,853	20,708,008	3,881,845
Accounts Receivable	1,308,953	884,925	424,027
Inventory & Prepaid Expenses	475,266	383,744	91,523
Total Current Assets	<u>26,374,072</u>	<u>21,976,677</u>	<u>4,397,395</u>
Net Fixed Assets			
Fixed Assets			
District Structures, Rights of Way	18,056,788	18,056,788	0
CVC Expansion	8,776,667	8,776,667	0
Machinery & Equipment	3,183,804	3,123,288	60,517
Fixed Assets	<u>30,017,259</u>	<u>29,956,743</u>	<u>60,517</u>
Less Accumulated Depreciation	<u>(7,909,495)</u>	<u>(7,857,496)</u>	<u>(52,000)</u>
Net Fixed Assets	<u>22,107,764</u>	<u>22,099,247</u>	<u>8,517</u>
Investment in Joint Powers Authority	<u>7,922</u>	<u>7,922</u>	<u>0</u>
Investment in Banking Project	<u>9,527,537</u>	<u>9,527,537</u>	<u>0</u>
Investment in Sunset Banking Program	<u>1,615,591</u>	<u>1,615,591</u>	<u>0</u>
Total Assets	<u>59,632,886</u>	<u>55,226,974</u>	<u>4,405,912</u>
Liabilities & Equity			
Current Liabilities			
Accounts Payable	299,143	160,647	138,497
Deposits Held for Others	107,553	107,552	0
Other Liabilities	203,517	200,617	2,900
Total Current Liabilities	<u>610,213</u>	<u>468,816</u>	<u>141,397</u>
Long Term Liabilities			
Bonds & COP Debt	3,565,000	3,565,000	0
Bonds Premium & Costs	113,548	113,548	0
Total Long Term Liabilities	<u>3,678,548</u>	<u>3,678,548</u>	<u>0</u>
Equity From Past Years	55,884,421	51,884,421	4,000,000
Accumulated Equity - Current Year	<u>(540,296)</u>	<u>(804,811)</u>	<u>264,515</u>
Total Liabilities & Equity	<u>59,632,886</u>	<u>55,226,974</u>	<u>4,405,912</u>

Kern Delta Water District
Cash Variance Analysis
July 31, 2023

Cash Received:

Transferred from KDWBP - per Board direction	4,000,000
Accounts Receivable Collections	644,221
Interest Received	43,440
	<u>4,687,661</u>

Cash Disbursed:

Kern Delta Water Banking Project - Spreading Maintenance Fee	(186,542)
Kern Delta Water Banking Project - CVC O&M - 3rd Qtr	(75,138)
Disbursements for Goods and Services:	
Jim Burke Ford - Truck #107	(60,120)
Target - Weed Chemicals	(54,228)
ACWA/JPIA - Property & Cyber Insurance Annual Premium	(40,880)
Medical/Dental Monthly Insurance Premiums	(35,070)
Equipment Rental (Down's/Herc) - Canal Maintenance	(25,993)
Professional Services	(25,405)
Diesel/Gas for Fleet	(19,443)
Jim Burke Ford/Quinn - Vehicle/Equipment Maintenance	(11,022)
Other Disbursements	(52,491)
	<u>(586,333)</u>
Payrolls Paid	(254,885)
	<u>(841,219)</u>

Positive/(Negative) Cash Variance Before FMV Adjustment

3,846,442

FMV Adjustment to Kern County Funds

35,403

Adjusted Positive/(Negative) Cash Variance

3,881,845

Kern Delta Water District
Accounts Receivable Variance Analysis
July 31, 2023

Revenue Added to Accounts:

Water Sales - Utility Water	853,099
District Wells Revenue	181
NKWSD 3rd Qtr	211,353

Other Misc Revenues:

Penalties/Interest/Adjustments	4,272
Misc Leases and Rentals	500
Pumping Agreements	350
Construction Water (Countryside Construction)	4,000
Meters purchased (John Allen, T&W Farms)	3,064
Pipe purchased (Olam)	5,870
	<hr/>
	1,082,688

Cash Received:

Water Payments	(610,438)
Misc Payments	(26,452)
Assessments Payments	(7,331)
	<hr/>
	(644,221)

Interest Accrual Reversed	<hr/>
	(14,441)
	<hr/>
	(658,662)

Net positive/(negative) variance	<div>424,027</div>
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Kern Delta Water District
Inventory/Prepays Variance Analysis
July 31, 2023

Additions to Accounts:

Weed Control Chemicals Purchased	182,155
Prepaid Additions	48,126
	<hr/>
	230,281

Usage/Amortization:

Chemicals Consumed During Month	(113,817)
Amortization of Prepaid Accounts	(24,942)
	<hr/>
	(138,759)

Net positive/(negative) variance	91,523
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**Kern Delta Water District
Statement of Operating Results
Through the Period Ended July 31, 2023**

	<u>Current Month</u>	<u>Year to Date</u>	<u>Annual Budget</u> KDWD Budget 2023	<u>YTD as %age of Budget (Target is 58%)</u>	<u>Budget Remaining</u>
REVENUE					
State Water Sales	0	0	1,105,543	0 %	(1,105,543)
Utility Water Sales	854,637	2,578,760	3,214,296	80 %	(635,536)
Seepage Revenue	0	385,924	750,000	51 %	(364,076)
Equalization	0	9,045	9,198	98 %	(153)
Assessments	0	997,437	1,006,879	99 %	(9,442)
Share of County Property Tax	0	2,555,198	6,085,317	42 %	(3,530,119)
Interest Revenue	28,999	142,682	208,045	69 %	(65,363)
Other Revenue	7,765	74,000	250,000	30 %	(176,000)
Water Transfer Charges	211,353	634,059	835,400	76 %	(201,341)
Expense Reimb From Banking	0	0	150,000	0 %	(150,000)
Total Revenue	<u>1,102,754</u>	<u>7,377,105</u>	<u>13,614,678</u>	<u>54 %</u>	<u>(6,237,573)</u>
EXPENDITURES					
Source of Supply					
State Water Costs	0	3,444,233	3,500,000	98 %	(55,767)
Exchange Fees	0	1,400	68,850	2 %	(67,450)
Watermaster, City, Isabella	5,746	176,357	435,400	41 %	(259,043)
Grower Recharge Program Costs	0	0	0	0 %	0
Miscellaneous Source Costs	0	39,590	731,000	5 %	(691,410)
Total Source of Supply	<u>5,746</u>	<u>3,661,580</u>	<u>4,735,250</u>	<u>77 %</u>	<u>(1,073,671)</u>
Transmission and Distribution					
Labor	244,549	1,636,634	2,866,402	57 %	(1,229,768)
Employee Benefits	85,103	584,516	990,269	59 %	(405,753)
Maintenance & Repairs	162,984	792,838	1,484,564	53 %	(691,726)
Total Transmission and Distribution	<u>492,636</u>	<u>3,013,988</u>	<u>5,341,235</u>	<u>56 %</u>	<u>(2,327,247)</u>
Administrative & Other Costs					
Engineering Consultants	0	0	50,000	0 %	(50,000)
Legal Expense	520	520	10,000	5 %	(9,480)
Special Legal/Engineering	14,205	169,335	500,000	34 %	(330,665)
Office Operations	20,539	209,535	357,407	59 %	(147,872)
Insurance	21,037	113,450	173,426	65 %	(59,976)
Special Expenses	265,894	541,330	811,000	67 %	(269,669)
Kern River GSA & SGMA	0	(5,493)	300,000	(2) %	(305,493)
Construction Expense - Peripheral	1,065	3,135	0	0 %	3,135
Bond Interest Expense	0	63,229	115,439	55 %	(52,211)
FMV Adjustment	(35,403)	(198,390)	0	0 %	(198,390)
Depreciation	52,000	345,182	0	0 %	345,183
Total Administrative & Other	<u>339,857</u>	<u>1,241,833</u>	<u>2,317,272</u>	<u>54 %</u>	<u>(1,075,438)</u>
Total Expenses	<u>838,239</u>	<u>7,917,401</u>	<u>12,393,757</u>	<u>64 %</u>	<u>(4,476,356)</u>
Net Fav/(Unfav) Operating Results	<u>264,515</u>	<u>(540,296)</u>	<u>1,220,921</u>	<u>(44) %</u>	<u>(1,761,217)</u>

KERN DELTA WATER DISTRICT
Labor and Benefits Tracker
2023

Actual Cost	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	TOTAL 2023
Wages & Salaries	226,257	208,113	237,284	229,431	254,914	236,086	244,549						1,636,634
Payroll Taxes - Employer Paid	16,995	15,642	17,829	17,241	19,182	17,742	18,379						123,010
Medical/Dental/Vision - Cost	35,169	33,071	31,935	40,637	33,905	37,110	36,641						248,468
Medical/Dental/Vision - Employee Withheld	(4,465)	(4,028)	(4,551)	(4,436)	(4,515)	(4,528)	(4,680)						(31,203)
Vacation Accrual - Incr/(Decr)	639	6,504	1,324	(430)	14,812	782	2,901						26,532
Workers' Comp Insurance	6,077	6,077	6,077	6,077	6,393	6,393	6,393						43,487
Life/LTD/AD&D	1,525	1,526	1,778	1,583	1,509	1,803	1,660						11,384
Retirement Plan	21,013	19,546	21,680	20,802	22,984	21,727	22,482						150,234
Uniforms and Other Benefits	2,040	744	1,555	1,643	2,154	3,141	1,327						12,604
Total Benefits	78,993	79,082	77,627	83,116	96,425	84,170	85,103	-	-	-	-	-	584,516
Total Labor and Benefits	305,250	287,195	314,911	312,547	351,339	320,256	329,652	-	-	-	-	-	2,221,150

*

Budgeted Cost													
Wages & Salaries	237,051	214,857	237,877	230,422	246,721	238,199	246,139						1,651,266
Payroll Taxes - Employer Paid	18,134	16,436	18,197	17,627	18,874	18,222	19,393						126,883
Medical/Dental/Vision - Cost	35,945	35,945	35,945	35,945	35,945	35,945	35,945						251,615
Medical/Dental/Vision - Employee Withheld	(5,222)	(5,222)	(5,222)	(5,222)	(5,222)	(5,222)	(5,222)						(36,552)
Vacation Accrual - Incr/(Decr)	-	-	-	-	-	-	-						-
Workers' Comp Insurance	6,078	6,078	6,078	6,078	6,382	6,382	6,382						43,458
Life/LTD/AD&D	1,500	1,500	1,500	1,500	1,500	1,500	1,500						10,500
Retirement Plan	22,381	20,537	23,016	22,562	24,116	23,567	25,584						161,763
Uniforms and Other Benefits	1,715	1,715	2,715	1,715	1,715	1,715	1,715						13,005
Total Benefits	80,531	76,989	82,229	80,205	83,310	82,109	85,297	-	-	-	-	-	570,672
Total Labor and Benefits	317,582	291,846	320,106	310,627	330,031	320,308	331,436	-	-	-	-	-	2,221,938

Budget vs Actual Variance - Fav/(Unfav)													
Wages & Salaries	10,794	6,744	593	992	(8,193)	2,113	1,590	-	-	-	-	-	14,633
Payroll Taxes - Employer Paid	1,139	794	368	386	(308)	480	1,014	-	-	-	-	-	3,873
Medical/Dental/Vision - Cost	776	2,874	4,010	(4,692)	2,040	(1,165)	(696)	-	-	-	-	-	3,147
Medical/Dental/Vision - Employee Withheld	(757)	(1,194)	(671)	(786)	(707)	(694)	(542)	-	-	-	-	-	(5,349)
Vacation Accrual - Incr/(Decr)	(639)	(6,504)	(1,324)	430	(14,812)	(782)	(2,901)	-	-	-	-	-	(26,532)
Workers' Comp Insurance	1	1	1	1	(11)	(11)	(11)	-	-	-	-	-	(29)
Life/LTD/AD&D	(25)	(26)	(278)	(83)	(9)	(303)	(160)	-	-	-	-	-	(884)
Retirement Plan	1,368	991	1,336	1,760	1,132	1,840	3,102	-	-	-	-	-	11,529
Uniforms and Other Benefits	(325)	971	1,160	72	(439)	(1,426)	388	-	-	-	-	-	401
Total Benefits	1,538	(2,093)	4,603	(2,911)	(13,114)	(2,061)	194	-	-	-	-	-	(13,844)
Total Labor and Benefits	12,332	4,651	5,196	(1,920)	(21,307)	52	1,784	-	-	-	-	-	789

KERN DELTA WATER DISTRICT

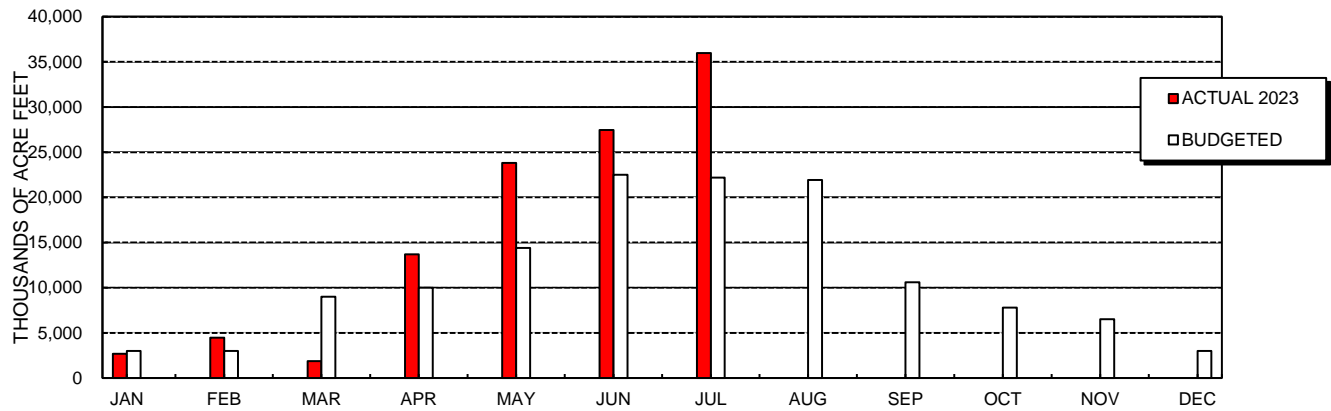
TREASURER'S REPORT

July 2023

	2023	2022	2021	2020
Cash & Securities on hand - July 1, 2023	\$ 20,708,008	\$ 21,899,505	\$ 22,282,634	\$ 21,561,908
Add: July receipts	12,093,063	416,899	553,942	815,871
Less: July disbursements	(8,211,219)	(846,813)	(450,649)	(589,057)
Cash & Securities on hand - July 31, 2023	\$ 24,589,852	\$ 21,469,590	\$ 22,385,926	\$ 21,788,722
Petty Cash \$ 500				
Citizens Business Bank 727,721				
Kern County Treasury 209,252				
JP Morgan Money Market 3,074,989				
LPL Financial 20,577,390				
\$ 24,589,853				
Restricted Reserves:				
Restricted Reserve Fund - Water Resources Manager	\$ (262,083)	\$ (300,000)	\$ (300,000)	\$ (300,000)
Unrestricted Reserves:				
Pipeline Maintenance	(216,912)	(216,912)	(213,845)	(213,845)
Water Rights Protection & Litigation Reserve	(3,168,358)	(2,718,358)	(2,718,358)	(3,136,608)
2015-A COP Reserve Fund	(3,565,000)	(4,015,000)	(4,015,000)	(4,230,000)
Operating Reserve	(5,000,000)	(5,000,000)	(5,000,000)	(5,000,000)
Capital Reserve	(2,000,000)	(2,000,000)	(2,000,000)	(2,000,000)
Groundwater Program Reserve	(3,500,000)	(3,500,000)	(3,500,000)	(3,500,000)
Total Reserves	\$ (17,712,354)	\$ (17,750,270)	\$ (17,747,203)	\$ (18,380,453)
Cash Available - July 31, 2023	\$ 6,877,498	\$ 3,719,320	\$ 4,638,724	\$ 3,408,269

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

	2022	2023										
	Actual (Accum- ulated)	Budgeted		Actual								
		Monthly	(Accum- ulated)	Monthly				Accumulated				% of Budget
				Utility	State	Contracts	Total	Utility	State	Contracts	Total	
JAN	1,617	3,000	3,000	2,560	0	112	2,672	2,560	0	112	2,672	89%
FEB	6,341	3,000	6,000	4,178	0	298	4,477	6,738	0	411	7,149	119%
MAR	13,072	9,000	15,000	1,727	0	146	1,873	8,465	0	557	9,022	60%
APR	21,034	10,000	25,000	13,584	0	119	13,703	22,049	0	676	22,725	91%
MAY	33,412	14,400	39,400	23,259	0	554	23,814	45,308	0	1,230	46,539	118%
JUN	44,588	22,500	61,900	27,010	0	458	27,468	72,318	0	1,689	74,007	120%
JUL	53,801	22,200	84,100	35,511	0	475	35,986	107,829	0	2,164	109,993	131%
AUG	60,468	21,929	106,029									
SEP	66,341	10,600	116,629									
OCT	67,924	7,800	124,429									
NOV	69,652	6,500	130,929									
DEC	70,429	3,000	133,929									



KERN DELTA WATER DISTRICT

Aged Accounts Receivable

Past Due Accounts

August 17, 2023

Account	Name	0-30 Days	31-60 Days	61-90 Days	Over 90 Days	Total Past Due
2362	Tesch, Greg	513.73	-	-	-	513.73
4565	Wible Ave LLC	293.29	-	-	-	293.29
4682	Olam Farming, Inc	716.30	-	-	-	716.30
4986	Buoni, Gino	860.01	-	-	-	860.01
5286	Tasteful Selections, LLC	1,165.14	-	-	-	1,165.14
5708	Dotson, Phillip & Wendy	2,358.05	-	-	-	2,358.05
5864	Rodd Living Trust	972.45	-	-	-	972.45
5988	Arvin Almonds, LLC	1,565.37	-	-	-	1,565.37
	OTHER	362.04	81.23	120.93	63.99	628.19
		8,806.38	81.23	120.93	63.99	9,072.53

Kern Delta Water Banking Project
Balance Sheet
As of July 31, 2023

	<u>07/31/2023</u>	<u>06/30/2023</u>	<u>Month-to-Month Variance</u>
Total Assets			
Current Assets			
Cash & Cash Equivalents	5,803,686	9,633,482	(3,829,796)
Due From SBVMWD	627,671	627,671	0
Interest Receivable	0	13,593	(13,593)
Other Receivables	261,680	150,277	111,403
Inventory and Prepaids	67,551	77,845	(10,294)
Total Current Assets	<u>6,760,588</u>	<u>10,502,868</u>	<u>(3,742,280)</u>
Fixed Assets			
All Structures	64,521,884	64,521,884	0
Machinery and Equipment	598,824	598,824	0
Less Accumulated Depreciation	<u>(12,710,754)</u>	<u>(12,654,254)</u>	<u>(56,500)</u>
Fixed Assets Net of Depreciation	<u>52,409,954</u>	<u>52,466,454</u>	<u>(56,500)</u>
Other Assets			
Investment in Sunset Banking Project	1,615,591	1,615,590	0
Total Other Assets	<u>1,615,591</u>	<u>1,615,590</u>	<u>0</u>
Total Assets	<u>60,786,133</u>	<u>64,584,912</u>	<u>(3,798,780)</u>
Total Liabilities & Equity			
Equity			
Capital Contributions From KDWD	9,527,537	9,527,537	0
Equity From Past Years	51,840,112	55,840,112	(4,000,000)
Accumulative Equity - Current Year	<u>(581,516)</u>	<u>(782,737)</u>	<u>201,220</u>
Total Equity	<u>60,786,133</u>	<u>64,584,912</u>	<u>(3,798,780)</u>
Total Liabilities & Equity	<u>60,786,133</u>	<u>64,584,912</u>	<u>(3,798,780)</u>

Kern Delta Water Banking Project
Cash Variance Analysis
July 31, 2023

Cash Received:

Received From KDWD - CVC Ops/Power	75,138
Interest Received	20,650
	<u>95,788</u>

Cash Disbursed:

Transferred to KDWD - per Board direction	(4,000,000)
Weed Control Labor by Others	(6,891)
Weed Chemicals Purchased	(5,018)
KCWA - TRF	(3,000)
PG&E - Well Power	(1,654)
Disbursements - Other	(4,728)
	<u>(4,021,291)</u>

Positive/(Negative) Cash Variance Before FMV Adjustment	(3,925,503)
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FMV Adjustment to Kern County Funds	95,707
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Adjusted Positive/(Negative) Cash Variance	(3,829,796)
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**Kern Delta Water Banking Project
Inventory/Prepays Variance Analysis
July 31, 2023**

Additions to Accounts:

Chemicals Purchased	5,018
	<hr/>
	5,018

Usage/Amortization:

Chemicals Consumed During Month	(15,312)
	<hr/>
	(15,312)

Net positive/(negative) variance	(10,294)
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Kern Delta Water Banking Project
Statement of Operating Results
As of July 31, 2023

	<u>Current Month</u>	<u>Year to Date</u>
<u>REVENUE:</u>		
Interest Revenue	<u>7,057</u>	<u>151,496</u>
Total Revenue	<u>7,057</u>	<u>151,496</u>
<u>EXPENSES:</u>		
Transfer and Exchange Fees		
TRF Fees	<u>3,000</u>	<u>8,200</u>
Total Transfer and Exchange Fees	<u>3,000</u>	<u>8,200</u>
Other Costs		
Power Cost - Wells	1,654	8,277
CVC Operating Costs	0	446,101
CVC Power Costs	0	3,596
Spreading OM&R	26,931	182,051
Wells OM&R and Other	0	14
FMV Adjustment	(95,707)	(124,184)
Depreciation	<u>56,500</u>	<u>395,500</u>
Total Other Costs	<u>(10,622)</u>	<u>911,355</u>
Total All Expenses	<u>(7,622)</u>	<u>919,555</u>
Favorable/(Unfavorable) Operating Results	<u>14,679</u>	<u>(768,059)</u>
Estimated 1st and 2nd Qtr Revenue - MWD		<u>1,250,000</u>
Estimated Fav/(Unfav) Operating Results		<u>481,941</u>

KERN DELTA WATER BANKING PROJECT

TREASURER'S REPORT

July 2023

	2023	2022	2021	2020
Cash & Securities on hand - July 1, 2023	\$ 9,633,482	\$ 8,234,932	\$ 6,716,587	\$ 14,142,423
Add: July receipts	191,495	1,556,603	920,166	67,969
Less: July disbursements	(4,021,291)	(956,693)	(730,461)	(158,832)
Cash & Securities on hand - July 31, 2023	\$ 5,803,686	\$ 8,834,842	\$ 6,906,292	\$ 14,051,560
Citizens Business Bank \$ 650,858 Kern County Treasury 225,516 JP Morgan Money Market 3,677,311 LPL Financial 1,250,000 \$ 5,803,686				
Restricted Cash included in above: OM&R Spreading	\$ (57,965)	\$ (143,831)	\$ (339,908)	\$ 802,808
OM&R Extraction	(575,260)	(659,450)	(555,119)	(50,616)
OM&R CVC/Delivery Canal	-	-	-	(3,066,450)
Take/Put Fees	(2,014,124)	(3,327,741)	(1,464,681)	(4,821,397)
Total Restricted	\$ (2,647,350)	\$ (4,131,022)	\$ (2,359,708)	\$ (7,135,655)
Cash Available for Construction - July 31, 2023	\$ 3,156,336	\$ 4,703,820	\$ 4,546,585	\$ 6,915,907

Sunset Water Banking Project
Balance Sheet
As of July 31, 2023

	<u>07/31/2023</u>	<u>06/30/2023</u>	<u>Month-to-Month Variance</u>
Assets			
Current Assets			
Cash & Cash Equivalents	2,773,282	2,850,981	(77,699)
SUN_Interest Receivable	0	13,740	(13,740)
Total Current Assets	<u>2,773,282</u>	<u>2,864,721</u>	<u>(91,439)</u>
Fixed Assets			
Construction in Progress	3,709,756	3,615,540	94,216
Total Fixed Assets at Cost	<u>3,709,756</u>	<u>3,615,540</u>	<u>94,216</u>
Net Fixed Assets	<u>3,709,756</u>	<u>3,615,540</u>	<u>94,216</u>
Total Assets	<u>6,483,038</u>	<u>6,480,261</u>	<u>2,777</u>
Liabilities & Equity			
Current Liabilities			
Accounts Payable	0	0	0
Total Current Liabilities	<u>0</u>	<u>0</u>	<u>0</u>
Equity			
Contributions to Equity - KDWD	1,627,928	1,627,928	0
Contributions to Equity - KDWBP	1,627,929	1,627,929	0
Contributions to Equity - AEWS	3,255,856	3,255,856	0
Equity From Past Years	(49,350)	(49,350)	0
Accumulated Equity - Current Year	20,675	17,898	2,777
Total Equity	<u>6,483,038</u>	<u>6,480,261</u>	<u>2,777</u>
Total Liabilities & Equity	<u>6,483,038</u>	<u>6,480,261</u>	<u>2,777</u>

**Sunset Water Banking Project
Statement of Operating Results
As of July 31, 2023**

	<u>Current Month</u>	<u>Year to Date</u>
Revenue		
Interest Revenue	1,590	27,211
Miscellaneous Revenue	0	19
Total Revenue	<u>1,590</u>	<u>27,230</u>
 Expenses		
FMV Adjustment	<u>(1,187)</u>	<u>6,555</u>
Total Expenses	<u>(1,187)</u>	<u>6,555</u>
Fav/(Unfav) Operating Results	<u>2,777</u>	<u>20,675</u>

SUNSET BANKING PROJECT

TREASURER'S REPORT

July 2023

	2023	2022	2021	
Cash & Securities on hand - July 1, 2023	\$ 2,850,981	\$ 253,492	\$ -	
Add: July receipts	16,517	7	-	
Less: July disbursements	(94,216)	(6,806)	-	
Cash & Securities on hand - July 31, 2023	\$ 2,773,282	\$ 246,694	\$ -	\$ -
Citizens Business Bank	539,302			
Kern County Treasury	2,233,980			
\$ 2,773,282				
Unrestricted Reserves:				
None				
Total Reserves	\$ -	\$ -	\$ -	\$ -
Cash Available - July 31, 2023	\$ 2,773,282	\$ 246,694	\$ -	\$ -

**Kern Delta Water District
US Treasury Investment Summary**

Maturity Date	Quantity (Q)	Par Value (PV)	Customer Price (P)	Principal (Prin) (Q x P)	Accrued Interest (AI)	Service Charge	Net Money (NM) (Prin + AI)	Coupon Rate (CR)	Coupon Interest (Cou)	Discount Returned (Disc) (PV - Prin)	Estimated Total Yield (Y) (Cou + Disc)	YTM	Value at Maturity (Prin + EYV)
1/24/2023	999	999,000	991.61	990,615.59	-	5	990,621	0.000%	-	8,384	8,384	3.511%	999,000
1/26/2023	999	999,000	991.32	990,328.68	-	5	990,334	0.000%	-	8,671	8,671	3.551%	999,000
7/13/2023	1,000	1,000,000	971.80	971,803.96	-	5	971,809	0.000%	-	28,196	28,196	4.105%	1,000,000
8/10/2023	1,000	1,000,000	968.43	968,427.19	-	5	968,432	0.000%	-	31,573	31,573	4.161%	1,000,000
9/30/2023	1,000	1,000,000	987.39	987,390.00	1,105.77	5	988,501	2.875%	27,647	12,610	40,257	4.240%	1,027,647
9/30/2023	1,000	1,000,000	972.49	972,490.72	528.85	5	973,025	1.375%	13,223	27,509	40,732	4.355%	1,013,223
9/30/2023	1,000	1,000,000	961.80	961,803.13	96.15	5	961,904	0.250%	2,404	38,197	40,601	4.390%	1,002,404
2/15/2024	3,000	3,000,000	975.38	2,926,125.00	18,831.52	5	2,944,962	2.750%	105,103	73,875	178,978	4.801%	3,105,103
4/30/2024	3,000	3,000,000	962.00	2,886,000.00	1,160.22	5	2,887,165	2.000%	88,603	114,000	202,603	4.754%	3,088,603
10/15/2024	1,000	1,000,000	929.20	929,200.00	3,107.92	5	932,313	0.625%	12,106	70,800	82,906	4.606%	1,012,106
10/31/2024	1,000	1,000,000	960.50	960,502.24	10,210.60	5	970,718	2.250%	44,568	39,498	84,066	4.419%	1,044,568
10/31/2024	1,000	1,000,000	945.55	945,548.94	6,807.07	5	952,361	1.500%	29,712	54,451	84,163	4.494%	1,029,712
1/31/2025	2,000	2,000,000	964.10	1,928,191.18	24,309.39	5	1,952,506	2.500%	76,027	71,809	147,836	4.946%	2,076,027
4/15/2025	2,000	2,000,000	962.15	1,924,305.00	14,631.15	5	1,938,941	2.625%	90,369	75,695	166,064	4.993%	2,090,369
		19,998,000		19,342,732	80,789	70	19,423,590		489,763	655,268	1,145,031		20,487,763
							221,209						
							19,644,799						

Fixed Income CDs Investment Summary

Maturity Date	Days to Maturity	Quantity/ Price	Service Charge	Net Amount	YTM	Expected Interest
11/2/2024	529	250,000	5	250,005	4.850%	17,573
11/5/2024	537	250,000	5	250,005	5.050%	18,574
11/25/2024	550	250,000	5	250,005	5.100%	19,212
11/25/2024	550	250,000	5	250,005	5.050%	19,024
11/26/2024	550	250,000	5	250,005	5.050%	19,024
11/29/2024	549	250,000	5	250,005	4.950%	18,613
2/19/2025	642	250,000	5	250,005	4.850%	21,327
4/30/2025	700	250,000	5	250,005	4.750%	22,774
5/19/2025	731	250,000	5	250,005	4.850%	24,283
5/22/2025	729	250,000	5	250,005	4.850%	24,217
5/23/2025	730	250,000	5	250,005	4.850%	24,250
5/26/2025	731	250,000	5	250,005	4.650%	23,282
5/27/2025	734	250,000	5	250,005	4.850%	24,383
5/27/2025	734	250,000	5	250,005	4.850%	24,383
5/30/2025	731	250,000	5	250,005	4.950%	24,784
6/2/2025	731	250,000	5	250,005	4.850%	24,283
		4,000,000				349,986

Kern Delta Water Banking Project
US Treasury Investment Summary

Maturity Date	Quantity (Q)	Par Value (PV)	Customer Price (P)	Principal (Prin) (Q x P)	Accrued Interest (AI)	Service Charge	Net Money (NM) (Prin + AI)						
4/13/2023	999	999,000	981.93	980,949.74	-	5	980,955						
4/20/2023	999	999,000	980.82	979,840.12	-	5	979,845						
4/27/2023	999	999,000	979.89	978,907.61	-	5	978,913						
		2,997,000		2,939,697	-	15	2,939,712						
							221,209						
							3,160,921						

Fixed Income CDs Investment Summary

Maturity Date	Days to Maturity	Quantity/ Price	Service Charge	Net Amount	YTM	Expected Interest
12/2/2024	551	250,000	5	250,005	5.100%	19,247
12/2/2024	551	250,000	5	250,005	5.100%	19,247
12/2/2024	551	250,000	5	250,005	5.100%	19,247
5/30/2025	731	250,000	5	250,005	4.850%	24,283
5/30/2025	730	250,000	5	250,005	4.950%	24,750
		1,250,000				106,775

Tab IV





**OPERATIONS AND PROJECTS
COMMITTEE MEETING**

**501 Taft Highway
Bakersfield, CA**

**TUESDAY August 1, 2023
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 June 6, 2023
 - b. Encroachment Permit Update
 - c. District Facility and Banking Maintenance Report
 - d. Water Banking Construction and Power Invoices
 - e. Pending Development Projects
 - f. Review of Potential Quitclaim of A.P.N. 371-411-09
 - g. Sunset Basins Update
 - h. Old River Basins Update
 - i. Consideration of Design Proposals for well(s) Development.
- 4. Committee Comments**
- 5. Adjourn**

A handwritten signature in black ink that reads "Chris Bellue".

Chris Bellue
Assistant General Manager

Posted: Friday, July 28, 2023
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, August 1, 2023

DIRECTORS PRESENT: Mendonca, Spitzer, and Fanucchi.

OTHERS PRESENT: From KDWD: General Manager Teglia, Water Resources Manager Mulkay, Assistant General Manager Bellue, District Counsel Iger, Staff Engineer DeLeon and Administrative Assistant Rodriguez.

1. CALL TO ORDER:

Director Mendonca called the meeting to order at 10:34 A.M.

2. PUBLIC COMMENTS:

None.

3. ASSISTANT GENERAL MANAGER'S REPORT:

- a. Approve minutes of the Operations and Projects Committee Meeting of June 6, 2023: M/S/C (Spitzer/Fanucchi) (yes-3, no-0): The Committee approved the minutes of the Operations and Projects Committee meeting held on June 6, 2023.
- b. Encroachment Permit Update: Mr. Bellue presented three encroachment requests, the first from PCL Construction to install a crossing for an electric line on the Buena Vista Canal at Bear Mountain BLVD. A request for access to the canal bank on the Central Branch at Pacheco Road was received from Sturgeon Services to remove equipment through. The last request was received from PG&E to install a crossing for a gas pipeline on the Central Branch at Ming Avenue.
- c. District Facility and Banking Maintenance: Mr. Bellue discussed several items of note including the repair of two wash-ins on the Kern Island and Central Branch Canals from grower tailwater. The cleaning of the traveling screen pump filters was also noted. Mr. Bellue also discussed the topics that are reviewed at the weekly safety meetings for Operations and Maintenance Staff. Mr. Bellue also provided an update on the ongoing removal and hauling of sand that is being deposited at the head of the Buena Vista Canal from the River Canal.
- d. Water Banking Construction and Power Invoices: M/S/C (Spitzer/Fanucchi) (yes-3, no-0): The Committee recommended the Board approve payment of Water Banking and Power Invoices totaling \$14,301.79.
- e. Pending Development Projects: Mr. Bellue provided a brief update on pending projects throughout the District.
- f. Review of Potential Quitclaim of A.P.N. 371-411-09: Staff presented the potential Quitclaim of a parcel at Wible Road and Harris Road.
- g. Sunset Basins Update: Staff provided a brief update on this item.
- h. Old River Basins Update: M/S/C (Fanucchi/Spitzer) (yes-3, no-0): The committee recommended the item be forwarded to the Board for further review and approval of the Well Design Proposals for the Old River Basins.

4. COMMITTEE COMMENTS:

None.

5. **ADJOURN:**

Director Mendonca adjourned the meeting at 11:28 A.M.

Respectfully submitted,

Joey Mendonca – Chair



To: Kern Delta Water District Board of Directors

From: Daniel Deleon

Date: August 15, 2023

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: PCL

Location: Buena Vista Canal

Purpose: Cross Buena Vista Canal with gas pipeline

Start Date: TBD

Organization: Sturgeon Services Int

Location: Central Branch Canal, Pacheco Road

Purpose: Access to remove equipment

Start Date: TBD

Organization: PG&E

Location: Central Branch Canal

Purpose: Cross Central Branch Canal with gas pipeline

Start Date: TBD

Maintenance Report

July 2023

1. **Structure and Turnout Repairs.** The following jobs were completed during the month.
 - a. Fabricated and installed another catwalk for a backup structure on the bottom reach of the reach on Stine Canal (5-0-543) because previously installed catwalk was stolen.
 - b. Replaced staff gauges at the following weirs; 551, 631, Belle Terrace on the KI and Belle Terrace on the Central.
 - c. Clean water pump screens on the traveling water screens 3 times this month.
 - d. Rancho Tree Service removed several trees on Central Canal south of Southgate.
 - e. Fix wash in below 631A on the Kern Island.
 - f. Fix wash ins on the Central between Buena Vista Blvd. and Bear Mtn.
 - g. Removed trees on Farmers Canal between Seasons Dr. and Harris Rd.
2. **Shop.** The following jobs were completed during the month;
 - a. Normal service and repairs on District vehicles and equipment.
 - b. Installed new wood decking and reinforced where needed on Trailer T-11.
 - c. GPS installed on most of the fleet.
 - d. Tire repairs on 222, 216, 218 and 223.
 - e. Replace fuel pump and filter on 325.
 - f. Weld in new bushings in the muck bucket.
3. **District Wells.**
 - a. Monthly service and inspection of all District Wells, clean well pads as needed.
4. **Motor Grader # 403** The following canals were sloped, and roads graded;
 - a. Kern Island from Shafter Road to the head including the 13 and 18 Ditches.
 - b. Stine Canal from Chester Ln. working south.
5. **Backhoe # 402** The following jobs were completed during the month;
 - a. Dug up and collapsed gopher holes on Rim Ditch and KI Drain.
6. **Backhoe # 404** The following jobs were completed this month;
 - a. Remove plywood from the Eastside Canal at the railroad weir.
 - b. Helped with multiple homeless encampments.
 - c. Dipped the Eastside, BV, and Central Canals.
 - d. Dug up and collapsed gopher holes on Kern Island north of Bear Mtn.
7. **Backhoe # 408** The following jobs were completed this month;
 - a. Fixed wash in below 631A.
 - b. Dug up and collapsed gopher holes on the Eastside between Edison Rd. and Bear Mtn.
 - c. Remove more trees from Central Canal Lake to make it more accessible to treat.
 - d. Remove tumbleweeds from Stine Canal from McCutchen Rd to railroad tracks.
 - e. Haul dirt to Stine Canal to repair bank erosion from high flows.

8. **Weed Spraying.** The following canals were sprayed during the month;
 - a. Finished the Stine canal.
 - b. BV canal.
 - c. 15 Ditch and the 20-foot Ditch.
 - d. Smith Judd extension from Bear Mtn. to the 20-foot.
 - e. Treat tree stumps recently cut by Rancho Tree Service on the Central south of Southgate.
9. **Aquatic Treatments.** Treatments including surface spraying for algae mats and injection treatments for control of algae or vascular aquatic weeds;
 - a. Drip treatments were done the Buena Vista (2 locations), Eastside, Stine, and Farmers.
 - b. Surface sprayed algae mats on the 18 N&S, Randall, Section 5, and 13 Ditches.
10. **Rodent Control**
 - a. Bait stations were checked and filled throughout the district this month and moved the nonactive stations to areas with activity.
11. **Trash Removal.**
 - a. Clean trash racks throughout District.
 - b. Removed trash left behind from homeless encampments.
12. **Fence Repairs.** Fences and Gates were repaired at the following locations;
 - a. Stine Canal- Rehung gate at Flicker St, extended gate at Park Circle, patched holes at District Blvd and White Ln.
 - b. Central Canal- Wilson, Planz, Union, Ming and Southgate.
 - c. Eastside Canal
 - d. Kern Island Canal – S. H St. and Pacheco.
 - e. Branch 1- Smoke Tree.
 - f. BV Canal
 - g. Farmers- Seasons Dr.
13. **Safety Meetings.** Weekly tailgate safety topics were;
 - a. Heat Illness Prevention.
 - b. How to Avoid Fatigue When Working Outdoors.
 - c. Are You At Risk For Complacency.
 - d. Working Safely Safety Tips.
14. **Water Banking Activities.** The following jobs were completed during the month;
 - a. Mowed Branch 1 Basins.
 - b. Spot treat basins for weed control.
15. **Future Projects.** The following projects will be completed as time permits:
 - a. Trim and remove trees and brush as needed along canals for grader passage.
 - b. Monitor sinkholes at Shafter Road (Smith Judd Canal) and Gosford Road (Farmers Canal).

- c. Replace BV East Canal crossing at the Maple Canal.
- d. Replace or remove crossing on the Stine 5-0-546 backup structure/crossing which is no longer needed and is failing.
- e. Replace or remove crossing on the KI Drain.

16. Future Water Banking Projects.

- a. Skim sediment off pond bottoms to improve recharge.
- b. Repair erosion around basin structures.
- c. Dredge and repair canals following a big water year.

17. Newly Discovered Issues.

- a. Head of BV is still taking on sand from the River Canal. Sand removal with long reach excavator and off-site hauling is ongoing.



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	-	Meter needs to be installed
2	P	AT&T	Install fiber crossing	Central Branch Canal	Panama Lane	X	X	X	-	Construction TBD
3	P	Cal Water	Well Purge/Tie-In	Multiple	Multiple	-	-	-	-	No update
4	P	Caltrans	Pumpkin Center	Multiple	Taft Hwy	-	-	-	X	Future meeting with Caltrans to discuss
5	P	DeWalt	Culvert Extension	Kern Island Main Canal	South of Hosking	X	P	-	X	No update
6	P	Hathaway	Long-term access request	Eastside Canal	South of Panama Lane					No update
7	P	HP LLC	Fiber Crossing	Multiple	Multiple	X	X	X		34th Street complete, White Ln pending
8	P	KC Superintendent of Schools	Block Wall	East Branch Canal	Union Ave					Staff yet to receive plans
9	P	KDWD	Pumps and pipeline(s)	Sunset Basins	North of Sunset Blvd	X	X	-	X	Waiting on pumps, structure, electrical
10	P	KDWD	Wells	Old River Basins	North of Taft Hwy	-	-	-	X	Need to select consulting engineer
11	P	KDWD	Old River Fencing	Old River Basins	North of Taft Hwy				X	Project begun 7/31/2023
12	P	Lane Engineers	Culvert Extension	Kern Island Main Canal	North of Taft Hwy	X	X	-	X	Construction anticipated this December
13	P	Lane Engineers	Utility crossing	Kern Island Main Canal	North of Taft Hwy	X	X	X	-	Waiting for contractor to obtain EP
14	P	LAV // Pinnacle	Pipeline & Realignment	Branch One Canal	South of Taft Hwy	-	-	-	X	Plans reviewed
15	P	McIntosh & Associates	Pipeline & Realignment	Section 31 Ditch	North of McCutchen	X	X	-	X	Contractor to fix minor issues
16	P	McIntosh & Associates	Fencing, Road crossing	Burness Ditch	North of Taft Hwy	X				2nd Plan check completed
17	P	McIntosh & Associates	Pipeline & Realignment	Branch II Canal	North of McKee	X	P	-	X	Zeiders working with McIntosh
18	P	McIntosh & Associates	Pipeline & Realignment	Branch II & Stine Canal	West of Gosford	-	-	-	X	Zeiders working with McIntosh
19	P	Memorial	Solar Project	Eastside Canal	North of 34th Street	-	-	-	X	No update
20	P	Panama Buena Vista USD	Pipeline & Realignment	Randall Ditch	East of Stine Road	-	-	-	X	Staff met with school district
21	P	Panama Buena Vista USD	Realignment	Randall Ditch	West of Stine Road	-	-	-	X	Pending plans
22	P	PCL	Gas pipeline	Buena Vista	Bear Mt. Blvd			X		Pending plans
23	P	PG&E	Gas pipeline	Central Branch Canal	Southside of Ming	-	-	X		Pending plans
24	P	PG&E	Ungrounding power, 34th St	Multiple	34th Street	X	X	X	-	No update
25	P	Porter and Associates	Culvert Extension	Central Branch Canal	North of Panama Lane				X	Staff met with engineer and developer
26	P	Sturgeon Services Int	Access	Central Branch Canal	Pacheco Rd			X		Access to remove equipment
27	P	WRMWS/KDWD	5G Tie-In	Buena Vista	North of S. Lake Rd	-	-	-	-	On going staff discussions
28	C	McIntosh & Associates	Wrought Iron Fencing	Branch One Canal	East of Hwy 99	X	X	X	-	Complete
29	C	KDWD	Grading	Old River Basins	North of Taft Hwy	-	-	-	X	Complete
30	C	KDWD	13 Ditch Return Repair	13 Ditch	North of Shafter Road					Repair complete
31	C	Laurel Ag	New turnout	Eastside Canal	End of Eastside	X	X	X		
32	C	PG&E	Bridge removal	Eastside Canal	North of 30th Street	-	-	-	X	Expected to be completed by Feb 8th, 2023
33	C	Cal Water	Waterline	Kern Island Main Canal	N Street	X	X	X	-	Complete
34	C	EDP Renewables	Canal Access	Rim Ditch	Between I-5 and Ashe	-	-	-	X	Complete
35	C	KDWD	Traveling Screens	Central Branch Canal	North of AE Intake Canal	-	-	-	X	Complete
36	C	Murray Family Farms	Install sign	Rim Ditch	North of Rim Ditch	X				Complete
37	C	KDWD	Annual Engineering Report	N/A	N/A	-	-	-	-	Complete
38	C	KDWD	2021 Crop Report	N/A	N/A	-	-	-	-	Complete
39	C	PG&E	Overhead Power	Central Branch Canal	South of Panama Lane	X	X	X	-	Complete
40	C	Power Plus!	Temp Overhead Power	Central Branch Canal	Central near KD-02 Site	X	X	X	-	Installed
41	C	South Valley	Well discharge	Kern Island Main Canal	South of McKee	X	X	X	-	Purge well into canal



To: Kern Delta Water District Board of Directors

From: Chris Bellue

Date: August 1, 2023

Re: Well Design Quotes for Old River Basins

RECOMMENDATION:

Staff recommends selecting Zeiders Consulting for a not to exceed amount of \$115,400 for two wells or \$90,000 for one well.

