



BUILDING A SUSTAINABLE WATER SUPPLY TO HELP OUR COMMUNITY THRIVE

**REGULAR MEETING OF THE BOARD OF DIRECTORS
ROSEDALE-RIO BRAVO WATER STORAGE DISTRICT**

849 ALLEN ROAD, BAKERSFIELD, CA 93314

AGENDA

**March 12, 2024
8:00 a.m.**

1. CALL TO ORDER / ROLL CALL

2. APPROVAL OF MINUTES

- a) Regular Board Meeting Minutes of February 13, 2024
-

3. FINANCIAL REPORT

- a) Treasurer's Report (MM)
 - b) Accounts Payable (MM)
 - c) Revenue and Expenditures (MM)
-

4. OPERATIONS AND MAINTENANCE REPORT

- a) District Groundwater Levels (MN)
 - b) Operations (ZS)
 - c) Maintenance (ZS)
 - d) Consideration of Annual Basin Seeding Plan (ZS)
-

5. WATER RESOURCES REPORT

- a) State Water Project Operations (TT)
 - b) California Delta Conveyance Project (TT)
 - c) Kern County Water Agency Board Meeting Update (TT)
 - d) Consideration of Resolution No. 540 for Temporary Water Service with USBR (TT)
-

6. MANAGER'S REPORT

- a) Strategic Plan Update (RE)
- b) Rosedale Recap (RE)
- c) Consideration of Technical Services Agreements

7. ENGINEER'S REPORT

- a) Onyx Ranch Project
 - i. Operations (DB)
 - ii. FEMA Disaster Relief Application (RE)
- b) Improvement Projects (MN)
 - i. **Consideration of Pay Estimate No. 1 McCaslin / Bowling Recovery (MN)**

8. COMMITTEE/SPECIAL PROJECT ACTIVITIES

- a) Groundwater Banking Joint Powers Authority (DB & TT)
- b) James Groundwater Banking Authority (DB)
- c) Sustainable Groundwater Management Act
 - i. GSP Deficiency Update (DB)
 - ii. Kern County Subbasin White Land Administration (DR)
 - iii. **Consideration of Participation in Friant-Kern Canal Subsidence Study (DB)**
- d) Kern Fan Monitoring Committee (MN)
- e) Cross Valley Canal Advisory Committee (DB)
- f) Pioneer Project Committee (DB)
- g) Kern River Watershed Coalition Authority (ZS)
- h) Kern Fan Authority (DB)
- i) Joint Operating Committee (DB & TT)
- j) Committee for Delta Reliability (TT)
- k) South Valley Water Resources Authority (TT)
- l) Valley Ag Water Coalition (TT)
- m) Kern Integrated Regional Water Management Plan (TT)
- n) Sites Reservoir Project (TT)
- o) Association of California Water Agencies (TT)

9. ATTORNEY'S REPORT

10. OLD OR NEW BUSINESS

11. CORRESPONDENCE

12. PUBLIC COMMENT

13. CLOSED SESSION

- a) Conference with legal counsel – Anticipated Litigation: Significant Exposure to Litigation – *Government Code Section 54956.9(d)(2)*: Two (2) Matters
- b) Conference with legal counsel – Anticipated Litigation: Initiation of Litigation – *Government Code Section 54956.9(d)(4)*: One (1) Matter
- c) Conference with legal counsel – Pending Litigation – *Government Code Section 54956.9 (d)(1)*:
 - i. State Water Resources Control Board – Applications to Appropriate Kern River Water
 - ii. City of Bakersfield v. Rosedale-Rio Bravo Water Storage District (McAllister CEQA)

- iii. Department of Water Resources v. All Persons Interested (Validation Action)
 - iv. Rosedale-Rio Bravo Water Storage District, et al. vs. Kern County Water Agency, et al. (CVC Litigation)
 - v. Buena Vista Water Storage District, et al. v. Rosedale-Rio Bravo Water Storage District (Three Separate Suits) (Onyx Ranch CEQA Litigation)
 - vi. Rosedale-Rio Bravo Water Storage District v. Buena Vista Water Storage District, et al. (Onyx Ranch Declaratory Relief Litigation)
 - vii. Bring Back the Kern, et al v. Rosedale-Rio Bravo Water Storage District, et al. (Kern River Public Trust Litigation)
- d) Conference with real property negotiator – *Government Code Section 54956.8* – Negotiators: Dan Bartel / Dan Raytis
- i. Property: Water Supply (Delta Conveyance). Negotiating parties: Various parties and Rosedale-Rio Bravo Water Storage District. Under negotiation: Price & Terms of Payment
 - ii. Property: James / McCallister Ranch. Negotiating Parties: Various parties and Rosedale-Rio Bravo Water Storage District. Under negotiation: Price & Terms of Payment
 - iii. Property: Water Supply (2023 Supplies). Negotiating parties: Various parties and Rosedale-Rio Bravo Water Storage District. Under negotiation: Price & Terms of Payment
 - iv. Property: License / Easement for Canal Facility. Negotiating parties: Various parties and Rosedale-Rio Bravo Water Storage District. Under negotiation: Price & Terms of Payment
 - v. Property: Various Parcels – Potential District Projects. Negotiating parties: Various parties and Rosedale-Rio Bravo Water Storage District. Under negotiation: Price & Terms of Payment
 - vi. Property: APN 104-292-09. Negotiating Parties: Estate of Lonnie Dillard & Estate of Hassan Dawan / Rosedale-Rio Bravo Water Storage District. Under negotiations: Price & Terms of Payment.
 - vii. Property: APN 104-250-27. Negotiating Parties: Schweikart, Jack Rev. Trust & Rosedale-Rio Bravo Water Storage District. Under negotiations: Price & Terms of Payment.

14. ADJOURNMENT

DECLARATION OF POSTING: I, Rachele Echeverria, declare under penalty of perjury, that I am employed by the Rosedale-Rio Bravo Water Storage District and I posted the foregoing Agenda at the District Office and on the District's website (www.rrbwsd.com) on or before March 8, 2024. ***Requests for disability related modifications or accommodations, including auxiliary aids or services may be made by telephoning or contacting Megan Misuraca at mmisuraca@rrbwsd.com. Please attempt to make such requests known at least 24 hours before the scheduled meeting.***

BOARD OF DIRECTORS
ROSEDALE-RIO BRAVO WATER STORAGE DISTRICT
MINUTES OF THE REGULAR BOARD MEETING
February 13, 2024
8:00 a.m.

DIRECTORS PRESENT

Roy Pierucci, Mitch Millwee, Gary Unruh and Jason Selvidge

DIRECTORS ABSENT

Barry Watts (listened telephonically – did not vote)

OTHERS PRESENT

District Staff / Consultants – Dan Bartel, Trent Taylor, Megan Misuraca, Markus Nygren, Dan Raytis, Zach Smith, Rachelle Echeverria and Jennifer Spaletta

Public – Sonia Lemus, Ben Rudnick, Mike Frey, Jack Frey, Larry Frey, Bill Tracy, Todd Tracy, John Tracy Janet Selvidge, Mia Selvidge and Andrea Weishaar.

CALL TO ORDER

President Pierucci called the meeting to order at approximately 8:00 a.m. and began with Public Comment (see below).

APPROVAL OF MINUTES

- a) Regular Board Meeting Minutes – January 9, 2024

A motion was made by Director Millwee with a second by Director Selvidge to approve the Board of Directors regular meeting minutes of January 9, 2024. The motion unanimously passed.

AYES: Directors Pierucci, Millwee, Unruh and Selvidge

NOES: None

ABSTAINED: None

FINANCIAL REPORT

- a) Treasurer’s Report – Ms. Misuraca reviewed the treasurer’s report as of January 31, 2024.

- b) Accounts Payable/ January 6, 2024 through February 9, 2024 — Ms. Misuraca reviewed the accounts payable report with the Board. A motion was made by Director Unruh and seconded by Director Millwee to ratify and approve payment of the accounts payable in the total amount of \$340,903.00. The motion unanimously passed.

AYES: Directors Pierucci, Millwee, Unruh and Selvidge

NOES: None

ABSTAINED: None

- c) Revenue and Expenditures Report – Ms. Misuraca reviewed the current Revenue and Expenditures Report through January 31, 2023, including the budget vs. actual.

- d) Consideration of Proposal for 2023 Audit – Ms. Misuraca reviewed the governance letter and proposal for the Fiscal Year End December 31, 2023 audit with the Board. A motion was made

by Director Millwee and seconded by Director Selvidge authorizing staff to execute the engagement letter with BHK Accountancy to perform the Fiscal Year End December 31, 2023 audit and complete the State Controller's report with a budget not to exceed \$33,500. The motion unanimously passed.

AYES: Directors Pierucci, Millwee, Unruh and Selvidge

NOES: None

ABSTAINED: None

- e) Update on Water Charge Policy – Mr. Taylor reviewed the proposed Farming Unit forms for the 2024 water charge with the Board and the timeline for the forms to be sent to landowners.

OPERATIONS AND MAINTENANCE REPORT

- a) District Groundwater Levels – Mr. Nygren advised the Board of current groundwater levels with reference to the District's minimum thresholds under SGMA. Mr. Nygren will compile a list for the Board showing the various changes in groundwater levels throughout the District.
- b) Operations Report – Mr. Smith reviewed water conveyance and recharge operations and estimated balances with the Board. Mr. Smith noted that staff is waiting for June, October, November and December final delivery numbers from Kern County Water Agency to be able to finalize the report.
- c) Maintenance Report – Mr. Smith reviewed the maintenance projects that have taken place over the last month and reported staff attended the Kern County safe spray event.

WATER RESOURCES REPORT

- a) State Water Project Operations – Mr. Taylor gave a detailed report on current state water project operations. Mr. Taylor also reviewed the 8-station index graph and reservoir conditions with the Board.
- b) California Delta Conveyance Project – Mr. Taylor gave a brief report on the status of the Delta Conveyance Project noting upcoming decision points for the project.
- c) Kern County Water Agency Board Meeting Update – Mr. Taylor reported there was no change in the Agency's current Board officers.

MANAGER'S REPORT

- a) Consideration of Commendation – Resolution No. 539 – Director Pierucci introduced the Board and the District staff to those in attendance. Mr. Selvidge introduced the family and partners of Mr. Wes Selvidge that were present. Director Pierucci read Resolution No. 539 and presented a plaque honoring Mr. Wes Selvidge's service to the District and water industry to Mr. Jason Selvidge, Janet Selvidge and Andrea (Selvidge) Weishaar. A motion was made by Director Millwee with a second by Director Unruh to adopt Resolution No. 539 Commending Mr. Wesley Selvidge. The motion unanimously passed.