DISCUSSION:

The District obtained two permits for new wells to be drilled at the Old River Basins. Staff reached out to AECOM and Zeiders Consulting to provide quotes for well design, preparation of bid documents, bid opening, and construction management for two new wells. The quotes are summarized below.

Zeiders consulting also provided a quote for one well with the assumption that the overall cost to drill one well and equip it with a larger motor and a VFD would be much less than it would be to drill two wells using smaller motors. The Zeiders proposal includes a cost-benefit analysis for drilling and equipping one well versus two. Based on the results of the cost-benefit analysis, staff will decide which option is best for the District and proceed accordingly.

QUOTES:

Company	Well Design and CM Services
*Zeiders – 2 Wells	\$115,400
Zeiders – 1 Well	\$90,000
AECOM – 2 Wells	\$109,616

*Note: The Zeiders quote includes \$17,937 for labor compliance and geotechnical services which wasn't included in the AECOM quote and is a necessary component of the project. Had these items not been included, the Zeiders total budget would have been \$97,463.

July 24, 2023

Mr. Chris Bellue
Assistant General Manager
Kern Delta Water District
501 Taft Hwy
Bakersfield, CA 93307

The following Task Order defines a Scope of Services and Budget for Professional Engineering Services for Kern Delta Water District related to the “Old River Recharge Ponds Well Drilling & Equipping-Collection Pipeline Project”.

Scope of Services

Zeiders Consulting proposes to provide professional services – as directed by Chris Bellue for the Old River Recharge Ponds Well Drilling & Equipping-Collection Pipeline Project.

Design and Bidding:

It is assumed that there will be one bid set for the drilling and equipping of the 2 new wells and one bid set for the collector pipelines for the 2 new wells. Services will include, evaluation/pros & cons/costs of one larger well vs two smaller wells options, wellsite design/layout, well design and specifications, well and pumping equipment design, suggested routing of PG&E power, preparation of plans, specifications and bid documents (bid sheets and descriptions), bidding support and bid evaluation for the drilling and equipping bid; collector pipeline design, hydraulics and relative cost evaluation, preparation of plans, specifications and bid documents (bid sheets and descriptions), bidding support and bid evaluation for the Old River Recharge Ponds wells as requested by the District. Equipping will include security (bars and well cages if desired), shade covers (if desired), VFD's or soft-start electrical panels (whichever is desired). Refer to pictures included with proposal.

Project Management and Construction Services:

Services will include project management, construction oversight, observation, and inspection, pay request review, etc. Additional services would include subcontract services for Labor Compliance and soils compaction testing. *The budget for this part of the proposal assumes that one of the preferred local drillers/pump companies will be the successful bidder and that only modest inspection and oversight will be required. In the event that a less reliable or lessor known driller/pump company provides the winning bid, additional services and time may be required to oversee the drilling and equipping operations. That could potentially require an increase in the budget for Project Management and Construction Services.

Budget

The budget for this Task Order is **\$115,400** Billing for all work completed under this Task Order will be on a “rate sheet” basis (per the rate sheets attached). The budget would not be exceeded without prior written authorization from Kern Delta Water District.

If it is decided to drill and equip one larger well instead of two smaller wells, a commensurate cost reduction in the costs for our services would be realized – just as the location of the well will affect the cost of the pipeline and related construction and design services. For a single larger well, the budget for the Task Order would be **\$90,000**.

Authorized by:

Kern Delta Water District

By: _____
Steve Teglia – General Manager

Date: _____

Accepted by:

William Zeiders - PE
Zeiders Consulting

By: _____
William Zeiders – Owner/Principal

Date: _____

KDWD Design & bidding for Old River Recharge Well Project**Cost Estimate for Professional Services -****2 wells - well drilling and equipping.****Collector pipeline(s) for each well**Assumptions:

Well drilling & equipping for two new wells - design, specifications, bid docs, bidding.

Collector Pipeline(s) will be for design and specifications, bid docs, bidding for connecting the 2 new wells into the Stine Canal.

Task 1 - Evaluation of 1 larger well vs 2 smaller wells - Cost/Benefit Analysis

<u>Classification</u>	<u>Hours</u>	<u>Rate</u>	<u>Total</u>
Principal Engineer	6	\$ 165.00	\$ 990.00
Civil Engineer	0	\$ 125.00	\$ -
Project Engineer	12	\$ 125.00	\$ 1,500.00
EIT	0	\$ 110.00	\$ -
Tech 2	0	\$ 110.00	\$ -
Tech 1	0	\$ 110.00	\$ -
Mileage	50	\$ 0.75	\$ 37.50
		Subtotal	\$ 2,527.50

Task 2 - Old River Well drilling and equipping for 2 wells, plans, specifications, bid docs and bid support.

<u>Classification</u>	<u>Hours</u>	<u>Rate</u>	<u>Total</u>
Principal Engineer	54	\$ 165.00	\$ 8,910.00
Civil Engineer	0	\$ 125.00	\$ -
Project Engineer	180	\$ 125.00	\$ 22,500.00
EIT	0	\$ 110.00	\$ -
Tech 2	0	\$ 110.00	\$ -
Tech 1	0	\$ 110.00	\$ -
Mileage	200	\$ 0.75	\$ 150.00
Surveying	0	\$ 260.00	\$ -
		Subtotal	\$ 31,560.00

Task 3 - Old River Well pipelines, plans, specifications, bid docs and bid support.

<u>Classification</u>	<u>Hours</u>	<u>Rate</u>	<u>Total</u>
Principal Engineer	16	\$ 165.00	\$ 2,640.00
Civil Engineer	0	\$ 125.00	\$ -
Project Engineer	80	\$ 125.00	\$ 10,000.00
EIT	0	\$ 110.00	\$ -

Tech 2	0	\$ 110.00	\$ -
Tech 1	0	\$ 110.00	\$ -
Mileage	150	\$ 0.75	\$ 112.50
Surveying	0	\$ 260.00	\$ -
		Subtotal	\$ 12,752.50

Task 4 - Old River Well drilling and equipping for 2 wells: Project management, site observation and inspection, invoice review, well design recommendations, etc.

<u>Classification</u>	<u>Hours</u>	<u>Rate</u>	<u>Total</u>
Principal Engineer	60	\$ 165.00	\$ 9,900.00
Civil Engineer	0	\$ 125.00	\$ -
Project Engineer	225	\$ 125.00	\$ 28,125.00
EIT	0	\$ 110.00	\$ -
Tech 2	0	\$ 110.00	\$ -
Tech 1	0	\$ 110.00	\$ -
Mileage	1600	\$ 0.75	\$ 1,200.00
Surveying	0	\$ 260.00	\$ -
		Subtotal	\$ 39,225.00

Task 5 - Old River Well pipelines: Project management, site observation and inspection, invoice review, etc.

<u>Classification</u>	<u>Hours</u>	<u>Rate</u>	<u>Total</u>
Principal Engineer	20	\$ 165.00	\$ 3,300.00
Civil Engineer	0	\$ 125.00	\$ -
Project Engineer	80	\$ 125.00	\$ 10,000.00
EIT	0	\$ 110.00	\$ -
Tech 2	0	\$ 110.00	\$ -
Tech 1	0	\$ 110.00	\$ -
Mileage	800	\$ 0.75	\$ 600.00
Surveying	0	\$ 260.00	\$ -
		Subtotal	\$ 13,900.00

Design and Construction Services Subtotal \$ 99,965.00

Task 6 - Old River Wells & pipelines Subcontract Services: Soils compaction for Pipelines.

<u>Classification</u>	<u>Hours</u>	<u>Rate</u>	<u>Total</u>
Soils compaction testing (Krazan & Associates)	40	\$ 140.00	\$ 5,600.00
Subcontractor Markup (15%)			\$ 840.00
		Subtotal	\$ 6,440.00

Task 7 - Old River Wells & pipelines Subcontract Services: Labor Compliance.

<u>Classification</u>	<u>Months</u>	<u>Rate</u>	<u>Total</u>
Labor Compliance (CS & Associates)	6	\$ 1,300.00	\$ 7,800.00
Subcontractor Markup (15%)			\$ 1,170.00
		<u>Subtotal</u>	<u>\$ 8,970.00</u>

**Subcontractor Services Subtotal:
(Labor Compliance & Soils)**

\$ 15,410.00

Grand Total:

<u>Classification</u>	<u>Hours</u>	<u>Rate</u>	<u>Total</u>
Principal Engineer	156	\$ 165.00	\$ 25,740.00
Civil Engineer	0	\$ 125.00	\$ -
Project Engineer	577	\$ 125.00	\$ 72,125.00
EIT	0	\$ 110.00	\$ -
Tech 2	0	\$ 110.00	\$ -
Tech 1	0	\$ 110.00	\$ -
Mileage	2800	\$ 0.75	\$ 2,100.00
Surveying - by Pinnacle Surveying	0	\$ 260.00	\$ -
Printing			\$ -
Soils compaction testing (Krazan & Associates)			\$ 6,440.00
Labor Compliance (CS & Associates)			\$ 8,970.00
Estimated Total =			<u>\$ 115,375.00</u>

KDWD Design & bidding for Old River Recharge Well Project**Cost Estimate for Professional Services -****1 well - well drilling and equipping.****Collector pipeline for the well**Assumptions:

Well drilling & equipping for one new well - design, specifications, bid docs, bidding.

Collector Pipeline will be for design and specifications, bid docs, bidding for connecting the new well into the Stine Canal.

Task 1 - Evaluation of 1 larger well vs 2 smaller wells - Cost/Benefit Analysis

<u>Classification</u>	<u>Hours</u>	<u>Rate</u>	<u>Total</u>
Principal Engineer	6	\$ 165.00	\$ 990.00
Civil Engineer	0	\$ 125.00	\$ -
Project Engineer	12	\$ 125.00	\$ 1,500.00
EIT	0	\$ 110.00	\$ -
Tech 2	0	\$ 110.00	\$ -
Tech 1	0	\$ 110.00	\$ -
Mileage	50	\$ 0.75	\$ 37.50
		Subtotal	\$ 2,527.50

Task 2 - Old River Well drilling and equipping for 1 well, plans, specifications, bid docs and bid support.

<u>Classification</u>	<u>Hours</u>	<u>Rate</u>	<u>Total</u>
Principal Engineer	50	\$ 165.00	\$ 8,250.00
Civil Engineer	0	\$ 125.00	\$ -
Project Engineer	150	\$ 125.00	\$ 18,750.00
EIT	0	\$ 110.00	\$ -
Tech 2	0	\$ 110.00	\$ -
Tech 1	0	\$ 110.00	\$ -
Mileage	200	\$ 0.75	\$ 150.00
Surveying	0	\$ 260.00	\$ -
		Subtotal	\$ 27,150.00

Task 3 - Old River Well pipeline, plans, specifications, bid docs and bid support.

<u>Classification</u>	<u>Hours</u>	<u>Rate</u>	<u>Total</u>
Principal Engineer	14	\$ 165.00	\$ 2,310.00
Civil Engineer	0	\$ 125.00	\$ -
Project Engineer	60	\$ 125.00	\$ 7,500.00
EIT	0	\$ 110.00	\$ -

Tech 2	0	\$ 110.00	\$ -
Tech 1	0	\$ 110.00	\$ -
Mileage	150	\$ 0.75	\$ 112.50
Surveying	0	\$ 260.00	\$ -
		Subtotal	\$ 9,922.50

Task 4 - Old River Well drilling and equipping for 1 well: Project management, site observation and inspection, invoice review, well design recommendations, etc.

<u>Classification</u>	<u>Hours</u>	<u>Rate</u>	<u>Total</u>
Principal Engineer	50	\$ 165.00	\$ 8,250.00
Civil Engineer	0	\$ 125.00	\$ -
Project Engineer	140	\$ 125.00	\$ 17,500.00
EIT	0	\$ 110.00	\$ -
Tech 2	0	\$ 110.00	\$ -
Tech 1	0	\$ 110.00	\$ -
Mileage	1000	\$ 0.75	\$ 750.00
Surveying	0	\$ 260.00	\$ -
		Subtotal	\$ 26,500.00

Task 5 - Old River Well pipeline: Project management, site observation and inspection, invoice review, etc.

<u>Classification</u>	<u>Hours</u>	<u>Rate</u>	<u>Total</u>
Principal Engineer	18	\$ 165.00	\$ 2,970.00
Civil Engineer	0	\$ 125.00	\$ -
Project Engineer	62	\$ 125.00	\$ 7,750.00
EIT	0	\$ 110.00	\$ -
Tech 2	0	\$ 110.00	\$ -
Tech 1	0	\$ 110.00	\$ -
Mileage	700	\$ 0.75	\$ 525.00
Surveying	0	\$ 260.00	\$ -
		Subtotal	\$ 11,245.00

Design and Construction Services Subtotal **\$ 77,345.00**

Task 6 - Old River Well & pipeline Subcontract Services: Soils compaction for Pipeline. (Note: Well location chosen would greatly affect this line item.)

<u>Classification</u>	<u>Hours</u>	<u>Rate</u>	<u>Total</u>
Soils compaction testing (Krazan & Associates)	32	\$ 140.00	\$ 4,480.00
Subcontractor Markup (15%)			\$ 672.00
		Subtotal	\$ 5,152.00

Task 7 - Old River Wells & pipelines Subcontract Services: Labor Compliance.

<u>Classification</u>	<u>Months</u>	<u>Rate</u>	<u>Total</u>
Labor Compliance (CS & Associates)	5	\$ 1,300.00	\$ 6,500.00
Subcontractor Markup (15%)			\$ 975.00
		Subtotal	\$ 7,475.00

**Subcontractor Services Subtotal:
(Labor Compliance & Soils)**

\$ 12,627.00

Grand Total:

<u>Classification</u>	<u>Hours</u>	<u>Rate</u>	<u>Total</u>
Principal Engineer	138	\$ 165.00	\$ 22,770.00
Civil Engineer	0	\$ 125.00	\$ -
Project Engineer	424	\$ 125.00	\$ 53,000.00
EIT	0	\$ 110.00	\$ -
Tech 2	0	\$ 110.00	\$ -
Tech 1	0	\$ 110.00	\$ -
Mileage	2100	\$ 0.75	\$ 1,575.00
Surveying - by Pinnacle Surveying	0	\$ 260.00	\$ -
Printing			\$ -
Soils compaction testing (Krazan & Associates)			\$ 5,152.00
Labor Compliance (CS & Associates)			\$ 7,475.00
Estimated Total =			<u>\$ 89,972.00</u>





AECOM
5001 E. Commercenter Dr. Suite 100
Bakersfield, CA 93309

tel 661.283.2323

January 16, 2023

Chris Bellue, Assistant General Manager
Kern Delta Water District
501 Taft Highway
Bakersfield, CA 93307

Subject: Proposal for Old River Water Wells Project

Dear Chris,

AECOM Technical Services, Inc. (AECOM) is pleased to submit this proposal for engineering services to Kern Delta Water District (District).

PROJECT UNDERSTANDING

The District is currently in construction on the Old River Basins, which is a groundwater banking facility near the intersection of Old River Road and Taft Highway in Bakersfield, California. Two extraction wells are proposed for this project and well pads were included in the District's design for the facility. The District has obtained permits from Kern County Environmental Health for the wells. These permits include the depth and size of the proposed wells.

We understand that the District desires AECOM to design the two new wells, provide support during public bidding, and construction administration. The wells will include the following features:

1. Constant speed motors with soft starters.
2. Sized for a target of 3 to 4 cfs each.
3. SCADA is not included.
4. A discharge pipeline from the wells to the Farmer's Canal.
5. Each well site will be fenced.
6. Each well will include a magnetic flow meter.
7. Electrical cabinets will include a theft prevention arm.
8. Manual transfer switch and connection port for a trailer-mounted generator.

SCOPE OF WORK

Task 1 –Design Phase

AECOM will lead a kickoff meeting with District staff and visit the project site and an existing well site. AECOM will prepare a meeting agenda and minutes.

AECOM will prepare plans, specifications, and an opinion of probable construction cost. Front end specifications are assumed to be the same as previously used for the administration building project several years ago. Deliverables will be provided for District review at the 60% and 90% levels of completion.

Deliverables:

- *60% Plans and Estimate (PDF)*
- *90% Plans, Specifications, and Estimate (PDF)*
- *Final Plans, Specifications, and Estimate (PDF and 2 hardcopies)*

Assumptions:

- *Geotechnical investigation is not required.*
- *Topographic survey is not required.*
- *Hydrogeology services are not required.*
- *AutoCAD files for the proposed finished ground of the banking project are provided by the District.*
- *PG&E application and coordination is by the District.*
- *Shade structures are not included.*

Task 2 - Bidding Phase

AECOM will distribute PDFs to bidders, maintain a bidder list, and distribute to plan rooms.

AECOM will respond to bidder requests for information (RFIs).

AECOM will prepare addenda to the plans and specifications, if required, as part of RFI response.

AECOM will conduct the bid opening at the District's office, prepare a tabulation of bid results, and provide a recommendation for award to the District.

Deliverables:

- *Bid Tabulation and Award Recommendation*

Assumptions:

- *Response to bidder's RFI's (Up to 8)*
- *Assist in addendum preparation (2 assumed)*
- *Attendance at pre-bid meetings is not included.*
- *The District will coordinate and pay for advertisement.*
- *Both wells will be advertised in a single construction package.*

Task 3 - Construction Phase

AECOM will conduct one (1) preconstruction meeting.

AECOM will respond to Contractor RFIs.

AECOM will review shop drawings and submittals.

AECOM will provide periodic construction observation.

AECOM will prepare monthly progress pay estimates.

AECOM will prepare record drawings from contractor markups.

Deliverables:

- *Record Drawings*

Assumptions:

- *Respond not more than fifteen (15) contractor RFIs.*
- *Review not more than twenty (20) submittals and shop drawings.*
- *Construction observation duration is assumed to be 20 working days at 4 hours per day.*
- *Prepare not more than eight (8) progress pay estimates.*
- *Preparation of construction change orders is not included.*
- *Construction will be completed by December 31, 2023.*

Schedule:


- | | |
|-----------------------------|---|
| 1) 60% Deliverable | 30 working days from NTP |
| 2) 90% Deliverable | 20 working days from receipt of comments on 60% deliverable |
| 3) Final Deliverable | 10 working days from receipt of comments on 90% deliverable |

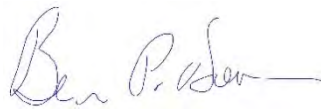
Compensation:

Task 1 – Design Phase	\$ 75,650	Time and Materials
Task 2 –Bidding Phase	\$ 7,044	Time and Materials
Task 3 - Construction Phase	\$ <u>26,922</u>	Time and Materials
Total:	\$109,616	

Thank you for the opportunity. Please contact either of us if you have any questions or concerns about our proposed scope or fee. We look forward to working with you and your staff on this project.

Yours sincerely,


Daniel Cronquist, PE
Project Manager


Ben Horn, PE
Managing Engineer

Project Budget

Old River Water Wells Project

Kern Delta Water District

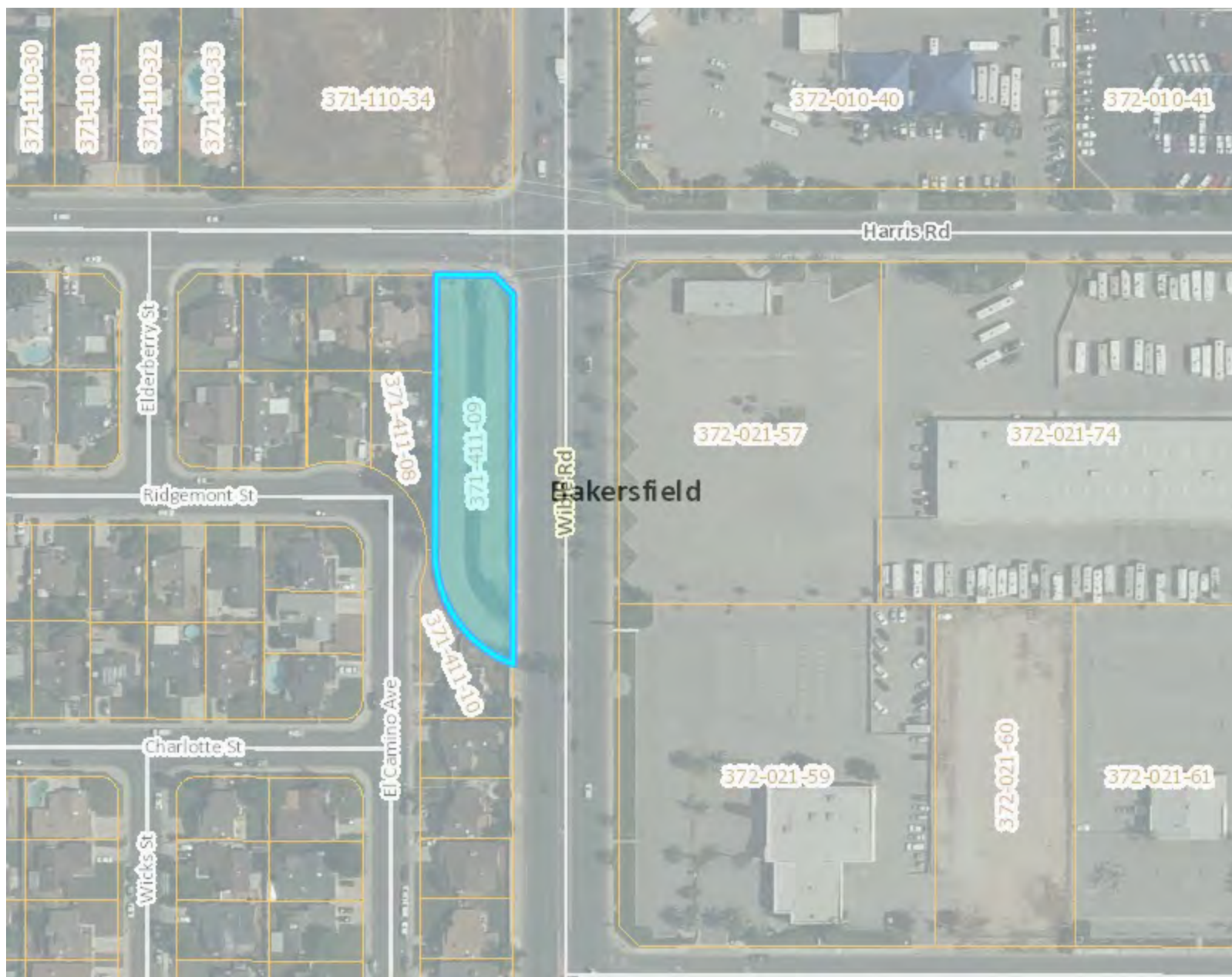
Task Description	Personnel Hours										Budget		
	Specialty Principal	Principal	Senior II	Senior I	Associate	Assistant	CAD Supervisor	CAD Operator	Clerical	Total Hours	Labor	Non-Labor Fee	Total
Task 1 - Design Phase													
Kickoff Meeting & Site Visit			2	2						4	\$ 680	\$ 10	\$ 690
Prepare Specifications										0	\$ -	\$ -	\$ -
- Front End Documents					8					8	\$ 1,000	\$ 15	\$ 1,015
- Civil and Mechanical			4	12	40					56	\$ 7,640	\$ 115	\$ 7,755
- Electrical	2		8		8				2	20	\$ 3,170	\$ 48	\$ 3,218
Prepare Drawings										0	\$ -	\$ -	\$ -
- Title Sheet					2			4		6	\$ 730	\$ 11	\$ 741
- Vicinity Map, General Notes			2		2			4		8	\$ 1,090	\$ 16	\$ 1,106
- Well #1 Site Plan			2	8	12			16		38	\$ 5,060	\$ 76	\$ 5,136
- Well #1 Discharge Pipeline Plan and Profile			2	8	12			16		38	\$ 5,060	\$ 76	\$ 5,136
- Well #2 Site Plan			2	8	12			16		38	\$ 5,060	\$ 76	\$ 5,136
- Well #2 Discharge Pipeline Plan and Profile			2	8	12			16		38	\$ 5,060	\$ 76	\$ 5,136
- Well Details 1			2	8	12			16		38	\$ 5,060	\$ 76	\$ 5,136
- Well Detail 2			2	8	12			16		38	\$ 5,060	\$ 76	\$ 5,136
- Fencing and Gate Details								2		2	\$ 240	\$ 4	\$ 244
- Discharge Structure and Rip Rap			2	8	12			16		38	\$ 5,060	\$ 76	\$ 5,136
- Electrical Legend and Abbreviations								2		2	\$ 240	\$ 4	\$ 244
- Electrical Site Plan for Well #1	1		6		12			10		29	\$ 4,070	\$ 61	\$ 4,131
- Electrical Site Plan for Well #2	1		6		12			10		29	\$ 4,070	\$ 61	\$ 4,131
- Single Line Diagram for Both Wells	1		6		8			8		23	\$ 3,330	\$ 50	\$ 3,380
- Schematic Diagram for Both Wells	1		6		8			8		23	\$ 3,330	\$ 50	\$ 3,380
- Electrical Details	1		8		8			10		27	\$ 3,930	\$ 59	\$ 3,989
Quality Control (3 Deliverables)	2	12								14	\$ 3,580	\$ 54	\$ 3,634
Meetings (Assume 3)				3						6	\$ 1,020	\$ 15	\$ 1,035
Project Management			3						6	9	\$ 990	\$ 15	\$ 1,005
Subtotal	9	12	68	73	192	-	-	170	8	532	\$ 74,530	\$ 1,120	\$ 75,650
Task 2 - Bidding Phase													
Print Contract Documents and Coordinate with Bidders					8				4	12	\$ 1,300	\$ 20	\$ 1,320
Review Bidder Requests for Information (RFI) (Assume 8)			2	4	8					14	\$ 2,000	\$ 30	\$ 2,030
Prepare Addenda (Assume 2)			2	4	8			8		22	\$ 2,960	\$ 44	\$ 3,004
Bid Opening, Prepare Bid Tabulation, and Provide Recommendation for Award			1		4					5	\$ 680	\$ 10	\$ 690
Subtotal	-	-	5	8	28	-	-	8	4	53	\$ 6,940	\$ 104	\$ 7,044
Task 3 - Construction Phase													
Preconstruction Meeting			1		2					3	\$ 430	\$ 6	\$ 436
Review RFIs (Assume 15)				8	15					23	\$ 3,155	\$ 47	\$ 3,202
Review Submittals (Assume 20)	4		8	8	40					60	\$ 8,880	\$ 133	\$ 9,013
Construction Observation (Assume 20 work days at 4 hours per day)					80					80	\$ 10,000	\$ 150	\$ 10,150
Prepare Progress Pay Estimates (Assume 8)				4	8					12	\$ 1,640	\$ 25	\$ 1,665

Project Budget

Old River Water Wells Project

Kern Delta Water District

Task Description	Personnel Hours										Budget		
	Specialty Principal	Principal	Senior II	Senior I	Associate	Assistant	CAD Supervisor	CAD Operator	Clerical	Total Hours	Labor	Non-Labor Fee	Total
Prepare As-Built Drawings					4			16		20	\$ 2,420	\$ 36	\$ 2,456
Subtotal	4	-	9	20	149	-	-	16	-	198	\$ 26,525	\$ 397	\$ 26,922
Total	13	12	82	101	369	-	-	194	12	783	\$ 107,995	\$ 1,621	\$ 109,616



Legend

- City Incorporated
- Roads**
 - Freeway
 - Highway
 - Major
 - Minor
 - Local
 - Ramp
 - Unpaved
- Parcels Land
- County Facilities

1:2,257



0.1 0 0.04 0.1 Miles

WGS_1984_Web_Mercator_Auxiliary_Sphere
© Latitude Geographics Group Ltd.

This map is a user generated static output from an Internet mapping site and is for general reference only. The County of Kern assumes no liability for damages, incurred by the user of this information, which occur directly or indirectly as a result of errors, omissions or discrepancies in the information.

Notes

Recording Requesting By:

KERN DELTA WATER DISTRICT

And When Recorded Mail To:

KERN DELTA WATER DISTRICT
501 TAFT HIGHWAY
BAKERSFIELD, CA 93307

(SPACE ABOVE THIS LINE FOR RECORDER'S USE)

A.P.N. 371-411-09

QUITCLAIM DEED

Documentary Transfer Tax \$ -0-

☐ compound on full value of property conveyed, or
☐ compound on full value less liens and encumbrances remaining at time
of Sale

For valuable consideration, receipt of which is hereby acknowledged, CAMP DEVELOPMENT, MICHAEL H. MASON, and THOMAS CAROSELLA hereinafter "GRANTORS", hereby releases and quitclaims to:

KERN DELTA WATER DISTRICT, a California Water District,

Certain real property located in the State of California, County of Kern, City of Bakersfield, described as Parcel 5 in the Grant Deed dated January 25, 1990, attached as Exhibit A, which is incorporated hereto by reference.

IN WITNESS WHEREOF, GRANTORS executed this Quitclaim Deed on August 16, 2023.

CAMP DEVELOPMENT

THOMAS CAROSELLA

by: _____
James Camp

by: _____
Thomas Carosella

MICHAEL H. MASON

by: _____
Michael H. Mason

ACKNOWLEDGMENT

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

State of California)
County of _____)

On _____, 2023, before me, _____,
Notary Public, personally appeared _____,
who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s)
is/are subscribed to the within instrument and acknowledged to me that he/she/they executed
the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the
instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the
instrument.

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

WITNESS my hand and official seal.

Signature _____ (Seal)

ACKNOWLEDGMENT

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

State of California)
County of _____)

On _____, 2023, before me, _____,
Notary Public, personally appeared _____,
who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s)
is/are subscribed to the within instrument and acknowledged to me that he/she/they executed
the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the
instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the
instrument.

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WITNESS my hand and official seal.

Signature _____ (Seal)

ACKNOWLEDGMENT

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State of California)
County of _____)

On _____, 2023, before me, _____,
Notary Public, personally appeared _____,
who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s)
is/are subscribed to the within instrument and acknowledged to me that he/she/they executed
the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the
instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the
instrument.

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

WITNESS my hand and official seal.

Signature _____ (Seal)

RECORDING REQUESTED BY
TRANSAMERICA TITLE INSURANCE CO.

EXHIBIT A

BOOK 6340 PAGE 2445

RECORDED BY
DALE S. STAD
KERN COUNTY, RECORDER

AND WHEN RECORDED MAIL TO

013027

1990 JUN 30 PM 1:30

DRS 9.00
HUEP 1.00
REFEE 1.00
TO REC'D 17.00
M330100 C001 R01 T15:27

Name
Street Address
City State Zip
MASON, CAROSELLA & CAMP
P.O. Box D
Shafter, CA 93263

MAIL TAX STATEMENTS TO

SPACE ABOVE THIS LINE FOR RECORDER'S USE

Name
Street Address
City State Zip
Same as above

Tax
Statement
Attached

DOCUMENTARY TRANSFER TAX \$
COMPUTED ON FULL VALUE OF PROPERTY CONVEYED,
OR COMPUTED ON FULL VALUE LESS LIENS AND
ENCUMBRANCES REMAINING AT TIME OF SALE.
Signature of Declarant or Agent determining tax. Firm Name

GRANT DEED
(CORPORATION)

APNS 161-010-41-00-6
105-291-01-05-04 & 05,
161-421-01-07, 09-12, 15, 22,
24, 25-27, etc.
(Escrow No. 436997-M1)

By this instrument dated January 25, 1990, for a valuable consideration,

HOMESTEAD LAND DEVELOPMENT COMPANY, a California corporation,

hereby GRANTS to

Michael H. Mason, a married man as his sole and separate property as to an undivided 20% interest,
Thomas Carosella, a married man as his sole and separate property as to an undivided 20% interest,
and Camp Development, a California Corporation as to an undivided 60% interest, Doing business as
Mason, Carosella & Camp, a California Joint Venture.
the following described Real Property in the State of California, County of KERN

City of Bakersfield

FOR DESCRIPTION, SEE EXHIBIT "A" ATTACHED HERETO AND MADE A PART HEREOF.

***APNS CONTINUED: 161-422-02-05, 161-423-01-03, 161-431-02-008, 161-431-12-17; 161-433-01,
161-433-03; 161-433-05-08; 161-433-11; 405-273-01 7 02; 405-295-01-07; 405-294-01-10;
405-294-09; 405-294-01-08; 405-293-01 -10; 405-291-01 - 26; 405-292-01 - 02; 405-321-01 - 36;
405-322-01 - 08; 370-020-56; 105-170-15 & 24; 371-411-09; and 105-070-48.

HOMESTEAD LAND DEVELOPMENT COMPANY,
a California Corporation

BY:

BY:

STATE OF CALIFORNIA

COUNTY OF San Mateo

Executive Vice President

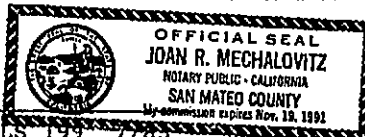
On January 26, 1990, before me, the undersigned, a Notary Public in and for said

SS. County and State, personally appeared Jerry A. Finch

and known to me to be the

and respectively of the Corporation

that executed the within instrument on behalf of the Corporation therein named, and acknowledged to me that such Corporation executed the same.



Notary's Signature Joan R. Mechalovitz

MAIL TAX STATEMENTS AS DIRECTED ABOVE

EXHIBIT "A"

page 1

PARCEL 1:

LOTS 48 AND 49 IN TRACT NO. 4734, UNIT 1 IN THE CITY OF BAKERSFIELD, COUNTY OF KERN, STATE OF CALIFORNIA, AS PER MAP FILED JULY 3, 1985 IN BOOK 34 PAGE 111 AND 112 OF MAPS, IN THE OFFICE OF THE COUNTY RECORDER OF SAID COUNTY.

EXCEPT ALL OIL, GAS AND OTHER MINERALS CONTAINED WITHIN SAID LAND, WHETHER NOW KNOWN TO EXIST OR HEREAFTER DISCOVERED, RESERVED BY KERN COUNTY LAND COMPANY, A CALIFORNIA CORPORATION, IN DEED RECORDED AUGUST 9, 1955 IN BOOK 2470 PAGE 552 OF OFFICIAL RECORDS.

TENNECO WEST, INC., A DELAWARE CORPORATION, SUCCESSORS TO KERN COUNTY LAND COMPANY, WAIVED ITS RIGHT OF SURFACE ACCESS FOR OIL, GAS AND OTHER MINERALS DRILLING, EXPLORATION AND DEVELOPMENT FROM THE SURFACE TO A DEPTH OF 500 FEET BELOW THE SURFACE OF THE GROUND ON THAT LAND, BY INSTRUMENT RECORDED APRIL 16, 1984 IN BOOK 5649 PAGE 1902, OF OFFICIAL RECORDS.

PARCEL 2:

LOTS 1 THRU 55 TRACT 4734 UNIT 3, IN THE CITY BAKERSFIELD, COUNTY OF KERN, STATE OF CALIFORNIA AS PER MAP RECORDED JULY 19, 1985 IN BOOK 34, PAGES 131 AND 132 OF MAPS, IN THE OFFICE OF THE COUNTY RECORDER OF SAID COUNTY.

EXCEPT ALL OIL, GAS AND OTHER MINERALS CONTAINED WITHIN SAID LAND, WHETHER NOW KNOWN TO EXIST OR HEREAFTER DISCOVERED, RESERVED BY KERN COUNTY LAND COMPANY, A CALIFORNIA CORPORATION, IN DEED RECORDED AUGUST 9, 1955 IN BOOK 2470 PAGE 552 OF OFFICIAL RECORDS.

TENNECO WEST, INC., A DELAWARE CORPORATION, SUCCESSORS TO KERN COUNTY LAND COMPANY, WAIVED ITS RIGHTS OF SURFACE ACCESS FOR OIL, GAS AND OTHER MINERALS DRILLING, EXPLORATION AND DEVELOPMENT FROM THE SURFACE TO A DEPTH OF 500 FEET BELOW THE SURFACE OF THE GROUND ON THAT LAND, BY INSTRUMENT RECORDED APRIL 16, 1984 IN BOOK 5649 PAGE 1902, OF OFFICIAL RECORDS.

PARCEL 3:

LOTS 1 THRU 44 TRACT 4734 UNIT 4, IN THE CITY OF BAKERSFIELD, COUNTY OF KERN, STATE OF CALIFORNIA AS PER MAP RECORDED APRIL 17, 1987 IN BOOK 36, PAGE 12 AND 13 OF MAPS, IN THE OFFICE OF THE COUNTY RECORDER OF SAID COUNTY.

EXCEPT ALL OIL, GAS AND OTHER MINERALS CONTAINED WITHIN SAID LAND, WHETHER NOW KNOWN TO EXIST OR HEREAFTER DISCOVERED, RESERVED BY KERN COUNTY LAND COMPANY, A CALIFORNIA CORPORATION, IN DEED RECORDED AUGUST 9, 1955 IN BOOK 2470 PAGE 552 OF OFFICIAL RECORDS.

TENNECO WEST, INC., A DELAWARE CORPORATION, SUCCESSORS TO KERN COUNTY LAND COMPANY, WAIVED ITS RIGHTS OF SURFACE ACCESS FOR OIL, GAS AND OTHER MINERALS DRILLING, EXPLORATION AND DEVELOPMENT FROM THE SURFACE TO A DEPTH OF 500 FEET BELOW THE SURFACE OF THE GROUND ON THAT LAND, BY INSTRUMENT RECORDED APRIL 16, 1984 IN BOOK 5649 PAGE 1902, OF OFFICIAL RECORDS.

EXHIBIT "A"

page 2

PARCEL 4:

THAT PORTION OF THE WEST HALF OF THE WEST HALF OF SECTION 22, TOWNSHIP 30 SOUTH, RANGE 27 EAST, MOUNT DIABLO MERIDIAN, IN THE CITY OF BAKERSFIELD, THE COUNTY OF KERN, STATE OF CALIFORNIA, ACCORDING TO THE OFFICIAL PLAT THEREOF DESCRIBED AS FOLLOWS:

COMMENCING AT THE NORTHWEST CORNER OF SAID SECTION 22, ALSO BEING THE NORTHEAST CORNER OF SECTION 21, BEING THE POINT OF BEGINNING;

THENCE (1) SOUTH 0° 48' 12" WEST, 1326.03 FEET, TO THE TRUE POINT OF BEGINNING; THENCE (2) SOUTH 89° 00' 46" EAST, 1325.21 FEET; THENCE (3) SOUTH 0° 45' 19" WEST, 3823.66 FEET TO A POINT ON A NON-TANGENT CURVE WITH A RADIAL BEING NORTH 10° 17' 45" EAST THROUGH SAID POINT; THENCE (4) WESTERLY ALONG SAID CURVE CONCAVE TO THE NORTH HAVING A RADIUS OF 185.00 FEET, THROUGH A CENTRAL ANGLE OF 55° 53' 52", WITH AN ARC LENGTH OF 180.49 FEET TO A POINT ON A TANGENT LINE WITH A RADIAL BEARING NORTH 66° 11' 37" EAST, THROUGH SAID POINT; THENCE (5) NORTH 23° 48' 23" WEST, 2621.07 FEET; THENCE (6) NORTH 66° 11' 37" EAST, 20.00 FEET; THENCE (7) NORTH 23° 48' 23" WEST, 282.02 FEET; THENCE (8) NORTH 0° 48' 12" EAST, 1074.86 FEET TO THE TRUE POINT OF BEGINNING

EXCEPT THAT PORTION WITHIN THE ARVIN-EDISON CANAL AS DESCRIBED IN THAT CERTAIN FIRST AMENDED FINAL ORDER OF CONDEMNATION RECORDED DECEMBER 1, 1966 IN BOOK 4000 PAGE 17, OFFICIAL RECORDS.

ALSO EXCEPT ALL OIL, GAS AND OTHER HYDROCARBONS AND ALL OTHER MINERALS OF WHATEVER KIND OR CHARACTER (ALL HEREIN COLLECTIVELY CALLED "MINERALS"), WHETHER NOW KNOWN TO EXIST OR HEREAFTER DISCOVERED (IT BEING INTENDED THAT THE WORD "MINERALS" AS USED HEREIN SHALL BE DEFINED IN THE BROADEST SENSE OF THE WORD AND SHALL INCLUDE, BUT NOT BE LIMITED TO, OIL, GAS, OTHER HYDROCARBONS AND ALL OTHER MINERAL SUBSTANCES AND PRODUCTS, BOTH METALLIC AND NON-METALLIC, SOLID, LIQUID, OR GASEOUS), WHICH ARE UPON, IN, UNDER, OR MAY BE PRODUCED FROM SAID REAL PROPERTY; ALL SALT WATER WHICH IS IN, UNDER OR MAY BE PRODUCED FROM SAID REAL PROPERTY; THE EXCLUSIVE RIGHT, BY WHATEVER METHODS NOW OR HEREAFTER KNOWN, AS GRANTOR OR ITS SUCCESSORS OR ASSIGNS MAY DEEM ADVISABLE, TO PROSPECT FOR, INVESTIGATE FOR, EXPLORE, FOR, DRILL FOR, PRODUCE, MINE, EXTRACT, REMOVE AND REDUCE TO POSSESSION AND OWNERSHIP, ALL SUCH MINERALS AND SALT WATER WHICH ARE UPON, IN, UNDER OR MAY BE PRODUCED FROM SAID REAL PROPERTY; THE EXCLUSIVE RIGHT TO DRILL INTO AND THROUGH SAID REAL PROPERTY TO EXPLORE FOR AND THEREAFTER PRODUCE AND EXTRACT MINERALS WHICH MAY BE PRODUCED FROM ADJACENT REAL PROPERTY; THE RIGHT TO LAY, CONSTRUCT, ERECT AND PLACE UPON AND IN SAID REAL PROPERTY; AND USE, MAINTAIN AND OPERATE THEREON AND THEREAFTER REMOVE, ALL BUILDINGS, TANKS, PRESSURE PLANTS AND OTHER MACHINERY, FIXTURES AND EQUIPMENT, PIPELINES, TELEPHONE LINES, ELECTRIC POWER LINES, ROADS, POWER HOUSES AND OTHER STRUCTURES AND FACILITIES AS GRANTOR OR ITS SUCCESSORS OR ASSIGNS MAY DEEM ADVISABLE, FOR THE EXERCISE AND ENJOYMENT OF THE RIGHTS HEREIN EXCEPTED AND RESERVED; THE EXCLUSIVE RIGHT TO TREAT, PROCESS (BUT NOT REFINER), STORE UPON AND REMOVE FROM SAID REAL PROPERTY SUCH MINERALS AND SALT WATER; THE EXCLUSIVE RIGHT TO PRODUCE AND EXTRACT SUCH MINERALS BY REPRESSURING THE SUB-SURFACE SANDS AND STRATA WITH FLUIDS OR GASES OR BY SUCH OTHER METHOD OR METHODS AS GRANTOR OR ITS SUCCESSORS OR ITS ASSIGNS MAY DEEM ADVISABLE, AND TO INJECT IN AND STORE AND THEREAFTER REMOVE SUCH FLUIDS AND GASES, WHETHER NOR NOT INDIGENOUS TO SAID REAL PROPERTY THE RIGHT AT ALL TIMES, WITHOUT CHARGE, TO INVESTIGATE FOR, EXPLORE FOR, DRILL FOR, PRODUCE, REMOVE AND REDUCE TO POSSESSION AND OWNERSHIP THOSE QUANTITIES OF FRESH WATER FROM AQUIFERS UNDERLYING SAID REAL PROPERTY DEEMED NECESSARY BY GRANTOR OR ITS SUCCESSORS OR ASSIGNS TO USE IN PROSPECTING, EXPLORING, DRILLING, MINING, PRODUCING, EXTRACTING AND REMOVING (INCLUDING, BUT NOT LIMITED TO, USE IN UNIT OPERATIONS, WATERFLOOD, THERMAL, OR OTHER SECONDARY RECOVERY METHODS NOW OR HEREAFTER KNOWN), OR OTHER OPERATIONS IN CONNECTION WITH THE FULL ENJOYMENT AND EXERCISE OF THE RIGHTS HEREIN EXCEPTED AND RESERVED; THE RIGHT TO EXERCISE ALL RIGHTS HEREIN EXCEPTED AND RESERVED AND

ANY AND ALL OTHER RIGHTS UPON SAID REAL PROPERTY AS GRANTOR OR ITS SUCCESSORS OR ASSIGNS DEEMS NECESSARY, INCIDENTAL TO OR CONVENIENT, WHETHER ALONE OR CO-JOINTLY WITH NEIGHBORING LANDS, IN EXPLORING FOR, PRODUCING AND EXTRACTING THE MINERALS AND SALT WATER HEREIN EXCEPTED AND RESERVED; AND THE UNLIMITED AND UNRESTRICTED RIGHTS OF ACCESS TO SAID MINERALS AND SALT WATER AND OF INGRESS AND EGRESS TO AND FROM, OVER AND ACROSS SAID REAL PROPERTY FOR ALL PURPOSES DEEMED ADVISABLE BY GRANTOR OR ITS SUCCESSORS OR ASSIGNS IN THE EXERCISE OF THE RIGHTS EXCEPTED AND RESERVED HEREIN, PROVIDED, HOWEVER, THAT GRANTOR, OR ITS SUCCESSORS AND ASSIGNS, UPON BEING PROVIDED PROOF THEREOF, SHALL COMPENSATE GRANTEE OR ITS SUCCESSORS AND ASSIGNS FOR ANY AND ALL ACTUAL DAMAGE TO IMPROVEMENTS AND GROWING CROPS UPON SAID REAL PROPERTY WHICH IS CAUSED BY THE EXERCISE OF THE RIGHT EXCEPTED AND RESERVED HEREIN, AS EXCEPTED AND RESERVED BY TENNECO WEST, INC., A DELAWARE CORPORATION, IN DEED RECORDED MARCH 14, 1975, IN BOOK 4886, PAGE 1122 OF OFFICIAL RECORDS.

BY WAIVER OF SURFACE ACCESS FOR VALUABLE CONSIDERATION, THE RECEIPT AND SUFFICIENCY OF WHICH IS HEREBY ACKNOWLEDGED, TENNECO WEST, INC., A DELAWARE CORPORATION, DOES HEREBY WAIVE FOREVER FOR THE BENEFIT OF HOMESTEAD LAND DEVELOPMENT CORPORATION, A CALIFORNIA CORPORATION, AND ITS SUCCESSORS AND ASSIGNS, ALL OF ITS RIGHT OF SURFACE ACCESS FOR OIL, GAS AND OTHER MINERALS DRILLING, EXPLORATION AND DEVELOPMENT, FROM THE SURFACE OF THE GROUND TO A DEPTH OF FIVE HUNDRED FEET (500') BELOW THE SURFACE OF THE GROUND DATED DECEMBER 15, 1986, RECORDED DECEMBER 15, 1986 IN BOOK 5948, PAGE 20 OF OFFICIAL RECORDS.

And Re-recorded, Official Records: JANUARY 28, 1987
Book/Real : 5963
Page/Image : 1914
Series/Instrument No. : 010165

PARCEL 5:

LOT 24 OF TRACT 4642, IN THE CITY OF BAKERSFIELD, COUNTY OF KERN, STATE OF CALIFORNIA, AS PER MAP RECORDED APRIL 2, 1984 IN BOOK 33, PAGE 61 OF MAPS, IN THE OFFICE OF THE COUNTY RECORDER OF SAID COUNTY, AND CORRECTED BY CERTIFICATE OF CORRECTION RECORDED JUNE 8, 1984 IN BOOK 5664 PAGE 2407 OF OFFICIAL RECORDS.

EXCEPTING THEREFROM ALL OIL, GAS, PETROLEUM, OTHER HYDROCARBON SUBSTANCES AND OTHER MINERALS WITHIN OR UNDERLYING SAID LAND, OR THAT MAY BE PRODUCED AND SAVED THEREFROM, TOGETHER WITH THE RIGHT OF INGRESS AND EGRESS TO PROSPECT FOR, MINE AND REMOVE THE SAME, AS RESERVED IN DEED DATED DECEMBER 14, 1950 FROM AGNES A. VILLARD, RECORDED JANUARY 16, 1951 IN BOOK 1763, PAGE 145, OF OFFICIAL RECORDS.

EXHIBIT "A"

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PARCEL 6:

LOTS 1 THRU 15 INCLUSIVE, 17 THRU 20 INCLUSIVE, 23, 28, 29, 31 THRU 34 INCLUSIVE, LOT 98 AND 104 THRU 110 INCLUSIVE, 112, 114 THRU 119 INCLUSIVE 123 THRU 126 INCLUSIVE AND 130 OF TRACT NO. 4708, IN THE CITY OF BAKERSFIELD, COUNTY OF KERN, STATE OF CALIFORNIA, AS PER MAP RECORDED APRIL 13, 1987 IN BOOK 36 PAGES 9, 10 AND 11 OF MAPS, IN THE OFFICE OF THE COUNTY RECORDER OF SAID COUNTY.

EXCEPTING THEREFROM ALL OIL, GAS AND OTHER HYDROCARBON SUBSTANCES AND MINERALS IN AND UNDER SAID LAND.

PARCEL 7:

LOTS 1 THRU 96 OF TRACT 4709, IN THE CITY OF BAKERSFIELD, COUNTY OF KERN, STATE OF CALIFORNIA, AS PER MAP RECORDED APRIL 12, 1988 IN BOOK 37 PAGE 30 OF MAPS IN THE OFFICE OF THE COUNTY RECORDER OF SAID COUNTY.

EXCEPTING THEREFROM ALL OIL, GAS AND OTHER HYDROCARBON SUBSTANCES AND MINERALS IN AND UNDER SAID LAND.

PARCEL 8:

LOTS 1, 5, 6, 7, 39 AND 40 OF TRACT NO. 4718, IN THE UNINCORPORATED AREA, COUNTY OF KERN, STATE OF CALIFORNIA, AS PER MAP FILED SEPTEMBER 12, 1985 IN BOOK 34 PAGES 163 AND 164, OF MAPS, IN THE OFFICE OF THE COUNTY RECORDER OF KERN COUNTY.

EXCEPTING THEREFROM ALL OIL, GAS, MINERAL, PETROLEUM AND OTHER HYDROCARBON SUBSTANCES IN AND UNDER SAID LAND, AS RESERVED IN DEED RECORDED NOVEMBER 8, 1955 IN BOOK 2513 PAGE 223, OF OFFICIAL RECORDS, AND AS CONVEYED IN DEED RECORDED OCTOBER 15, 1975 IN BOOK 4919 PAGE 1073, OF OFFICIAL RECORDS.

BY QUITCLAIM DEED RECORDED OCTOBER 15, 1975 IN BOOK 4919 PAGE 1075, OF OFFICIAL RECORDS, ALL RIGHT OF ENTRY ON THE SURFACE OF SAID LAND AND THE SUBSURFACE THERETO, TO A DEPTH OF 500 FEET FOR THE PURPOSE OF DRILLING, MINING, EXPLORING, AND EXCAVATING FOR ALL OIL, GAS, MINERALS, PETROLEUM, AND OTHER HYDROCARBON SUBSTANCES THEREIN AND THEREUNDER WERE RELINQUISHED.

PARCEL 9:

PARCELS 1 AND 11, IN THE UNINCORPORATED AREA, COUNTY OF KERN, STATE OF CALIFORNIA, AS SHOWN ON PARCEL MAP NO. 2731, FILED JANUARY 5, 1976 IN BOOK 15 PAGE 16 OF PARCEL MAPS, IN THE OFFICE OF THE COUNTY RECORDER OF SAID COUNTY.

EXCEPT THEREFROM AN UNDIVIDED ONE-HALF INTEREST IN AND TO ALL OF THE MINERALS, GAS, AND OIL NOW EXISTING IN OR THAT MAY HEREAFTER BE FOUND IN SAID LAND, AS RESERVED BY PACIFIC COAST JOINT STOCK LAND BANK OF SAN FRANCISCO, BY DEED RECORDED JANUARY 21, 1935 IN BOOK 555 PAGE 261 OF OFFICIAL RECORDS.

EXHIBIT "A"

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ALSO EXCEPT THEREFROM AN UNDIVIDED ONE-HALF INTEREST IN AND TO ALL OIL, GAS, MINERALS, PETROLEUM AND OTHER HYDROCARBON SUBSTANCES IN AND UNDER SAID LAND AS CONVEYED TO OMAHA NATIONAL BANK AND VANTINE A. JAMES, AS TRUSTEE OF THE NEAL TRUST, BY DEED RECORDED OCTOBER 15, 1975 IN BOOK 4919 PAGE 1073 OF OFFICIAL RECORDS.

ALL RIGHT OF ENTRY ON THE SURFACE OF SAID LAND AND THE SUBSURFACE THEREOF TO A DEPTH OF 500 FEET, FOR THE PURPOSE OF DRILLING, MINING, EXPLORING AND EXCAVATING FOR ALL OIL, GAS, MINERALS, PETROLEUM AND OTHER HYDROCARBON SUBSTANCES THEREIN AND THEREUNDER HAVE BEEN QUITCLAIMED TO LLOYD R. LEWIS AND SHIRLEY A. LEWIS, BY DEED RECORDED OCTOBER 15, 1975 IN BOOK 4919 PAGE 1075 OF OFFICIAL RECORDS.

PARCEL 10:

LOTS 17, 18, 19, 20, 21, 22, 23, 26, 27, 28, 29, 30, 31 & 32 OF SALES MAP OF LANDS OF KERN COUNTY LAND COMPANY IN THE SOUTH ONE HALF OF SECTION 13, TOWNSHIP 29 SOUTH, RANGE 26 EAST, M.D.M., COUNTY OF KERN, STATE OF CALIFORNIA AS SAID LOTS ARE SHOWN ON MAP FILED NOVEMBER 24, 1891 IN THE OFFICE OF THE KERN COUNTY RECORDER, EXCEPT THAT PORTION LYING WITHIN COUNTY ROAD NO. 368 (JEWETTA AVE.), COUNTY ROAD NO. 715 (NORIEGA ROAD) AND COUNTY ROAD NO. 522 (HAGEMAN ROAD).

ALSO EXCEPTING THEREFROM THAT PORTION OF SAID LOT 26, 27 & 28 LYING SOUTHERLY OF THE NORTHERLY LINE OF PROPOSED COUNTY ROAD NO. 3264 (HAGEMAN ROAD), SAID NORTHERLY LINE BEING DESCRIBED AS FOLLOWS:

COMMENCING AT THE SOUTHWEST CORNER OF SAID SECTION 13;

THENCE (1) SOUTH 89° 11' 15" EAST, ALONG THE SOUTH LINE OF SAID SECTION 2399.14 FEET;

THENCE (2) NORTH 0° 48' 45" EAST, 30 FEET TO THE TRUE POINT OF BEGINNING, SAID POINT BEING THE BEGINNING OF A NON-TANGENT CURVE, CONCAVE TO THE NORTHEAST WITH A RADIUS OF 1370 FEET, THE CENTER OF WHICH BEARS NORTH 0° 48' 45" EAST;

THENCE (3) NORTHWESTERLY ALONG SAID CURVE, THROUGH A CENTRAL ANGLE OF 38° 49' 11", AN ARC LENGTH OF 928.22 FEET TO A POINT OF REVERSE CURVE, CONCAVE TO THE SOUTHWEST, HAVING A RADIUS OF 1430 FEET, THE CENTER OF WHICH BEARS SOUTH 39° 37' 56" WEST;

THENCE (4) WESTERLY ALONG SAID CURVE, THROUGH A CENTRAL ANGLE OF 38° 46' 26", AN ARC LENGTH OF 967.73 FEET TO A POINT ON THE WEST LINE OF SAID LOT 26.

EXCEPTING AND RESERVING TO GRANTOR, ITS SUCCESSORS AND ASSIGNS FOREVER; ALL OIL, GAS AND OTHER HYDROCARBONS, AND ALL OTHER MINERALS OF WHATEVER KIND OR CHARACTER (ALL HEREIN COLLECTIVELY CALLED "MINERALS"), WHETHER NOW KNOWN TO EXIST OR HEREAFTER DISCOVERED (IT BEING INTENDED THAT THE WORD "MINERALS" AS USED HEREIN SHALL BE DEFINED IN THE BROADEST SENSE OF THE WORD AND SHALL INCLUDE, BUT NOT BE LIMITED TO, OIL, GAS, OTHER HYDROCARBONS, SAND, GRAVEL, STONE, PUMICE, PUMICITE, CINDERS, CLAY, AND ALL OTHER COMMON MATERIALS, AND ALL OTHER MINERAL SUBSTANCES AND PRODUCTS, BOTH METALLIC AND NONMETALLIC, SOLID, LIQUID OR GASEDUS), WHICH ARE UPON, IN, UNDER OR MAY BE PRODUCED FROM SAID REAL PROPERTY; ALL SALT WATER, BRINES AND GEOTHERMAL RESOURCES, IN, UNDER OR MAY BE PRODUCED FROM SAID REAL PROPERTY; THE EXCLUSIVE RIGHT, BY WHATEVER METHODS NOW OR HEREAFTER KNOWN, AS GRANTOR OR ITS SUCCESSORS OR ASSIGNS MAY DEEM ADVISABLE, TO PROSPECT FOR, INVESTIGATE FOR EXPLORE FOR, DRILL FOR, PRODUCE, MINE, EXTRACT, REMOVE AND REDUCE TO POSSESSION AND OWNERSHIP, ALL SUCH MINERALS, SALT WATER, BRINES AND GEOTHERMAL RESOURCES WHICH ARE UPON, IN UNDER OR MAY BE PRODUCED FROM SAID REAL PROPERTY; THE EXCLUSIVE RIGHT TO DRILL INTO AND THROUGH SAID REAL PROPERTY TO EXPLORE FOR AND THEREAFTER PRODUCE

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AND EXTRACT MINERALS, SALT WATER, BRINES AND GEOTHERMAL RESOURCES WHICH MAY BE PRODUCED FROM ADJACENT PROPERTY; THE RIGHT TO LAY, CONSTRUCT, ERECT AND PLACE UPON AND IN SAID REAL PROPERTY; AND USE, MAINTAIN AND OPERATE THEREON AND THEREAFTER REMOVE, ALL BUILDINGS, TANKS, PLANTS, MACHINERY, FIXTURES, EQUIPMENT, PIPELINES, TELEPHONE LINES, ELECTRIC POWER LINES, ROADS, POWER HOUSES AND OTHER STRUCTURES AND FACILITIES AS GRANTOR OR ITS SUCCESSORS OR ASSIGNS MAY DEEM ADVISABLE, FOR THE EXERCISE AND ENJOYMENT OF THE RIGHTS HEREIN EXCEPTED AND RESERVED THE EXCLUSIVE RIGHT TO TREAT, PROCESS, (BUT NOT REFINES), STORE UPON AND REMOVE FROM SAID REAL PROPERTY SUCH MINERALS, SALT WATER, BRINES AND GEOTHERMAL RESOURCES; THE EXCLUSIVE RIGHT TO PRODUCE AND EXTRACT SUCH MINERALS BY REPRESSURING THE SUBSURFACE SANDS AND STRATA WITH FLUIDS OR GASES OR BY SUCH OTHER METHOD OR METHODS AS GRANTOR OR ITS SUCCESSORS OR ASSIGNS MAY DEEM ADVISABLE, AND TO INJECT IN AND STORE AND THEREAFTER REMOVE SUCH FLUIDS AND GASES, WHETHER OR NOT INDIGENOUS TO SAID REAL PROPERTY; THE RIGHT AT ALL TIMES, WITHOUT CHARGE, TO INVESTIGATE FOR EXPLORE FOR, DRILL FOR, PRODUCE, REMOVE AND REDUCE TO POSSESSION AND OWNERSHIP, THOSE QUANTITIES OF FRESH WATER FROM AQUIFERS UNDERLYING SAID REAL PROPERTY DEEMED NECESSARY BY GRANTOR OR ITS SUCCESSORS OR ASSIGNS TO USE IN PROSPECTING, EXPLORING, DRILLING, MINING, PRODUCING, EXTRACTING AND REMOVING (INCLUDING, BUT NOT LIMITED TO, USE IN UNIT OPERATIONS, WATERFLOOD, THERMAL, OR OTHER SECONDARY RECOVERY METHODS NOW OR HEREAFTER KNOWN), OR OTHER OPERATIONS IN CONNECTION WITH THE FULL ENJOYMENT AND EXERCISE OF THE RIGHTS HEREIN EXCEPTED AND RESERVED AND ANY AND ALL OTHER RIGHTS UPON SAID REAL PROPERTY AS GRANTOR OR ITS SUCCESSORS OR ASSIGNS DEEMS NECESSARY, INCIDENTAL TO, OR CONVENIENT, WHETHER ALONE OR COJOINTLY WITH NEIGHBORING LANDS, IN EXPLORING FOR, PRODUCING AND EXTRACTING THE MINERALS, SALT WATER, BRINES AND GEOTHERMAL RESOURCES HEREIN EXCEPTED AND RESERVED; AND THE UNLIMITED AND UNRESTRICTED RIGHTS OF ACCESS TO SAID MINERALS, SALT WATER, BRINES AND GEOTHERMAL RESOURCES AND OF INGRESS AND EGRESS TO AND FROM, OVER AND ACROSS SAID REAL PROPERTY FOR ALL PURPOSES DEEMED ADVISABLE BY GRANTOR OR ITS SUCCESSORS OR ASSIGNS IN THE EXERCISE OF THE RIGHTS EXCEPTED AND RESERVED HEREIN, PROVIDED, HOWEVER, THAT GRANTOR, OR ITS SUCCESSORS AND ASSIGNS, UPON BEING PROVIDED PROOF THEREOF, SHALL COMPENSATE GRANTEE OR ITS SUCCESSORS AND ASSIGNS FOR ANY AND ALL ACTUAL DAMAGE TO IMPROVEMENTS AND GROWING CROPS UPON SAID REAL PROPERTY WHICH IS CAUSED BY THE EXERCISE OF THE RIGHTS EXCEPTED AND RESERVED HEREIN.

CERTIFICATE OF ACCEPTANCE
(Government Code Section 27281)

THIS IS TO CERTIFY that the interest in real property conveyed by the within document is hereby accepted by the undersigned on behalf of Kern Delta Water District, pursuant to authority conferred by resolution (2020-04) of the Board of Directors of Kern Delta Water District, and grantee consents to recordation thereof by its duly authorized agent or officer.

Dated: _____, 2020

By: _____
Steven L. Teglia, General Manager
Kern Delta Water District

Tab V



KERN DELTA WATER DISTRICT

August 10, 2023

	8/10/2023	Last Year
KERN RIVER 3 DAY MEAN INFLOW	1,801 CFS	389 CFS
KERN RIVER MEAN OUTFLOW	3,584 CFS	353 CFS
ISABELLA RESERVOIR STORAGE	514,917 ACFT	48,883 ACFT
REQUESTED OUTFLOW	3,510 CFS	365 CFS

Estimated: (CFS)

KDWD DAILY DIVERTED: (AUGUST 10, 2023)	@HEAD	STATE	XCHNG	BANKING
KERN ISLAND	381	0	0	118
EASTSIDE	51	0	0	8
BUENA VISTA -LEVEE	135	0	0	23
STINE	160	0	0	143
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
EASTSIDE / A.E. Intertie	36	0	36	0
Total CFS	763	0	0	292

Estimated: (Acre Feet)

DIVERTED (JULY 2023)	UTILITY	STATE	PURCHASE	BANKING
KERN ISLAND	14,176	0	1,036	8,848
EASTSIDE	3,517	0	232	3,042
C.O.B. Misc.	0	0	0	0
BUENA VISTA	3,116	0	22	3,211
STINE	3,564	0	420	4,231
FARMERS	1,964	0	16	1,377
SOUTH FORK	0	0	0	0
West Side State Sale	0	0	0	0
MONTHLY TOTAL	26,337	0	1,726	20,709
YEAR TO JULY 31, 2023	164,946 ACFT	19,508	1,726	26,789
Year to July 31, 2023 Utility - State - Banking	212,969 ACFT			

ACFT. STORAGE BALANCE AS OF:	7/31/2023	Estimate 8/10/2023	Max Storage
KERN ISLAND	4,136	5,165	2,500
BUENA VISTA	2,467	2,723	2,000
STINE	2,105	2,479	1,500
FARMERS	1,454	1,638	2,500
STATE (21 & 22) Carryover	0	0	N/A
STATE (23) Contract	6,000	6,000	N/A
RRBWS STORAGE	18,805	18,805	N/A
PIONEER PROJECT STORAGE	28,071	28,071	N/A
TOTAL ACFT.	63,038	64,881	

K.D.W.D. CLIMATOLOGICAL OBSERVATION:

<u>71</u>	MINIMUM TEMPERATURE	<u>62</u>
<u>99</u>	MAXIMUM TEMPERATURE	<u>91</u>
<u>76</u>	PRESENT TEMPERATURE	<u>74</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>10.24</u>	YEAR TO DATE PRECIP.	<u>19.06</u> Seasonal

ISABELLA CLIMATOLOGICAL OBSERVATION:ISABELLA RESEVOIR:

LAKE ELEVATION (FT.)	2,600.75	JULY AC. FT. INFLOW	301,166
STORAGE ACFT.	514,917	JULY AC. FT. OUTFLOW	241,852
STORAGE CAPACITY	568,075	ACCUMULATIVE ACFT. INFLOW (22-23)	2,128,753
% OF CAPACITY	91%	ACCUMULATIVE ACFT. OUTFLOW	1,593,989
COE STORAGE CAPACITY	360,000	% OF COE CAPACITY	143%

Summary of Utility Water Diverted Year to Date: 7/31/2023

	Utility	North Kern*	Other Exchanges
January	15,340	2,000	0
February	12,500	0	0
March	12,686	5,000	0
April	27,733	2,500	0
May	31,688	5,000	0
June	38,662	0	0
July	26,337	5,500	0
August			
September			
October			
November			
December			
Total	164,946	20,000	0

Summary of Other Water Diverted Year to Date: 7/31/2023

	State	Purchase	Banking
January	0	0	0
February	0	0	756
March	0	0	0
April	2,188	0	603
May	11,683	0	2,174
June	5,637	0	2,547
July	0	1,726	20,709
August			
September			
October			
November			
December			
Total	19,508	1,726	26,789

Water owed to K.D.W.D as of: 7/31/2023

B.V.W.S.D. 2021 State Balance*:	1,275
B.V.W.S.D. 2022 State Balance*:	1,275
2023 State Contract: Table A	25,500
2022 Westlands Mitigation	8

Summary of Total State Water Used Year to Date: 7/31/2023

	(OWED)	(USED)
2023 Contract	6,000	19,508
Total	6,000	19,508

Quantities in acft. TOTAL 28,058

Net Owed to KDWD

TOTAL 25,508

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

DISTRICT BANKING OPERATIONS

Thursday, August 10, 2023

KERN ISLAND PROJECTS

Branch 1:	-	CFS
Kern Island Met:	-	CFS
Other:	-	CFS
Total:	-	CFS

BUENA VISTA PROJECTS

BV North Basins:	-	CFS
Buena Vista I5:	-	CFS
Other:	-	CFS
Total:	-	CFS

FARMERS PROJECTS

Romero:	-	CFS
Stonefield:	6.0	CFS
Church:	-	CFS
Other:	-	CFS
Total:	6.0	CFS

EASTSIDE PROJECTS

Digiorgio:	-	CFS
Sunset:	15.0	CFS*
Other:	-	CFS
Total:	15.0	CFS

STINE PROJECTS

Old River:	26.0	CFS
Bladder & Triangles:	-	CFS
Other:	-	CFS
Total:	26.0	CFS

BANKING SUPPLIES

KDWD Utility:	32.00	CFS
AEWSD Project:	15.0	CFS*
Other:	-	CFS
Total In District:	47.0	CFS

Estimated: (Acre Feet)

<i>DIVERTED FOR BANKING (JULY 2023)</i>	<i>UTILITY</i>	<i>STATE</i>	<i>PURCHASE</i>	<i>OPERATIONAL</i>	
				<i>BANKING</i>	<i>RECHARGE</i>
KERN ISLAND	0	0	206	0	7,012
EASTSIDE	0	0	107	657	1,877
BUENA VISTA	0	0	22	0	1,293
STINE	0	0	421	0	3,054
FARMERS	0	0	16	0	667
MONTHLY TOTAL	0	0	772	657	13,903
YEAR TO JULY 31, 2023	28,481 ACFT	13,723	772	2,198	60,389
Year to July 31, 2023 All Supplies	105,563 ACFT				

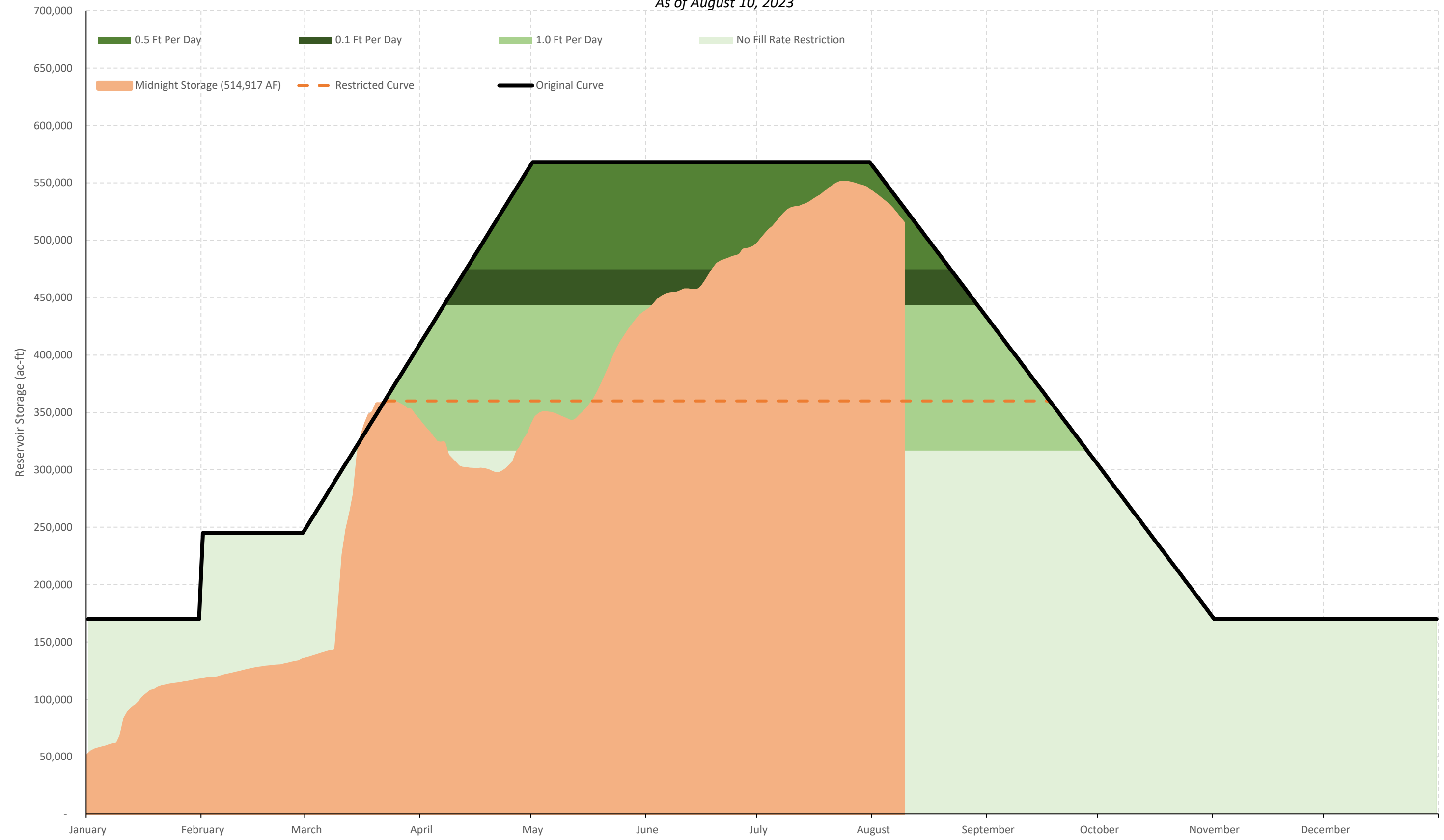
Summary of Spreading Year to Date: 7/31/2023

	<i>Utility</i>	<i>State</i>	<i>Purchase</i>	<i>Banking</i>	<i>Op. Re.</i>
January	7,522	0	0	0	5,267
February	3,636	0	0	157	5,042
March	6,163	0	0	0	4,633
April	8,242	0	0	259	9,321
May	0	9,653	0	707	12,704
June	2,918	4,070	0	418	9,519
July	0	0	772	657	13,903
August					
September					
October					
November					
December					
Total	28,481	13,723	772	2,198	60,389

Facility Flow Rate Quick Reference

<i>PROJECT</i>	<i>Fill (CFS)</i>	<i>Operational (CFS)</i>		<i>Acreage</i>
		<i>Summer</i>	<i>Winter</i>	
Kern Island Met:	60	25	20	175
Branch 1:	12	8	5	75
Digiorgio:	30	15	10	70
Sunset:	TBD	TBD	TBD	140
BV North:	65	30	20	240
Buena Vista I5:	40	25	15	65
Old River:	TBD	TBD	TBD	145
Bladder & Triangles:	30	20	10	40
Romero:	45	20	15	170
Stonefield:	25	15	10	80
Church:	4	1	1	5
Total	311	159	106	1205

Midnight Lake Isabella Storage and Pool Restrictions
As of August 10, 2023



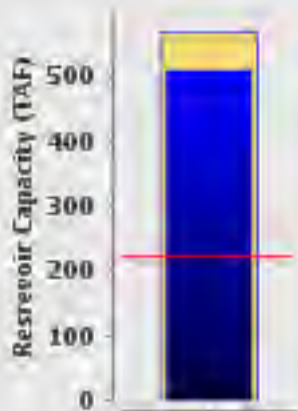


CURRENT RESERVOIR CONDITIONS



Isabella Lake Conditions

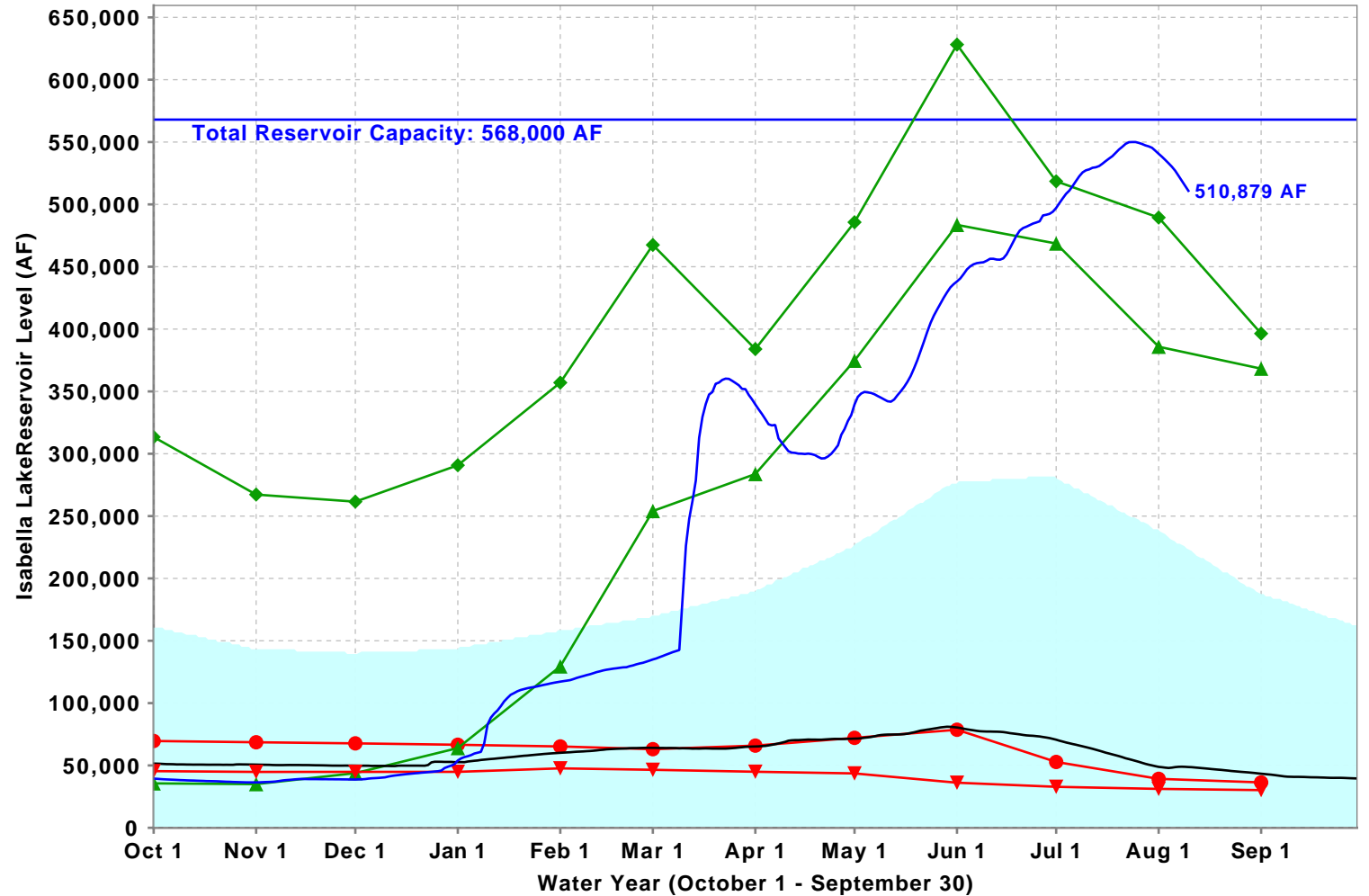
(as of Midnight - August 10, 2023)



Current Level: 510,879 AF

90% (Total Capacity) | 229% (Historical Avg.)

Isabella Lake Levels: Various Past Water Years and Current Water Year, Ending At Midnight August 10, 2023



■ Historical Average
 — Total Reservoir Capacity
 ● 1976-1977
 ▲ 1977-1978
 ◆ 1982-1983 (Wettest)
 — 2021-2022
 ▼ 2014-2015 (Driest)
 — Current: 2022-2023

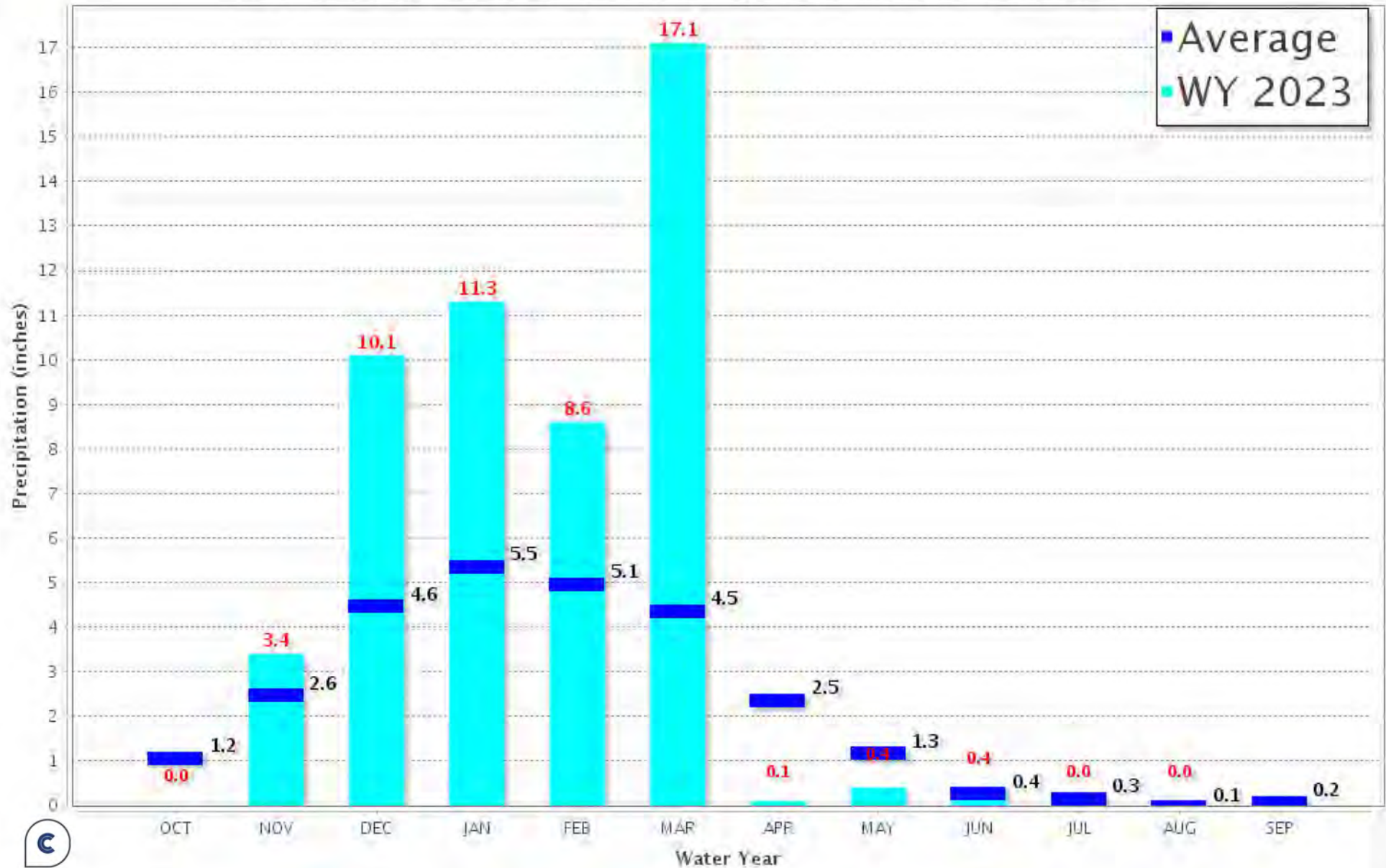


Tulare Basin 6-Station

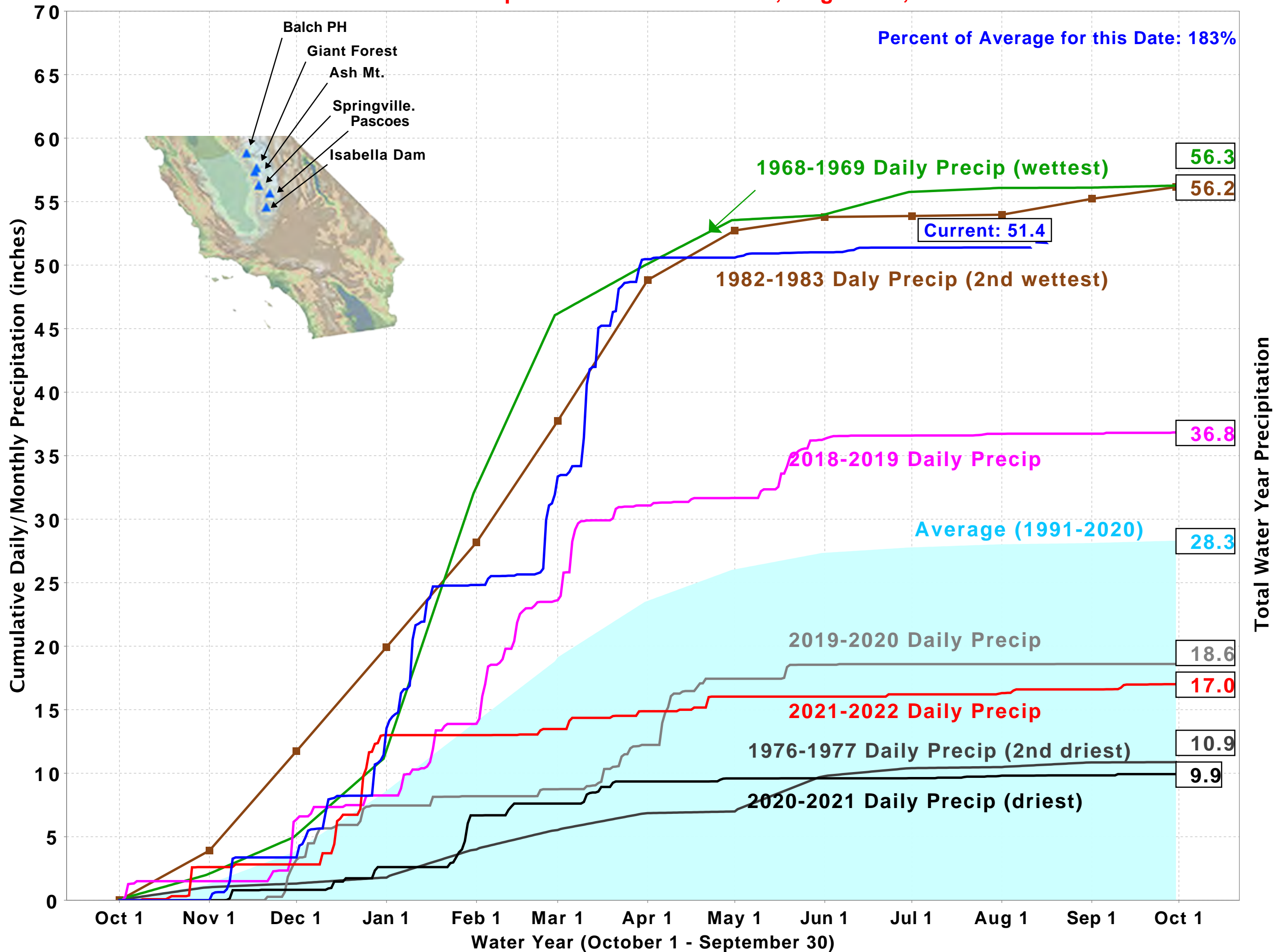
Precipitation Index for Water Year 2023 – Updated on August 11, 2023 02:48 PM