AYES: Directors Pierucci, Millwee, Unruh and Selvidge

NOES: None

ABSTAINED: None

- b) Consideration of Appointment of Board Committees – Mr. Bartel reviewed the red-line committee list with the Board. A motion was made by Director Selvidge with a second by Director Millwee to adopt the committee list as presented. The motion unanimously passed.
 - AYES: Directors Pierucci, Milwee, Unruh and Selvidge
 - NOES: None
 - ABSTAINED: None.
- c) Strategic Plan Update – Ms. Echeverria reviewed the status of Strategic Plan Goal #1 with the Board and updated the Board on staff’s current efforts to develop and maintain long-term partnerships.
- d) Rosedale Recap – Ms. Echeverria reported that staff has developed “The Rosedale Recap”, which will be a bi-monthly communication sent via email updating subscribers on the latest activities with the District in addition to upcoming meetings. She also demonstrated how to sign up via the website.
- e) Consideration of Mobile Lab Funding – Mr. Bartel reviewed the letter from North West Kern Resource Conservation District regarding mobile lab funding. A motion was made by Director Selvidge with a second by Director Millwee to approve the support of the Mobile Lab in the amount of \$2,000. The motion unanimously passed.
 - AYES: Directors Pierucci, Milwee, Unruh and Selvidge
 - NOES: None.
 - ABSTAINED: None.
- f) Berrenda Mesa Water Storage District Spreading Grounds Annexation – Mr. Taylor briefed the Board on the proposed annexation of certain lands within the District into the Berrenda Mesa Water District. Staff was directed to write a letter of non-opposition of the annexation.

ENGINEERS / PROJECTS REPORT

- a) Onyx Ranch
 - i. Operations Report – Mr. Bartel briefed the Board on the status of the Onyx Ranch operations.
 - ii. FEMA Disaster Relief Application – Ms. Echeverria briefed the Board on the FEMA Disaster Relief process. She reported that staff had received correspondence advising the District that an additional 30 day will be required for review.
- b) Improvement Projects – Mr. Nygren reported staff received NEPA approval and will be issuing a notice to proceed on the McCaslin/Bowling recovery well project.
- c) Ratification of Technical Services - Cultural – Ms. Echeverria reviewed the ASM Affiliates proposal to conduct archaeological monitoring for the McCaslin/Bowling recovery project. A motion was made by Director Millwee with a second by Director Unruh to execute the ASM Affiliates proposal with a budget not to exceed \$58,428. The motion unanimously passed.
 - AYES: Directors Pierucci, Milwee, Unruh and Selvidge
 - NOES: None.
 - ABSTAINED: None

COMMITTEE REPORTS

- a) Groundwater Banking Joint Powers Authority – Mr. Bartel reviewed briefly reviewed the meeting agenda items.
- b) James Groundwater Banking Authority – Mr. Bartel briefly reported on James Water Bank status.
- c) Sustainable Groundwater Management Act
 - i. Consideration of White Land Budget – Ms. Misuraca reviewed the actual 2023 costs expended by the District for SGMA activities and presented the current proposed 2024 SGMA costs and White Land Landowner budget. A motion was made by Director Selvidge with a second by Director Millwee to adopt the 2024 White Land Landowner budget and set a rate of \$8/acre. The motion was unanimously passed.
AYES: Directors Pierucci, Milwee, Unruh and Selvidge
NOES: None.
ABSTAINED: None.
 - ii. GSP Deficiency Update – Mr. Bartel briefed the Board on the most recent Kern Subbasin Coordination Committee efforts noting he will be presenting on well mitigation in March.
 - iii. Kern County Subbasin White Land Administration – Mr. Raytis reported the KGA currently manages white lands under SGMA and the Board discussed options for the continued management of the lands in light of KGA’s members electing to withdraw from the KGA.
 - iv. Consideration of 2023 DMS Cost Overrun – Mr. Bartel briefed the Board on the overrun of the GEI budget for the DMS. A motion was made by Director Unruh with a second by Director Millwee to approve the cost share of the overrun with Rosedale’s share at \$3,272.72. The motion unanimously passed.
AYES: Directors Pierucci, Milwee, Unruh and Selvidge
NOES: None.
ABSTAINED: None.
- d) Kern Fan Monitoring Committee – No report.
- e) Cross Valley Canal Advisory Committee – Mr. Bartel briefed the Board on CVC activities.
- f) Pioneer Project Committee – No report.
- g) Kern River Watershed Coalition Authority (KRWCA) – No report.
- h) Kern Fan Authority – No report.
- i) Joint Operating Committee (JOC) – No report.
- j) Committee for Delta Reliability – No report.
- k) South Valley Water Resources Authority – Mr. Taylor briefed the board on the Fish Friendly Diversion viability continuing studies.
- l) Valley Ag Water Coalition – No report.
- m) Kern Integrated Regional Water Management Plan – No report.
- n) Sites Reservoir Project – No report.
- o) Association of California Water Agencies – No report.

ATTORNEY’S REPORT

No report.

OLD OR NEW BUSINESS

No report.

CORRESPONDENCE

Water Education Foundation information on Bay Delta tour May 15-17.

Wireless Equity Group – Interest in purchasing Verizon tower lease for lump sum payment.

PUBLIC COMMENT

Mr. Ben Rudnick expressed frustration with water operations and communication at Onyx Ranch. Mr. Rudnick’s requests are to always have water in the Landers ditch even when Onyx Ranch doesn’t need water, receive notice whenever there is an outage on the Landers Ditch, the gate east of his property always gets closed and locked. The Board listened to Mr. Rudnick’s concerned and promised to provide him with a response.

CLOSED SESSION

During the meeting, the Board met in closed session, as follows: At 11:07 a.m. President Pierucci announced the Board would meet in closed session. Director Milwee left the closed session at 12:08 p.m. and returned at 12:15 p.m. At 12:30 p.m. the Board reconvened to open session. Mr. Raytis announced there were no reportable actions taken in closed session.

ADJOURNMENT

At 12:31 p.m. President Pierucci adjourned the meeting.

Monthly Financial Report

Rosedale-Rio Bravo Water Storage District



Prepared on
March 9, 2024

Rosedale-Rio Bravo Water Storage District
RRB Cash Balance
February 2024

	Date	Credit	Debit	Balance
10006 Tri-Counties Bank-Operations				
	Beginning Balance			1,938,271.55
Total for 10006 Tri-Counties Bank-Operations		\$ 166,006.07	\$ 913,955.18	\$ 1,190,322.44
10007 Tri-Counties Bank-Payroll				
	Beginning Balance			86,534.39
Total for 10007 Tri-Counties Bank-Payroll		\$ 160,450.63	\$ 127,009.08	\$ 119,975.94
10100 General County Fund # 60510				
	Beginning Balance			4,053,998.73
Total for 10100 General County Fund # 60510				\$ 4,053,998.73
10101 Operations County Fund # 60520				
	Beginning Balance			49,295.74
Total for 10101 Operations County Fund # 60520				\$ 49,295.74
10102 Bond Debt County Fund # 60526				
	Beginning Balance			5,225.70
Total for 10102 Bond Debt County Fund # 60526				\$ 5,225.70
10103 Bond Reserve County Fund #60527				
	Beginning Balance			955.53
Total for 10103 Bond Reserve County Fund #60527				\$ 955.53
10503 2018 COP Reserve Fund Account				
		** Balance as of 1/31/2024		
	Beginning Balance			1,103,833.63
Total for 10503 2018 COP Reserve Fund Account				\$ 1,103,833.63
10504 2020 COP W.F. Trust Funds M.M.				
	Beginning Balance			4,648.03
Total for 10504 2020 COP W.F. Trust Funds M.M.		\$ 484.35		\$ 5,616.73
10551 Goldman Sachs Money Market				
		** Balance as of 1/31/2024		
	Beginning Balance			3,286,494.97
Total for 10551 Goldman Sachs Money Market				\$ 3,286,494.97
TOTAL CASH		\$ 326,941.05	\$ 1,040,964.26	\$ 9,815,719.41

Rosedale-Rio Bravo Water Storage District
RRB Investment / Cash Equivalent
February 2024

	Date	Debit	Credit	Balance
10550 Investment AMG - Wells Fargo				
	Beginning Balance	** Balance as of 1/31/2024		12,441,346.08
Total for 10550 Investment AMG - Wells Fargo				\$ 12,441,346.08
TOTAL				
		Total Cash and Cash Equivalent		\$ 22,257,065.49

Bills and Applied Payments For Ratification

February 10 - March 7, 2024

Transaction Type	Num	Date	Amount	Split
Abate-A-Weed				
Bill Payment (Check)	3158	02/23/2024	-41.48	10006 Tri-Counties Bank- Operations
Bill	1027923	01/16/2024	41.48	61650 Operating Supplies
Advanced Data Storage, Inc.				
Bill Payment (Check)	3157	02/23/2024	-41.40	10006 Tri-Counties Bank- Operations
Bill	0179063	02/17/2024	41.40	62000 General Office
Agricultural Energy Consumers Association				
Bill Payment (Check)	3156	02/23/2024	-500.00	10006 Tri-Counties Bank- Operations
Bill	30510 Feb 24	02/23/2024	500.00	62005 Dues and Membership
Benjamin P. Ruiz				
Bill Payment (Check)	3155	02/23/2024	-16,380.00	10006 Tri-Counties Bank- Operations
Bill	20240214 Bowling #1	02/14/2024	4,020.00	70201 Capital Environmental Services
Bill	20240213 McCaslin #1	02/13/2024	4,020.00	70201 Capital Environmental Services
Bill	2024-02-12 McCaslin 2	02/12/2024	8,340.00	63005 Environmental Services
BHK Accountancy Corporation				
Bill Payment (Check)	3154	02/23/2024	-250.00	10006 Tri-Counties Bank- Operations
Bill	150778	01/31/2024	250.00	63002 Audit and Accounting Services

Transaction Type	Num	Date	Amount	Split
Builders Mart				
Bill Payment (Check)	3153	02/23/2024	-359.33	10006 Tri-Counties Bank- Operations
Bill	4612 Jan 24	01/31/2024	359.33	61650 Operating Supplies
Carroll's Tire Warehouse				
Bill Payment (Check)	3152	02/23/2024	-398.87	10006 Tri-Counties Bank- Operations
Bill	93791	02/12/2024	398.87	65000 Auto Maintenance & Repair
Christensen, Inc.				
Bill Payment (Check)	3151	02/23/2024	-4,093.86	10006 Tri-Counties Bank- Operations
Bill	298852CT	02/15/2024	4,093.86	-Split-
Eastern Kern Air Pollution Control Distri				
Bill Payment (Check)	3164	02/28/2024	-152.00	10006 Tri-Counties Bank- Operations
Bill	2024 Permit Renewal	02/28/2024	152.00	60200 Licenses, Permits and Fees
Esparza Enterprises, Inc				
Bill Payment (Check)	3150	02/23/2024	-7,668.89	10006 Tri-Counties Bank- Operations
Bill	120987	02/14/2024	4,063.29	-Split-
Bill	121170	02/21/2024	3,605.60	-Split-
Frank Russell Inc.				
Bill Payment (Check)	3163	02/28/2024	-3,443.65	10006 Tri-Counties Bank- Operations