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, August 11, 2023



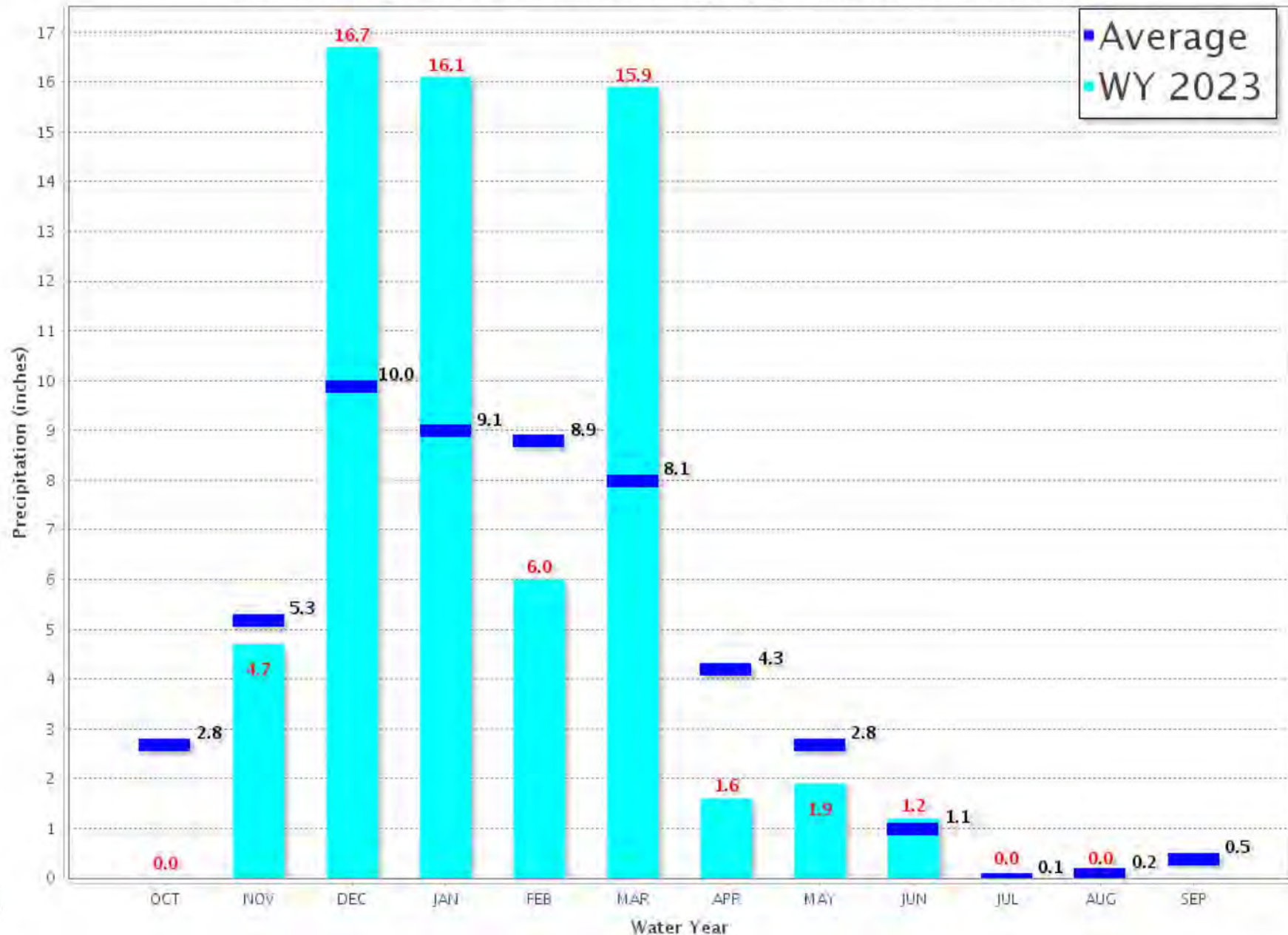


Northern Sierra 8-Station

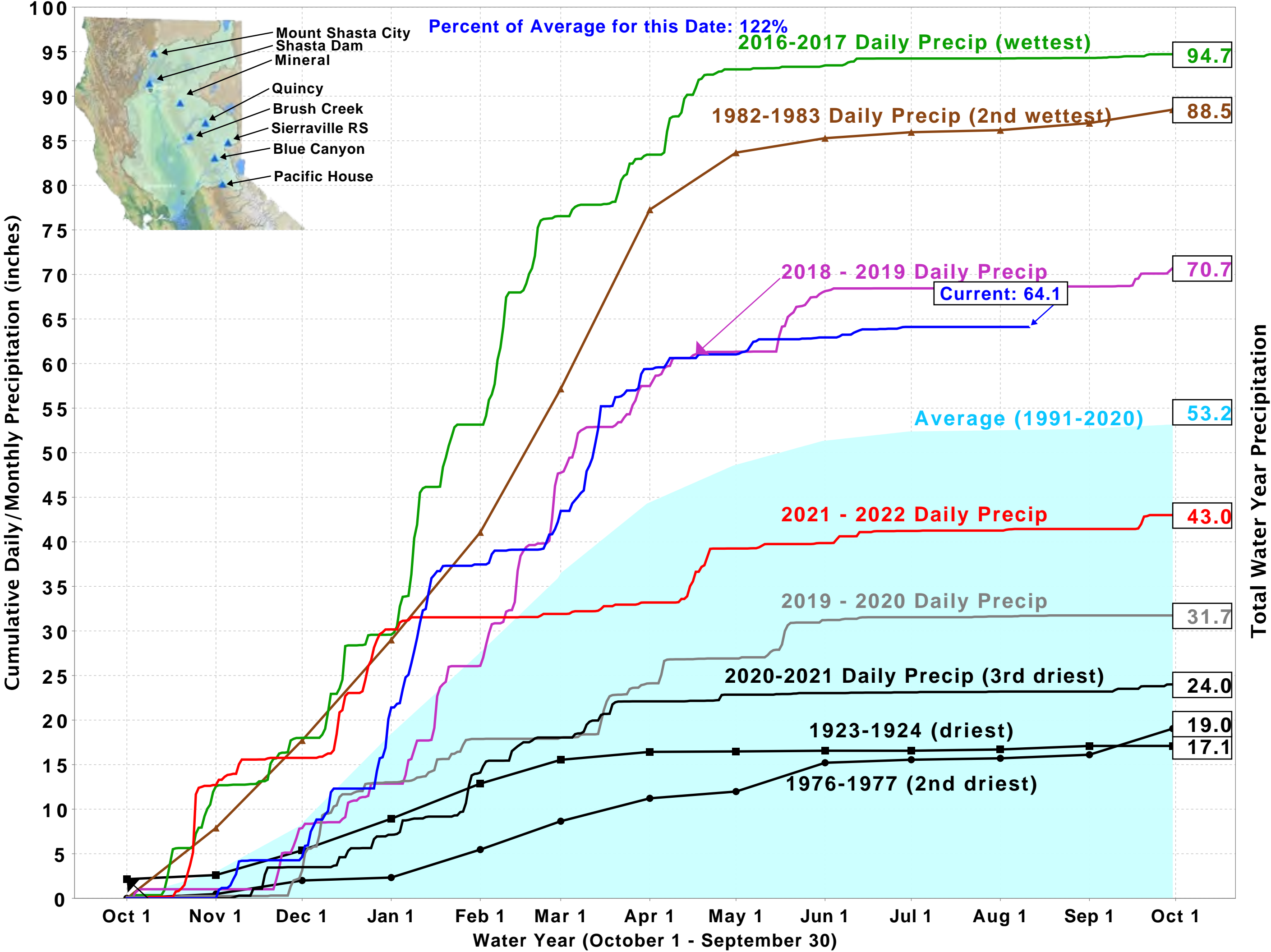
Precipitation Index for Water Year 2023 - Updated on August 11, 2023 02:48 PM

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

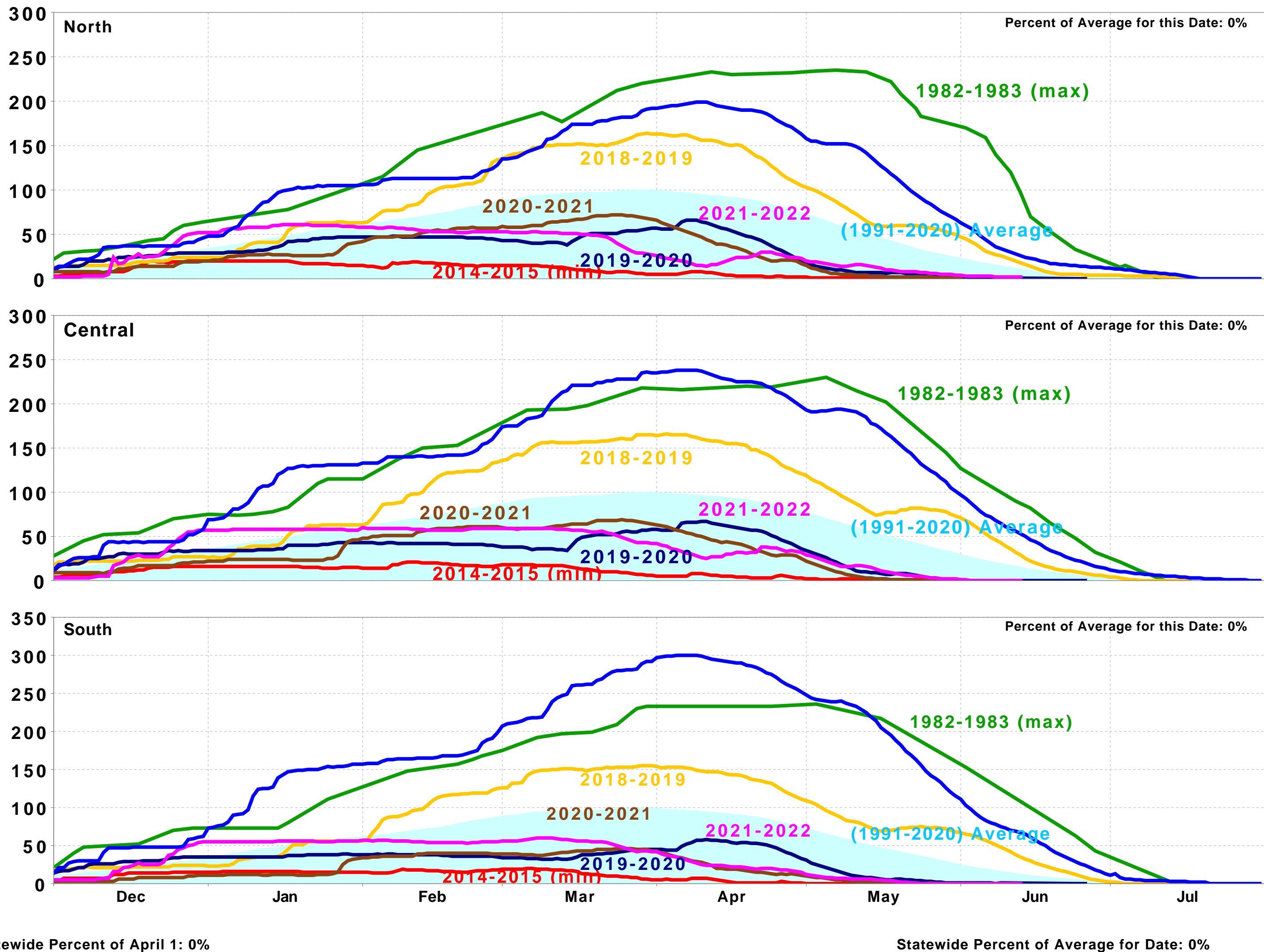
Water Year Monthly totals are calculated based on Daily precipitation data from 12am to 12am PST



Northern Sierra Precipitation: 8-Station Index, August 11, 2023



California Snow Water Content, July 31, 2023, Percent of April 1 Average





STATEWIDE SNOW WATER CONTENT

CURRENT REGIONAL SNOWPACK FROM AUTOMATED SNOW SENSORS

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



NORTH

Data as of July 31, 2023

Number of Stations Reporting	24
Average snow water equivalent (Inches)	0.0
Percent of April 1 Average (%)	0
Percent of normal for this date (%)	0

CENTRAL

Data as of July 31, 2023

Number of Stations Reporting	41
Average snow water equivalent (Inches)	0.0
Percent of April 1 Average (%)	0
Percent of normal for this date (%)	0

SOUTH

Data as of July 31, 2023

Number of Stations Reporting	23
Average snow water equivalent (Inches)	0.0
Percent of April 1 Average (%)	0
Percent of normal for this date (%)	0

STATE

Data as of July 31, 2023

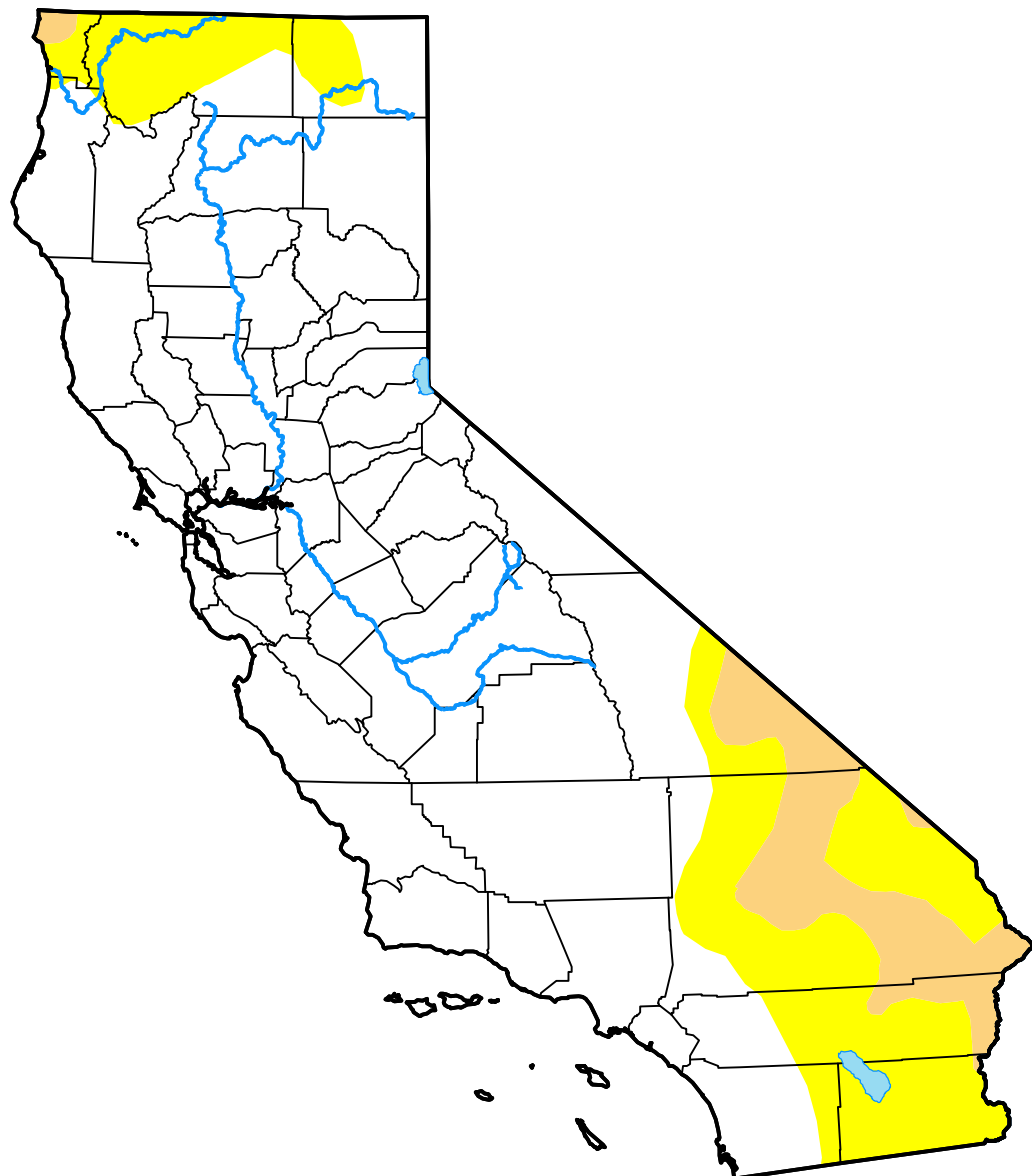
Number of Stations Reporting	88
Average snow water equivalent (Inches)	0.0
Percent of April 1 Average (%)	0
Percent of normal for this date (%)	0

Statewide Average: 0% / 0%







Data as of July 31, 2023

U.S. Drought Monitor California

August 8, 2023
(Released Thursday, Aug. 10, 2023)
Valid 8 a.m. EDT



Intensity:

-  None
-  D0 Abnormally Dry
-  D1 Moderate Drought
-  D2 Severe Drought
-  D3 Extreme 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:

Brad Pugh
CPC/NOAA



droughtmonitor.unl.edu

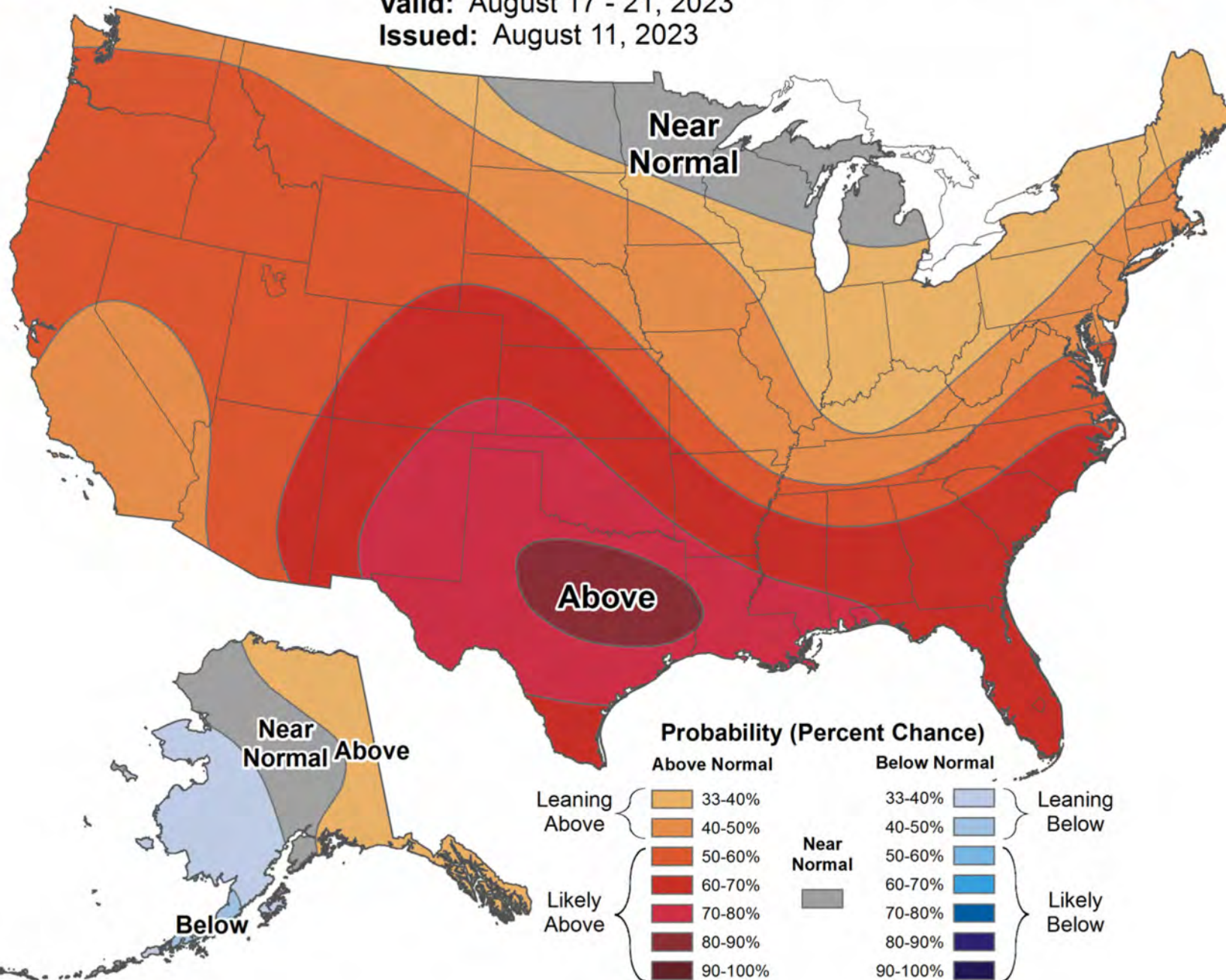


6-10 Day Temperature Outlook



Valid: August 17 - 21, 2023

Issued: August 11, 2023



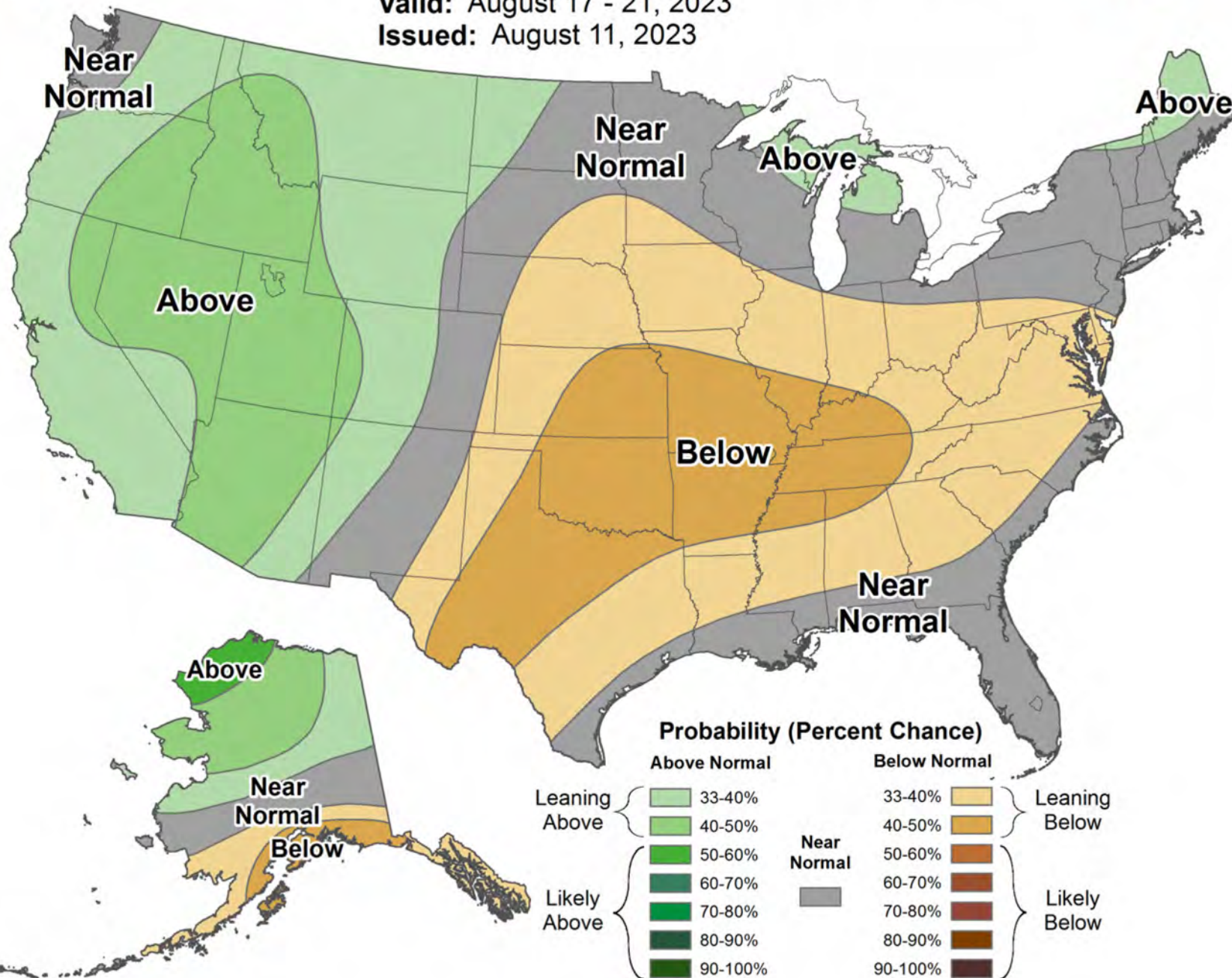


6-10 Day Precipitation Outlook



Valid: August 17 - 21, 2023

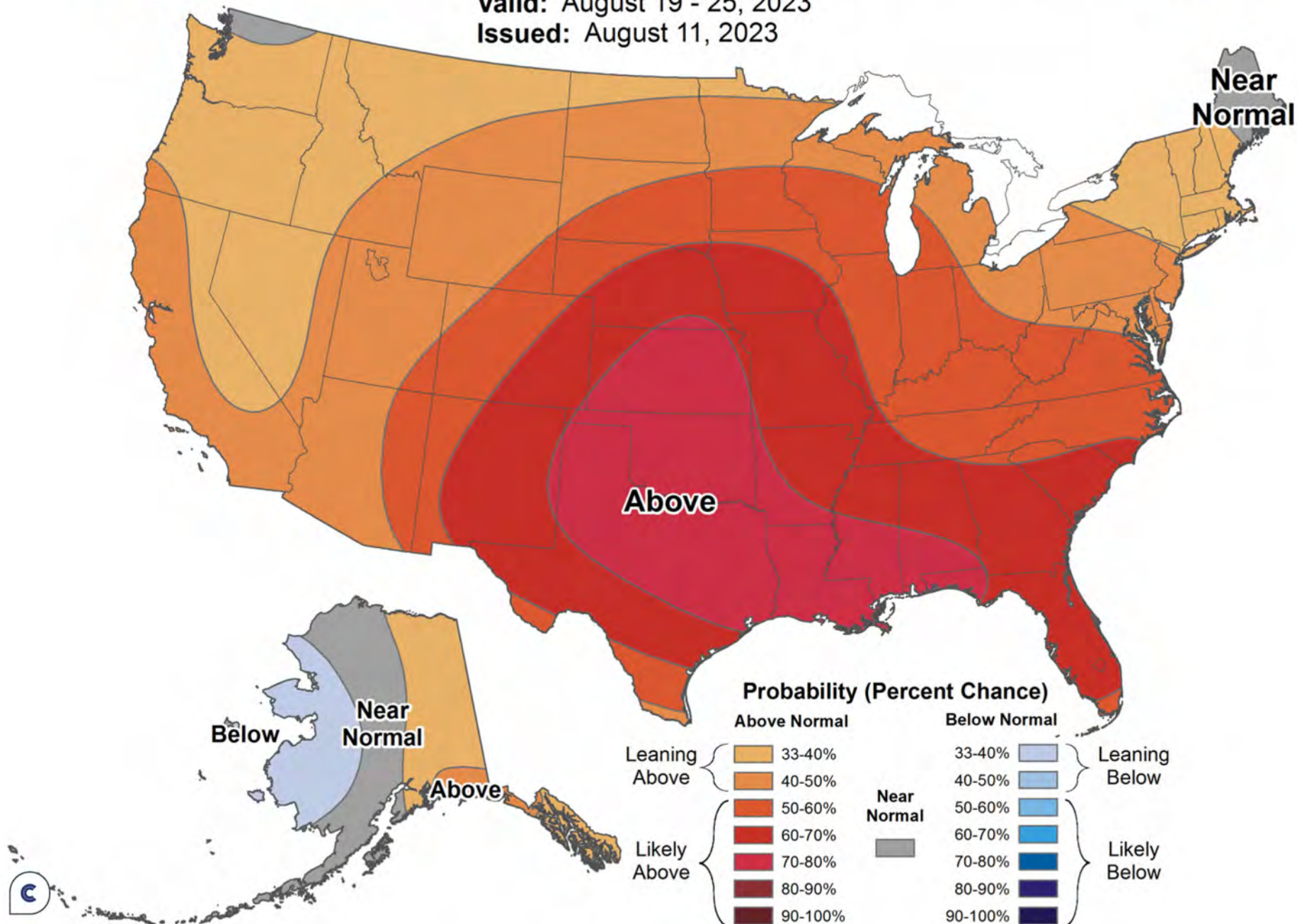
Issued: August 11, 2023





Valid: August 19 - 25, 2023

Issued: August 11, 2023



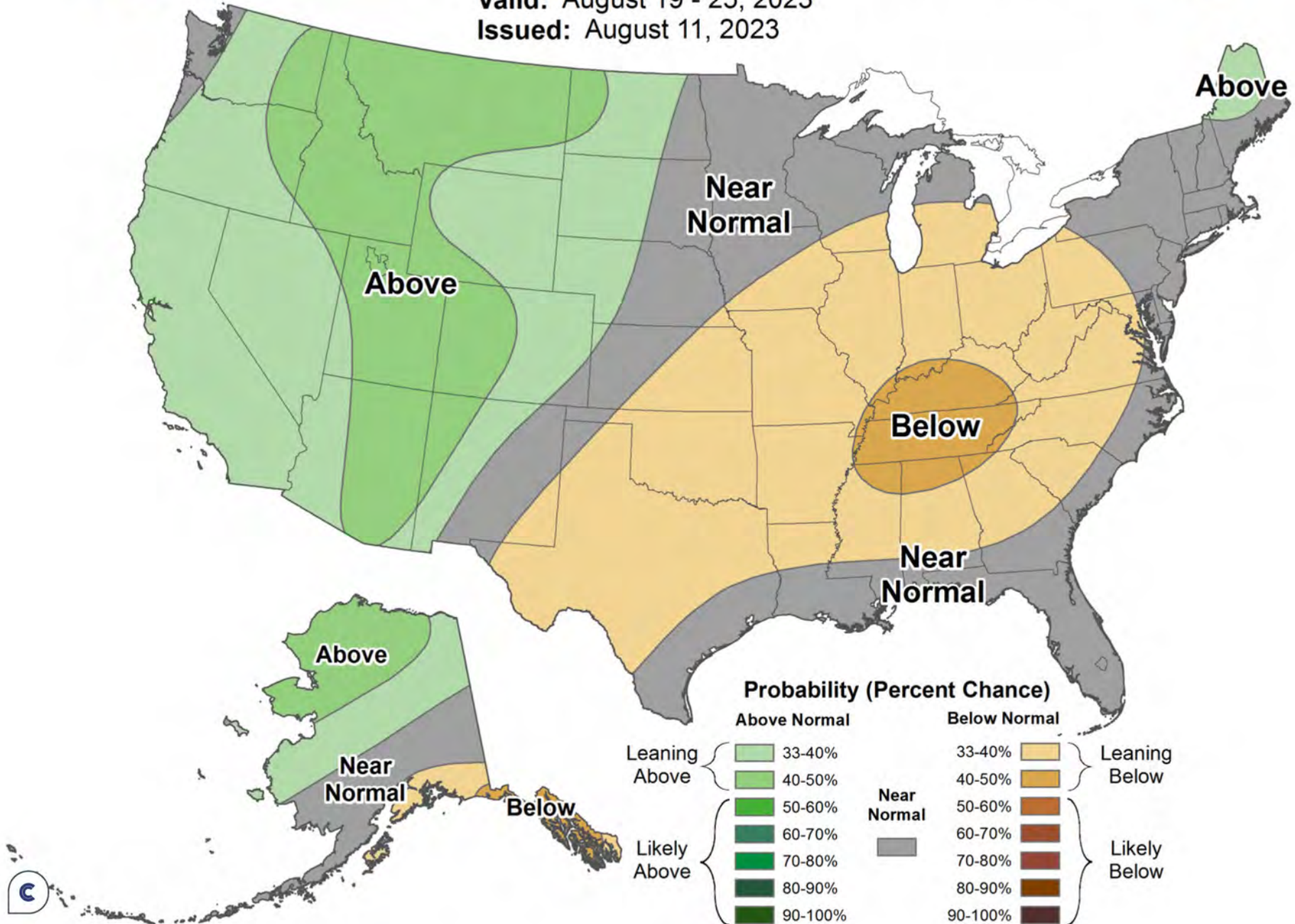


8-14 Day Precipitation Outlook



Valid: August 19 - 25, 2023

Issued: August 11, 2023



KERN RIVER WATERMASTER

mark@kernriverwm.org

661-333-6981

August 10, 2023

To: Kern River Interests

From: L. Mark Mulkay
Kern River Watermaster

RE: Report of Recent Activities

This is the August 10, 2023, Kern River Watermaster Report.

Isabella Dam Safety Modification Project – The COE Isabella Situation Report has not been produced since the May 2023 issue.

The Kern River Group met with the COE on a weekly basis through August 2nd to receive an update on the Project, Reservoir conditions, Fill Plan, and Draw Down Plan. The weekly meetings have been terminated and we will meet as needed. The Kern River Interests are managing Isabella outflows to reduce storage and prepare for winter carryover.

Runoff and Operations – Runoff ramped up to approximately 9000 cfs July 3rd and 4th due to high temperatures and is currently just under 2000 cfs. The inflows continue to drop as the snow melt season is ending. Isabella is currently at 514,000 acre-feet (see attached Current Reservoir Conditions August 9 attached). The Storage peak of 550,420 acre-feet was met on July 26th. Attached is the August 9, 2023, Tulare Basin Precipitation 6-Station Index for water year 2023. With no precipitation over the past several months, the Index remained steady at 51.4 inches of precipitation, 183% percent of average for this date compared to the water year. Also attached is the August 9th Tulare Basin 6-Station Precipitation Bar Chart showing the same information in a monthly format. The July 31st California Snow Water Content (copy attached) shows the southern Sierra at 0% of the April 1st average and 0% of average for this date. I have also attached a the August 10th Midnight Lake Isabella Storage and Pool Restrictions graph showing current storage conditions relating to the USACE Operations Manual for Isabella. Although storage is within the allowed space at this time, we may not be able to stay within allowable space. The Kern River Interests made a request to encroach into winter carryover space and for carryover storage to exceed the 170,000 acre-feet up to 245,000 acre-feet during the rain flood season (November 1, 2023 to February 1, 2024) in Isabella Reservoir. The USACE is reviewing our request.

A few important dates at a glance from the past few months:

May 4th – Mandatory Release Order from USACE of 7500 cfs of Outflow

May 20th – Kern River Intertie Operations Began

May 20th – Kern River Notice Order is Distributed

June 12th – Kern River Intertie Operations Cease with Approximately 24,000 acre-feet Delivered

June 12th – Kern River Notice Order is Canceled

June 16th – Request from USACE to Average 4600 cfs of Outflow

July 12th – Request from Kern River Interests to Average 3800 cfs Outflow

July 26th – Peak Storage in Isabella = 550,420 acre-feet

August 2nd – Kern River Interests Request to Exceed Winter Carryover Storage

I participated in a final call with representatives from DWR and USACE regarding this year's operation of the Kern River Intertie operations on a weekly basis during its operation. Improvements for future operations were discussed.

Public Outreach – The public continues to request information and updates regarding Kern River flows and forecasts. I communicated with all four television stations in town, the Bakersfield Californian, and SJV Water this month. I made presentations to the NOR Chamber of Commerce on July 13th and the Water Association of Kern County July 25th. I am scheduled to talk at the September 20 local branch of the ASCE.

California Cooperative Snow Surveys – The ground snow surveys for 2023 have ceased.

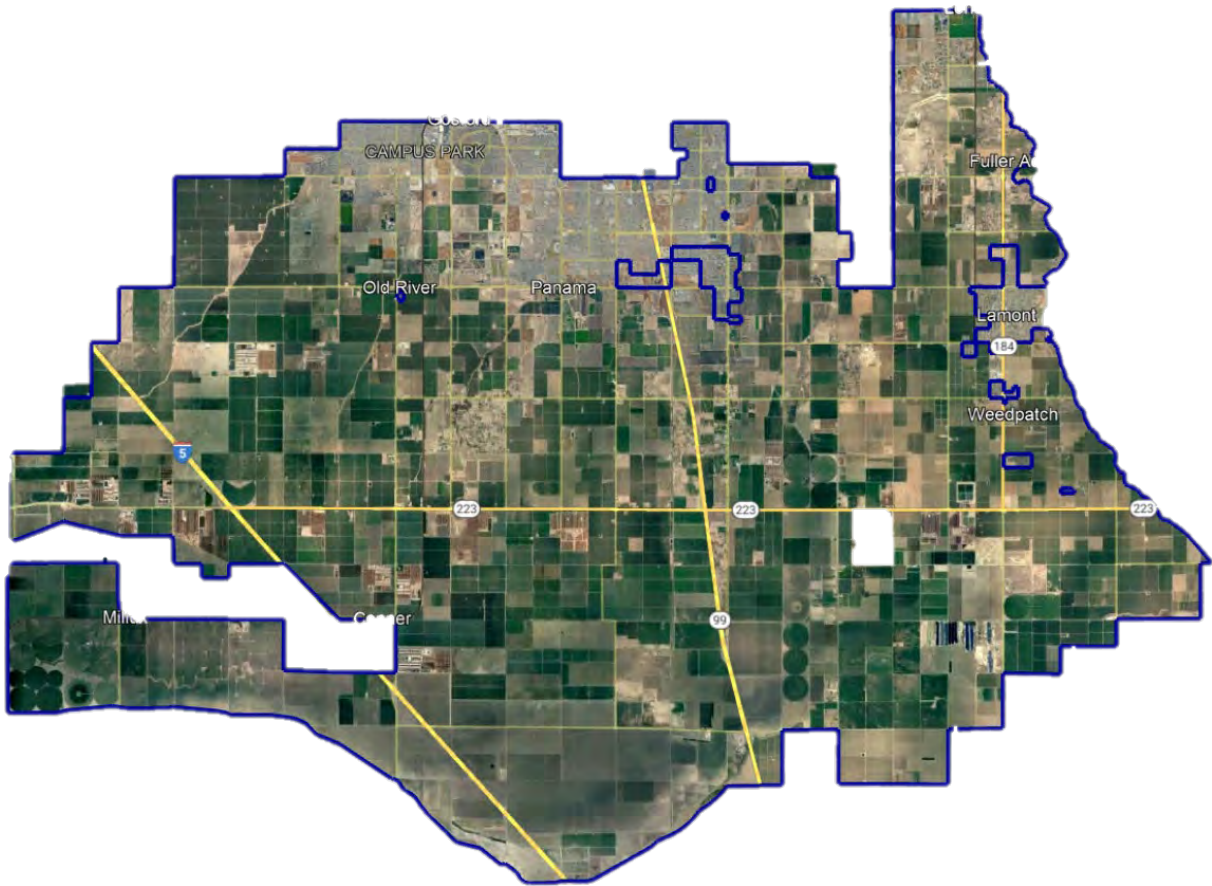
Aerial Snow Observatory – The Annual ASO Workshop will be held in Mammoth, California the week of September 11-15.

Attachments:

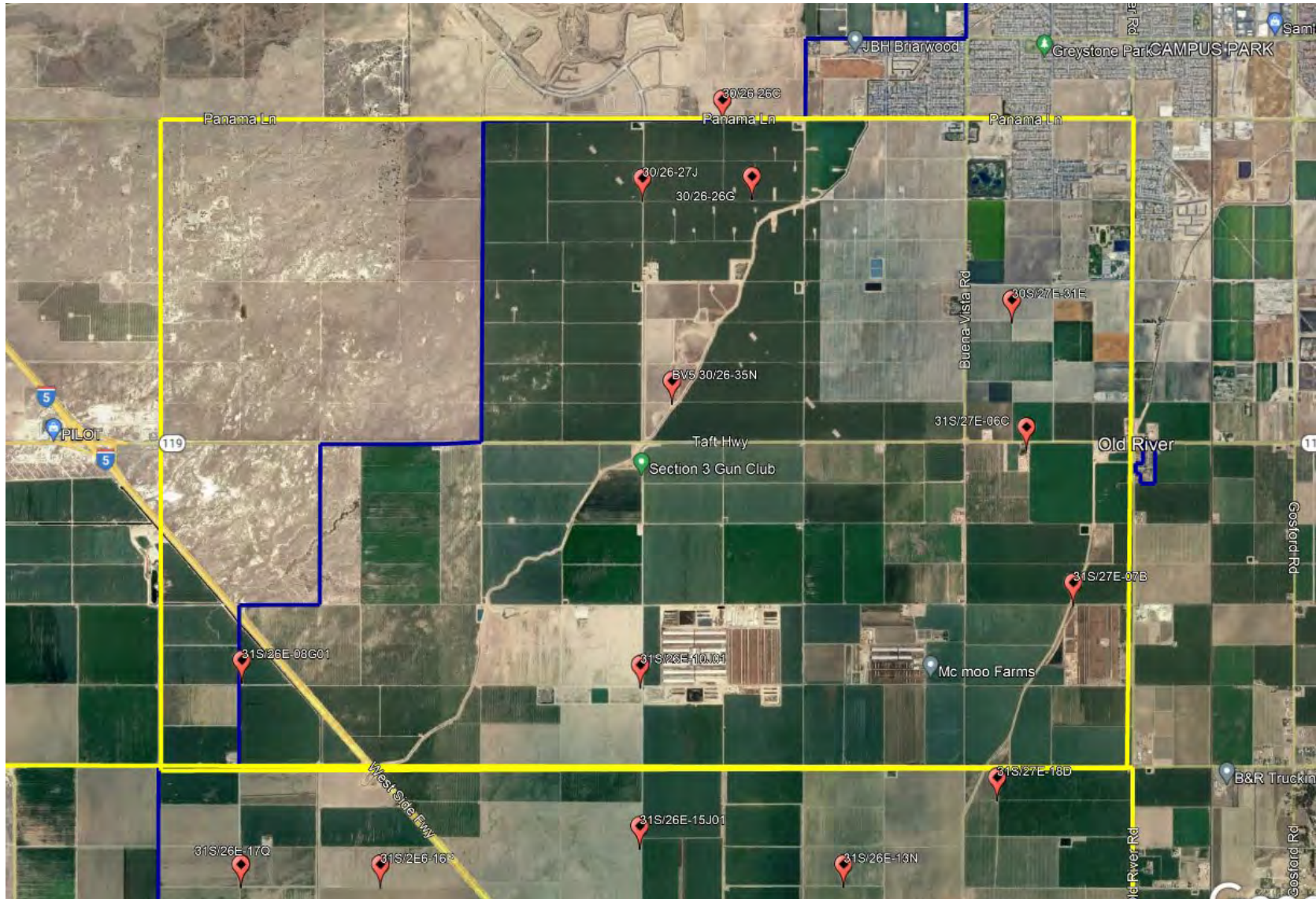
- COE Isabella Situation Report, Not Available
- Current Reservoir Conditions, August 9, 2023
- Tulare Basin Precipitation: 6-Station Index, August 2023
- Tulare Basin 6-Station Index (bar chart), August 9, 2023
- California Snow Water Content Percent of April 1st Average, July 31, 2023
- Midnight Lake Isabella Storage and Pool Restrictions, August 10, 2023



Monthly Groundwater Report



August 2023



2023

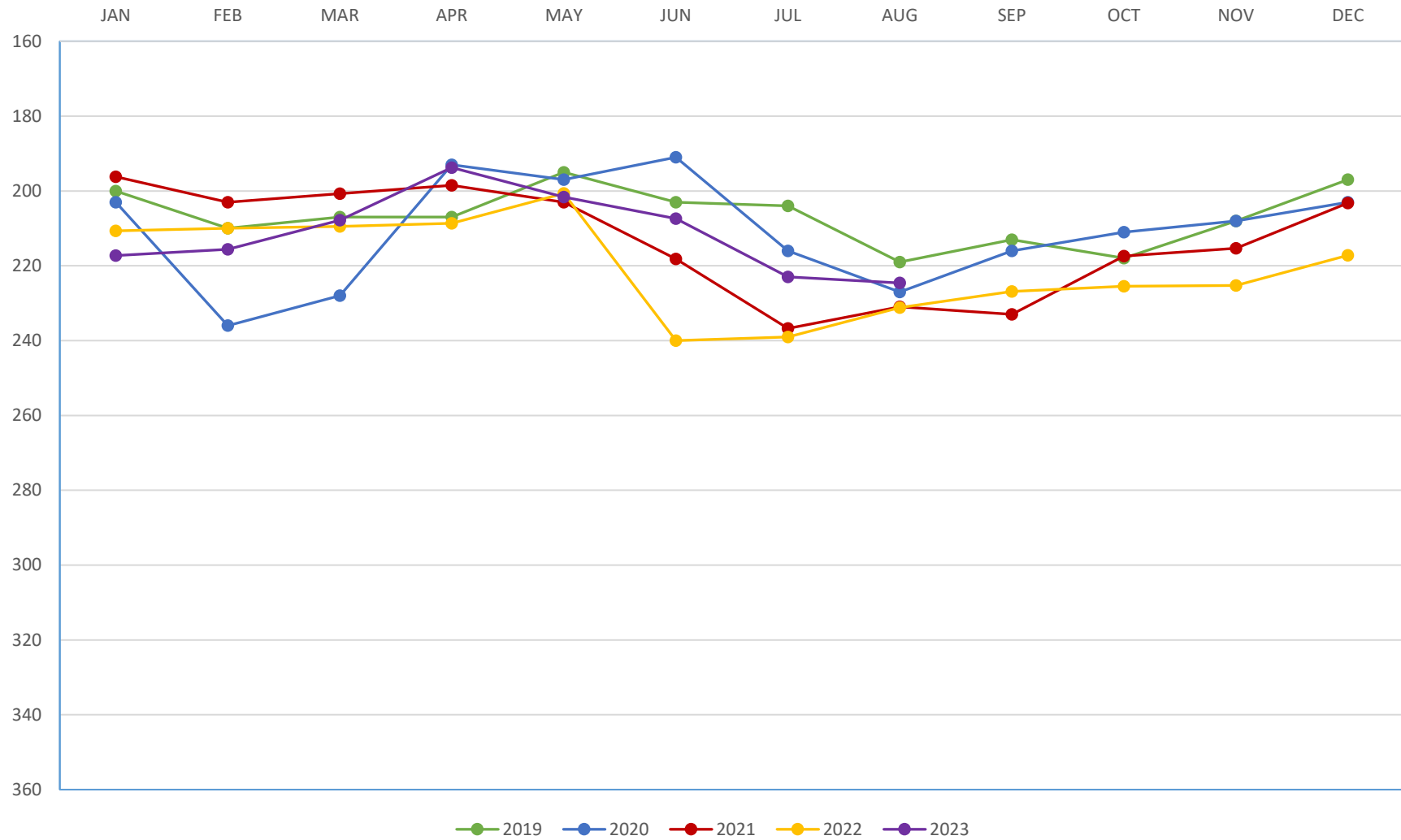
		JAN 2019	JAN 2020	JAN 2021	JAN 2022	JAN 2023	FEB 2023	MAR 2023	APR 2023	MAY 2023	JUN 2023	JUL 2023	AUG 2023	SEP 2023	OCT 2023	NOV 2023	DEC 2023	HIGH (by well)	LOW (by well)	AVERAGE (by well)
Northwest Quadrant	30/26-26C	R	204	G	G	207	NR	NR	NR	NR	210	217	NR					217	204	210
	30/26-26G	R	199	G	G	G	NR	NR	NR	NR	212	215	NR					215	199	209
	30/26-27J	R	210	G	G	218	218	NR	NR	NR	210	R	229					229	210	217
	30/26-35N	184	171	169	185	217	207	202	201	200	199	203	203					217	169	195
	30/27-31E	202	219	201	224	228	226	219	R	NR	R	237	R					237	201	220
	31/26-08G	NR	204	205	200	NR	217	216	170	175	178	234	230					234	170	203
	31/26-10J	202	NR	203	205	216	208	196	196	197	R	R	233					233	196	206
	31/27-06C	208	215	203	215	228	226	212	R	225	226	235	R					235	203	219
	31/27-07B	R	200	NR	235	207	207	202	208	211	217	220	228					235	200	214
	MONTHLY AVG	199	203	196	211	217	216	208	194	202	207	223	225							
MAXIMUM DEPTH TO WATER NW (running average for all data last 5 years)																		237		
MINIMUM DEPTH TO WATER NW (running average for all data last 5 years)																		169		
AVERAGE DEPTH TO WATER NW (running average for all data last 5 years)																		209		

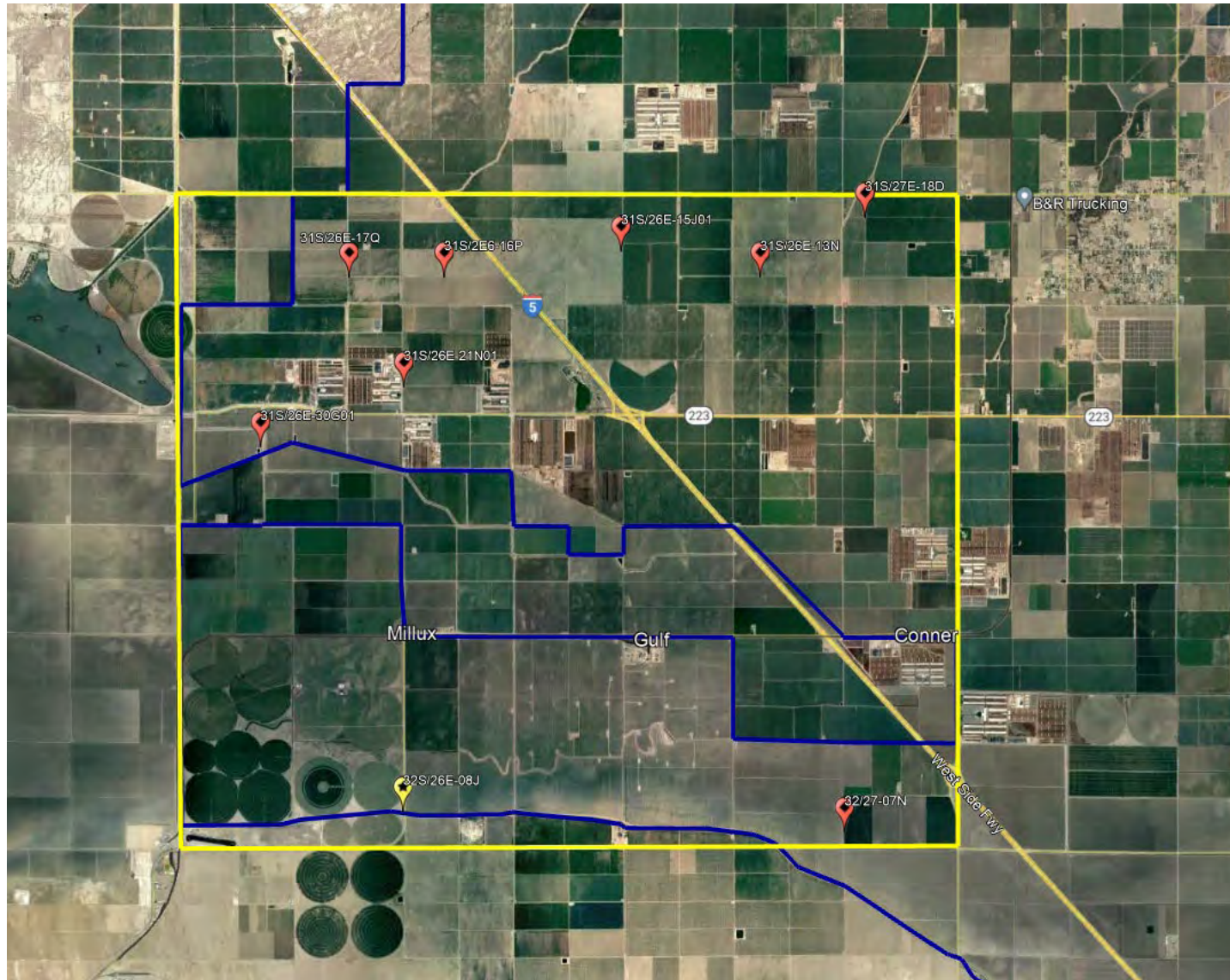
G = gated well, unable to access
 R = running well, no measurement taken
 NR = temporary 'no reading', no measurement taken

yellow shading = inactive well

2023

NORTHWEST





2023

		JAN 2019	JAN 2020	JAN 2021	JAN 2022	JAN 2023	FEB 2023	MAR 2023	APR 2023	MAY 2023	JUN 2023	JUL 2023	AUG 2023	SEP 2023	OCT 2023	NOV 2023	DEC 2023	HIGH (by well)	LOW (by well)	AVERAGE (by well)
Southwest Quadrant	31/26-13N	201	NR	NR	206	215	204	201	187	201	204	222	222					222	187	206
	31/26-15J	205	NR	201	205	211	207	199	178	189	205	201	210					211	178	201
	31/26-16P	207	204	202	200	207	201	182	183	R	R	R	223					223	182	201
	31/26-17Q	210	203	219	202	NR	204	201	NR	200	220	213	216					220	200	209
	31/26-21N	238	204	204	228	215	208	202	R	182	207	213	209					238	182	210
	31/26-30G	240	268	203	234	200	200	202	201	160	207	231	NR					268	160	213
	31/27-18D01	206	201	203	222	222	217	201	R	200	217	225	240					240	200	214
	32/26-08J	215	209	212	200	213	200	202	201	200	202	200	213					215	200	206
	32/27-07N	200	288	200	201	NR	200	163	157	167	179	164	205					288	157	193
	MONTHLY AVG	214	225	206	211	212	205	195	185	187	205	209	217							
MAXIMUM DEPTH TO WATER SW (running average for all data last 5 years)																		288		
MINIMUM DEPTH TO WATER SW (running average for all data last 5 years)																		157		
AVERAGE DEPTH TO WATER SW (running average for all data last 5 years)																		206		

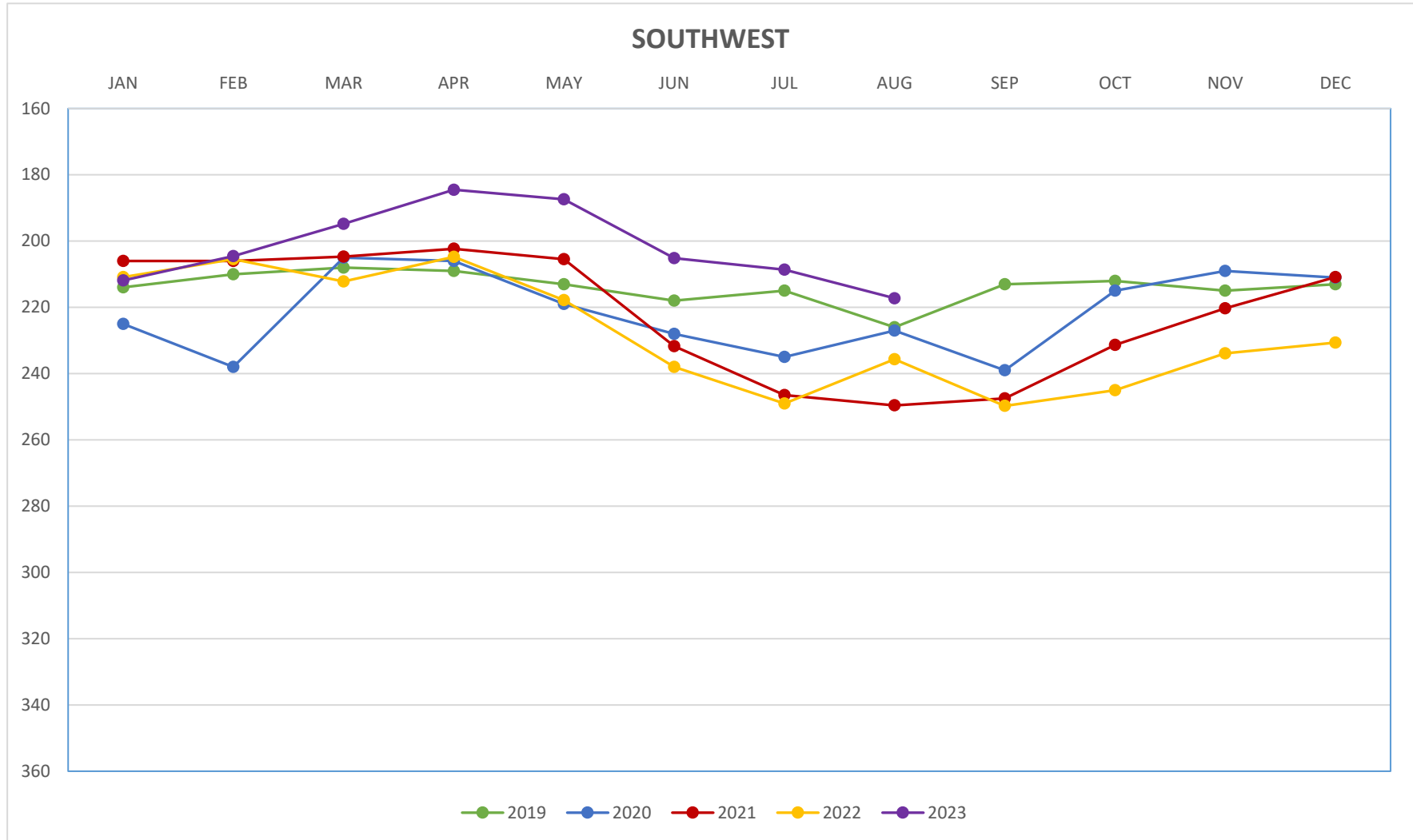
G = gated well, unable to access

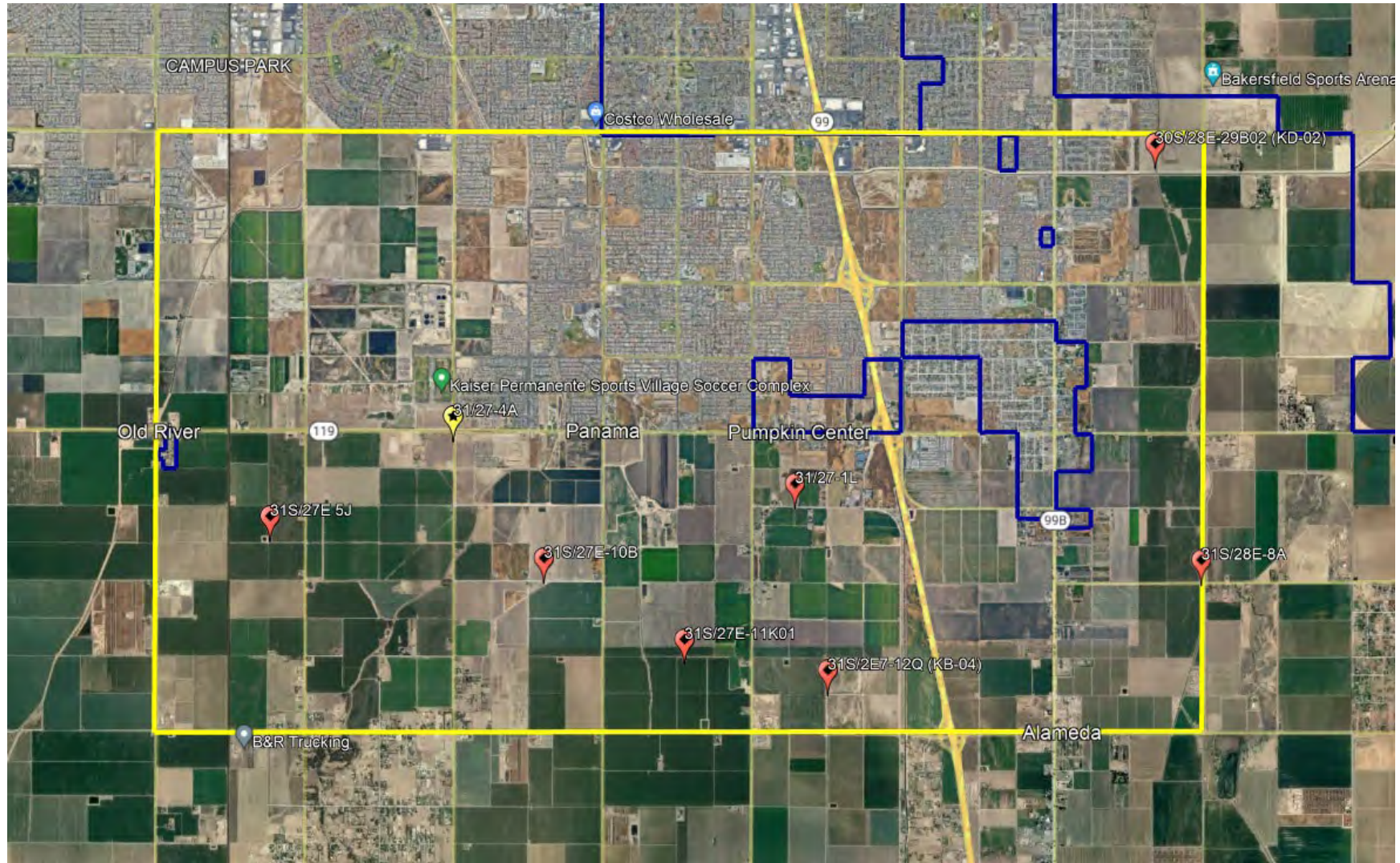
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2023





2023

		JAN 2019	JAN 2020	JAN 2021	JAN 2022	JAN 2023	FEB 2023	MAR 2023	APR 2023	MAY 2023	JUN 2023	JUL 2023	AUG 2023	SEP 2023	OCT 2023	NOV 2023	DEC 2023	HIGH (by well)	LOW (by well)	AVERAGE (by well)
North-Central Quadrant	30/28-29B	243	229	225	231	240	237	236	234	173	231	237	233					243	173	229
	31/27-01L	220	232	219	170	219	217	217	R	217	218	229	222					232	170	216
	31/27-04A	183	184	179	182	186	185	184	183	189	188	189	191					191	179	185
	31/27-05J	NR	228	207	230	214	223	217	220	228	228	235	241					241	207	225
	31/27-10B	NR	208	208	210	210	210	208	209	213	217	221	R					221	208	211
	31/27-12Q	140	139	141	174	172	169	166	165	176	164	164	162					176	139	161
	31/28-08A	243	244	249	264	256	253	251	235	240	261	265	266					266	235	252
	MONTHLY AVG	206	209	204	209	214	213	211	208	205	215	220	219							
	MAXIMUM DEPTH TO WATER N-C (running average for all data last 5 years)																	266		
	MINIMUM DEPTH TO WATER N-C (running average for all data last 5 years)																	139		
	AVERAGE DEPTH TO WATER N-C (running average for all data last 5 years)																	211		

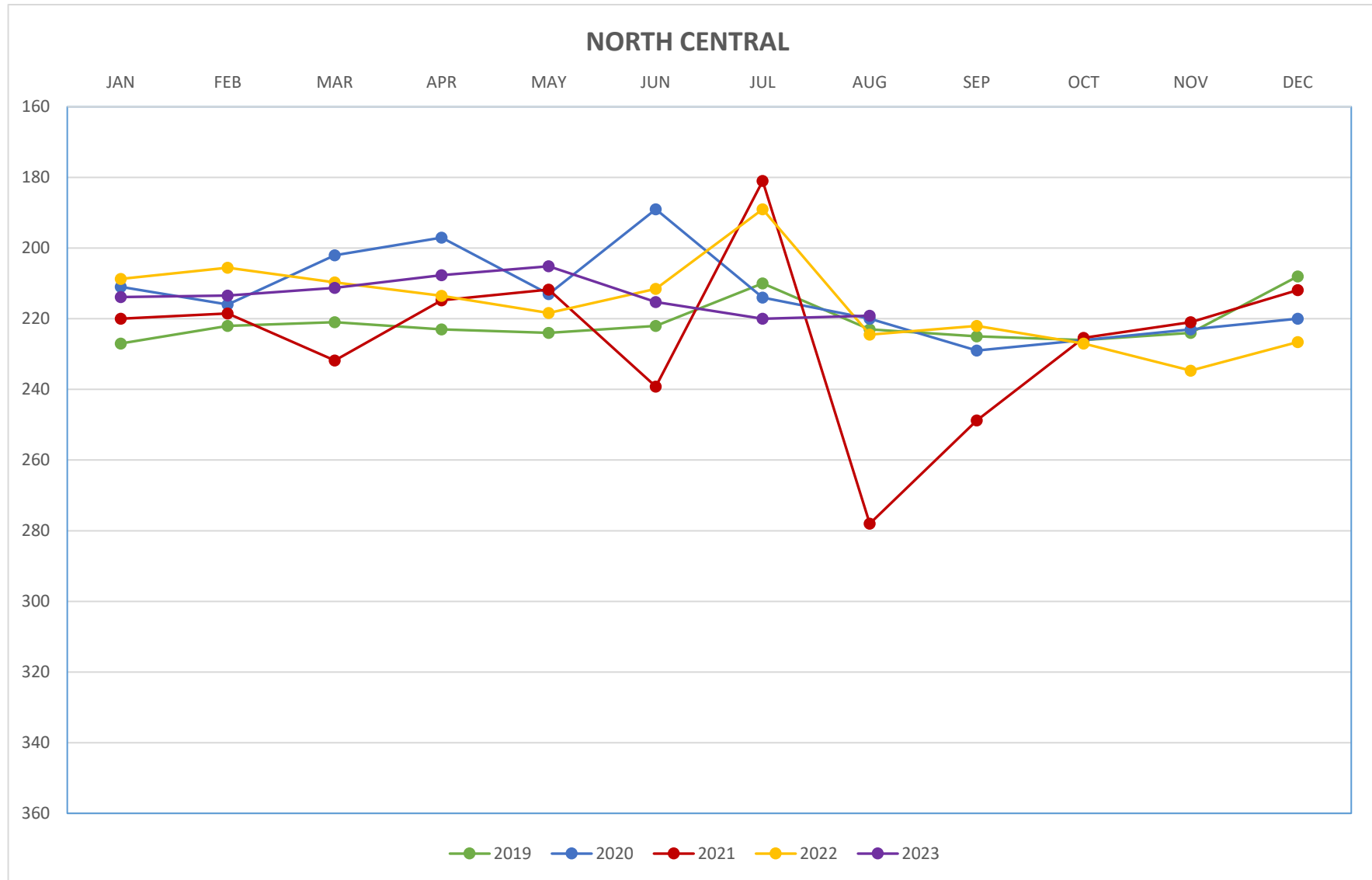
G = gated well, unable to access

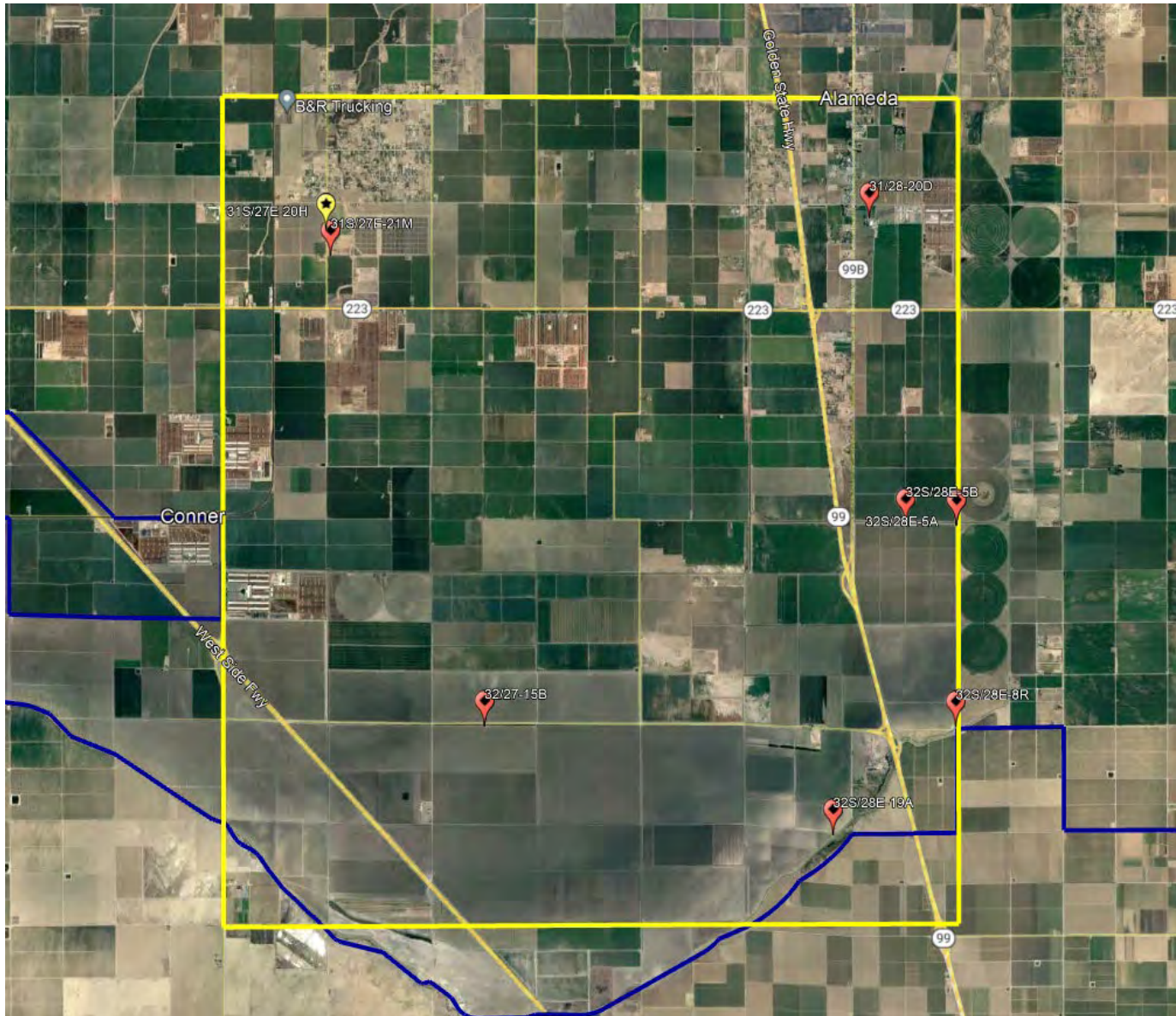
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NR = temporary 'no reading', no measurement taken

yellow shading = inactive well

2023





2023

		JAN 2019	JAN 2020	JAN 2021	JAN 2022	JAN 2023	FEB 2023	MAR 2023	APR 2023	MAY 2023	JUN 2023	JUL 2023	AUG 2023	SEP 2023	OCT 2023	NOV 2023	DEC 2023	HIGH (by well)	LOW (by well)	AVERAGE (by well)
South-Central Quadrant	31/27-20H	NR	211	NR	213	203	NR	188	187	201	223	225	223					225	187	208
	31/27-21M	L	L	NR	220	NR	NR	206	168	170	178	201	201					220	168	192
	31/28-20D	190	201	R	202	203	202	NR	NR	NR	R	207	205					207	190	201
	32/27-15B	231	202	200	201	338	270	264	255	260	280	260	NR					338	200	251
	32/28-19A	215	222	222	255	NR	237	234	231	254	262	270	273					273	215	243
	32/28-05A	250	239	220	214	243	233	231	211	223	237	240	263					263	211	234
	32/28-05B	226	201	205	221	215	221	211	204	211	222	236	245					245	201	218
	32/28-08R	224	253	222	255	NR	234	248	234	230	263	260	NR					263	222	242
	MONTHLY AVG	223	218	214	223	240	233	226	213	221	238	237	235							
	MAXIMUM DEPTH TO WATER S-C (running average for all data last 5 years)																	338		
	MINIMUM DEPTH TO WATER S-C (running average for all data last 5 years)																	168		
	AVERAGE DEPTH TO WATER S-C (running average for all data last 5 years)																	227		

G = gated well, unable to access

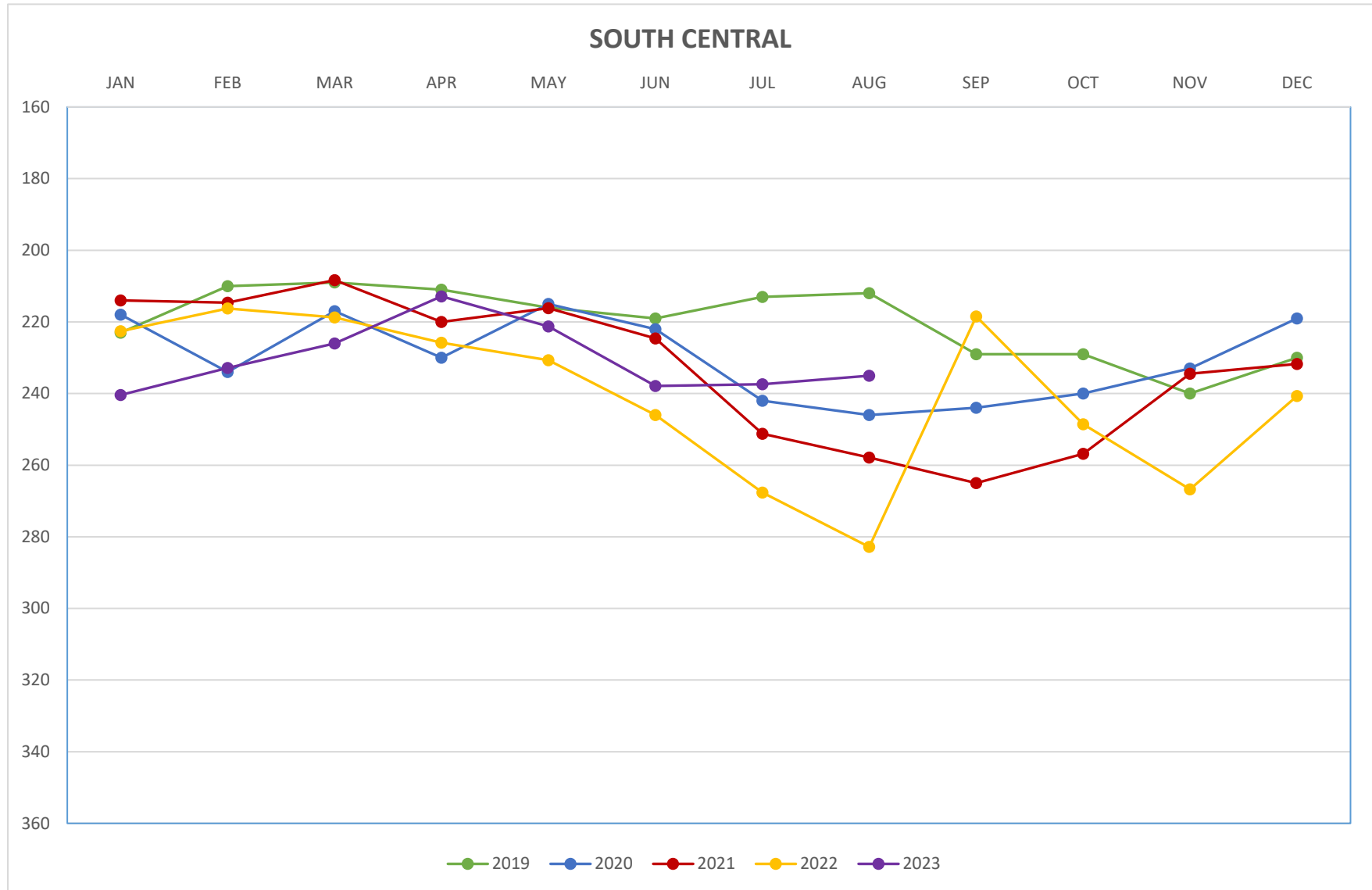
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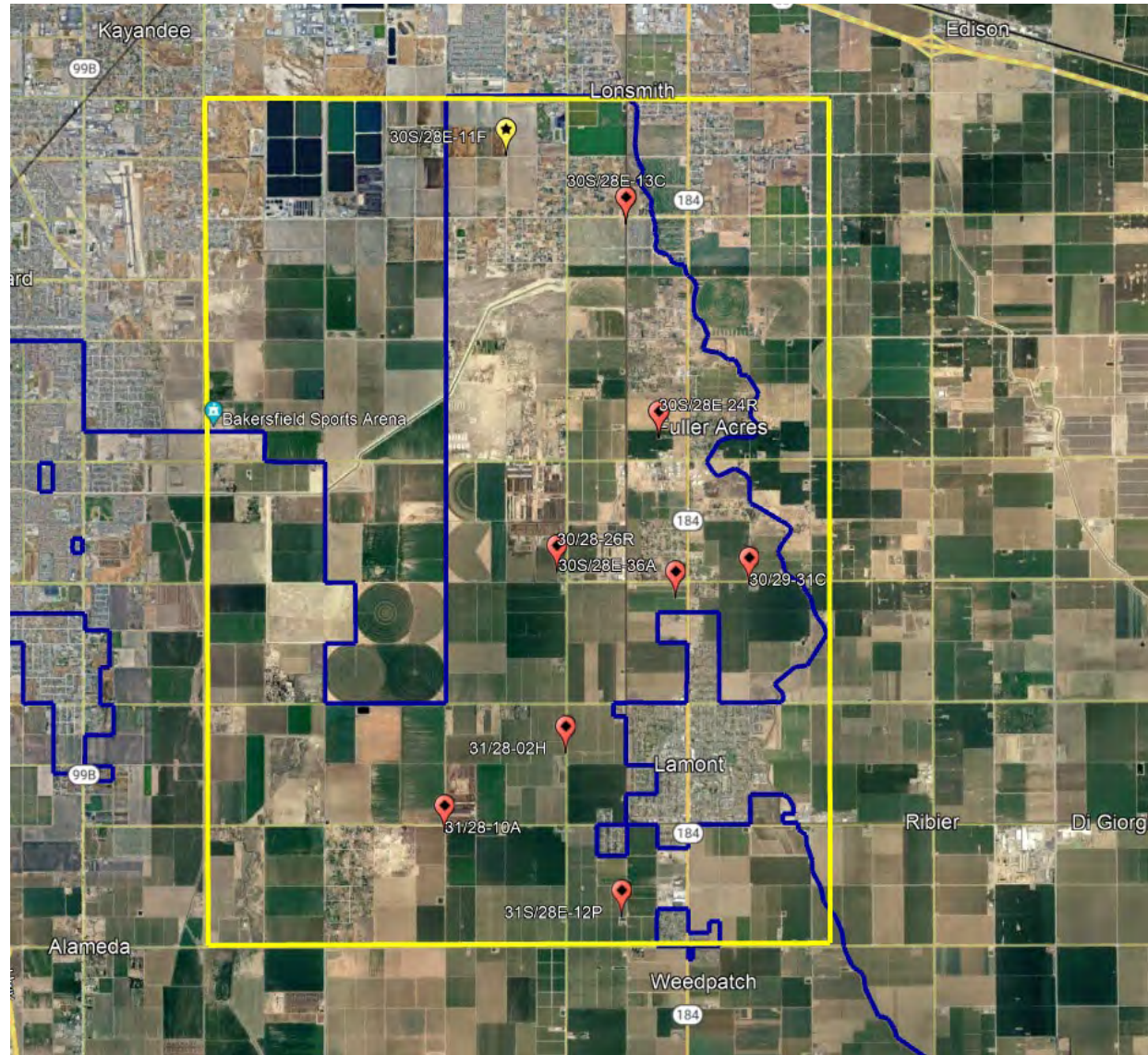
NR = temporary 'no reading', no measurement taken

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8/10/2023

2023



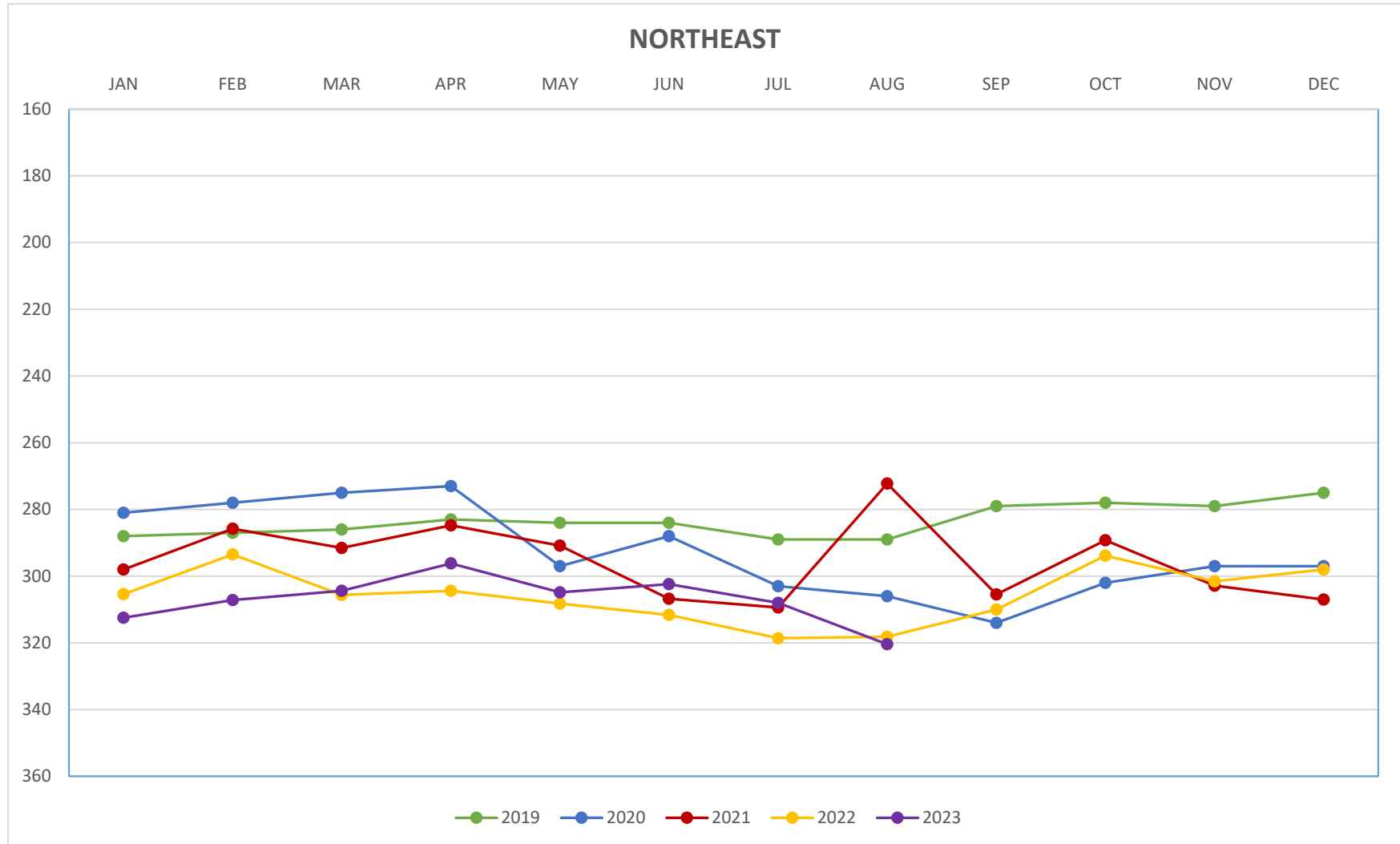


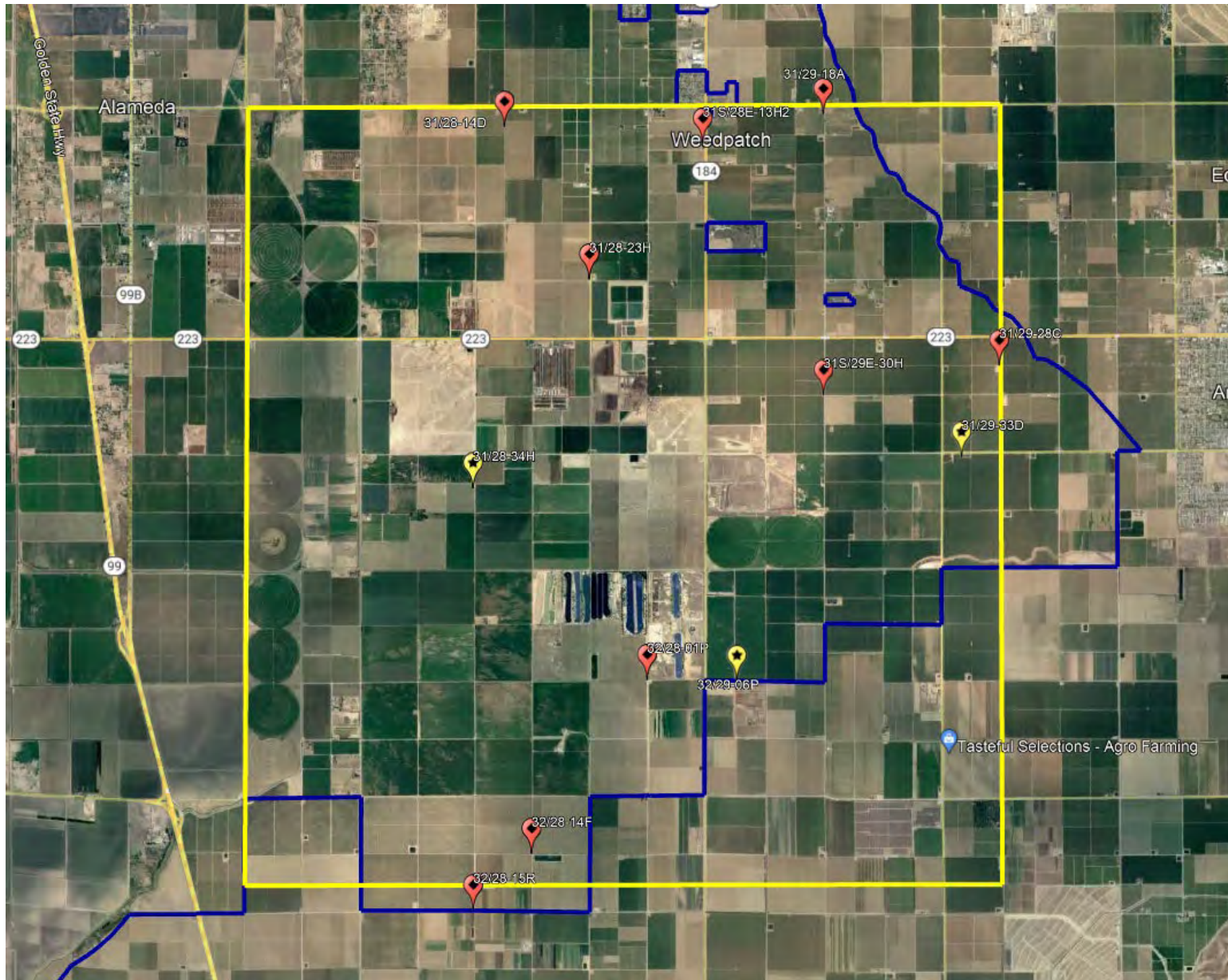
		JAN 2019	JAN 2020	JAN 2021	JAN 2022	JAN 2023	FEB 2023	MAR 2023	APR 2023	MAY 2023	JUN 2023	JUL 2023	AUG 2023	SEP 2023	OCT 2023	NOV 2023	DEC 2023	HIGH (by well)	LOW (by well)	AVERAGE (by well)
Northeast Quadrant	30/28-11F	263	263	264	272	NR	278	270	278	289	279	285	286					289	263	275
	30/28-13C	R	300	331	320	313	321	322	R	R	R	R	360					360	300	324
	30/28-24R	306	311	309	NR	NR	NR	NR	NR	NR	NR	NR	NR					311	306	309
	30/28-26R	287	NR	NR	NR	NR	NR	NR	NR	295	289	NR	NR					295	287	290
	30/28-36A		212	NR	NR	334	332	326	331	331	334	336	336					336	212	319
	30/29-31C	327	338	330	344	347	344	344	338	340	344	346	348					348	327	341
	31/28-02H	291	290	295	326	310	308	304	NR	307	R	R	320					326	290	306
	31/28-10A	253	253	258	265	269	266	264	238	271	266	281	280					281	238	264
	31/28-12P	286	284	NR	NR	302	301	301	296	301	R	292	313					313	284	297
	MONTHLY AVG	288	281	298	305	313	307	304	296	305	302	308	320							
	MAXIMUM DEPTH TO WATER NE (running average for all data last 5 years)																	360		
	MINIMUM DEPTH TO WATER NE (running average for all data last 5 years)																	212		
	AVERAGE DEPTH TO WATER NE (running average for all data last 5 years)																	302		

G = gated well, unable to access
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2023





2023

		JAN 2019	JAN 2020	JAN 2021	JAN 2022	JAN 2023	FEB 2023	MAR 2023	APR 2023	MAY 2023	JUN 2023	JUL 2023	AUG 2023	SEP 2023	OCT 2023	NOV 2023	DEC 2023	HIGH (by well)	LOW (by well)	AVERAGE (by well)
Southeast Quadrant	31/28-13H2	NR	NR	NR	290	299	298	304	278	290	290	292	296					304	278	293
	31/28-14D	239	230	235	247	245	243	241	230	R	R	R	R					247	230	239
	31/28-23H	290	286	275	276	313	304	NR	R	NR	R	321	320					321	275	298
	31/28-34H	337	206	204	203	213	223	NR	221	220	235	214	247					337	203	229
	31/29-18A	335	333	241	349	357	NR	NR	NR	NR	NR	NR	NR					357	241	323
	31/29-28C	347	344	NR	NR	201	205	NR	204	202	207	214	210					347	201	237
	31/29-30H	NR	NR	331	353	333	R	328	332	340	338	R	R					353	328	336
	31/29-33D	342	250	338	239	347	345	346	346	340	348	343	346					348	239	328
	32/28-14F	NR	222	241	NR	NR	NR	NR	NR	205	208	205	NR					241	205	216
	32/28-15R	263	272	291	314	298	285	279	283	320	335	R	360					360	263	300
	32/28-01P	NR	NR	NR	207	NR	NR	202	221	200	R	NR	R					221	200	208
	32/29-06P	183	177	208	NR	198	195	197	198	206	213	219	219					219	177	201
	MONTHLY AVG	292	258	263	275	280	262	271	257	258	272	258	285							
	MAXIMUM DEPTH TO WATER SE (running average for all data last 5 years)																	360		
	MINIMUM DEPTH TO WATER SE (running average for all data last 5 years)																	177		
	AVERAGE DEPTH TO WATER SE (running average for all data last 5 years)																	269		