Transaction Type	Num	Date	Amount	Split
Bill		02/26/2024	3,443.65	65001 Equipment Maintenance & Repair
Jeffries Bros., Inc.				
Bill Payment (Check)	ACH	02/12/2024	-172.12	10006 Tri-Counties Bank- Operations
Bill	143662	01/30/2024	172.12	61800 Fuel
Kern Auto Parts				
Bill Payment (Check)	3149	02/23/2024	-183.38	10006 Tri-Counties Bank- Operations
Bill	058301	02/13/2024	183.38	65000 Auto Maintenance & Repair
Kern County Public Works				
Bill Payment (Check)	3148	02/23/2024	-1,974.93	10006 Tri-Counties Bank- Operations
Bill	39807	02/08/2024	1,974.93	63007 Other Contracted Services
Kern County Water Agency				
Bill Payment (Check)	3147	02/23/2024	-308,360.00	10006 Tri-Counties Bank- Operations
Bill	41096	02/13/2024	308,360.00	61300 Surface Water Pumping
Bill Payment (Check)	3159	02/23/2024	-40,207.00	10006 Tri-Counties Bank- Operations
Bill	41099	02/13/2024	40,207.00	61400 Third Party Project Operations
Mission Uniform Service				
Bill Payment (Check)	3146	02/23/2024	-99.42	10006 Tri-Counties Bank- Operations
Bill	521009350	02/09/2024	99.42	63500 Janitorial

Transaction Type	Num	Date	Amount	Split
Office1				
Bill Payment (Check)	3145	02/23/2024	-175.27	10006 Tri-Counties Bank- Operations
Bill	AR1076715	02/12/2024	175.27	62001 Printing & Reproduction
PG&E (1091941045-5)				
Bill Payment (Check)	3144	02/23/2024	-22,815.86	10006 Tri-Counties Bank- Operations
Bill	1091941045-5 Feb 24	02/14/2024	22,815.86	61300 Surface Water Pumping
PG&E (3387844223-6)				
Bill Payment (Check)	3143	02/23/2024	-2,809.39	10006 Tri-Counties Bank- Operations
Bill	3387844223-6 Feb 24	02/14/2024	2,809.39	66000 Utilities
PG&E CFM/PPC Department				
Bill Payment (Check)	3142	02/23/2024	-34,764.29	10006 Tri-Counties Bank- Operations
Bill	126489029	02/13/2024	34,764.29	70101 Capital Well
Bill Payment (Check)	3160	02/23/2024	-22,622.09	10006 Tri-Counties Bank- Operations
Bill	127111084	02/15/2024	22,622.09	70101 Capital Well
Bill Payment (Check)	3161	02/23/2024	-6,857.03	10006 Tri-Counties Bank- Operations
Bill	126489069	02/13/2024	6,857.03	70101 Capital Well
Powers Electric Product Co				
Bill Payment (Check)	3141	02/23/2024	-458.98	10006 Tri-Counties Bank- Operations

Transaction Type	Num	Date	Amount	Split
Bill	76942	02/14/2024	458.98	61650 Operating Supplies
Purchase Power				
Bill Payment (Check)	ACH	02/22/2024	-81.93	10006 Tri-Counties Bank- Operations
Bill	67798240	02/21/2024	81.93	62009 Postage and Delivery
Quinn Company				
Bill Payment (Check)	3140	02/23/2024	-4,909.35	10006 Tri-Counties Bank- Operations
Bill	27361501	02/14/2024	3,877.46	61500 Equipment Rental
Bill	25820707	02/20/2024	1,031.89	65001 Equipment Maintenance & Repair
SoCalGas				
Bill Payment (Check)	3139	02/23/2024	-59.70	10006 Tri-Counties Bank- Operations
Bill	11021673006 Feb 24	02/16/2024	59.70	66000 Utilities
Southern California Edison (700122257127)				
Bill Payment (Check)	3138	02/23/2024	-5,508.78	10006 Tri-Counties Bank- Operations
Bill	700122257127 Feb 24	02/06/2024	5,508.78	-Split-
Southern California Edison (Projects)				
Bill Payment (Check)	3162	02/28/2024	-77.03	10006 Tri-Counties Bank- Operations
Bill	75903536444	02/28/2024	77.03	70101 Capital Well
Standard Insurance				

Transaction Type	Num	Date	Amount	Split
Bill Payment (Check)	3137	02/23/2024	-720.14	10006 Tri-Counties Bank- Operations
Bill	006492990038 Feb 24	02/13/2024	720.14	-Split-
Stoel Rives LLP				
Bill Payment (Check)	3136	02/23/2024	-39,173.09	10006 Tri-Counties Bank- Operations
Bill	8000933	02/16/2024	1,621.37	63000 Legal Services
Bill	8000927	02/16/2024	22,831.42	63000 Legal Services
Bill	8000932	02/16/2024	14,720.30	63000 Legal Services
Verizon Wireless				
Bill Payment (Check)	3135	02/23/2024	-859.13	10006 Tri-Counties Bank- Operations
Bill	9955981844	02/06/2024	859.13	66001 Phone / Internet
Water Association of Kern County				
Bill Payment (Check)	3134	02/23/2024	-1,000.00	10006 Tri-Counties Bank- Operations
Bill	WAKC Summit 03-2024	02/21/2024	1,000.00	62008 Educational Fees
Workforce go!				
Bill Payment (Check)	3133	02/23/2024	-191.17	10006 Tri-Counties Bank- Operations
Bill	INV-0031618	02/19/2024	191.17	60001 Payroll Taxes and Fees

Total AP to be ratified: \$527,409.56

Bills and Applied Payments Board AP

March 8, 2024

Transaction Type	Num	Date	Amount	Split
Abate-A-Weed				
Bill Payment (Check)	3165	03/08/2024	-128.60	10006 Tri-Counties Bank- Operations
Bill	1539192	02/23/2024	128.60	61650 Operating Supplies
ACE HARDWARE				
Bill Payment (Check)	3166	03/08/2024	-18.38	10006 Tri-Counties Bank- Operations
Bill	64197	03/01/2024	18.38	61650 Operating Supplies
ACWA - JPIA (Benefits)				
Bill Payment (Check)	3167	03/08/2024	-16,858.84	10006 Tri-Counties Bank- Operations
Bill	0702105	03/04/2024	16,858.84	60005 Staff Benefits
AE-COM Engineering Inc				
Bill Payment (Check)	3168	03/08/2024	-1,119.34	10006 Tri-Counties Bank- Operations
Bill	2000864387	03/06/2024	1,119.34	63004 Engineering Services
All-Pro Air, Inc.				
Bill Payment (Check)	3169	03/08/2024	-872.27	10006 Tri-Counties Bank- Operations
Bill	57844-B	02/26/2024	872.27	65100 Building Maintenance
Avid Water				
Bill Payment (Check)	3170	03/08/2024	-2.12	10006 Tri-Counties Bank- Operations

Transaction Type	Num	Date	Amount	Split
Bill	0452380-IN	02/21/2024	2.12	65001 Equipment Maintenance & Repair
Barnes Welding Supply				
Bill Payment (Check)	3171	03/08/2024	-675.04	10006 Tri-Counties Bank- Operations
Bill	0063324207	02/01/2024	629.46	61650 Operating Supplies
Bill	0091648739	02/29/2024	45.58	61500 Equipment Rental
Belden Blaine Raytis, LLP				
Bill Payment (Check)	3172	03/08/2024	-29,098.50	10006 Tri-Counties Bank- Operations
Bill	22593	03/04/2024	9,757.50	63000 Legal Services
Bill	22594	03/04/2024	1,493.00	63000 Legal Services
Bill	22591	03/04/2024	18,445.00	-Split-
Bill	22592	03/04/2024	155.50	63000 Legal Services
Vendor Credit		02/15/2024	-752.50	63000 Legal Services
Benjamin P. Ruiz				
Bill Payment (Check)	3173	03/08/2024	-6,920.00	10006 Tri-Counties Bank- Operations
Bill	3001	03/06/2024	4,040.00	63005 Environmental Services
Bill	3003	03/06/2024	2,880.00	70201 Capital Environmental Services
Berchtold Equipment Company				
Bill Payment (Check)	3174	03/08/2024	-2,459.88	10006 Tri-Counties Bank- Operations
Bill	W11940	03/05/2024	1,459.73	65001 Equipment Maintenance & Repair

Transaction Type	Num	Date	Amount	Split
Bill	W11802	03/01/2024	1,000.15	65001 Equipment Maintenance & Repair
BSK Associates Inc				
Bill Payment (Check)	3175	03/08/2024	-3,623.16	10006 Tri-Counties Bank- Operations
Bill	AH05572	03/04/2024	1,200.00	-Split-
Bill	AH05868	03/06/2024	1,223.16	61655 Water Quality Testing
Bill	AH05512	03/01/2024	1,200.00	-Split-
Buena Vista GSA				
Bill Payment (Check)	3176	03/08/2024	-11,818.18	10006 Tri-Counties Bank- Operations
Bill		03/01/2024	11,818.18	61450 Regulatory Programs
Carroll's Tire Warehouse				
Bill Payment (Check)	3177	03/08/2024	-4,406.85	10006 Tri-Counties Bank- Operations
Bill	94026	02/28/2024	98.72	65000 Auto Maintenance & Repair
Bill	94048	03/01/2024	131.14	65000 Auto Maintenance & Repair
Bill	94021	02/28/2024	1,692.57	65000 Auto Maintenance & Repair
Bill	93943	02/22/2024	2,484.42	65000 Auto Maintenance & Repair
Christensen, Inc.				
Bill Payment (Check)	3178	03/08/2024	-3,635.47	10006 Tri-Counties Bank- Operations
Bill	301415CT	02/29/2024	3,635.47	-Split-

Transaction Type	Num	Date	Amount	Split
Comptel Services				
Bill Payment (Check)	3179	03/08/2024	-354.00	10006 Tri-Counties Bank- Operations
Bill	102323	02/16/2024	354.00	66011 Technology Fees & Subscriptions
David Janes Company				
Bill Payment (Check)	3180	03/08/2024	-84.00	10006 Tri-Counties Bank- Operations
Bill	0428413-IN	03/06/2024	84.00	61650 Operating Supplies
Electrical Power Systems, Inc.				
Bill Payment (Check)	3181	03/08/2024	-2,486.00	10006 Tri-Counties Bank- Operations
Bill	11058	12/14/2023	2,486.00	65200 Booster Pump Maintenance
Esparza Enterprises, Inc				
Bill Payment (Check)	3182	03/08/2024	-7,732.48	10006 Tri-Counties Bank- Operations
Bill	121426	03/06/2024	4,018.02	-Split-
Bill	121344	02/28/2024	3,714.46	-Split-
Gary Unruh				
Bill Payment (Check)	3183	03/08/2024	-755.21	10006 Tri-Counties Bank- Operations
Bill	2024-02-29	02/27/2024	755.21	62007 Directors' Fees
Jason Selvidge				
Bill Payment (Check)	3184	03/08/2024	-251.99	10006 Tri-Counties Bank- Operations
Bill	2024-02-29	02/29/2024	251.99	62007 Directors' Fees

Transaction Type	Num	Date	Amount	Split
Jordan Kaufman - KCTTC				
Bill Payment (Check)	3185	03/08/2024	-60,095.62	10006 Tri-Counties Bank- Operations
Bill	2023-1236523-00-5	02/27/2024	5,910.22	68000 Property Taxes
Bill	2023-1236525-00-1	02/27/2024	3,021.49	68000 Property Taxes
Bill	2023-1236526-00-4	02/27/2024	6,740.03	68000 Property Taxes
Bill	2023-1236528-00-0	02/27/2024	3,877.59	68000 Property Taxes
Bill	2023-1236529-00-3	02/27/2024	828.26	68000 Property Taxes
Bill	2023-1236946-00-0	02/27/2024	417.90	68000 Property Taxes
Bill	2023-1313867-00-4	02/27/2024	2,148.80	68000 Property Taxes
Bill	2023-1313868-00-7	02/27/2024	5,544.76	68000 Property Taxes
Bill	2023-1313889-00-8	02/27/2024	720.11	68000 Property Taxes
Bill	2023-1236500-00-8	02/27/2024	236.34	68000 Property Taxes
Bill	2023-1313866-00-1	02/27/2024	760.96	68000 Property Taxes
Bill	2023-1313869-00-0	02/27/2024	1,718.89	68000 Property Taxes
Bill	2023-1236518-00-1	02/27/2024	6,347.42	68000 Property Taxes
Bill	2023-1236520-00-6	02/27/2024	5,792.15	68000 Property Taxes
Bill	2023-1236521-00-9	02/27/2024	610.93	68000 Property Taxes
Bill	2023-1236522-00-2	02/27/2024	20.90	68000 Property Taxes
Bill	2023-1236524-00-8	02/27/2024	82.11	68000 Property Taxes
Bill	2023-1236527-00-7	02/27/2024	5,541.47	68000 Property Taxes
Bill	2023-1236532-00-1	02/27/2024	366.67	68000 Property Taxes
Bill	2023-1236538-00-9	02/27/2024	136.78	68000 Property Taxes
Bill	2023-1236539-00-2	02/27/2024	309.99	68000 Property Taxes
Bill	2023-1313870-00-2	02/27/2024	4,209.04	68000 Property Taxes
Bill	2023-1313885-00-6	02/27/2024	153.28	68000 Property Taxes
Bill	2023-1313976-00-7	02/27/2024	288.70	68000 Property Taxes

Transaction Type	Num	Date	Amount	Split
Bill	2023-1236499-00-9	02/27/2024	296.41	68000 Property Taxes
Bill	2023-1313985-00-3	02/27/2024	4,014.42	68000 Property Taxes
Kern Auto Parts				
Bill Payment (Check)	3186	03/08/2024	-81.14	10006 Tri-Counties Bank- Operations
Bill	059686	03/05/2024	81.14	65000 Auto Maintenance & Repair
Kern County Water Agency				
Bill Payment (Check)	3187	03/08/2024	-66,805.58	10006 Tri-Counties Bank- Operations
Bill	41137	03/04/2024	4,386.58	Third Party Project Operations:Cross Valley Canal
Bill	41161	03/01/2024	61,593.00	Third Party Project Operations:Cross Valley Canal
Bill	41146	03/01/2024	826.00	Third Party Project Operations:Cross Valley Canal
Kern Water Bank Authority				
Bill Payment (Check)	3188	03/08/2024	-5,736.86	10006 Tri-Counties Bank- Operations
Bill	2024-02-22	02/22/2024	5,736.86	61050 Other Water Purchase
Martinez Gardening Service				
Bill Payment (Check)	3189	03/08/2024	-200.00	10006 Tri-Counties Bank- Operations
Bill	048729	02/24/2024	200.00	65100 Building Maintenance

Transaction Type	Num	Date	Amount	Split
Metal Marketing Group Attn Jason				
Bill Payment (Check)	3190	03/08/2024	-6,501.37	10006 Tri-Counties Bank- Operations
Bill		03/04/2024	6,501.37	12600 Construction in Progress
Mission Uniform Service				
Bill Payment (Check)	3191	03/08/2024	-99.42	10006 Tri-Counties Bank- Operations
Bill	521096232	02/23/2024	99.42	63500 Janitorial
Mitch Millwee				
Bill Payment (Check)	3192	03/08/2024	-104.02	10006 Tri-Counties Bank- Operations
Bill	2024-02-29	02/13/2024	104.02	62007 Directors' Fees
Office1				
Bill Payment (Check)	3193	03/08/2024	-175.27	10006 Tri-Counties Bank- Operations
Bill	AR1088174	03/08/2024	175.27	62001 Printing & Reproduction
Peachy Clean				
Bill Payment (Check)	3194	03/08/2024	-800.00	10006 Tri-Counties Bank- Operations
Bill	0-211	02/27/2024	400.00	63500 Janitorial
Bill	February 2024	02/27/2024	400.00	63500 Janitorial
PG&E (0439653883-9)				
Bill Payment (Check)	3195	03/08/2024	-408.04	10006 Tri-Counties Bank- Operations

Transaction Type	Num	Date	Amount	Split
Bill	0439653883-9 Mar 24	03/04/2024	408.04	61300 Surface Water Pumping
PG&E (1338232537-4)				
Bill Payment (Check)	3196	03/08/2024	-1,136.45	10006 Tri-Counties Bank- Operations
Bill	1338232537-4 Mar 24	03/04/2024	1,136.45	61301 Groundwater Pumping
PG&E (3923107207-3)				
Bill Payment (Check)	3197	03/08/2024	-1,619.91	10006 Tri-Counties Bank- Operations
Bill	3923107207-3 Mar 24	03/04/2024	1,619.91	61301 Groundwater Pumping
PG&E (5592643715-7)				
Bill Payment (Check)	3198	03/08/2024	-137.61	10006 Tri-Counties Bank- Operations
Bill	5592643715-7 Mar 24	03/04/2024	137.61	61301 Groundwater Pumping
PG&E (5919499601-9)				
Bill Payment (Check)	3199	03/08/2024	-195.84	10006 Tri-Counties Bank- Operations
Bill	5919499601-9 Mar 24	03/04/2024	195.84	61301 Groundwater Pumping
PG&E (7649745985-9)				
Bill Payment (Check)	3200	03/08/2024	-10.52	10006 Tri-Counties Bank- Operations
Bill	7649745985-9 Mar 24	03/05/2024	10.52	66000 Utilities
PG&E (8190181094-5)				

Transaction Type	Num	Date	Amount	Split
Bill Payment (Check)	3201	03/08/2024	-147.55	10006 Tri-Counties Bank- Operations
Bill	8190181094-5 Mar 24	03/04/2024	147.55	61301 Groundwater Pumping
Quinn Company				
Bill Payment (Check)	3202	03/08/2024	-202.81	10006 Tri-Counties Bank- Operations
Bill	08C211358, FINA036524	02/29/2024	202.81	-Split-
Robins Borghei LLP				
Bill Payment (Check)	3203	03/08/2024	-78.00	10006 Tri-Counties Bank- Operations
Bill	64067	02/26/2024	78.00	63000 Legal Services
Roy Pierucci				
Bill Payment (Check)	3204	03/08/2024	-1,880.40	10006 Tri-Counties Bank- Operations
Bill	2024-03-06	03/06/2024	813.94	67000 Travel
Bill	2024-02-29	02/29/2024	1,066.46	62007 Directors' Fees
Salas Tree Service				
Bill Payment (Check)	3205	03/08/2024	-6,750.00	10006 Tri-Counties Bank- Operations
Bill	2024023	03/04/2024	6,750.00	63007 Other Contracted Services
Santa Clara Valley Water District				
Bill Payment (Check)	3206	03/08/2024	-1,200,000.00	10006 Tri-Counties Bank- Operations
Bill	GN102901	02/28/2024	1,200,000.00	61050 Other Water Purchase

Transaction Type	Num	Date	Amount	Split
Southern California Edison (700102049704)				
Bill Payment (Check)	3207	03/08/2024	-369.69	10006 Tri-Counties Bank- Operations
Bill	700102049704 Mar 24	02/29/2024	369.69	66000 Utilities
Southern California Edison (700511405161)				
Bill Payment (Check)	3208	03/08/2024	-139.79	10006 Tri-Counties Bank- Operations
Bill	700511405161 Mar 24	02/29/2024	139.79	66000 Utilities
Spectrum Business				
Bill Payment (Check)	3209	03/08/2024	-154.98	10006 Tri-Counties Bank- Operations
Bill	1355119030124	03/01/2024	154.98	66001 Phone / Internet
SSD Alarm				
Bill Payment (Check)	3210	03/08/2024	-237.51	10006 Tri-Counties Bank- Operations
Bill	R-00511968	03/08/2024	237.51	66000 Utilities
Stoel Rives LLP				
Bill Payment (Check)	3211	03/08/2024	-22,530.42	10006 Tri-Counties Bank- Operations
Bill	8005605	03/07/2024	7,241.13	63000 Legal Services
Bill	8005606	03/07/2024	15,289.29	63000 Legal Services
Thomas Refuse Service, Inc				
Bill Payment (Check)	3212	03/08/2024	-236.67	10006 Tri-Counties Bank- Operations
Bill	43104422	03/01/2024	236.67	66000 Utilities

Transaction Type	Num	Date	Amount	Split
United Rentals				
Bill Payment (Check)	3213	03/08/2024	-1,536.07	10006 Tri-Counties Bank- Operations
Bill	220648729-011	03/05/2024	1,536.07	61500 Equipment Rental
Workforce go!				
Bill Payment (Check)	3214	03/08/2024	-52.74	10006 Tri-Counties Bank- Operations
Bill	INV-0031960	03/01/2024	52.74	60001 Payroll Taxes and Fees

Total AP Current: \$1,471,724.59

Total AP Current + Ratified: \$1,999,134.15
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Rosedale-Rio Bravo Water Storage District