G = gated well, unable to access

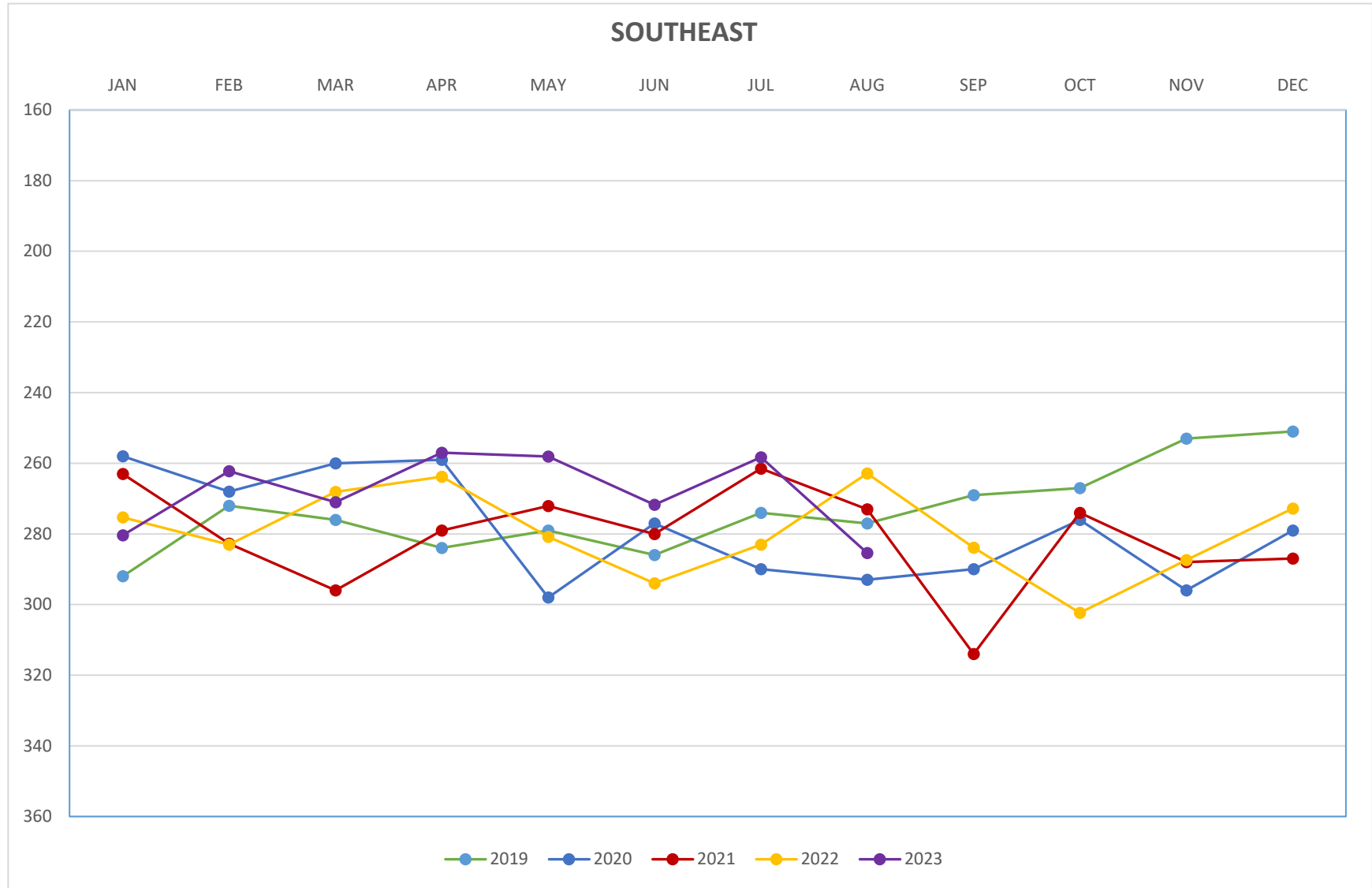
yellow shading = inactive well

R = running well, no measurement taken

NR = temporary 'no reading', no measurement taken

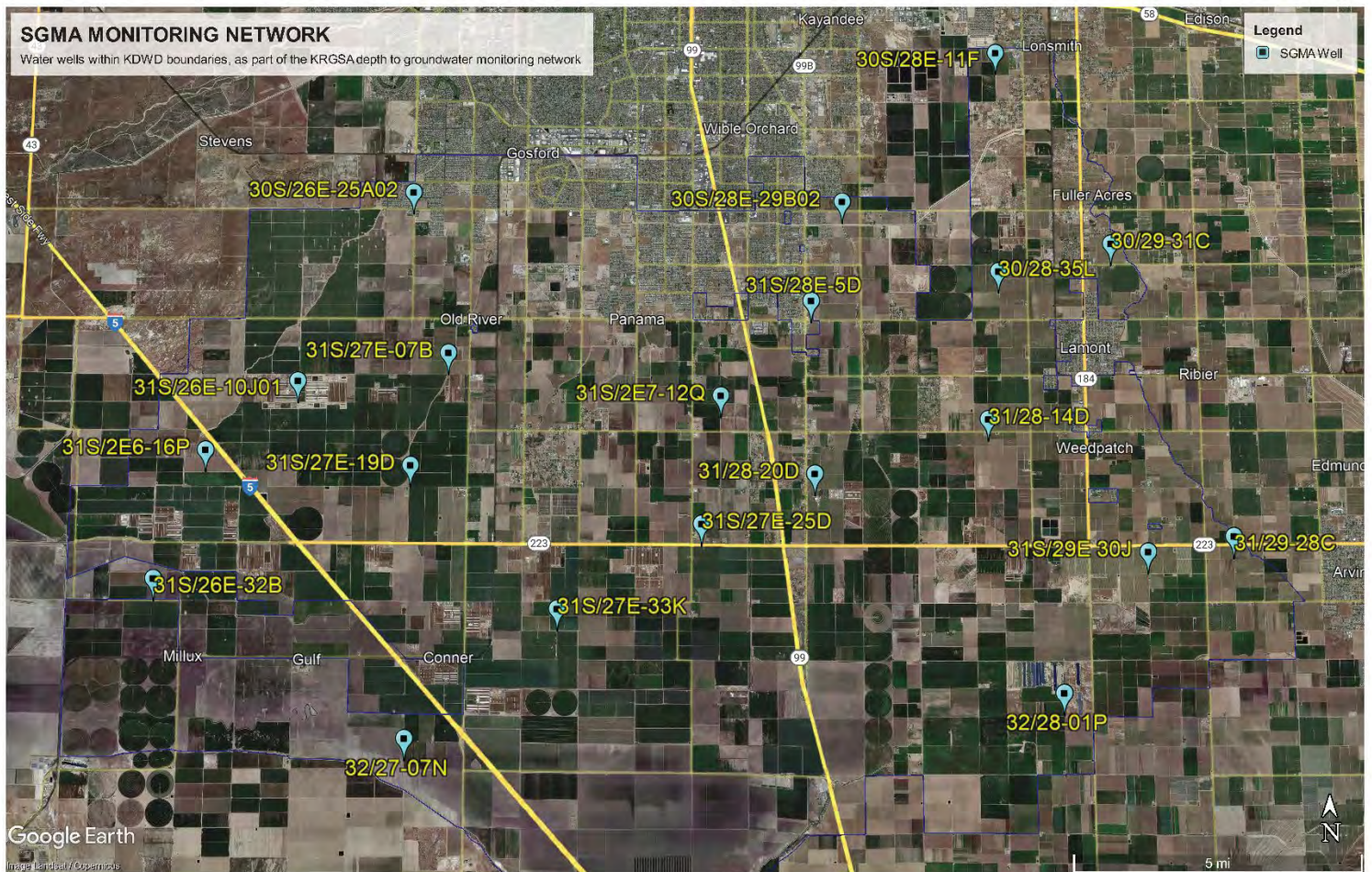
8/10/2023

2023





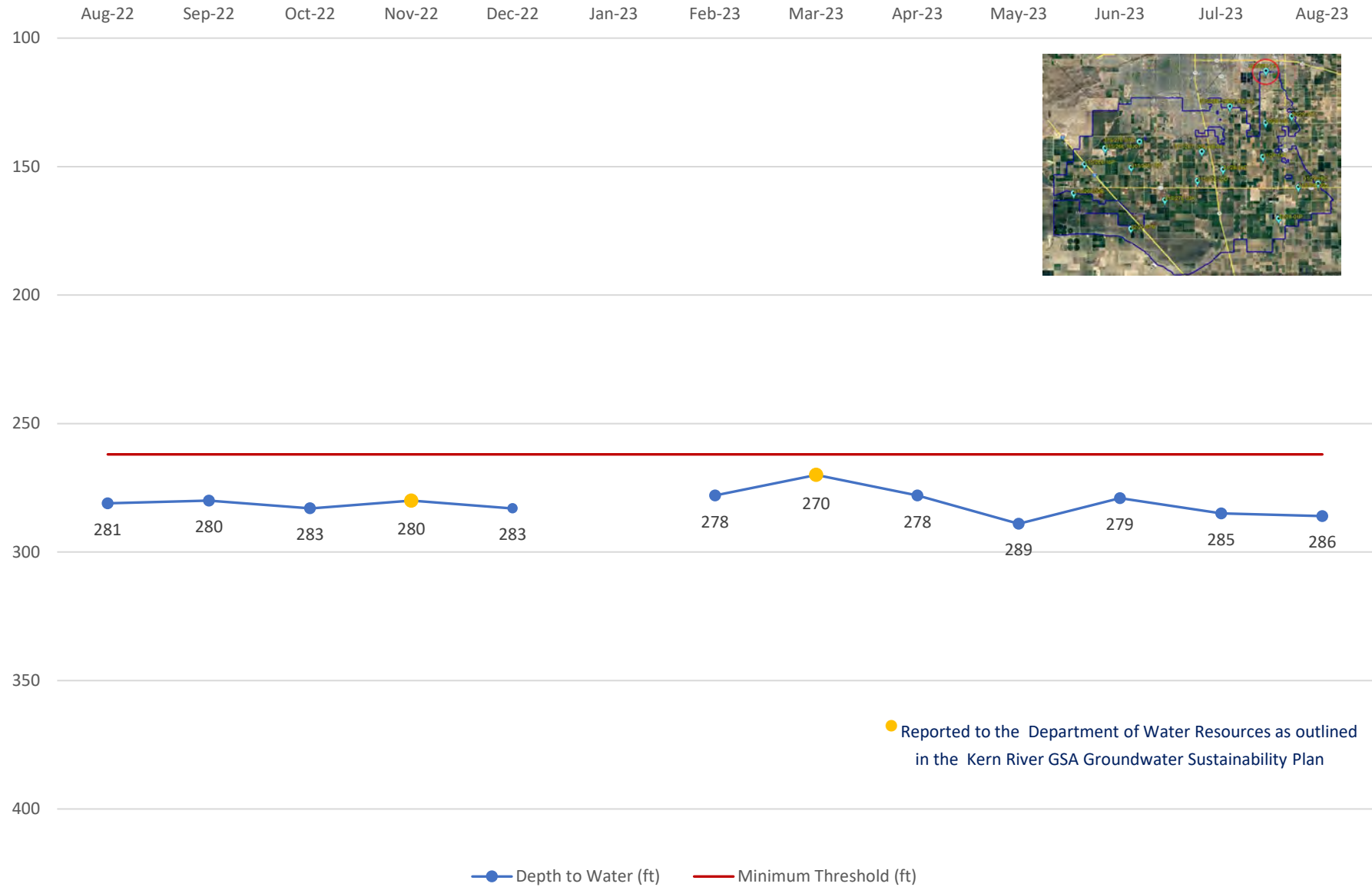
Monthly SGMA Wells Monitoring Report



August 2023

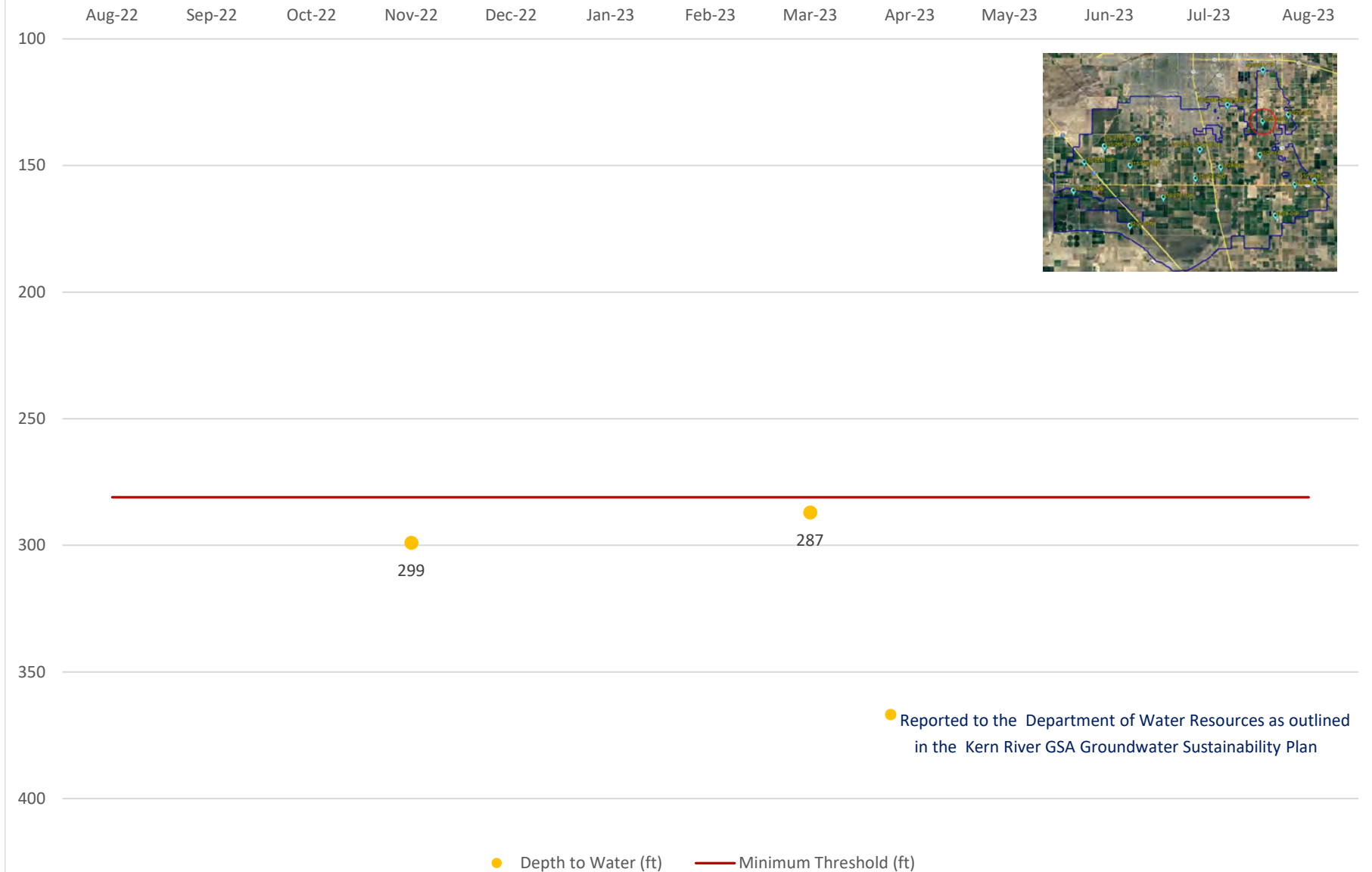
RMW-030 30S/28E-11F

not to exceed 262' (depth to water)



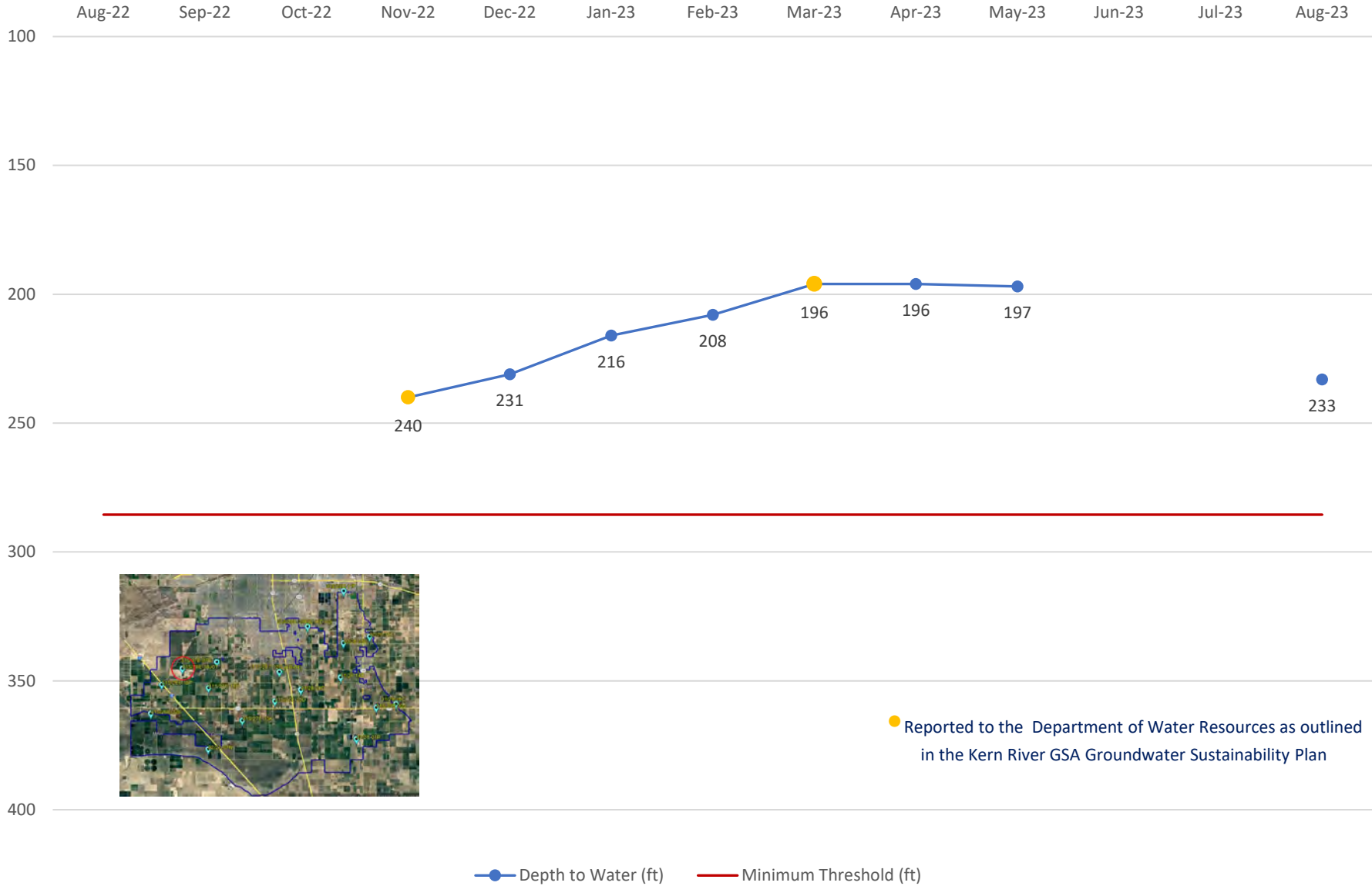
RMW-034 30S/28E-35L

not to exceed 281' (depth to water)



RMW-035R 31S/26E-10J

not to exceed 285.5' (depth to water)



RMW-037 31S/26E-16P

not to exceed 293' (depth to water)



RMW-038 31S/27E-19D

not to exceed 269.9' (depth to water)



RMW-040 31S/27E-25D

not to exceed 250' (depth to water)



RMW-041 31S/29E-30J

not to exceed 336' (depth to water)



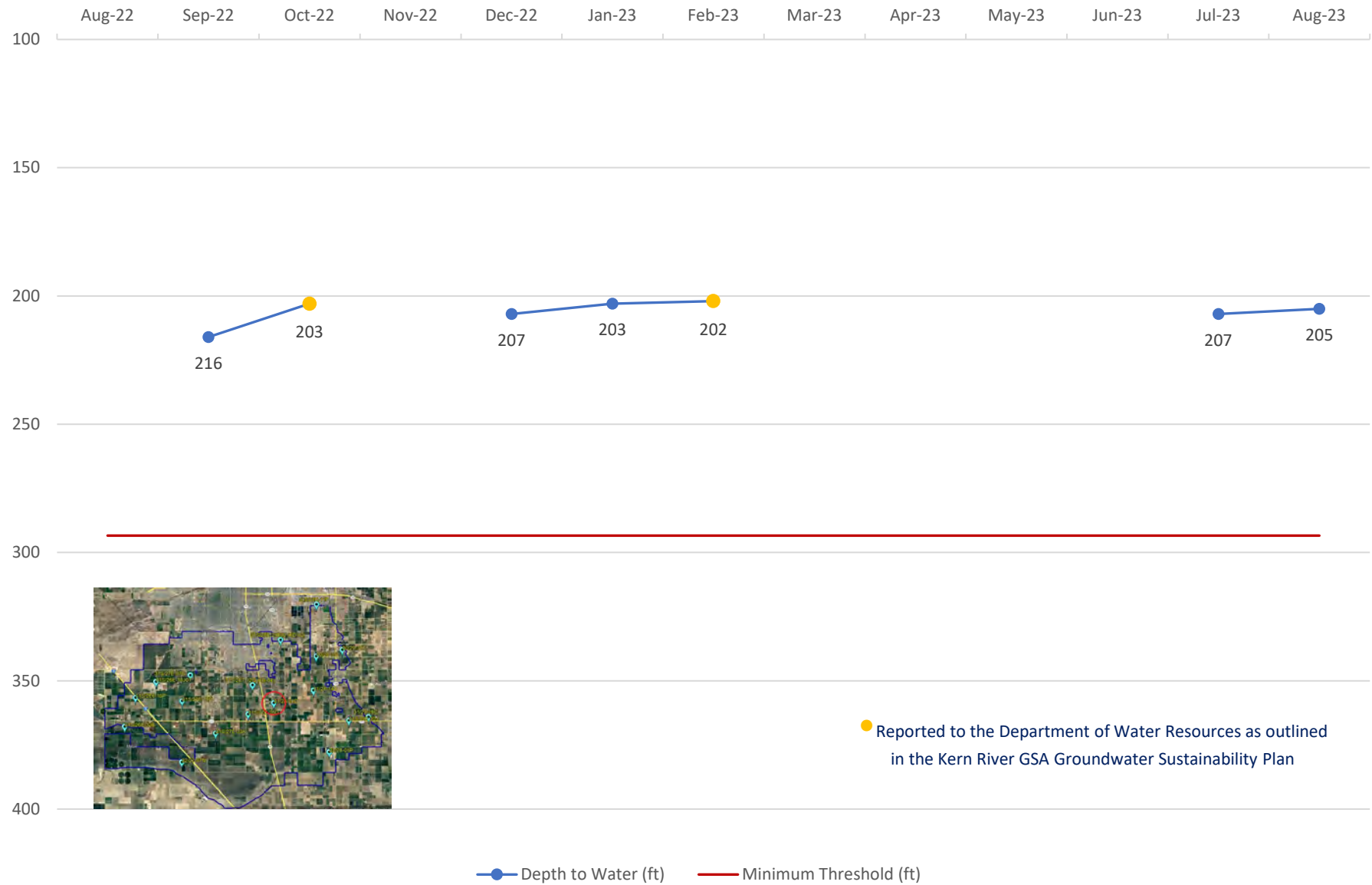
RMW-042 31S/26E-32B

not to exceed 335' (depth to water)



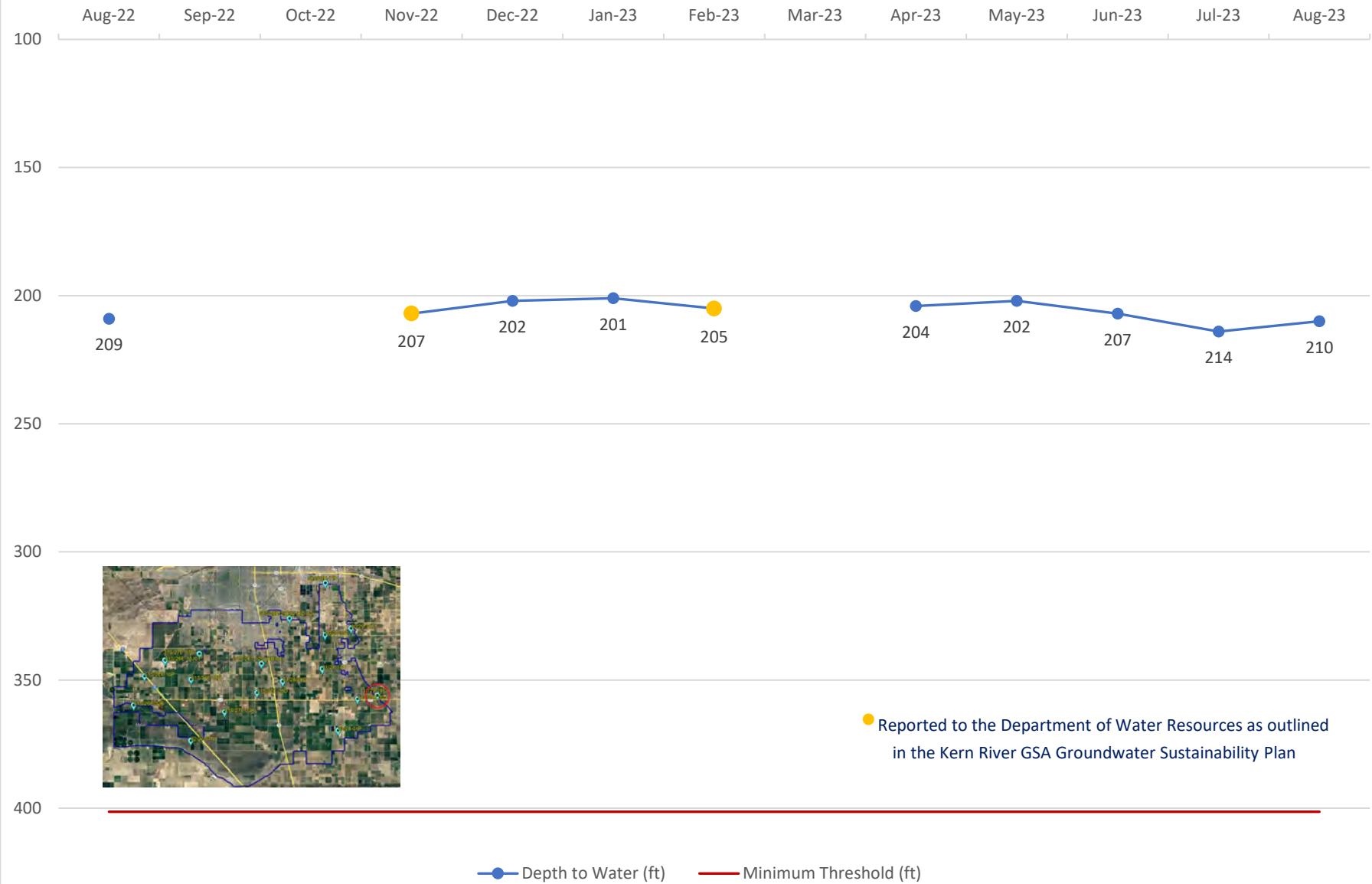
RMW-192 31S/28E-20D

not to exceed 293.4' (depth to water)



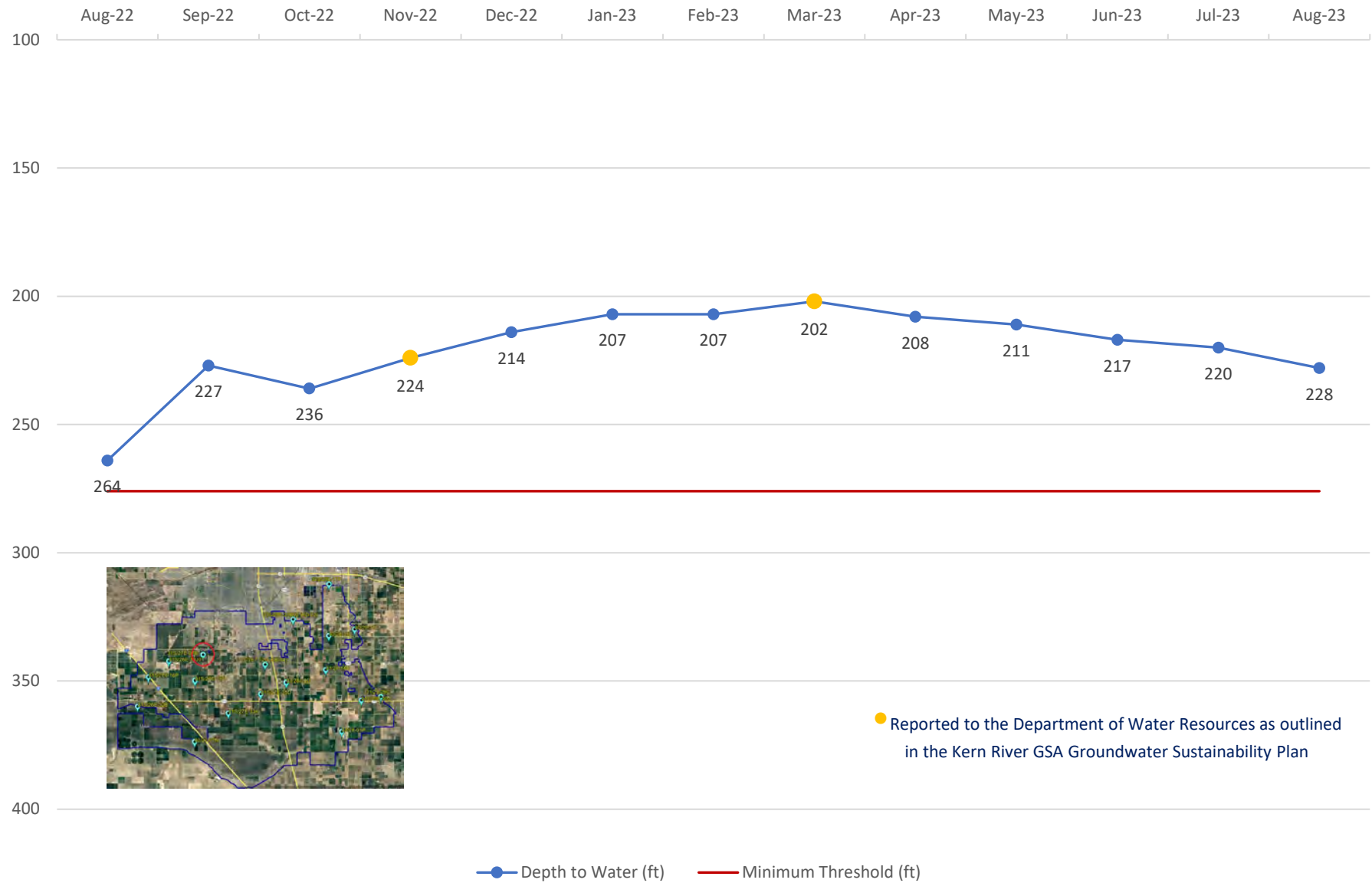
RMW-193 31S/29E-28C

not to exceed 401.4' (depth to water)



RMW-195 31S/27E-07B

not to exceed 276' (depth to water)



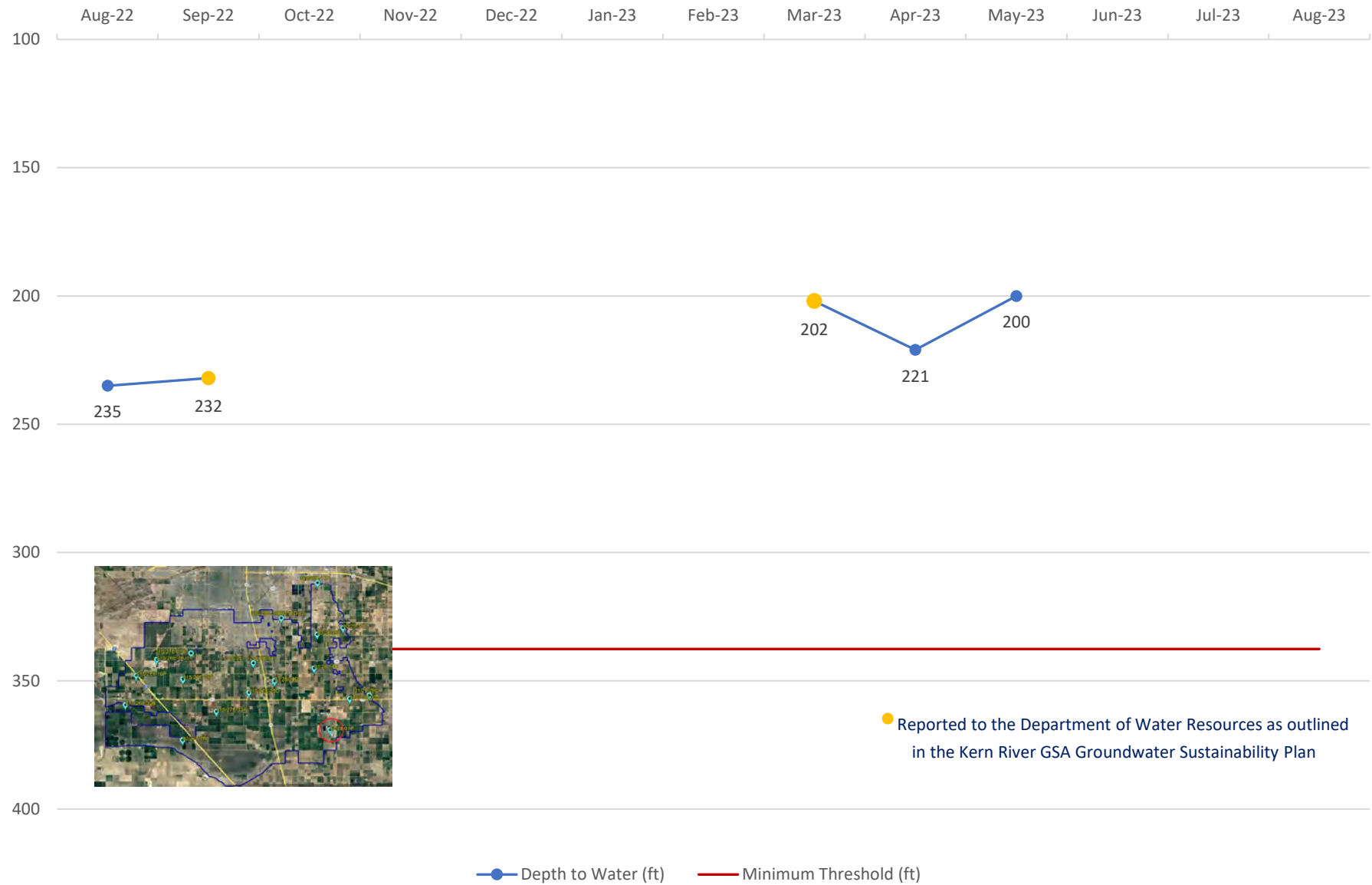
RMW-196 31S/27E-12Q

not to exceed 283' (depth to water)



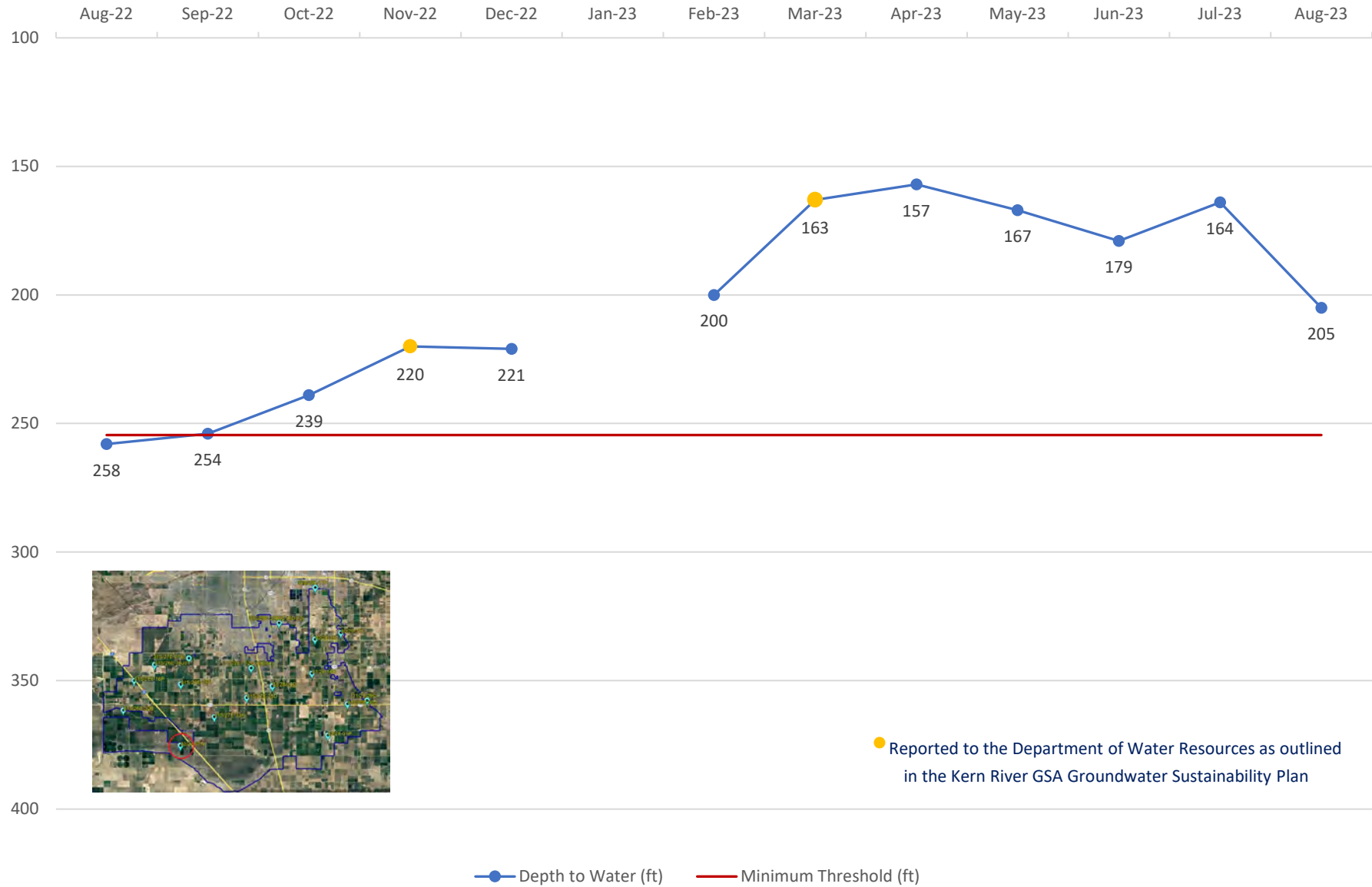
RMW-197 32S/28E-01P

not to exceed 337.6' (depth to water)



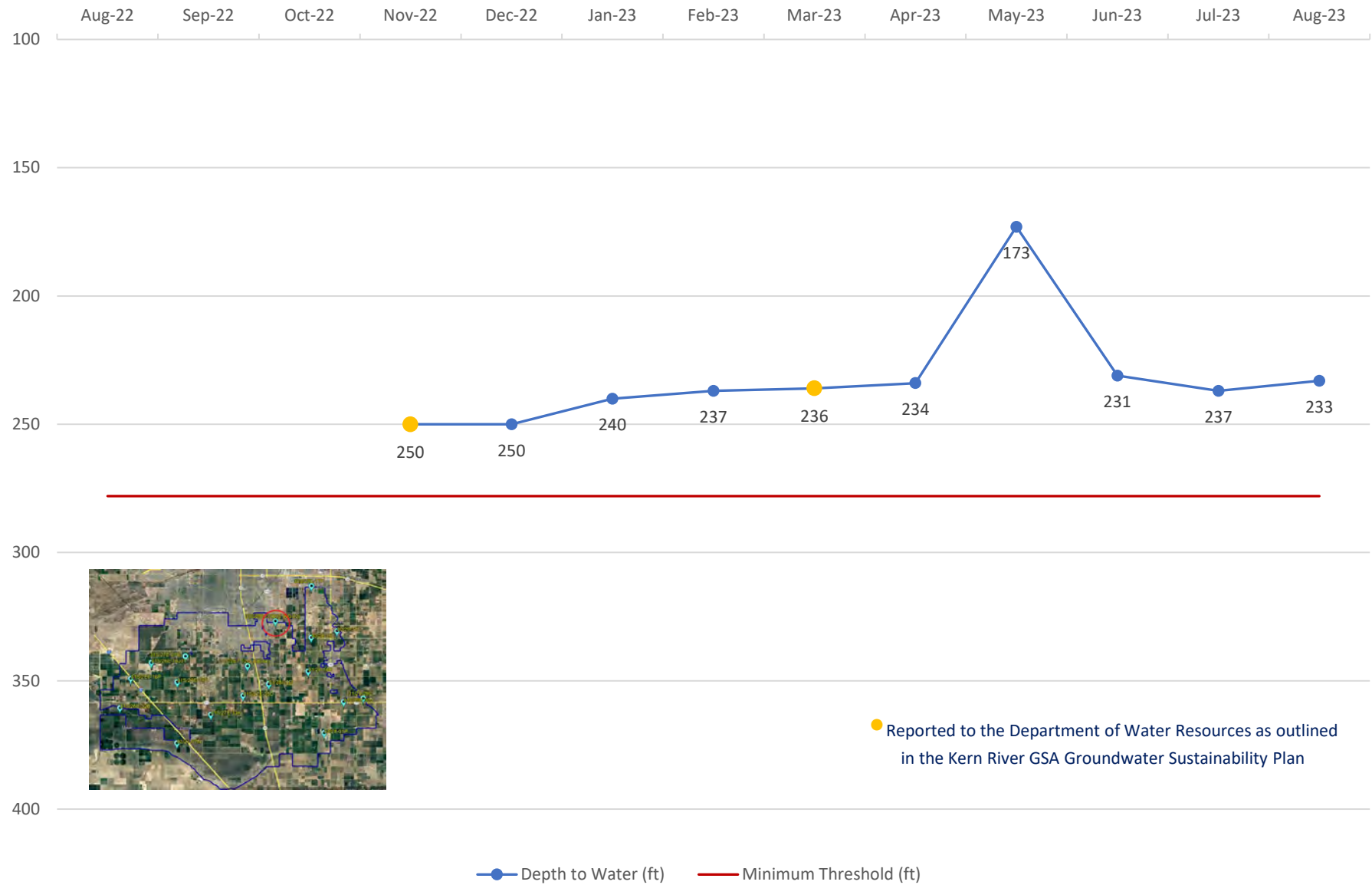
RMW-200 32S/27E-07N

not to exceed 254.5' (depth to water)



RMW-216 30S/28E-29B

not to exceed 278' (depth to water)



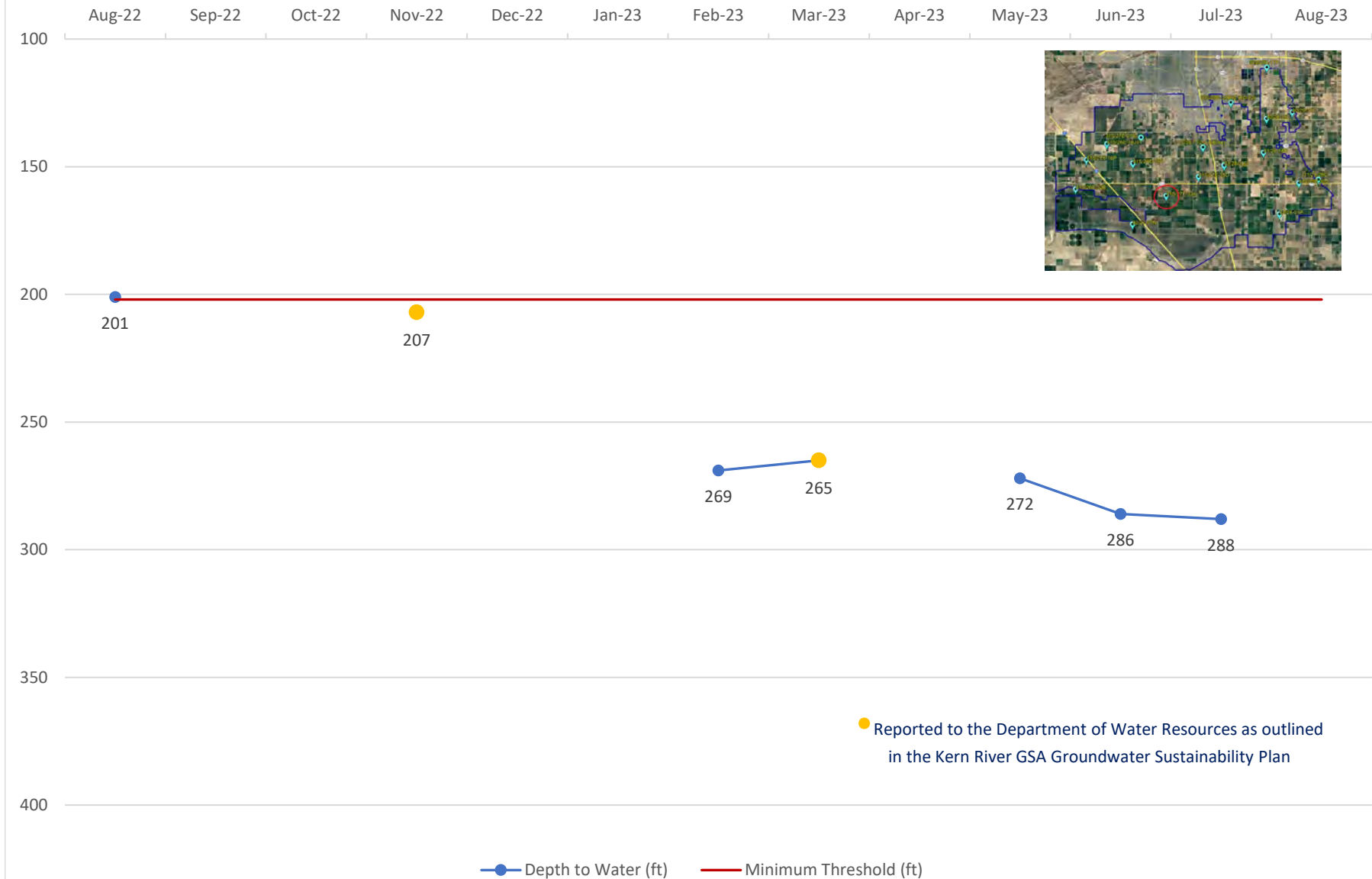
RMW-217 30S/29E-31C

not to exceed 324' (depth to water)