Budget vs. Actuals: FYE December 31, 2024

January - December 2024

	TOTAL		
	ACTUAL	BUDGET	% OF BUDGET
Income			
40000 Assesments	2,938,031.19	5,809,040.00	50.58 %
40010 Prior Year Assesments	33,753.00	25,000.00	135.01 %
40500 Water Charge		1,824,000.00	
40501 Water Sales	0.00		
40503 SW Pumping Reimbursement		320,000.00	
40506 Groundwater Mitigation	5.00	32,000.00	0.02 %
40507 O & M Reimbursement	0.00	180,000.00	0.00 %
40508 Groundwater Banking	2,801,667.00	5,600,000.00	50.03 %
40509 Lease	42,127.75	65,000.00	64.81 %
40510 GW Recovery Reimbursement		24,000.00	
40600 Interest	71,464.45	600,000.00	11.91 %
41000 Other	0.00	5,000.00	0.00 %
41001 Refunds and Credits	463.79	50,000.00	0.93 %
41005 Income from Sale of Asset		12,618,250.00	
41010 Grant		1,950,000.00	
41050 Resource Management	2,155.56	175,000.00	1.23 %
Total Income	\$5,889,667.74	\$29,277,290.00	20.12 %
GROSS PROFIT	\$5,889,667.74	\$29,277,290.00	20.12 %
Expenses			
60000 Wages and Salaries	234,125.90	1,573,040.00	14.88 %
60001 Payroll Taxes and Fees	6,557.20	34,650.00	18.92 %
60005 Staff Benefits	59,000.96	194,400.00	30.35 %
60006 Staff Retirement	59,466.48	222,600.00	26.71 %
60007 Workers Compensation Insurance	4,735.18	34,650.00	13.67 %
60100 Bank Charges	351.56	4,200.00	8.37 %
60110 Assesment Reimbursement		80,000.00	
60200 Licenses, Permits and Fees	4,054.62	20,000.00	20.27 %
61000 KCWA SWP	2,728,279.00	4,662,105.00	58.52 %
61001 COB Basic Contract		2,494,400.00	
61050 Other Water Purchase	17,576.86	1,000,000.00	1.76 %
61300 Surface Water Pumping	23,223.90	400,000.00	5.81 %
61301 Groundwater Pumping	6,979.62	30,000.00	23.27 %
61350 Well Mitigation		5,000.00	
61400 Third Party Project Operations	772,059.58	1,880,000.00	41.07 %
61401 Delta Conveyance Project	500,095.00	833,492.00	60.00 %
61450 Regulatory Programs	41,968.54	60,000.00	69.95 %
61500 Equipment Rental	14,643.16	50,000.00	29.29 %
61650 Operating Supplies	4,868.53	35,000.00	13.91 %
61655 Water Quality Testing	3,623.16	15,000.00	24.15 %
61660 Property Lease	35,802.00	75,000.00	47.74 %
61800 Fuel	15,819.58	100,000.00	15.82 %
62000 General Office	3,995.29	26,000.00	15.37 %

	TOTAL		
	ACTUAL	BUDGET	% OF BUDGET
62001 Printing & Reproduction	531.48	3,000.00	17.72 %
62003 Publications and Notices		1,500.00	
62005 Dues and Membership	32,940.00	83,030.00	39.67 %
62007 Directors' Fees	6,709.31	37,000.00	18.13 %
62008 Educational Fees	1,055.57	8,000.00	13.19 %
62009 Postage and Delivery	282.53	2,500.00	11.30 %
63000 Legal Services	121,388.18	500,000.00	24.28 %
63002 Audit and Accounting Services	250.00	46,000.00	0.54 %
63004 Engineering Services	1,119.34	150,000.00	0.75 %
63005 Environmental Services	17,445.00	50,000.00	34.89 %
63006 Hydrogeology Services	16,977.50	120,000.00	14.15 %
63007 Other Contracted Services	52,192.17	200,000.00	26.10 %
63010 Insurance	50,727.20	90,000.00	56.36 %
63500 Janitorial	1,254.14	9,180.00	13.66 %
64000 Water Transaction Fees	0.00	50,000.00	0.00 %
65000 Auto Maintenance & Repair	7,196.04	27,000.00	26.65 %
65001 Equipment Maintenance & Repair	13,761.53	52,000.00	26.46 %
65002 Mileage Reimbursement		500.00	
65100 Building Maintenance	1,372.27	17,000.00	8.07 %
65101 Water Structure Maintenance	0.00	22,000.00	0.00 %
65200 Booster Pump Maintenance		22,000.00	
65201 Well Maintenance	0.00	50,000.00	0.00 %
65500 Weed Contol/Chemicals		100,000.00	
66000 Utilities	10,760.16	17,500.00	61.49 %
66001 Phone / Internet	3,386.06	16,000.00	21.16 %
66011 Technology Fees & Subscriptions	10,962.99	50,000.00	21.93 %
67000 Travel	2,071.14	10,500.00	19.73 %
68000 Property Taxes	60,095.62	190,000.00	31.63 %
70000 Capital Water Structure	0.00	1,725,000.00	0.00 %
70001 Capital Building		75,000.00	
70100 Capital Booster Pump		50,000.00	
70101 Capital Well	64,320.44	3,200,000.00	2.01 %
70200 Capital Engineering Services		350,000.00	
70201 Capital Environmental Services	10,920.00	50,000.00	21.84 %
70500 Capital Auto		50,000.00	
70501 Capital Equipment		50,000.00	
70600 Capital Office Equipment		12,000.00	
70602 Capital Land		2,000,000.00	
70700 Third Party Projects- Capital	0.00	1,755,000.00	0.00 %
80002 Interest Paid	26.54		
88004 2020 COP- Debt Service	2,747,567.92	3,928,054.18	69.95 %
88100 COP Administration		9,000.00	
Total Expenses	\$7,772,539.25	\$29,008,301.18	26.79 %
NET OPERATING INCOME	\$ -1,882,871.51	\$268,988.82	-699.98 %
NET INCOME	\$ -1,882,871.51	\$268,988.82	-699.98 %

WELCOME TO ROSEDALE-RIO BRAVO WATER STORAGE DISTRICT

Rosedale-Rio Bravo Water Storage District was formed in 1959 to replenish the groundwater pumped by its overlying users. This important task is accomplished through the importation and recharge of surface water into the groundwater aquifer. To recharge groundwater, Rosedale utilizes a series of canals, wells, pipelines, and ponds to provide sustainable groundwater access for its landowners.



BOARD MEETING

[Next Meeting Agenda](#)

NEWS & UPDATES

[Notice of Proposed Water Charge](#)

[Water Charge Rate Study](#)

[August 9, 2023 - Notice of Intent to Prepare GSP](#)

[VIDEO: How to find Depth to Water Data](#)



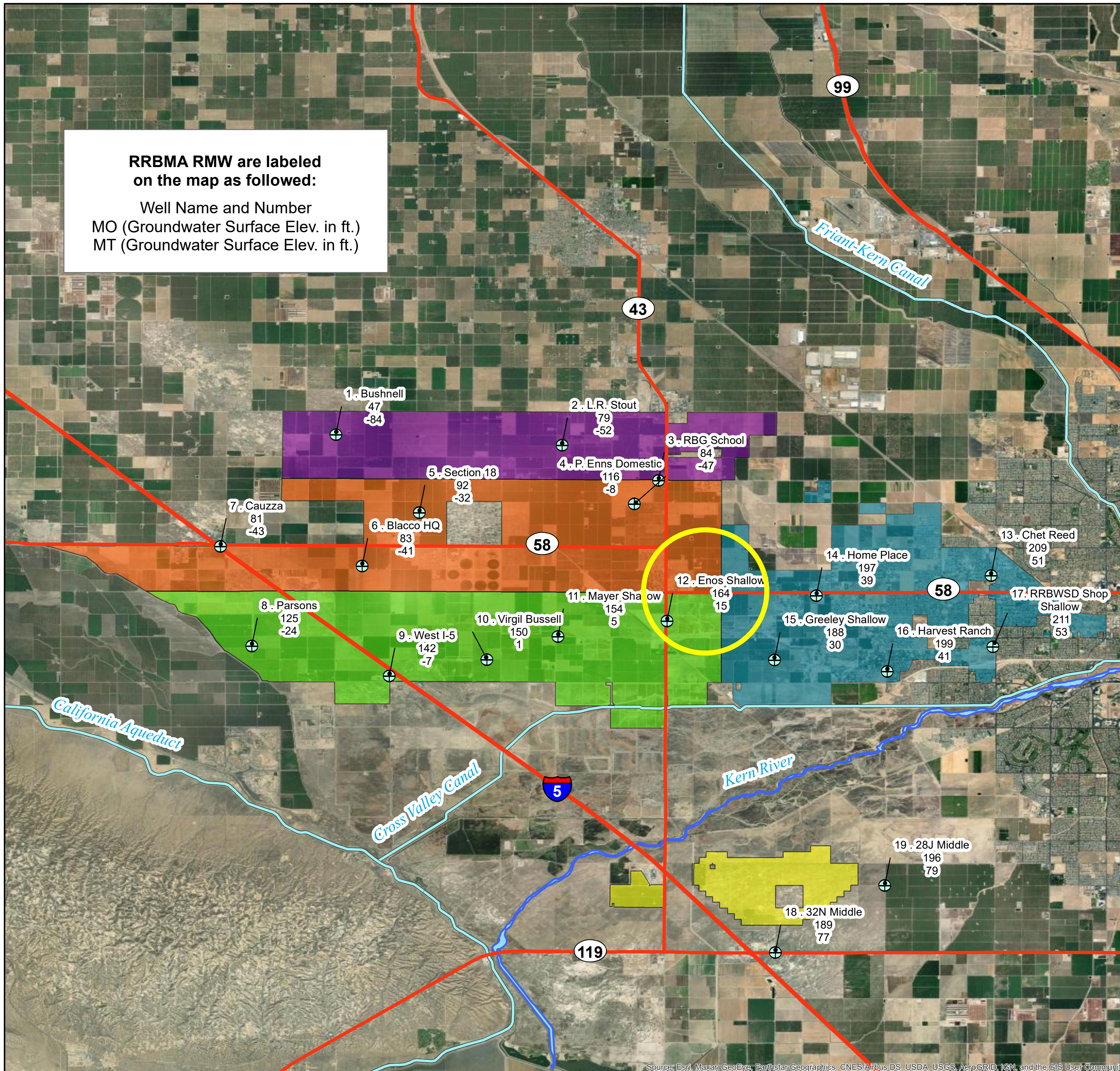
Groundwater Level Measurements (2023 vs. 2024) Comparison

State Well No.	Well Name	March 2023 Measurement Date	Depth to Water	March 2024 Measurement Date	Depth to Water	Difference
29S/26E-17R	Unruh	2/27/2023	266.1	2/29/2024	254	12.1
29S/25E-25M01	25M Enos Deep	2/28/2023	268.6	2/28/2024	183.4	85.2
29S/25E-25M02	25M Enos	2/27/2023	259.2	2/28/2024	137.3	121.9
29S/26E-31H02	31H Greeley	2/27/2023	261.5	2/28/2024	159	102.5
29S/26E-31H01	31H Greeley Deep	2/27/2023	266	2/28/2024	171.1	94.9
29S/26E-35H03	35H RRBWSD Shop Deep	2/27/2023	224.9	2/28/2024	191.4	33.5
29S/26E-35H04	35H RRBWSD Shop	2/27/2023	224	2/28/2024	192	32.0
29S/24E-36R01	West I-5	2/28/2023	247.9	2/27/2024	221.5	26.4
29S/25E-27N02	27N Mayer	2/28/2023	256.7	2/29/2024	192	64.7
29S/25E-27N01	27N Mayer Deep	2/28/2023	263.6	2/29/2024	191.7	71.9
29S/25E-36E01	Virgil Bussell	2/28/2023	252.2	2/29/2024	224.8	27.4
29S/26E-34M01	Harvest Ranch	2/27/2023	248.5	2/28/2024	201.9	46.6
29S/26E-29B	Home Place	2/27/2023	263.4	2/28/2024	238	25.4
29S/24E-24F	Blacco HQ	2/28/2023	268.2	2/28/2024	264.8	3.4
29S/24E-28L	Parsons	2/28/2023	237	2/28/2024	221.4	15.6
29S/24E-02J01	Bushnell	2/28/2023	330.1	2/29/2024	327.2	2.9
29S/25E-03N01	L.R. Stout	2/28/2023	314.8	2/28/2024	318	(3.2)
29S/25E-11H	RBG School	2/28/2023	299.5	2/28/2024	300.6	(1.1)
29S/25E-14C01	P. Enns Domestic	2/28/2023	295.5	2/28/2024	304	(8.5)
29S/26E-23J01	Chet Reed	2/27/2023	216.2	2/28/2024	215.4	0.8
29S/25E-18B01	Section 18	2/28/2023	286	2/28/2024	286.8	(0.8)
29S/24E-21A01	Cauzza	2/28/2023	277.7	2/28/2024	273.2	4.5
29S/26E-19G	Gardiner New	2/28/2023	274	2/28/2024	240.8	33.2
29S/26E-24L	Brock North	2/27/2023	223.3	2/28/2024	214.2	9.1
29S/26E-25G	Brock South	2/27/2023	227.1	2/28/2024	209.8	17.3
29S/26E-28E	Ron Bartel	2/27/2023	251.1	2/28/2024	239.5	11.6
29S/26E-29E	Wyer	2/27/2023	257.9	2/28/2024	183.5	74.4
29S/25E-27A	McCaslin Home	2/28/2023	268.9	2/29/2024	226.2	42.7
29S/25E-28L	Blacco Well	2/28/2023	261.8	2/29/2024	158.7	103.1
29S/25E-34C	Fast Domestic	2/28/2023	255.1	2/29/2024	185.5	69.6
29S/25E-34R	Richard Enns	2/28/2023	245.8	2/29/2024	105.8	140.0
29S/25E-24N	Golden Bull	2/28/2023	269.2	2/28/2024	150.5	118.7
29S/26E-33F	Dave Williams	2/27/2023	259	2/28/2024	206.8	52.2
29S/26E-33D	Duhn	2/27/2023	248	2/28/2024	203.5	44.5
29S/26E-33B	4D Ranch	2/27/2023	259.2	2/28/2024	222	37.2
29S/26E-35R01	Stockdale Ranchos	2/27/2023	227.4	2/28/2024	178.2	49.2
30S/25E-02J03	Strand Ranch	2/28/2023	236.9	2/28/2024	51.9	185.0
29S/25E-34A	Enns-01	2/28/2023	258.9	2/29/2024	166.2	92.7
29S/25E-34A2	Enns-02	2/28/2023	260.1	2/29/2024	158.7	101.4
29S/25E-34H	Enns-03	2/28/2023	253.8	2/29/2024	139	114.8
29S/25E-29Q	WB-1	2/28/2023	263.7	2/29/2024	232.9	30.8
29S/25E-28N	WB-2	2/28/2023	262.2	2/29/2024	225.1	37.1
29S/25E-28P	WB-3	2/28/2023	263.1	2/29/2024	211.3	51.8
30S/25E-03C	SWEX-1	2/28/2023	257.7	2/29/2024	124.1	133.6
30S/25E-03G	SWEX-2	2/28/2023	254	2/29/2024	113.3	140.7
30S/25E-03A	SWEX-3	2/28/2023	252.3	2/29/2024	111.9	140.4
30S/25E-02D	SREX-2	2/28/2023	254	2/29/2024	108.1	145.9
30S/25E-02E	SREX-1	2/28/2023	254	2/29/2024	103.3	150.7
30S/25E-02G	SREX-3	2/28/2023	251.9	2/28/2024	98.9	153.0
30S/25E-02A	SREX-4	2/28/2023	252.2	2/28/2024	91.3	160.9
30S/25E-02L	SREX-5	2/28/2023	251.7	2/28/2024	91.2	160.5
30S/25E-02J04	SREX-7	2/28/2023	248.4	2/28/2024	81.3	167.1

Groundwater Level Measurements (2023 vs. 2024) Comparison

	Sup-1	2/27/2023	271.6	2/28/2024	183.4	88.2
	Sup-2	2/27/2023	271.5	2/28/2024	175	96.5
	Sup-4	2/27/2023	275.4	2/28/2024	189.2	86.2
	Sup-5	2/27/2023	273.4	2/28/2024	184.9	88.5
	Sup-6	2/27/2023	274.1	2/28/2024	197.7	76.4
	M-1	2/27/2023	256	2/28/2024	111	145.0
	SE-2	10/04/2023	222	2/29/2024	89.1	132.9
	SROW-1 Shallow	2/28/2023	233.7	2/28/2024	46.8	186.9
	SROW-1 Middle	2/28/2023	241	2/28/2024	67.1	173.9
	SROW-1 Deep	2/28/2023	247.2	2/28/2024	90.8	156.4
	SROW-3 Shallow	2/28/2023	242.7	2/28/2024	61.8	180.9
	SROW-3 Middle	2/28/2023	245	2/28/2024	73.6	171.4
	SROW-3 Deep	2/28/2023	254.1	2/28/2024	102.6	151.5
	SROW-4 Shallow	2/28/2023	245.1	2/29/2024	79.9	165.2
	SROW-4 Middle	2/28/2023	247.9	2/29/2024	88.2	159.7
	SROW-4 Deep	2/28/2023	257.2	2/29/2024	119.4	137.8
				Maximum Increase	Strand Ranch Observation Well -1	186.9
				Minimum Increase	P. Enns Domestic	(8.5)
				Average RMW Wells		27.1
				Average of all RRB Wells		84.2

RRBMA Monitoring Areas - RMW Water Level MOs and MTs



Legend

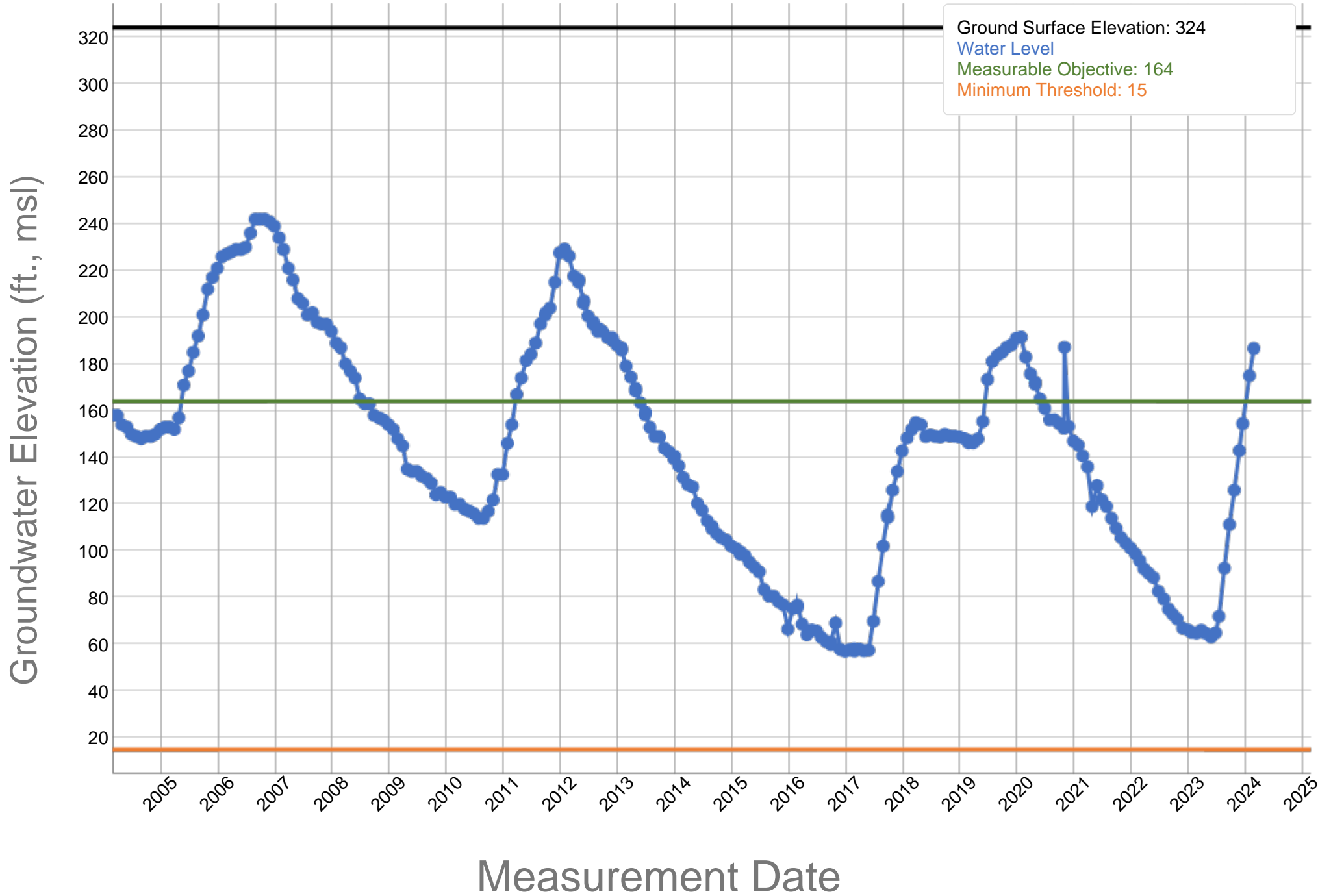
- ⊕ RRBMA RMW (Water Level)
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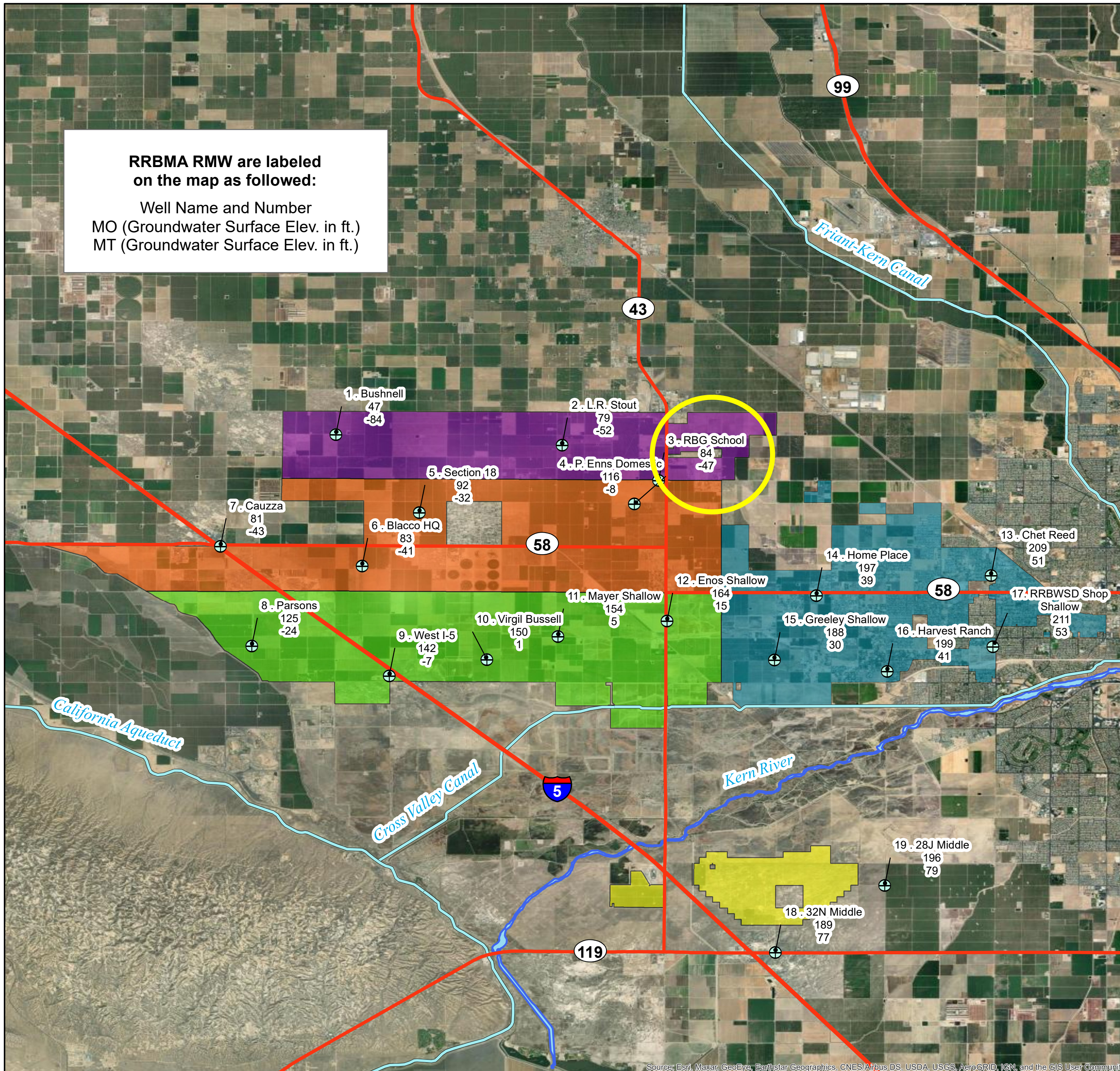