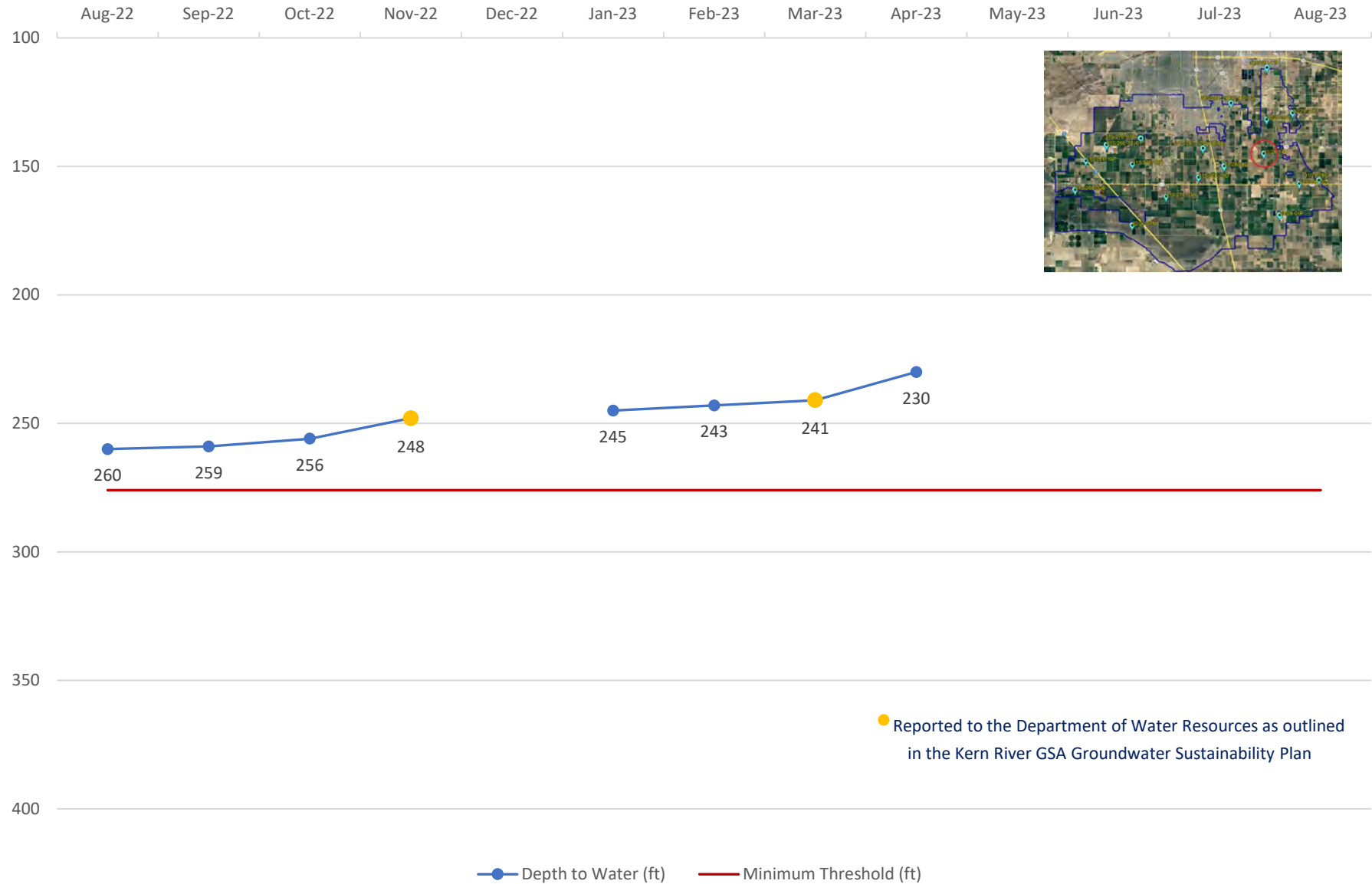
RMW-218 31S/27E-33K

not to exceed 202' (depth to water)



RMW-219 31S/28E-14D

not to exceed 276' (depth to water)



Tab VI



PRELIMINARY AGENDA

TUES 11/28/23

8:00 AM - 9:15 AM
AGRICULTURE COMMITTEE

8:30 AM - 12:00 PM
ACWA JPIA SEMINARS

9:30 AM - 10:45 AM
GROUNDWATER COMMITTEE

11:00 - 12:15 PM
WATER MANAGEMENT COMMITTEE
ENERGY COMMITTEE

12:15 PM - 1:30 PM
COMMITTEE LUNCH

12:30 PM - 1:30 PM
OUTREACH TASK FORCE

1:00 PM - 3:00 PM
ACWA JPIA SEXUAL HARRASSMENT TRAINING

1:45 PM - 3:00 PM
FINANCE COMMITTEE
LOCAL GOVERNMENT COMMITTEE
WATER QUALITY COMMITTEE

3:15 PM - 5:00 PM
COMMUNICATIONS COMMITTEE
FEDERAL AFFAIRS COMMITTEE
LEGAL AFFAIRS COMMITTEE
MEMBERSHIP COMMITTEE

5:00 PM - 6:30 PM
WELCOME RECEPTION
IN THE EXHIBIT HALL

WED 11/29/23

7:30 AM - 8:30 AM
CONTINENTAL BREAKFAST
IN THE EXHIBIT HALL

8:30 AM - 10:00 AM
WELCOME KEYNOTE / MAIN STAGE

- ACWA State of the Association
- Keynote Presentation
- ACWA JPIA Update
- Emissary Award

10:30 AM - 11:45 AM
PROGRAM SESSIONS 

12:00 PM - 1:30 PM
CONNECT IN THE EXHIBIT HALL
NETWORKING BBQ LUNCH

1:30 PM - 2:00 PM
SOLUTION SPOTLIGHTS

- Member Case Study, Associate Service, Demo

1:30 PM - 2:15 PM
WATER TALK / MAIN STAGE

2:30 PM - 3:30 PM
PROGRAM SESSIONS 

3:45 PM - 5:00 PM
REGION 1-10 MEMBERSHIP MEETINGS

5:00 PM - 6:00 PM
ACWA RECEPTION IN THE EXHIBIT HALL

THUR 11/30/23

7:00 AM - 8:00 AM
WELLNESS ACTIVITY

7:30 AM - 11:00 AM
CONNECT IN THE EXHIBIT HALL

7:30 AM - 9:00 AM
CONTINENTAL BREAKFAST
IN THE EXHIBIT HALL

8:30 AM - 10:00 AM
MEDIA TRAINING

8:30 AM - 10:45 AM
ETHICS TRAINING

9:00 AM - 10:00 AM
PROGRAM SESSIONS 

10:15 AM - 11:15 AM
PROGRAM SESSIONS 

11:45 AM - 1:15 PM
KEYNOTE & AWARDS / MAIN STAGE

- Keynote Presentation
- Outreach Awards
- Sponsorship Awards
- Huell Howser Awards
- Steve Hall Scholarship
- Passing of the Gavel

1:30 PM - 3:00 PM
CLOSING LUNCH

Last Updated: 08/03/2023

 Qualify for continuing education credit

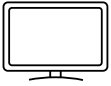
 Designated Recorded Programs TBD

Questions: Email events@acwa.com

Online Registration Deadline: Nov. 17, 2023

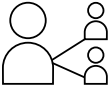
All conference programs are subject to change without notice.

REGISTRATION, MEALS AND HOTEL INFORMATION SHEET



REGISTER ONLINE

Register online by **November 17, 2023** at www.acwa.com to take advantage of the advance pricing.



REGISTER ON SOMEONE'S BEHALF

Select from a list of people affiliated with your company in your account. If the registrant is not listed, you will need to create a Portal profile for the registrant through the ACWA website before registering.

GROUP SAVINGS! Register 5 individuals from the same organization, receive a 6th registration free!
(Subject to [terms and conditions](#).) **Contact Teresa Taylor at TeresaT@acwa.com for more information before registering.**

REGISTRATION OPTIONS <i>Advantage pricing applies to ACWA public agency members, associates & affiliates. Standard pricing applies to non-members of ACWA.</i>	ADVANCE DEADLINE: 11/17/23		ONSITE	
	ADVANTAGE	STANDARD	ADVANTAGE	STANDARD
Full Conference Registration Includes access to Tuesday ACWA Committee meetings, all ACWA conference programs, ACWA meal functions*, ACWA Exhibit Hall, ACWA hosted receptions and access to on-demand designated conference recordings after the live conference. *ACWA meal functions include: Wednesday Continental Breakfast, Wednesday Networking BBQ Lunch, Thursday Continental Breakfast and Thursday Closing Lunch	\$815	\$1,225	\$845	\$1,255
Tuesday Committee Meetings Only (complimentary - must register to attend) Includes Tuesday Committee Box Lunch. Committee meetings are not recorded. Virtual participation is not available.	\$0	\$0	\$0	\$0
One-Day Conference Registration Wednesday, Nov. 29: Includes access to all Wednesday ACWA conference programs, Tue. ACWA Welcome Reception in the Exhibit Hall, Wed. ACWA Reception in the Exhibit Hall, Wed. ACWA Continental Breakfast and Wed. ACWA Networking BBQ Lunch. On-demand designated conference recordings are NOT included. Thursday, Nov. 30: Includes access to all Thursday ACWA conference programs, Thur. ACWA Continental Breakfast and Thur. ACWA Closing Lunch. On-demand designated conference recordings are NOT included.	\$475	\$715	\$505	\$745
Guest Conference Registration Guest registration is not available to anyone with a professional reason to attend. Includes access to ACWA hosted receptions.	\$125	\$125	\$125	\$125
PRE-ORDER: On-Demand Designated Conference Recordings Only Includes on-demand access to designated conference recordings after the live conference. Video recordings will only be available for the Main Stage presentations. All other designated educational programs will only have audio recordings on-demand and PDFs of presentations made available. See preliminary agenda for details.	\$230	\$345	\$230	\$345

HOTEL INFORMATION

You must be registered for the ACWA conference in order to receive hotel reservation information and conference special room rates. **Conference special rates are available August 21 – November 6**, based on availability.

HOTEL & ROOM RATES

Renaissance Esmeralda \$215 per night* + \$10 discounted resort fee

Hyatt Regency \$209 per night* (resort fee waived)

Miramonte \$209 per night* (resort fee waived) reserve by Oct. 13

* Plus applicable state/local taxes & fees

HEALTH & SAFETY

Please check [ACWA's conference page HERE](#) for current health & safety information.

IMPORTANT DATES

The conference hotel room block opens on August 21, 2023.

Deadline for group rate is November 6, 2023

For those **registering for conference prior to August 21**, information on how to reserve your hotel room will be provided via e-mail on August 21.

For those registering for conference from **August 21 to November 6**, your **confirmation e-mail** will include the information on how to reserve your hotel room and an opportunity to receive the conference special hotel rates.



To: Kern Delta Water District Board of Directors

From: Steven Teglia – General Manager

Date: August 15, 2023

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 July 27, 2023.
- Next meeting will be August 24, 2023.
- Notice of Intent to Amend Groundwater Sustainability Plan for the Pioneer GSA.
- Update on Water Transfers, Exchanges and Purchases.
- Adoption of IS/ND for the Tulare Lake Basin Water Storage District KCWA Transfer Program.
- Update on Delta Conveyance Activities.
- Update on CVC and Pioneer Operations.
- 2023 allocation for SWP – 100%.
- Summary of groundwater and overdraft correction accounts (attached).

Kern Fan Authority:

- The KFA meeting of July 26, 2023 was cancelled.
- 2023 Water Supply.
- Review of KCWA Board agenda.
- Pioneer Project.
- Local SGMA activities.
- Other activities (IRWMP/CVSALTS).

Kern River Groundwater Sustainability Agency (KRGSA):

- The KRGSA met July 25, 2023 & August 11, 2023 (agendas attached).
- Basin Coordination Committee update.

Kern Groundwater Authority (KGA):

- The KGA met July 26, 2023 (agenda attached).
- Discussion & Approval of Amended KGA Exceedance Policy.
- Kern Water Bank request to become a GSA.

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

- The KRWCA meeting of August 3, 2023 was canceled.
- Kern Water Collaborative Update.
- 2023 Membership Update.
- On Farm Drinking Water Well reports due Dec. 31, 2023 (BC Labs removed / BSK Labs added).
- Next meeting September 7, 2023.

South Valley Water Resources Authority:

- The SVWRA met July 27, 2023.
- Fish Friendly Diversion Pilot Project update/discussion regarding project funding.
- Blueprint activity update.

Integrated Regional Water Management Plan (IRWMP):

- No recent meetings.

Water Association of Kern County (WAKC):

- The WAKC May met July 25, 2023.
- Lunch Speaker – Kern River Watermaster Mark Mulkay.
- 2024 Budget.
- Water Conservation / Awareness Program Update – Kern County Fair.
- Annual Meeting Dat/Location.



Directors:

Ted R. Page
President
Division 1

Laura Cattani
Division 2

Martin Milobar
Vice President
Division 3

Eric L. Averett
Division 4

Charles (Bill) W. Wulff, Jr.
Division 5

Royce Fast
Division 6

Gene A. Lundquist
Division 7

Thomas D. McCarthy
General Manager

Amelia T. Minaberrigarai
General Counsel

July 28, 2023

Bakersfield City Council
c/o City Clerk
1600 Truxtun Avenue
Bakersfield, CA 93301

Mayor Karen K. Goh
City Hall South
1501 Truxtun Avenue
Bakersfield, CA 93301

Kern County Board of Supervisors
c/o Clerk of the Board of Supervisors
1115 Truxtun Avenue, 5th Floor
Bakersfield, CA 93301

**SUBJECT: NOTICE OF INTENT TO AMEND A GROUNDWATER
SUSTAINABILITY PLAN**

Dear Honorable Mayor, Councilmembers and Supervisors:

Please be advised that the Pioneer Groundwater Sustainability Agency (PGSA) intends to amend its Groundwater Sustainability Plan (GSP) pursuant to the Sustainable Groundwater Management Act for a portion of the Kern County Subbasin (Basin Number 5-22.14, DWR Bulletin 118).

Please consider this correspondence as notice of the PGSA's Intent to Amend its GSP, pursuant to California Water Code section 10728.4., which provides: *A groundwater sustainability agency may adopt or amend a groundwater sustainability plan after a public hearing, held at least 90 days after providing notice to a city or county within the area of the proposed plan or amendment. The groundwater sustainability agency shall review and consider comments from any city or county that receives notice pursuant to this section and shall consult with a city or county that requests consultation within 30 days of receipt of the notice. Nothing in this section is intended to preclude an agency and a city or county from otherwise consulting or commenting regarding the adoption or amendment of a plan.*

Phone No. (661) 634-1400

Mailing Address
3200 Rio Mirada Drive
Bakersfield, CA 93308

Noticed of Intent to Amend a Groundwater Sustainability Plan

July 28, 2023

Page 2 of 2

Should PGSA consider adopting the amended GSP, a public hearing will be held no sooner than 90 days from the date of this notice. If you have any questions regarding the PGSA amended GSP, please do not hesitate to contact me at (661) 634-1400 or lbauer@kcwa.com.

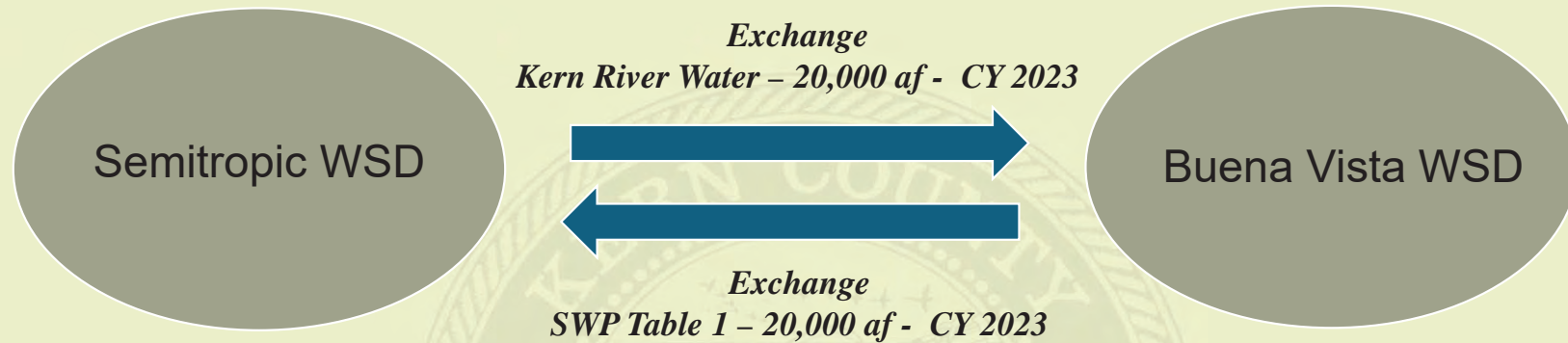
Thank you,

Lauren A. Bauer

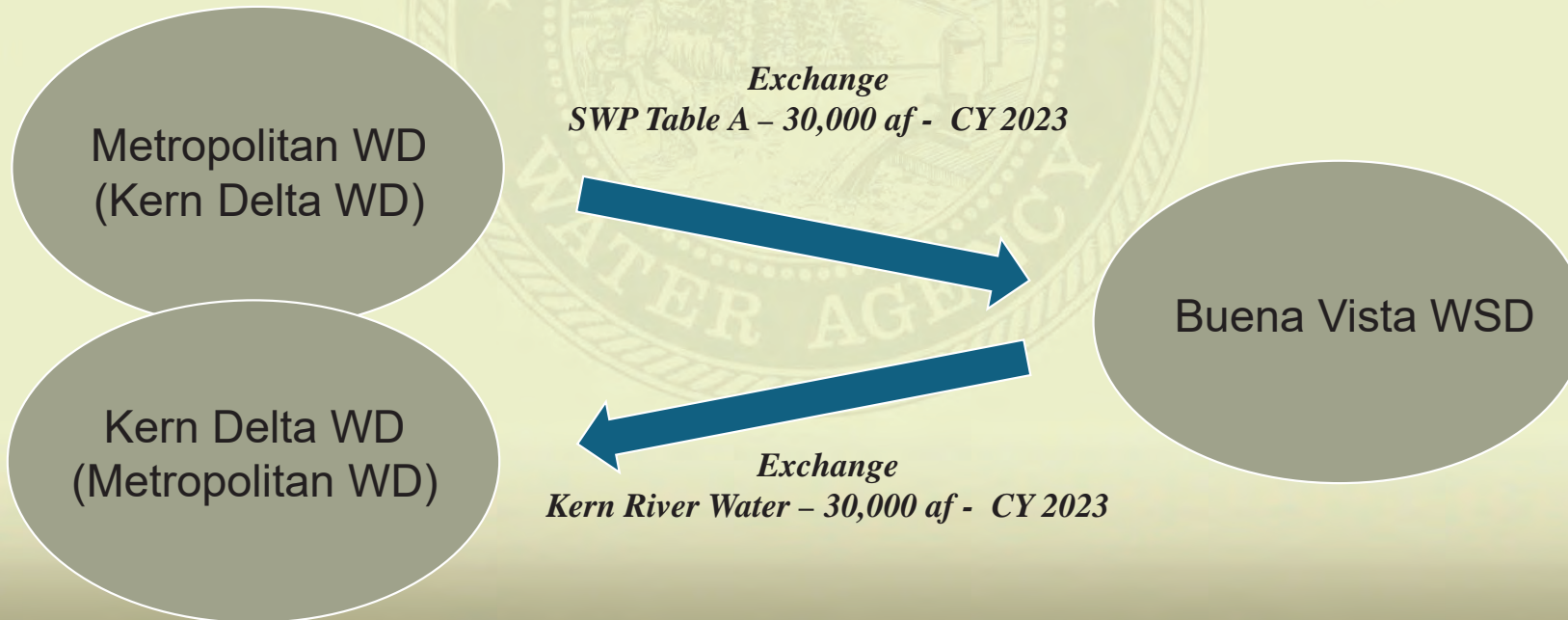
Water Resources Manager

Update on Water Transfers, Exchanges and Purchases

Semitropic WSD/ Buena Vista WSD – Exchange (20,000 af)



Metropolitan WD/ Kern Delta WD/Buena Vista WSD – Exchange (30,000 af)



**Kern County Water Agency
Estimated Summary of Overdraft Correction Accounts
As of June 30, 2023**

Preliminary - Subject to Revision

Quantities in acre-feet

District	Estimated Balance as of December 31, 2022	Estimated Balance as of June 30, 2023				
		Pioneer Property	2800 Acres	Pioneer Project Subtotal	Berrenda Mesa	Kern Water Bank ^[1] Total
Buena Vista WSD	50,601	49,096	0	49,096	0	11,355
Henry Miller WD	69,563	56,091	375	56,466	2,584	24,078
Kern County Water Agency	55,030	35,356	7,121	42,477	0	12,553
Kern Delta WD	84,436	69,518	409	69,927	2,026	24,969
Rosedale-Rio Bravo WSD	219,183	176,043	4,190	180,233	3,220	49,287
Total	478,813	386,104	12,095	398,199	7,830	122,242
						528,271

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

**Kern County Water Agency
Estimated Summary of Groundwater Bank Accounts
As of June 30, 2023**

Preliminary - Subject to Revision

Quantities in acre-feet

District	Estimated Balance as of December 31, 2022	Estimated Balance as of June 30, 2023					
		Pioneer Property	2800 Acres	Pioneer Project Subtotal	Berrenda Mesa	Kern Water Bank	Total
Belridge WSD	66,789	67,725	3,837	71,562	3,271	0	74,833
Berrenda Mesa WD	62,151	60,594	1,735	62,329	20,916	0	83,245
Buena Vista WSD	28,987	44,449	1,939	46,388	0	8,035	54,423
Cawelo WD	0	0	0	0	0	0	0
Dudley Ridge WD	29,334	0	0	0	0	47,401	47,401
Henry Miller WD	5,365	22,891	0	22,891	0	0	22,891
Improvement District No. 4	180,006	40,415	4,725	45,140	0	164,453	209,593
Kern County Water Agency	185,256	103,700	60,099	163,799	3,499	17,958	185,256
Kern Delta WD	23,285	41,763	0	41,763	0	0	41,763
Lost Hills WD	72,891	54,658	23,407	78,065	3,246	0	81,311
Rosedale-Rio Bravo WSD	22,391	43,854	0	43,854	0	0	43,854
Semitropic WSD	209,458	25,983	42	26,025	0	208,158	234,183
Tehachapi-Cummings CWD	5,820	0	0	0	0	5,820	5,820
Tejon-Castac WD	52,344	2,348	1,247	3,595	0	54,465	58,060
Westside Mutual Water Co.	228,577	0	0	0	0	371,797	371,797
Wheeler Ridge-Maricopa WSD	92,948	12,253	14,794	27,047	5,541	161,028	193,616
Total	1,265,602	520,633	111,825	632,458	36,473	1,039,115	1,708,046



Board Members:
Rodney Palla, Chair
Bob Smith, Vice-Chair
Gene Lundquist

KERN RIVER GSA SPECIAL MEETING

Tuesday, July 25, 2023
3:00 p.m.

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

AGENDA

1. **CALL TO ORDER**
2. **ROLL CALL**
3. **PUBLIC STATEMENTS**
4. **NEW BUSINESS**
 - A. Update on Basinwide Alternative Minimum Threshold Options
5. **CLOSED SESSION**
 - A. Conference with Legal Counsel – **Potential Litigation**; Closed session pursuant to Government Code section 54956.9(d)(2),(e)(1): One Matter
6. **CLOSED SESSION ACTION**
7. **COMMITTEE COMMENTS**
8. **ADJOURNMENT**



Board Members:
Rodney Palla, Chair
Bob Smith, Vice-Chair
Gene Lundquist

KERN RIVER GSA SPECIAL MEETING

Friday, August 11, 2023
8:00 a.m.

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

AGENDA

1. **CALL TO ORDER**
2. **ROLL CALL**
3. **PUBLIC STATEMENTS**
4. **APPROVAL OF MINUTES** of the July 6, 2023, Regular Meeting and July 25, 2023, Special Meeting
5. **NEW BUSINESS**
 - A. Update on Kern County Subbasin Coordination Activities
6. **CLOSED SESSION**
 - A. Conference with Legal Counsel – **Potential Litigation**; Closed session pursuant to Government Code section 54956.9(d)(2),(e)(1): One Matter
7. **CLOSED SESSION ACTION**
8. **COMMITTEE COMMENTS**
9. **ADJOURNMENT**

KERN GROUNDWATER AUTHORITY -REVISED

1800 30th Street Ste #390, Bakersfield
Regular Meeting of Board of Directors
July 26, 2023 8:00 a.m.

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/98074114692?pwd=bXRCZ0VXN3RxczNNeDF5bjJMN2hEQT09>

Meeting ID: 980 7411 4692

Passcode: 339906

Telephone Dial-in: (669)900-6833

Kern Groundwater Authority Board of Directors Agenda

This meeting is held in accordance with 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 the Board will handle only those items not needing a quorum.

2. Flag Salute

3. 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.

4. Presentation by the Self-Help – Tami McVay

5. Approval of Minutes

a. **June Regular Board Meeting Minutes***

6. Treasurer's Report

a. **Financial Report & Accounts Payable –June***

7. Attorneys Report

8. Executive Director Report

a. **Discussion & Approval of Amended KGA Exceedance Policy***

* Denotes Action Item

-
- b. Discussion & Approval of Kern Water Bank request to become a GSA*
 - c. Discussion & Approval from Andrea Hill CPA to handle KGA financials*
 - d. Discussion & Approval of signatories for the KGA checking account*
 - e. Accomplishments & 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)(2)(two matter)(one is Temporary Associate Membership Agreement)
- b. Employee Appointment/Recruitment – (Government Code Section 54957)

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.



To: Kern Delta Water District Board of Directors

From: Steven Teglia – General Manager

Date: August 15, 2023

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 August 8, 2023, Kern Fan groundwater recharge was approximately 1,547cfs a day, as reported via KCWA weekly call.
- See attached graphs provided by KCWA for Kern Fan banking information through June 30, 2023.

Pioneer Participant Meeting:

- The Pioneer Project Participants met August 3, 2023.
- Update on current operations.
- Discussion of the Pioneer GSA.

Kern Fan Monitoring Committee:

- The Kern Fan Monitoring Committee meeting of July 19, 2023 was canceled.
- Update on reports.
- Review of water level monitoring hydrographs.
- Next meeting September 20, 2023

KDWD Water Banking Project:

- The District has stopped returning regulated water to MWD as of March 12th.
- MWD has requested the District receive banking program water from MWD in 2023.
- The District is actively working to bring in up to 30,000af of water from MWD in 2023.

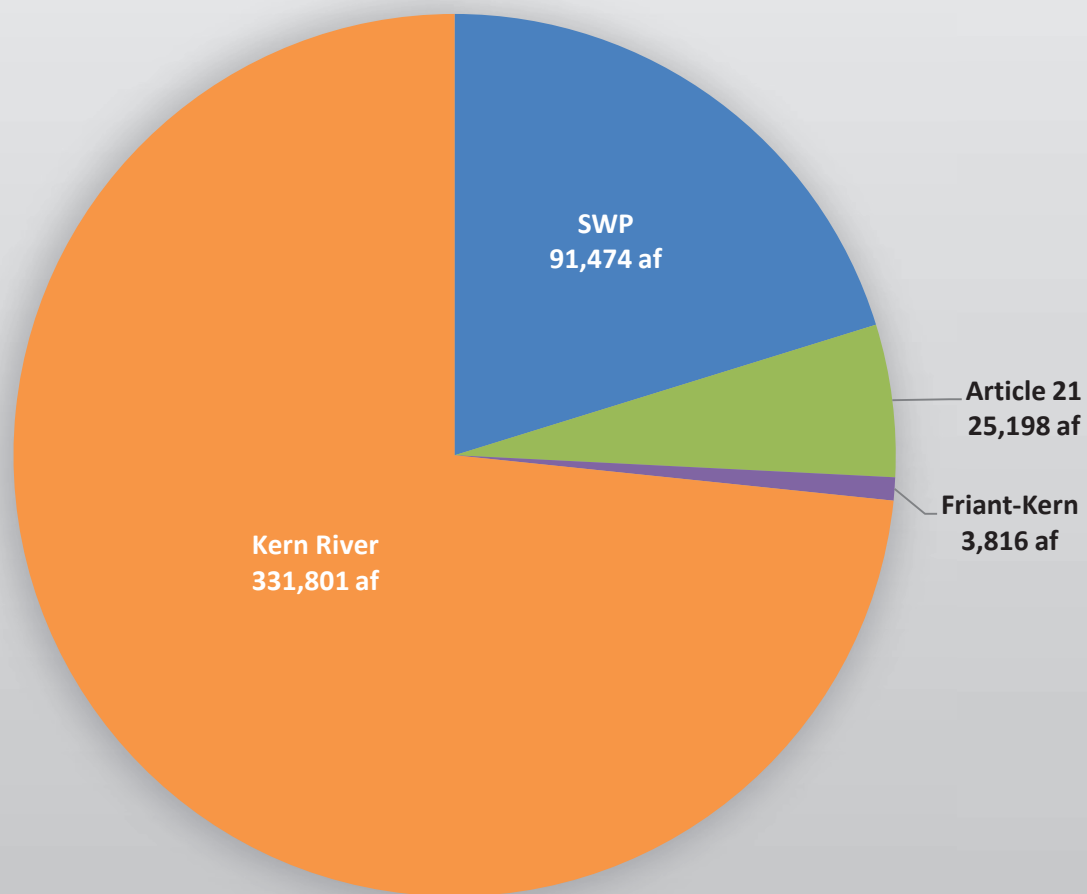
Cross Valley Canal Advisory Committee:

- The CVC Advisory Committee meeting of July 26, 2023 was canceled.
- Report on CVC operations.
- See attached graphs provided by KCWA regarding CVC utilization.

**2023 Estimated Kern Fan Banking Project Deliveries
(by Water Type)**

Deliveries through June 30, 2023

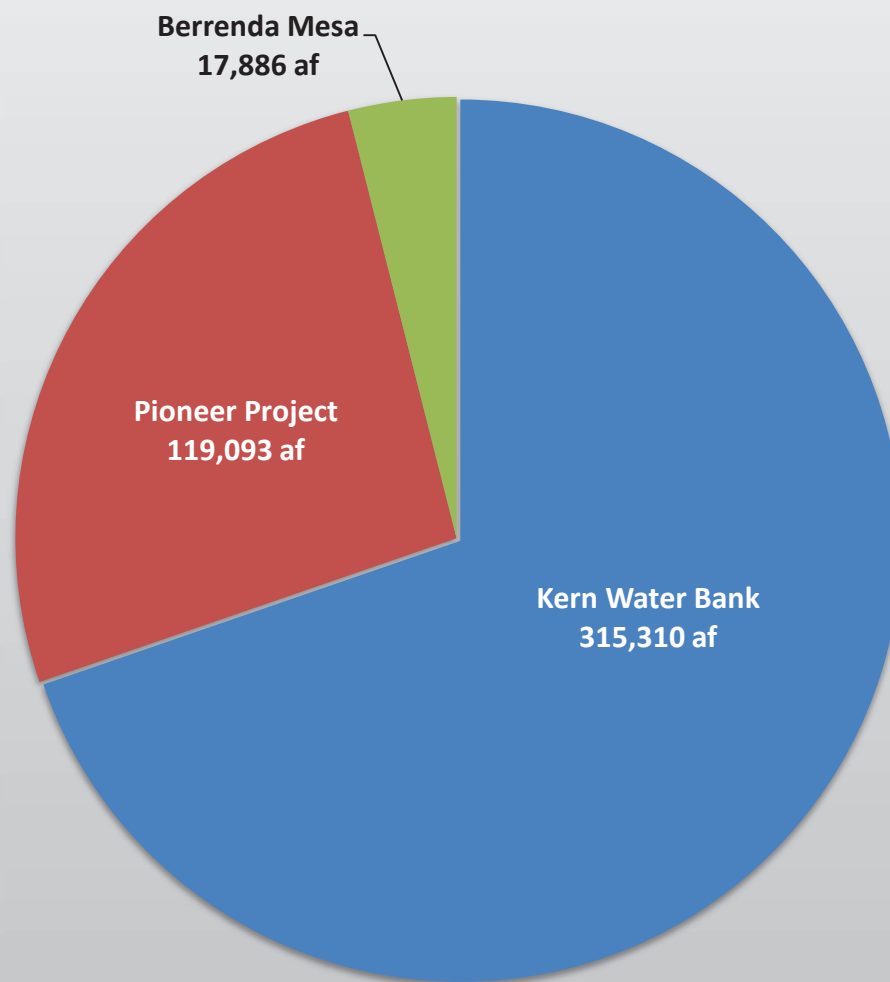
Total Deliveries 452,289 af



2023 Estimated Kern Fan Banking Project Deliveries (by Project)

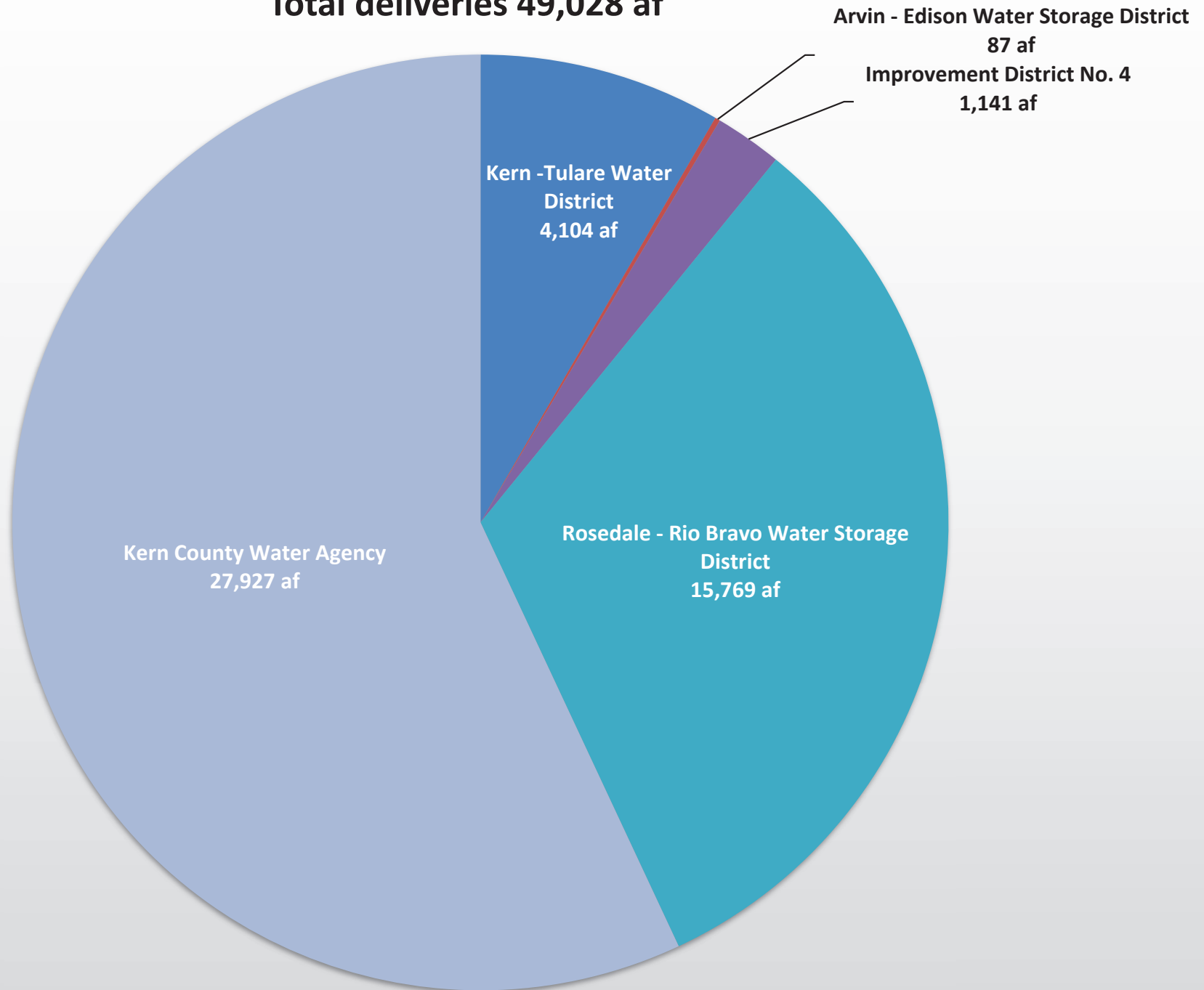
Deliveries through June 30, 2023

Total Deliveries 452,289 af



**Cross Valley Canal
June 2023 Deliveries
Total deliveries 49,028 af**

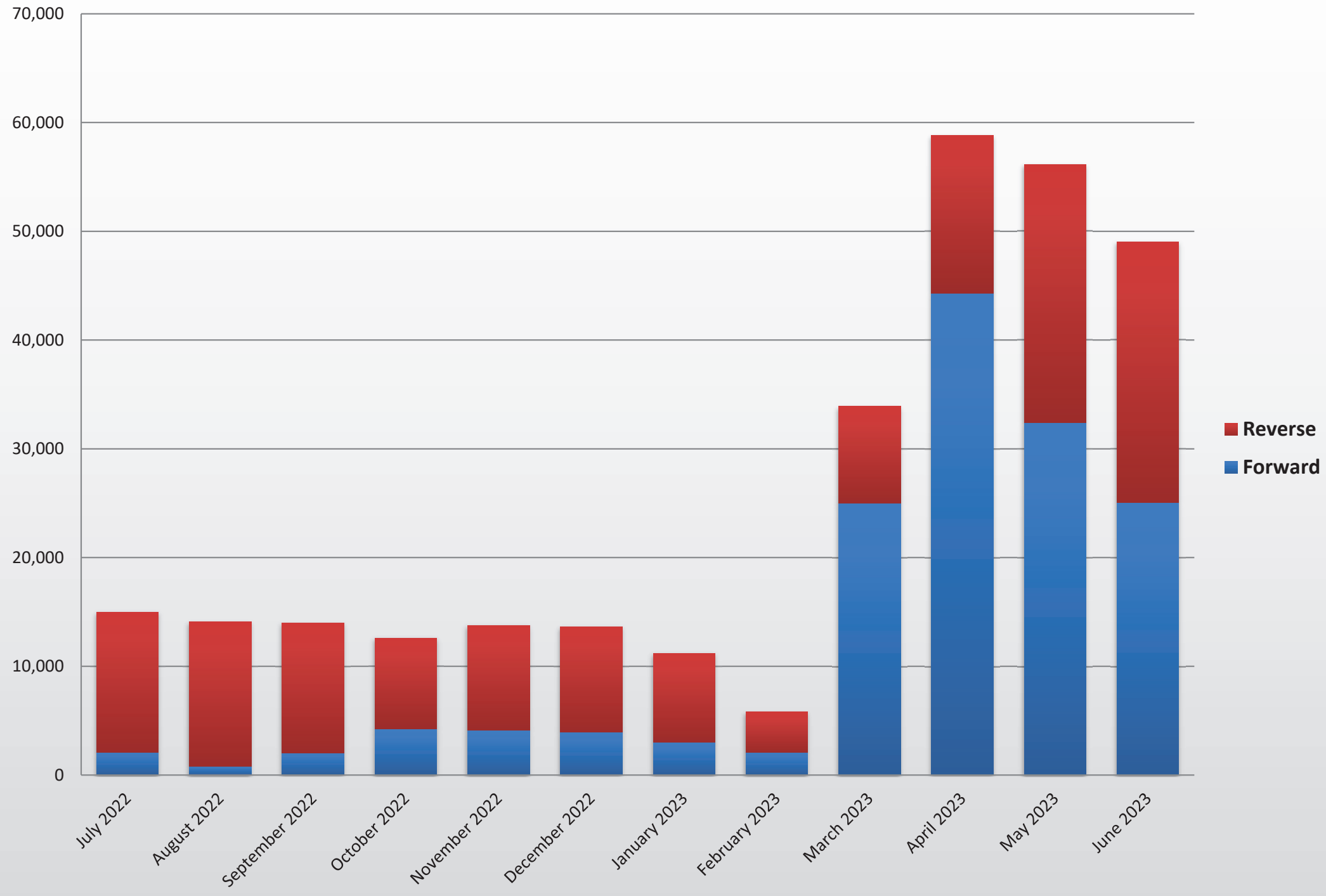
Attachment 2



Cross Valley Canal

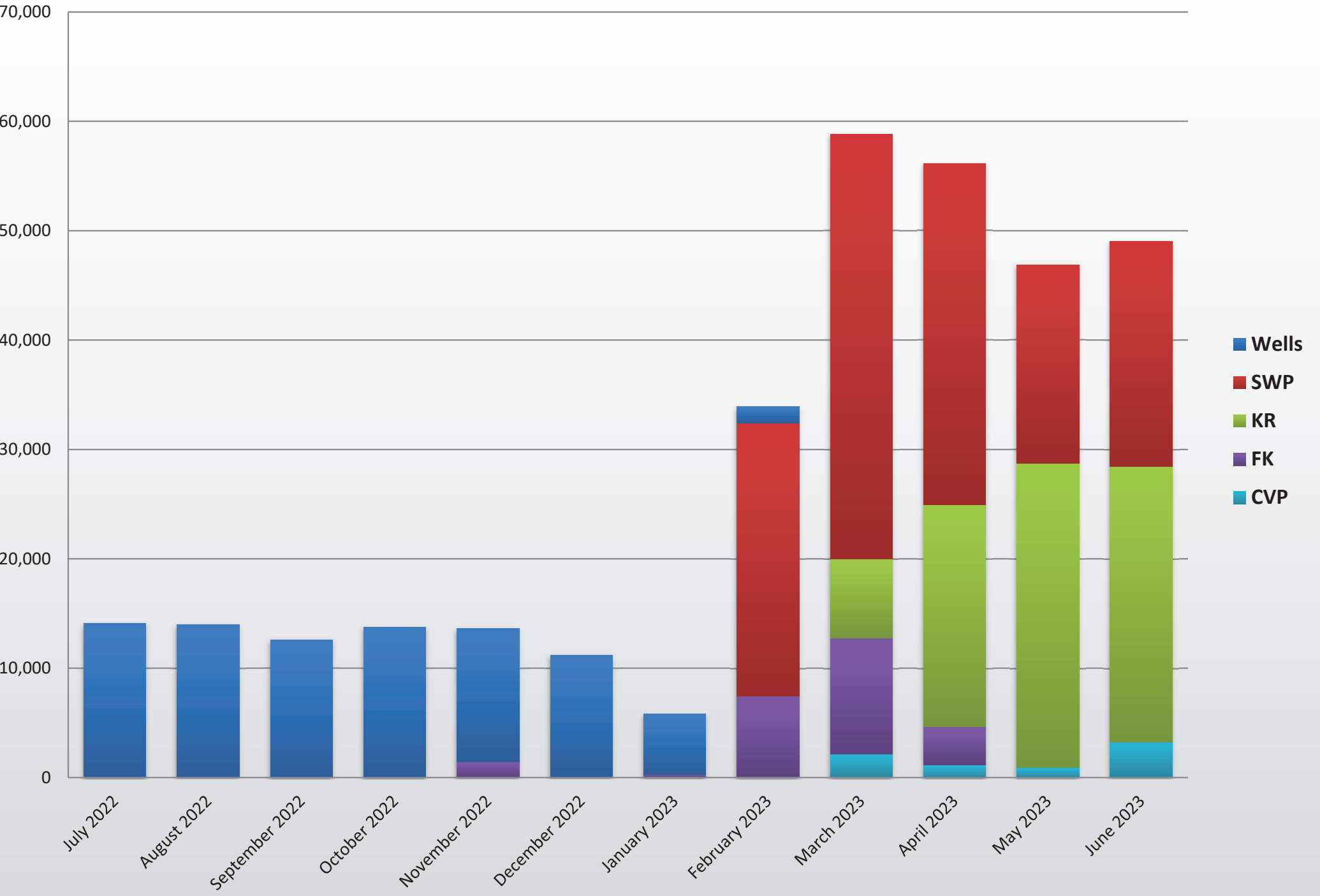
Twelve Month Delivery by Direction

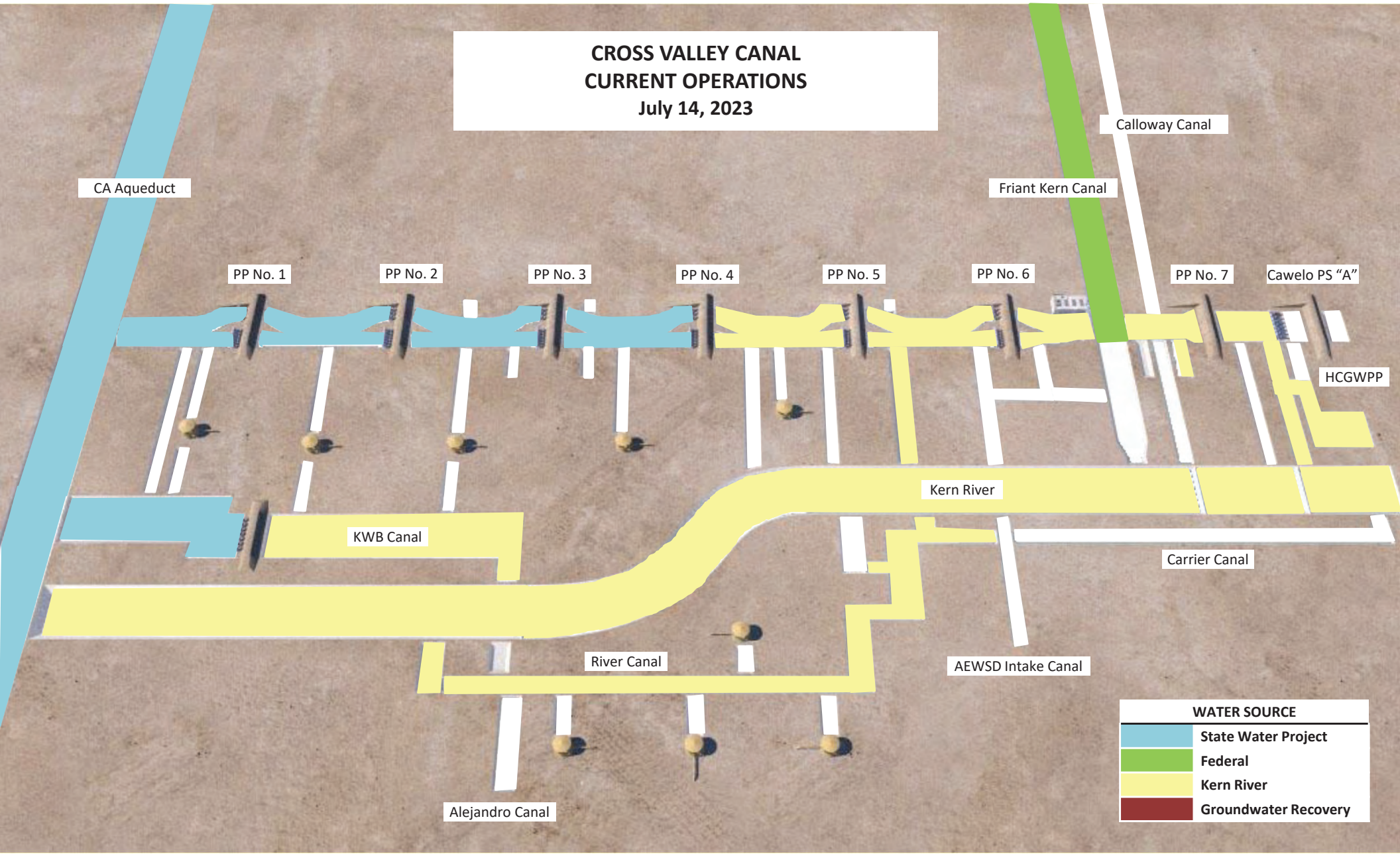
Attachment 3



Cross Valley Canal

Twelve Month Delivery by Source





Cross Valley Canal
Pump and Flow Configuration
 Last Updated on July 14, 2023

'A' Pumping Plants												'B' Pumping Plants					Total cfs
		A	B	C	D	E	F	G	H	J	Total cfs	K	L	M	N	Total cfs	
Pumping Plant No. 1	Estimated Horsepower	100	250	565	565	565	565	250	100			800	800	800			
	Estimated Flow Rate (cfs)	31	70	180	180	180	Service	70	31		742	167	167	167		500	1,242
Pumping Plant No. 2	Estimated Horsepower	100	250	565	565	400	565	250	100			700	700	700			
	Estimated Flow Rate (cfs)	Service	70	180	180	Service	180	70	31		711	167	167	167		500	1,211
Pumping Plant No. 3	Estimated Horsepower	100	250	565	565	565	250	100	250	100		700	700	700			
	Estimated Flow Rate (cfs)	Service	70	180	180	180	70	Service	70	31	781	167	167	167		500	1,281
Pumping Plant No. 4	Estimated Horsepower	100	250	565	565	565	250	100	250	100		700	700	700			
	Estimated Flow Rate (cfs)	31	Service	180	180	180	70	31	70	Service	742	167	167	167		500	1,242
Pumping Plant No. 5	Estimated Horsepower	100	250	565	565	565	250	100	250	100		700	700	700			
	Estimated Flow Rate (cfs)	31	70	180	180	180	70	31	70	31	843	Service	Service	Service		0	843
Pumping Plant No. 6	Estimated Horsepower	100	250	565	565	565	250	250	100			200	600	600	350		
	Estimated Flow Rate (cfs)	31	Service	180	180	180	70	70	Service		711	40	193	193	90	516	1,227
Pumping Plant No. 7	Estimated Horsepower	100	250	250	250	250	100										
	Estimated Flow Rate (cfs)	31	70	70	70	70	Service				311						311

Tab VII



**Valley Ag Water Coalition
2023-24 Regular Session, First Year**

AB 30

(Ward D) Atmospheric rivers: research: reservoir operations.