Source: Esri, Maxar, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community

Rosedale-Rio Bravo Water Storage District - 25M Enos - 353760N1192498W002



RRBMA Monitoring Areas - RMW Water Level MOs and MTs



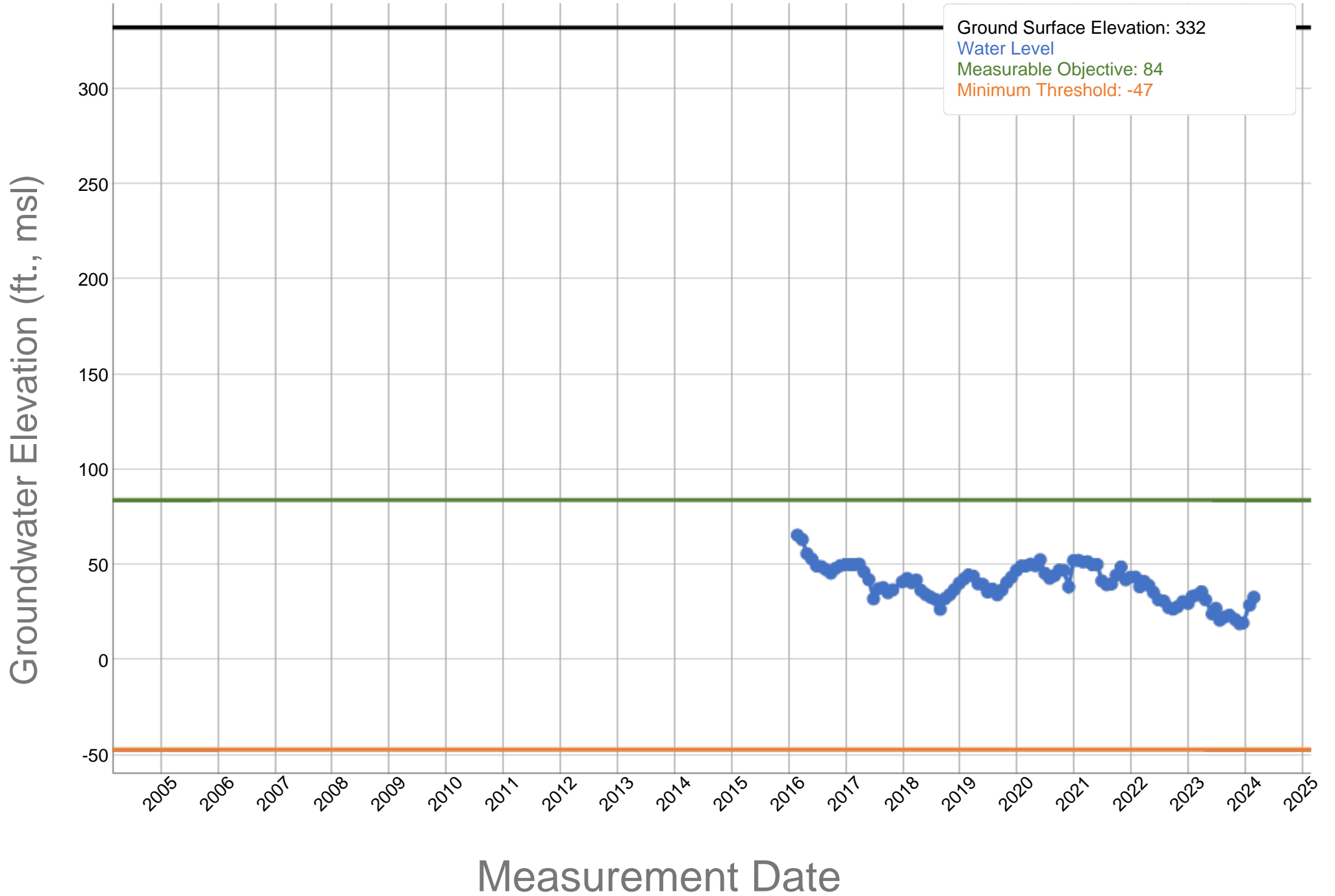
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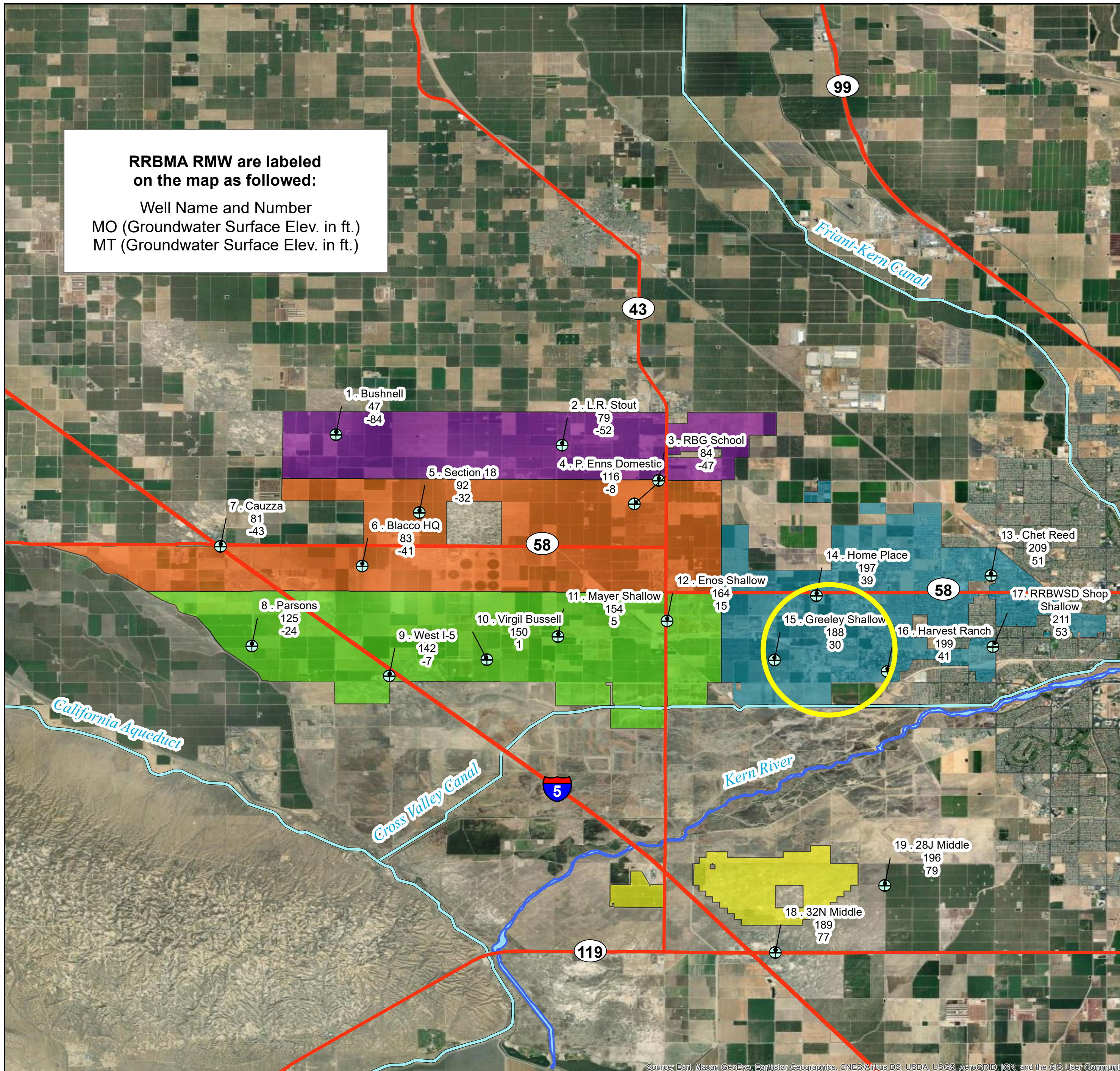
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Rosedale-Rio Bravo Water Storage District GSA - RBG School - 354197N1192544W001