Current Text: Amended: 6/26/2023 [html](#) [pdf](#)

Introduced: 12/5/2022

Last Amend: 6/26/2023

Status: 7/13/2023-Read third time. Passed. Ordered to the Assembly. (Ayes 37. Noes 0.). In Assembly. Concurrence in Senate amendments pending. May be considered on or after August 11 pursuant to Assembly Rule 77.

Is Urgency: N

Is Fiscal: Y

Location: 7/13/2023-A. CONCURRENCE

Summary: Current law establishes the Atmospheric Rivers: Research, Mitigation, and Climate Forecasting Program in the Department of Water Resources. Current law requires the department, upon an appropriation for purposes of the program, to research climate forecasting and the causes and impacts that climate change has on atmospheric rivers, to operate reservoirs in a manner that improves flood protection, and to reoperate flood control and water storage facilities to capture water generated by atmospheric rivers. This bill would rename that program the Atmospheric Rivers Research and Forecast Improvement Program: Enabling Climate Adaptation Through Forecast-Informed Reservoir Operations and Hazard Resiliency (AR/FIRO) Program. The bill would require the department to research, develop, and implement new observations, prediction models, novel forecasting methods, and tailored decision support systems to improve predictions of atmospheric rivers and their impacts on water supply, flooding, post-wildfire debris flows, and environmental conditions.

Position

Favor

AB 62

(Mathis R) Statewide water storage: expansion.

Current Text: Amended: 4/20/2023 [html](#) [pdf](#)

Introduced: 12/6/2022

Last Amend: 4/20/2023

Status: 5/19/2023-Failed Deadline pursuant to Rule 61(a)(5). (Last location was APPR. SUSPENSE FILE on 5/10/2023)(May be acted upon Jan 2024)

Is Urgency: N

Is Fiscal: Y

Location: 5/19/2023-A. 2 YEAR

Summary: Current law establishes within the Natural Resources Agency the State Water Resources Control Board and the California regional water quality control boards. Current law requires the work of the state board to be divided into at least 2 divisions, known as the Division of Water Rights and the Division of Water Quality. This bill would establish a statewide goal to increase above- and below-ground water storage capacity by a total of 3,700,000 acre-feet by the year 2030 and a total of 4,000,000 acre-feet by the year 2040. The bill would require the Department of Water Resources, in consultation with the state board, to take reasonable actions to promote or assist efforts to achieve the statewide goal, as provided. The bill would require the department, beginning July 1, 2027, and on or before July 1 every 2 years thereafter until January 1, 2043, in consultation with the state board, to prepare and submit a report to the Legislature on the progress made to achieve the statewide goal.

Position

Favor

AB 66

(Mathis R) Natural Resources Agency: water storage projects: permit approval.

Current Text: Amended: 3/29/2023 [html](#) [pdf](#)

Introduced: 12/6/2022

Last Amend: 3/29/2023

Status: 5/19/2023-Failed Deadline pursuant to Rule 61(a)(5). (Last location was APPR. SUSPENSE FILE on 4/19/2023)(May be acted upon Jan 2024)

Is Urgency: N

Is Fiscal: Y

Location: 5/19/2023-A. 2 YEAR

Summary: Current law establishes the Natural Resources Agency, composed of departments, boards, conservancies, and commissions responsible for the restoration, protection, and management of the state's natural and cultural resources. Current law establishes in the agency the Department of Water Resources, which manages and undertakes planning with regard to water resources in the state. This bill would require the agency, and each department, board, conservancy, and commission within the agency, to take all reasonable steps to approve the necessary permits for specified projects that meet certain employment conditions within 180 days from receiving a complete permit application.

Position

Favor

AB 340 (Fong, Vince R) California Environmental Quality Act: grounds for noncompliance.

Current Text: Introduced: 1/30/2023 [html](#) [pdf](#)

Introduced: 1/30/2023

Status: 4/28/2023-Failed Deadline pursuant to Rule 61(a)(2). (Last location was NAT. RES. on 2/9/2023)(May be acted upon Jan 2024)

Is Urgency: N

Is Fiscal: Y

Location: 4/28/2023-A. 2 YEAR

Summary: The California Environmental Quality Act (CEQA) prohibits an action or proceeding from being brought in a court to challenge the approval of a project by a public agency unless the alleged grounds for noncompliance are presented to the public agency orally or in writing by a person during the public comment period provided by CEQA or before the close of the public hearing on the project before the issuance of the notice of determination. This bill would require the alleged grounds for noncompliance with CEQA presented to the public agency in writing be presented at least 10 days before the public hearing on the project before the issuance of the notice of determination. The bill would prohibit the inclusion of written comments presented to the public agency after that time period in the record of proceedings and would prohibit those documents from serving as basis on which an action or proceeding may be brought.

Position

Favor

AB 396 (Fong, Vince R) Dams.

Current Text: Introduced: 2/2/2023 [html](#) [pdf](#)

Introduced: 2/2/2023

Status: 5/5/2023-Failed Deadline pursuant to Rule 61(a)(3). (Last location was PRINT on 2/2/2023) (May be acted upon Jan 2024)

Is Urgency: N

Is Fiscal: N

Location: 5/5/2023-A. 2 YEAR

Summary: Current law regulates the construction and operation of dams and exempts certain structures for these purposes. Current law requires the owner of such exempt structures to employ a registered civil engineer to supervise the structure, as prescribed. This bill would make nonsubstantive changes to the above provision.

Position

Watch

AB 422 (Alanis R) Natural Resources Agency: statewide water storage: tracking.

Current Text: Introduced: 2/2/2023 [html](#) [pdf](#)

Introduced: 2/2/2023

Status: 4/28/2023-Failed Deadline pursuant to Rule 61(a)(2). (Last location was W.,P. & W. on 2/9/2023)(May be acted upon Jan 2024)

Is Urgency: N

Is Fiscal: Y

Location: 4/28/2023-A. 2 YEAR

Summary: Would require the Natural Resources Agency, on or before June 1, 2024, to post on its publicly available internet website information tracking the progress to increase statewide water storage, and to keep that information updated.

Position

Favor

AB 429 (Bennett D) Groundwater wells: permits.

Current Text: Amended: 3/2/2023 [html](#) [pdf](#)

Introduced: 2/6/2023

Last Amend: 3/2/2023

Status: 4/28/2023-Failed Deadline pursuant to Rule 61(a)(2). (Last location was W.,P. & W. on 3/2/2023)(May be acted upon Jan 2024)

Is Urgency: N

Is Fiscal: Y

Location: 4/28/2023-A. 2 YEAR

Summary: Current law requires the State Water Resources Control Board to adopt a model water well, cathodic protection well, and monitoring well drilling and abandonment ordinance implementing certain standards for water well construction, maintenance, and abandonment and requires each

county, city, or water agency, where appropriate, not later than January 15, 1990, to adopt a water well, cathodic protection well, and monitoring well drilling and abandonment ordinance that meets or exceeds certain standards. Under current law, if a county, city, or water agency, where appropriate, fails to adopt an ordinance establishing water well, cathodic protection well, and monitoring well drilling and abandonment standards, the model ordinance adopted by the state board is required to take effect on February 15, 1990, and is required to be enforced by the county or city and have the same force and effect as if adopted as a county or city ordinance. The Sustainable Groundwater Management Act requires all groundwater basins designated as high- or medium-priority basins by the Department of Water Resources that are designated as basins subject to critical conditions of overdraft to be managed under a groundwater sustainability plan or coordinated groundwater sustainability plans by January 31, 2020, and requires all other groundwater basins designated as high- or medium-priority basins to be managed under a groundwater sustainability plan or coordinated groundwater sustainability plans by January 31, 2022, except as specified. This bill would, if 1% of domestic wells go dry in a critically overdrafted basin, as specified, prohibit a county, city, or any other water well permitting agency from approving a permit for a new groundwater well or for an alteration to an existing well in a basin subject to the act and classified as a critically overdrafted basin unless specified conditions are met.

Position

Oppose

AB 460 (Bauer-Kahan D) State Water Resources Control Board: water rights and usage: interim relief: procedures.

Current Text: Amended: 5/18/2023 [html](#) [pdf](#)

Introduced: 2/6/2023

Last Amend: 5/18/2023

Status: 6/27/2023-In committee: Set, first hearing. Hearing canceled at the request of author.

Is Urgency: N

Is Fiscal: Y

Location: 6/7/2023-S. N.R. & W.

Summary: Current law authorizes the State Water Resources Control Board to investigate all streams, stream systems, lakes, or other bodies of water, take testimony relating to the rights to water or the use of water, and ascertain whether water filed upon or attempted to be appropriated is appropriated under the laws of the state. Current law requires the board to take appropriate actions to prevent waste or the unreasonable use of water. This bill would authorize the board, in conducting specified investigations or proceedings to inspect the property or facilities of a person or entity, as specified. The bill would authorize the board, if consent is denied for an inspection, to obtain an inspection warrant, as specified, or in the event of an emergency affecting public health and safety, to conduct an inspection without consent or a warrant.

Position

Oppose

AB 560 (Bennett D) Sustainable Groundwater Management Act: groundwater adjudication.

Current Text: Amended: 6/26/2023 [html](#) [pdf](#)

Introduced: 2/8/2023

Last Amend: 6/26/2023

Status: 7/12/2023-From committee: Do pass and re-refer to Com. on APPR. (Ayes 8. Noes 2.) (July 11). Re-referred to Com. on APPR.

Is Urgency: N

Is Fiscal: Y

Location: 7/12/2023-S. APPR.

Summary: Current law prohibits a court from approving entry of judgment in certain adjudication actions for a basin required to have a groundwater sustainability plan under the Sustainable Groundwater Management Act, unless the court finds that the judgment would not substantially impair the ability of a groundwater sustainability agency, the State Water Resources Control Board, or the Department of Water Resources to comply with the act and to achieve sustainable groundwater management. This bill would require the parties to an adjudication action to submit a proposed settlement agreement determining rights to water to the board for a nonbinding advisory determination as to whether the proposed settlement agreement will substantially impair the ability of a groundwater sustainability agency, the board, or the department to achieve sustainable groundwater management before filing the proposed settlement agreement with the court. The bill would require the board to provide its nonbinding advisory determination to the parties no later than 120 days after the proposed settlement agreement was submitted, and would require the parties to include the board's nonbinding advisory determination in the court filing, as provided.

Position

Oppose

[AB 676](#)**([Bennett D](#)) Water: general state policy.****Current Text:** Amended: 7/12/2023 [html](#) [pdf](#)**Introduced:** 2/13/2023**Last Amend:** 7/12/2023**Status:** 7/12/2023-Read second time and amended. Ordered to third reading.**Is Urgency:** N**Is Fiscal:** N**Location:** 7/12/2023-S. THIRD READING**Summary:** Would specify that the use of water for domestic purposes includes water use for human consumption, cooking, sanitary purposes, care of household livestock, animals, and gardens, fire suppression and other safety purposes, and any other purpose determined to be a domestic purpose by a court, as specified.**Position**

Watch

[AB 779](#)**([Wilson D](#)) Groundwater: adjudication.****Current Text:** Amended: 7/3/2023 [html](#) [pdf](#)**Introduced:** 2/13/2023**Last Amend:** 7/3/2023**Status:** 7/12/2023-From committee: Do pass and re-refer to Com. on APPR. (Ayes 8. Noes 3.) (July 11). Re-referred to Com. on APPR.**Is Urgency:** N**Is Fiscal:** Y**Location:** 7/12/2023-S. APPR.**Summary:** Current law establishes various methods and procedures for a comprehensive adjudication of groundwater rights in civil court. This bill would require the court to appoint one party to forward all case management orders, judgments, and interlocutory orders to the Department of Water Resources within 10 business days of issuance. The bill would require the court to allocate payment of the costs incurred by the party appointed to forward all case management orders, judgments, and interlocutory orders to the department among the parties in an amount and a manner that the court deems equitable. The bill would require the department to post the documents on its internet website in the interest of transparency and accessibility within 20 business days of receipt from a party, as specified. The bill would authorize the court to refer the matter to the State Water Resources Control Board for investigation and report in order to assist the court in making findings pursuant to these provisions, and would authorize a party to request that the court refer the matter to the board for these purposes. The bill would require the court to consider the water use of small farmers and disadvantaged communities, as those terms are defined, before entering a judgment.**Position**

Oppose

[AB 828](#)**([Connolly D](#)) Sustainable groundwater management: managed wetlands.****Current Text:** Amended: 4/17/2023 [html](#) [pdf](#)**Introduced:** 2/13/2023**Last Amend:** 4/17/2023**Status:** 4/28/2023-Failed Deadline pursuant to Rule 61(a)(2). (Last location was W.,P. & W. on 3/2/2023)(May be acted upon Jan 2024)**Is Urgency:** N**Is Fiscal:** Y**Location:** 4/28/2023-A. 2 YEAR**Summary:** The Sustainable Groundwater Management Act requires all groundwater basins designated as high- or medium-priority basins by the Department of Water Resources that are designated as basins subject to critical conditions of overdraft to be managed under a groundwater sustainability plan or coordinated groundwater sustainability plans by January 31, 2020, and requires all other groundwater basins designated as high- or medium-priority basins to be managed under a groundwater sustainability plan or coordinated groundwater sustainability plans by January 31, 2022, except as specified. Current law defines various terms for purposes of the act. This bill would add various defined terms for purposes of the act, including the term "managed wetland."**Position**

Oppose

[AB 830](#)**([Soria D](#)) Lake and streambed alteration agreements: exemptions.****Current Text:** Amended: 6/27/2023 [html](#) [pdf](#)**Introduced:** 2/13/2023**Last Amend:** 6/27/2023**Status:** 7/11/2023-From committee: Do pass and re-refer to Com. on APPR. (Ayes 10. Noes 0.) (July

10). Re-referred to Com. on APPR.

Is Urgency: N

Is Fiscal: Y

Location: 7/10/2023-S. APPR.

Summary: Current law prohibits a person, a state or local governmental agency, or a public utility from substantially diverting or obstructing the natural flow of, or substantially changing or using any material from the bed, channel, or bank of, any river, stream, or lake, or depositing or disposing of debris, waste, or other material containing crumbled, flaked, or ground pavement where it may pass into any river, stream, or lake, unless prescribed requirements are met, including written notification to the Department of Fish and Wildlife regarding the activity. Current law prescribes various requirements for lake and streambed alteration agreements. Current law also establishes various exemptions from these provisions, including exemptions for specified emergency work. This bill would additionally exempt from these provisions the temporary operation of existing infrastructure or temporary pumps being used to divert flood stage flows, as identified by the California Nevada River Forecast Center or the State Water Resources Control Board, or near-flood stage flows, as defined, to groundwater recharge as long as certain conditions are met.

Position

Support

AB 900

(Bennett D) Aquifer recharge.

Current Text: Amended: 4/12/2023 [html](#) [pdf](#)

Introduced: 2/14/2023

Last Amend: 4/12/2023

Status: 5/19/2023-Failed Deadline pursuant to Rule 61(a)(5). (Last location was APPR. SUSPENSE FILE on 5/10/2023)(May be acted upon Jan 2024)

Is Urgency: N

Is Fiscal: Y

Location: 5/19/2023-A. 2 YEAR

Summary: Current law requires the Natural Resources Agency to update every 3 years the state's climate adaptation strategy, known as the Safeguarding California Plan, and to coordinate with other state agencies to identify vulnerabilities to climate change by sectors and priority actions needed to reduce the risks in those sectors. Current law requires, to address the vulnerabilities identified in the plan, state agencies to maximize specified objectives, including promoting the use of the plan to inform planning decisions and ensure that state investments consider climate change impacts, as well as promote the use of natural systems and natural infrastructure, when developing physical infrastructure to address adaptation. This bill would add aquifers as part of the meaning of natural infrastructure.

Position

Watch

AB 923

(Bauer-Kahan D) Flood plain restoration projects: Central Valley: study.

Current Text: Amended: 7/12/2023 [html](#) [pdf](#)

Introduced: 2/14/2023

Last Amend: 7/12/2023

Status: 7/12/2023-Read second time and amended. Re-referred to Com. on APPR.

Is Urgency: N

Is Fiscal: Y

Location: 7/10/2023-S. APPR.

Summary: The Central Valley Flood Protection Act of 2008 requires the Department of Water Resources to prepare, and the Central Valley Flood Protection Board, a state agency, to adopt, a plan identified as the Central Valley Flood Protection Plan. This bill would require the board, in coordination with the department, to identify priority flood plain restoration or floodway expansion projects where increased flows due to climate change are likely to overwhelm existing flood protection infrastructure, as specified. The bill would require the department and the board to conduct broad stakeholder outreach to identify priority projects and would require that those projects provide at least 2 of 4 specified public benefits. The bill would require the board, upon the appropriation of funds for this purpose, to begin preconstruction activities, including acquisition of land, easements, or rights of way, to expedite the priority projects identified.

Position

Watch

AB 1205

(Bauer-Kahan D) Water rights: sale, transfer, or lease: agricultural lands.

Current Text: Amended: 7/13/2023 [html](#) [pdf](#)

Introduced: 2/16/2023

Last Amend: 7/13/2023

Status: 7/13/2023-Read second time and amended. Ordered to third reading.

Is Urgency: N

Is Fiscal: Y

Location: 7/13/2023-S. THIRD READING

Summary: Current law declares that, because of the conditions prevailing in this state, 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 the water is to be exercised with a view to the reasonable and beneficial use of the water in the interest of the people and for the public welfare. This bill would require the State Water Resources Control Board to, on or before January 1, 2027, conduct a study and report to the Legislature and appropriate policy committees on the existence of speculation or profiteering by an investment fund in the sale, transfer, or lease of an interest in any surface water right or groundwater right previously put to beneficial use on agricultural lands, as specified. The bill would repeal this provision on January 1, 2031.

Position

Oppose

AB 1337 (Wicks D) State Water Resources Control Board: water diversion curtailment.

Current Text: Amended: 5/18/2023 [html](#) [pdf](#)

Introduced: 2/16/2023

Last Amend: 5/18/2023

Status: 7/10/2023-In committee: Set, first hearing. Hearing canceled at the request of author.

Is Urgency: N

Is Fiscal: Y

Location: 6/7/2023-S. N.R. & W.

Summary: Under existing law, the diversion or use of water other than as authorized by specified provisions of law is a trespass, subject to specified civil liability. This bill would expand the instances when the diversion or use of water is considered a trespass. This bill contains other related provisions and other existing laws.

Position

Oppose

AB 1563 (Bennett D) Groundwater sustainability agency: groundwater extraction permit: verification.

Current Text: Amended: 6/28/2023 [html](#) [pdf](#)

Introduced: 2/17/2023

Last Amend: 6/28/2023

Status: 7/12/2023-In committee: Set, first hearing. Hearing canceled at the request of author.

Is Urgency: N

Is Fiscal: Y

Location: 6/22/2023-S. GOV. & F.

Summary: Current law authorizes any local agency or combination of local agencies overlying a groundwater basin to decide to become a groundwater sustainability agency for that basin and imposes specified duties upon that agency or combination of agencies, as provided. Current law authorizes a groundwater sustainability agency to request of the county, and requires a county to consider, that the county forward permit requests for the construction of new groundwater wells, the enlarging of existing groundwater wells, and the reactivation of abandoned groundwater wells to the agency before permit approval. This bill would instead require a county to forward permit requests for the construction of new groundwater wells, the enlarging of existing groundwater wells, and the reactivation of abandoned groundwater wells to the groundwater sustainability agency before permit approval.

Position

Oppose

AB 1567 (Garcia D) Safe Drinking Water, Wildfire Prevention, Drought Preparation, Flood Protection, Extreme Heat Mitigation, Clean Energy, and Workforce Development Bond Act of 2024.

Current Text: Amended: 5/26/2023 [html](#) [pdf](#)

Introduced: 2/17/2023

Last Amend: 5/26/2023

Status: 6/14/2023-Referred to Coms. on N.R. & W. and GOV. & F.

Is Urgency: N

Is Fiscal: Y

Location: 6/14/2023-S. N.R. & W.

Summary: Would enact the Safe Drinking Water, Wildfire Prevention, Drought Preparation, Flood Protection, Extreme Heat Mitigation, Clean Energy, and Workforce Development Bond Act of 2024, which, if approved by the voters, would authorize the issuance of bonds in the amount of \$15,995,000,000 pursuant to the State General Obligation Bond Law to finance projects for safe

drinking water, wildfire prevention, drought preparation, flood protection, extreme heat mitigation, clean energy, and workforce development programs.

Position

Support/Amend

ACA 2

(Alanis R) Public resources: Water and Wildfire Resiliency Act of 2023.

Current Text: Introduced: 12/5/2022 [html](#) [pdf](#)

Introduced: 12/5/2022

Status: 4/20/2023-Referred to Coms. on W., P., & W. and NAT. RES.

Is Urgency:

Is Fiscal: Y

Location: 4/20/2023-A. W.,P. & W.

Summary: Would establish the Water and Wildfire Resiliency Fund within the State Treasury, and would require the Treasurer to annually transfer an amount equal to 3% of all state revenues that may be appropriated as described from the General Fund to the Water and Wildfire Resiliency Fund. The measure would require the moneys in the fund to be appropriated by the Legislature and would require that 50% of the moneys in the fund be used for water projects, as specified, and that the other 50% of the moneys in the fund be used for forest maintenance and health projects, as specified.

Position

Favor

SB 23

(Caballero D) Water supply and flood risk reduction projects: expedited permitting.

Current Text: Amended: 5/1/2023 [html](#) [pdf](#)

Introduced: 12/5/2022

Last Amend: 5/1/2023

Status: 5/19/2023-Failed Deadline pursuant to Rule 61(a)(5). (Last location was APPR. SUSPENSE FILE on 5/15/2023)(May be acted upon Jan 2024)

Is Urgency: N

Is Fiscal: Y

Location: 5/19/2023-S. 2 YEAR

Summary: Current law prohibits an entity from substantially diverting or obstructing the natural flow of, or substantially changing or using any material from the bed, channel, or bank of, any river, stream, or lake, or deposit or dispose of debris, waste, or other material containing crumbled, flaked, or ground pavement where it may pass into any river, stream, or lake, except under specified conditions, including requiring the entity to send written notification to the Department of Fish and Wildlife regarding the activity in the manner prescribed by the department. This bill would require a project proponent, if already required to submit a notification to the department, to submit to the department the certified or adopted environmental review document, as applicable, for the activity in the notification. The bill would require the department, under prescribed circumstances, to take certain actions within specified timelines, or within a mutually agreed-to extension of time.

Position

Favor

SB 69

(Cortese D) California Environmental Quality Act: local agencies: filing of notices of determination or exemption.

Current Text: Amended: 7/12/2023 [html](#) [pdf](#)

Introduced: 1/5/2023

Last Amend: 7/12/2023

Status: 7/12/2023-Read second time and amended. Re-referred to Com. on APPR.

Is Urgency: N

Is Fiscal: Y

Location: 7/10/2023-A. APPR.

Summary: The California Environmental Quality Act (CEQA) requires a local agency that approves or determines to carry out a project subject to CEQA to file a notice of determination with the county clerk of each county in which the project will be located, as provided. CEQA authorizes a local agency that determines that a project is not subject to CEQA to file a notice of exemption with the county clerk of each county in which the project will be located, as provided. CEQA requires the county clerk to make the notice available for public inspection and post the notice within 24 hours of receipt in the office or on the internet website of the county clerk, as specified. CEQA requires an action or proceeding challenging an act or decision of a public agency, including a local agency, on the grounds of noncompliance with CEQA to be commenced within certain time periods, as specified. This bill would require a local agency to file a notice of determination with the State Clearinghouse in the Office of Planning and Research in addition to the county clerk of each county in which the project will be located. The bill would authorize a local agency to file a notice of exemption with the State Clearinghouse in the Office of Planning and Research in addition to the county clerk of each county in which the project will be located. The bill would require the notice, including any subsequent or

amended notice, to be posted both in the office and on the internet website of the county clerk and by the Office of Planning and Research on the State Clearinghouse internet website within 24 hours of receipt. The bill would specify that the posting of the notice by the Office of Planning and Research would not affect the applicable time periods to challenge an act or decision of a local agency, as described above.

Position

Not Favor

SB 231

(Hurtado D) Department of Water Resources: water supply forecasting.

Current Text: Amended: 7/12/2023 [html](#) [pdf](#)

Introduced: 1/23/2023

Last Amend: 7/12/2023

Status: 7/12/2023-Read second time and amended. Re-referred to Com. on APPR.

Is Urgency: N

Is Fiscal: Y

Location: 7/11/2023-A. APPR.

Summary: Would require the Department of Water Resources, on or before December 31, 2025, to establish a formal process for annually evaluating and improving the accuracy of its water supply forecasts, adopt a new water supply forecasting model that better addresses the effects of climate change, and implement a formal policy and procedures for documenting its operational plans for the state's water supply and its rationale for its operating procedures. The bill would require the department, by December 1, 2024, to prepare, and submit to the Legislature, a report on its progress toward meeting these requirements.

Position

Watch

SB 315

(Hurtado D) Groundwater: groundwater sustainability agencies: probationary basins.

Current Text: Amended: 4/20/2023 [html](#) [pdf](#)

Introduced: 2/6/2023

Last Amend: 4/20/2023

Status: 5/19/2023-Failed Deadline pursuant to Rule 61(a)(5). (Last location was APPR. SUSPENSE FILE on 5/1/2023)(May be acted upon Jan 2024)

Is Urgency: N

Is Fiscal: Y

Location: 5/19/2023-S. 2 YEAR

Summary: The Sustainable Groundwater Management Act authorizes the State Water Resources Control Board to designate specified basins as probationary basins if certain conditions are met, including, but not limited to, that the Department of Water Resources, in consultation with the board, determines that a groundwater sustainability plan is inadequate or that the groundwater sustainability program is not being implemented in a manner that will likely achieve the sustainability goal. Current law requires the board, if it designates a basin as a probationary basin pursuant to specified conditions, to identify the specific deficiencies and potential remedies. Current law authorizes the board to request the department, within 90 days of the designation, to provide technical recommendations to local agencies to remedy the deficiencies and to develop an interim plan for the probationary basin one year after the designation, as specified. This bill would require any groundwater sustainability agency that hires a third-party consulting firm to ensure that the integrity of the science being used to develop a groundwater sustainability plan is protected and the data is not sold. The bill would delete the authorizations for the board to request technical recommendations from the department. The bill would additionally place various requirements on the board in working with a groundwater sustainability agency, including, among other things, requiring the board to provide clear benchmarks and guidance for groundwater sustainability agencies to improve their groundwater management plans.

Position

Watch

SB 361

(Dodd D) Water resources: stream gages.

Current Text: Amended: 3/29/2023 [html](#) [pdf](#)

Introduced: 2/8/2023

Last Amend: 3/29/2023

Status: 5/19/2023-Failed Deadline pursuant to Rule 61(a)(5). (Last location was APPR. SUSPENSE FILE on 4/17/2023)(May be acted upon Jan 2024)

Is Urgency: N

Is Fiscal: Y

Location: 5/19/2023-S. 2 YEAR

Summary: Current law requires the Department of Water Resources and the State Water Resources

Control Board, in consultation with the Department of Fish and Wildlife, the Department of Conservation, the Central Valley Flood Protection Board, interested stakeholders, and, to the extent they wish to consult, local agencies, to develop the plan to address significant gaps in information necessary for water management and the conservation of freshwater species. This bill would require the Department of Water Resources and the board, upon appropriation of funds by the Legislature, to reactivate, upgrade, and install new stream gages, as provided. The bill would require the department and board to use the recommendations and data provided in the California Stream Gaging Prioritization Plan 2022 to complete specified actions by 2030. The bill would require the department to report to the Legislature, on or before January 1, 2026, and every 2 years thereafter, on progress made in completing those specified actions. The bill would require the data from all stream gages operating with any public money to be published as provisional data within 10 days of collection and made publicly available on the state's open water data platforms. The bill would require the department and board to develop and adopt a set of standards and processes for assessing, tracking, and reporting the accuracy of stream gages, evapotranspiration data, water meters, and other critical data inputs for water management, as provided. The bill would require the department and the board to consult with interested stakeholders to develop a plan to identify the gaps in the network of automated weather stations and eddy covariance towers to ensure accurate and comprehensive data collection.

Position

Favor

SB 366 (Caballero D) The California Water Plan: long-term supply targets.

Current Text: Amended: 6/29/2023 [html](#) [pdf](#)

Introduced: 2/8/2023

Last Amend: 6/29/2023

Status: 7/11/2023-July 11 set for first hearing canceled at the request of author.

Is Urgency: N

Is Fiscal: Y

Location: 6/8/2023-A. W.,P. & W.

Summary: Current law requires the Department of Water Resources to update every 5 years the plan for the orderly and coordinated control, protection, conservation, development, and use of the water resources of the state, which is known as "The California Water Plan." Current law requires the department to include a discussion of various strategies in the plan update, including, but not limited to, strategies relating to the development of new water storage facilities, water conservation, water recycling, desalination, conjunctive use, water transfers, and alternative pricing policies that may be pursued in order to meet the future needs of the state. Current law requires the department to establish an advisory committee to assist the department in updating the plan. This bill would revise and recast certain provisions regarding The California Water Plan to, among other things, require the department to instead establish a stakeholder advisory committee and to expand the membership of the committee to include tribes, labor, and environmental justice interests. The bill would require the department to coordinate with the California Water Commission, the State Water Resources Control Board, other state and federal agencies as appropriate, and the stakeholder advisory committee to develop a comprehensive plan for addressing the state's water needs and meeting specified long-term water supply targets established by the bill for purposes of The California Water Plan. The bill would require the plan to provide recommendations and strategies to ensure enough water supply for all beneficial uses.

Position

Support

SB 389 (Allen D) State Water Resources Control Board: investigation of water right.

Current Text: Amended: 7/6/2023 [html](#) [pdf](#)

Introduced: 2/9/2023

Last Amend: 7/6/2023

Status: 7/11/2023-From committee: Do pass and re-refer to Com. on APPR. (Ayes 9. Noes 3.) (July 11). Re-referred to Com. on APPR.

Is Urgency: N

Is Fiscal: Y

Location: 7/11/2023-A. APPR.

Summary: Current law authorizes the State Water Resources Control Board to investigate bodies of water, to take testimony in regard to the rights to water or the use of water, and to ascertain whether or not water is appropriated lawfully, as provided. Under current law, the diversion or use of water other than as authorized by specified provisions of law is a trespass, subject to specified civil liability. This bill would instead authorize the board to investigate and ascertain whether or not a water right is valid. The bill would authorize the board to issue an information order in furtherance of an investigation, as executed by the executive director of the board, to a water right holder or claimant, diverter, or user to provide the information related to a diversion and use of water, as specified. The bill would authorize a diversion or use of water ascertained to be unauthorized pursuant to this provision

to be enforced as a trespass.

Position

Oppose

SB 458 (Gonzalez D) Public contracts: Local Agency Public Construction Act: reporting and notifications.

Current Text: Amended: 3/22/2023 [html](#) [pdf](#)

Introduced: 2/13/2023

Last Amend: 3/22/2023

Status: 4/28/2023-Failed Deadline pursuant to Rule 61(a)(2). (Last location was GOV. & F. on 3/29/2023)(May be acted upon Jan 2024)

Is Urgency: N

Is Fiscal: Y

Location: 4/28/2023-S. 2 YEAR

Summary: The State Contract Act requires the Department of General Services to make available a report on state contracting activity containing specified information. This bill would require a local public entity subject to the Local Agency Public Construction Act, commencing January 1, 2026, to maintain and regularly update a public online database and accompanying data dictionary with prescribed information on the entity's contracting activity similar to the information required for the State Contract Act report. The bill would require the State Auditor to review the databases established pursuant to the bill, commencing on an unspecified date, and biannually thereafter, and make recommendations to the Legislature on further transparency and reporting improvements.

Position

Watch

SB 550 (Grove R) Water markets.

Current Text: Amended: 3/20/2023 [html](#) [pdf](#)

Introduced: 2/15/2023

Last Amend: 3/20/2023

Status: 5/19/2023-Failed Deadline pursuant to Rule 61(a)(5). (Last location was APPR. SUSPENSE FILE on 4/10/2023)(May be acted upon Jan 2024)

Is Urgency: N

Is Fiscal: Y

Location: 5/19/2023-S. 2 YEAR

Summary: Would require, on or before January 1, 2025, the Legislative Analyst, in collaboration with the Department of Water Resources, the State Water Resources Control Board, and other state agencies, as described, to prepare and submit to the Legislature a report analyzing the water market, including background information regarding the sale of water and water rights, trends in the water market, barriers to entering the water market or effectively trading in the market, and proposals for improving the regulatory framework to make the water market more market friendly and to encourage growth.

Position

Watch

SB 638 (Eggman D) Climate Resiliency and Flood Protection Bond Act of 2024.

Current Text: Amended: 6/28/2023 [html](#) [pdf](#)

Introduced: 2/16/2023

Last Amend: 6/28/2023

Status: 7/6/2023-July 11 hearing postponed by committee.

Is Urgency: N

Is Fiscal: Y

Location: 6/15/2023-A. W.,P. & W.

Summary: Would enact the Climate Resiliency and Flood Protection Bond Act of 2024 which, if approved by the voters, would authorize the issuance of bonds in the amount of \$6,000,000,000 pursuant to the State General Obligation Bond Law, for flood protection and climate resiliency projects.

Position

Support

SB 651 (Grove R) California Environmental Quality Act: groundwater recharge projects: Judicial Council rules of court.

Current Text: Amended: 6/22/2023 [html](#) [pdf](#)

Introduced: 2/16/2023

Last Amend: 6/22/2023

Status: 6/22/2023-Read second time and amended. Re-referred to Com. on NAT. RES.

Is Urgency: N

Is Fiscal: Y

Location: 6/20/2023-A. NAT. RES.

Summary: Would require the Judicial Council to adopt a rule of court to establish procedures requiring actions or proceedings brought to attack, review, set aside, void, or annul the certification of an environmental impact report, or the granting of any project approvals, for groundwater recharge projects, as described, except as provided, that implement a groundwater sustainability plan or an interim groundwater sustainability plan, as described, that would require the actions or proceedings, including any appeals, to be resolved within 270 days of the filing of the certified record of proceedings with the court. The bill would also include a related statement of legislative intent.

Position

Support

SB 687 (Eggman D) **Water Quality Control Plan: Delta Conveyance Project.**

Current Text: Amended: 5/2/2023 [html](#) [pdf](#)

Introduced: 2/16/2023

Last Amend: 5/2/2023

Status: 5/19/2023-Failed Deadline pursuant to Rule 61(a)(5). (Last location was APPR. SUSPENSE FILE on 5/8/2023)(May be acted upon Jan 2024)

Is Urgency: N

Is Fiscal: Y

Location: 5/19/2023-S. 2 YEAR

Summary: Would require the State Water Resources Control Board to adopt a final update of the 1995 Water Quality Control Plan for the San Francisco Bay/Sacramento-San Joaquin Delta Estuary, as provided, before the board may consider a change in point diversion or any other water rights permit or order for the Delta Conveyance Project. The bill would also, if, after completing the update of the plan and in compliance with existing law, the board approves a change in point of diversion or any other water rights permit or order associated with the Delta Conveyance Project, prohibit the operation of the Delta Conveyance Project unless and until the updated plan is fully implemented. The bill would specify that these provisions do not constitute an authorization for or approval of funding for the Delta Conveyance Project or any other project that includes isolated Delta conveyance facilities, and do not reduce any statutory or other regulatory conditions or permit requirements for Delta conveyance projects.

Position

Oppose

SB 737 (Hurtado D) **Groundwater: recharge.**

Current Text: Introduced: 2/17/2023 [html](#) [pdf](#)

Introduced: 2/17/2023

Status: 3/1/2023-Referred to Com. on RLS.

Is Urgency: N

Is Fiscal: N

Location: 2/17/2023-S. RLS.

Summary: Would state the intent of the Legislature to enact subsequent legislation to capture floodwater to recharge groundwater basins and to require the Department of Water Resources and the State Water Resources Control Board to work together to expedite the regulatory steps necessary to store significant rainfall and excess water underground, while still ensuring protections for the environment and other water users as required by state law.

Position

Watch

SB 861 (Dahle R) **California Environmental Quality Act: water conveyance or storage projects: judicial review.**

Current Text: Amended: 4/24/2023 [html](#) [pdf](#)

Introduced: 2/17/2023

Last Amend: 4/24/2023

Status: 5/19/2023-Failed Deadline pursuant to Rule 61(a)(5). (Last location was APPR. SUSPENSE FILE on 5/1/2023)(May be acted upon Jan 2024)

Is Urgency: N

Is Fiscal: Y

Location: 5/19/2023-S. 2 YEAR

Summary: The California Environmental Quality Act 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. CEQA establishes a procedure by which a person may seek judicial review of the decision of the lead agency made pursuant to CEQA. This bill

would require the Judicial Council to adopt rules of court applicable to actions or proceedings brought to attack, review, set aside, void, or annul the certification or adoption of an environmental impact report for specified water projects, as defined, or the granting of any project approvals, including any appeals to the court of appeal or the Supreme Court, to be resolved, to the extent feasible, within 270 days of the filing of the certified record of proceedings with the court to an action or proceeding seeking judicial review of the lead agency's action related to those projects. The bill would require the lead agency to prepare the record of proceedings for a project, as provided, and to include a specified notice in the draft EIR and final EIR for the project.

Position

Favor

SB 867

(Allen D) Drought, Flood, and Water Resilience, Wildfire and Forest Resilience, Coastal Resilience, Extreme Heat Mitigation, Biodiversity and Nature-Based Climate Solutions, Climate Smart Agriculture, Park Creation and Outdoor Access, and Clean Energy Bond Act of 2024.

Current Text: Amended: 6/22/2023 [html](#) [pdf](#)

Introduced: 2/17/2023

Last Amend: 6/22/2023

Status: 7/6/2023-July 10 hearing postponed by committee.

Is Urgency: N

Is Fiscal: Y

Location: 6/20/2023-A. NAT. RES.

Summary: Would enact the Drought, Flood, and Water Resilience, Wildfire and Forest Resilience, Coastal Resilience, Extreme Heat Mitigation, Biodiversity and Nature-Based Climate Solutions, Climate Smart Agriculture, Park Creation and Outdoor Access, and Clean Energy Bond Act of 2024, which, if approved by the voters, would authorize the issuance of bonds in the amount of \$15,500,000,000 pursuant to the State General Obligation Bond Law to finance projects for drought, flood, and water resilience, wildfire and forest resilience, coastal resilience, extreme heat mitigation, biodiversity and nature-based climate solutions, climate smart agriculture, park creation and outdoor access, and clean energy programs.

Position

Watch/Amend

Total Measures: 35

Total Tracking Forms: 35