RRBMA Monitoring Areas - RMW Water Level MOs and MTs



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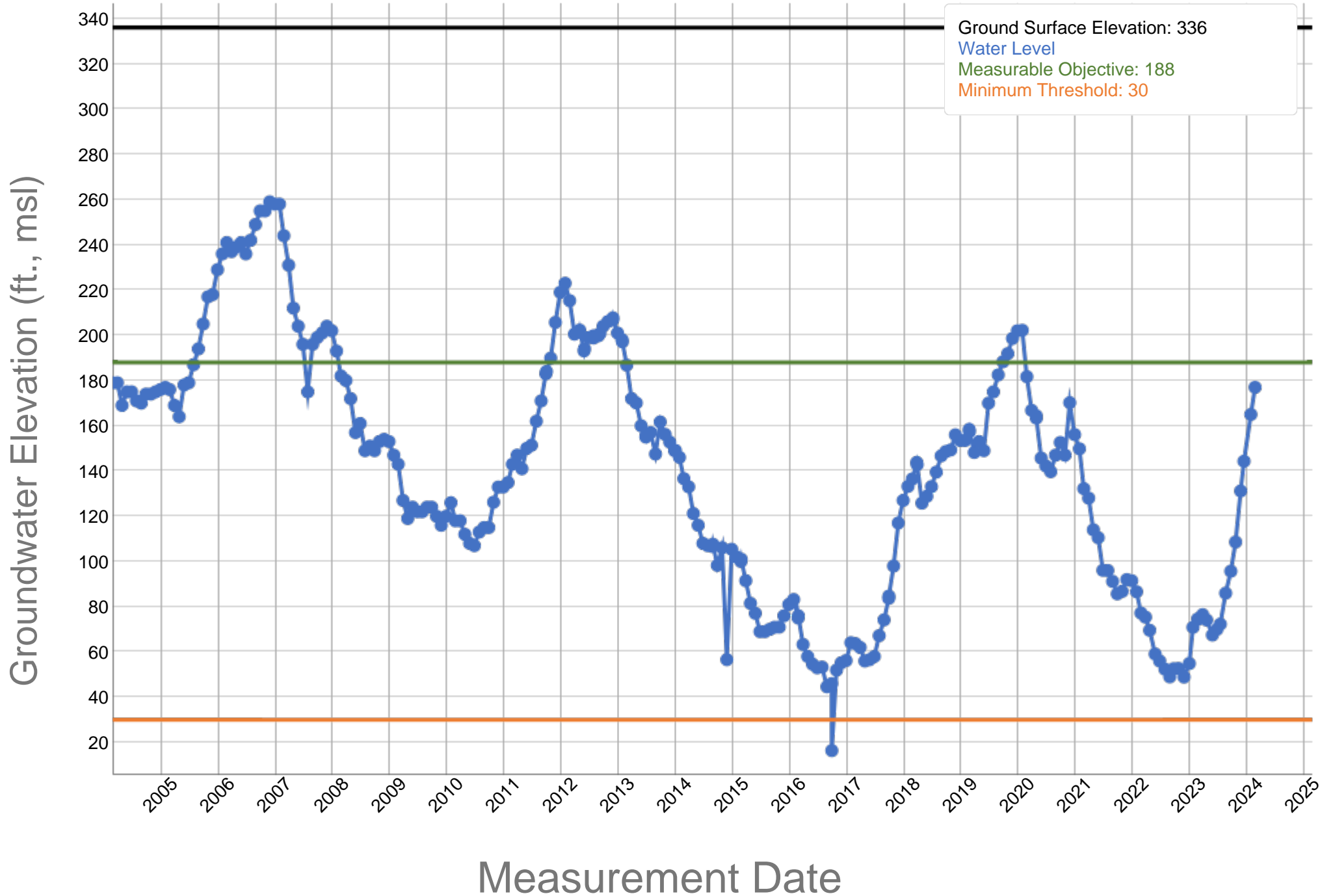
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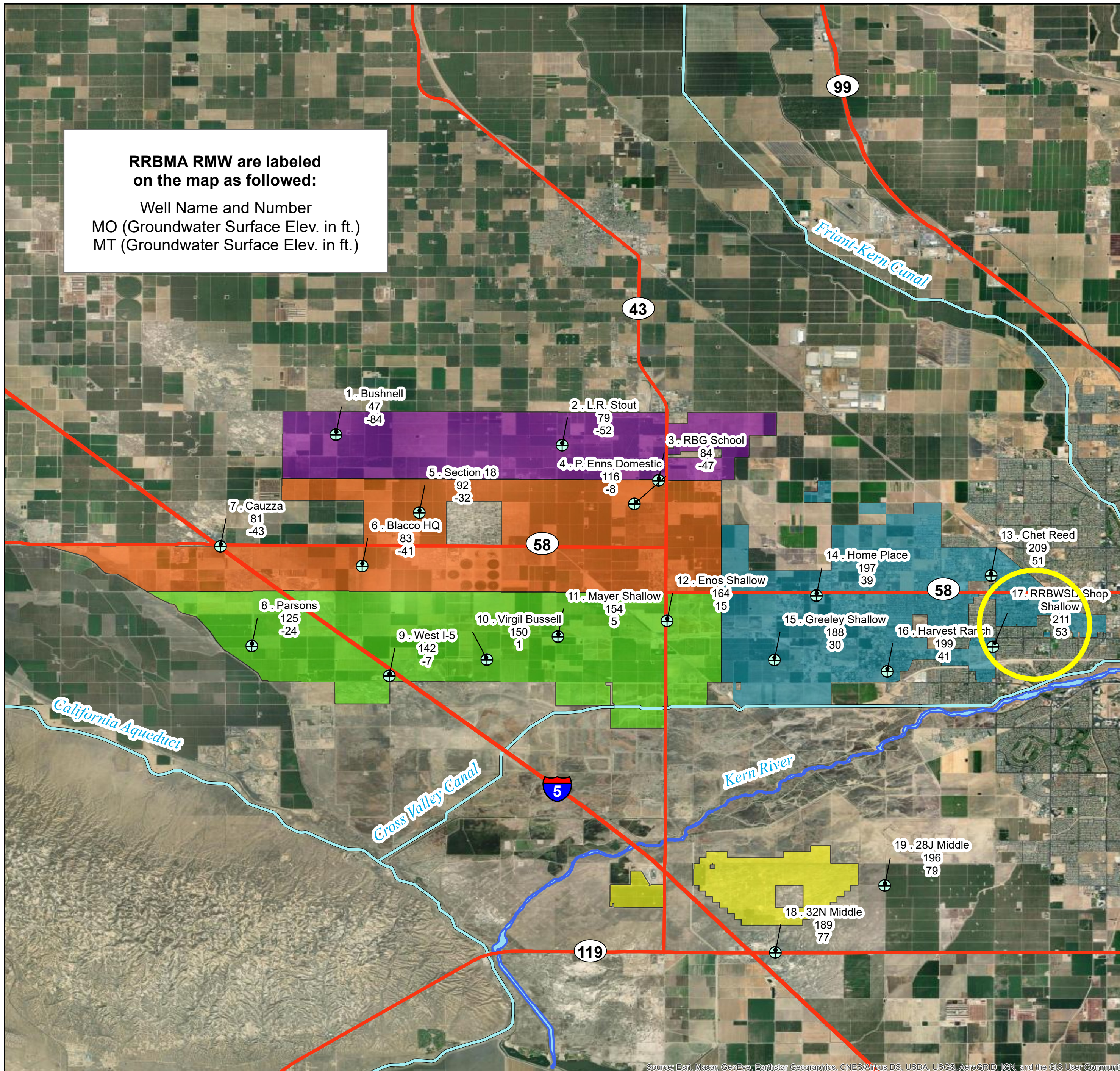


Source: Esri, Maxar, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community

Rosedale-Rio Bravo Water Storage District - 31H Greeley - 353618N1192169W001



RRBMA Monitoring Areas - RMW Water Level MOs and MTs



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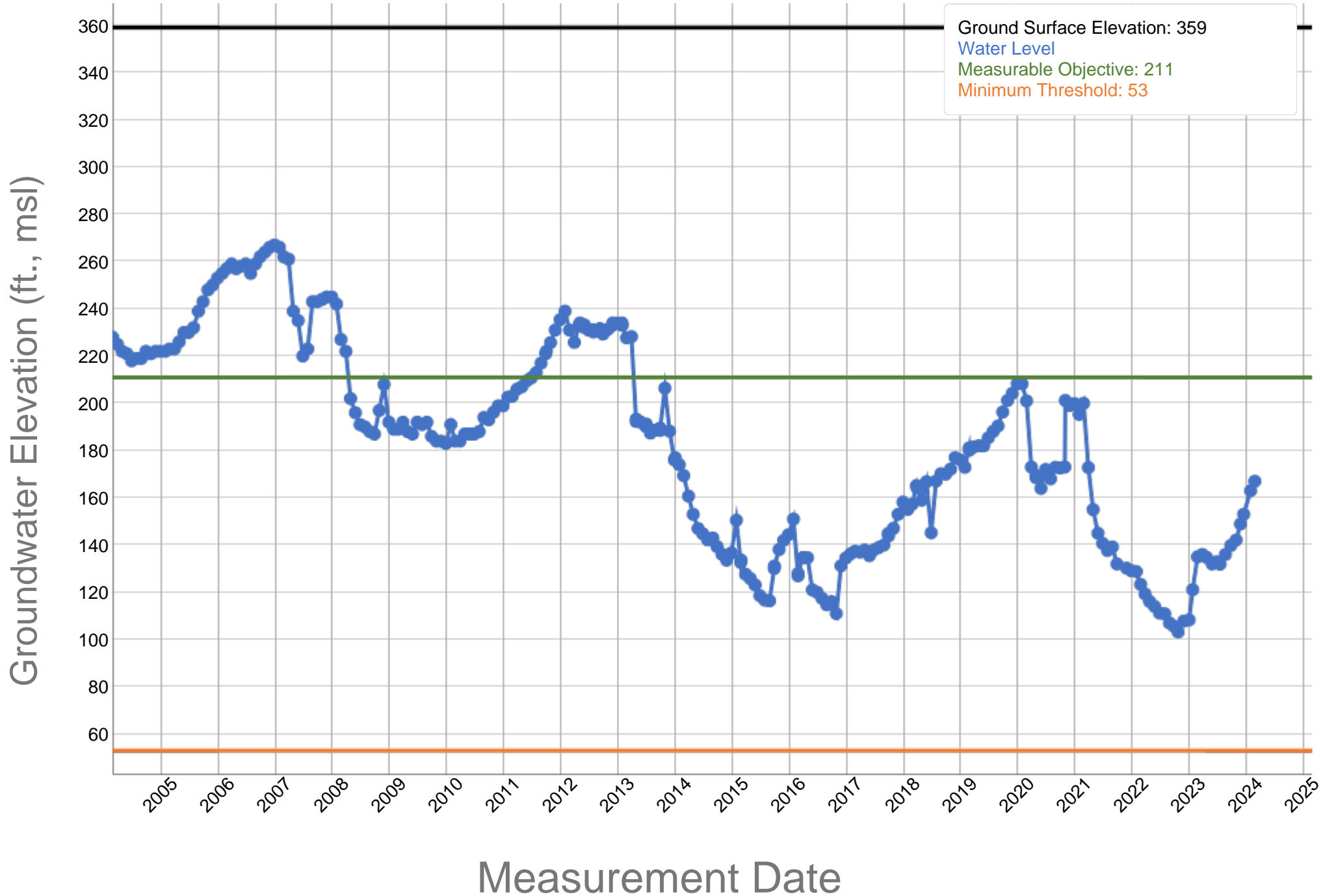
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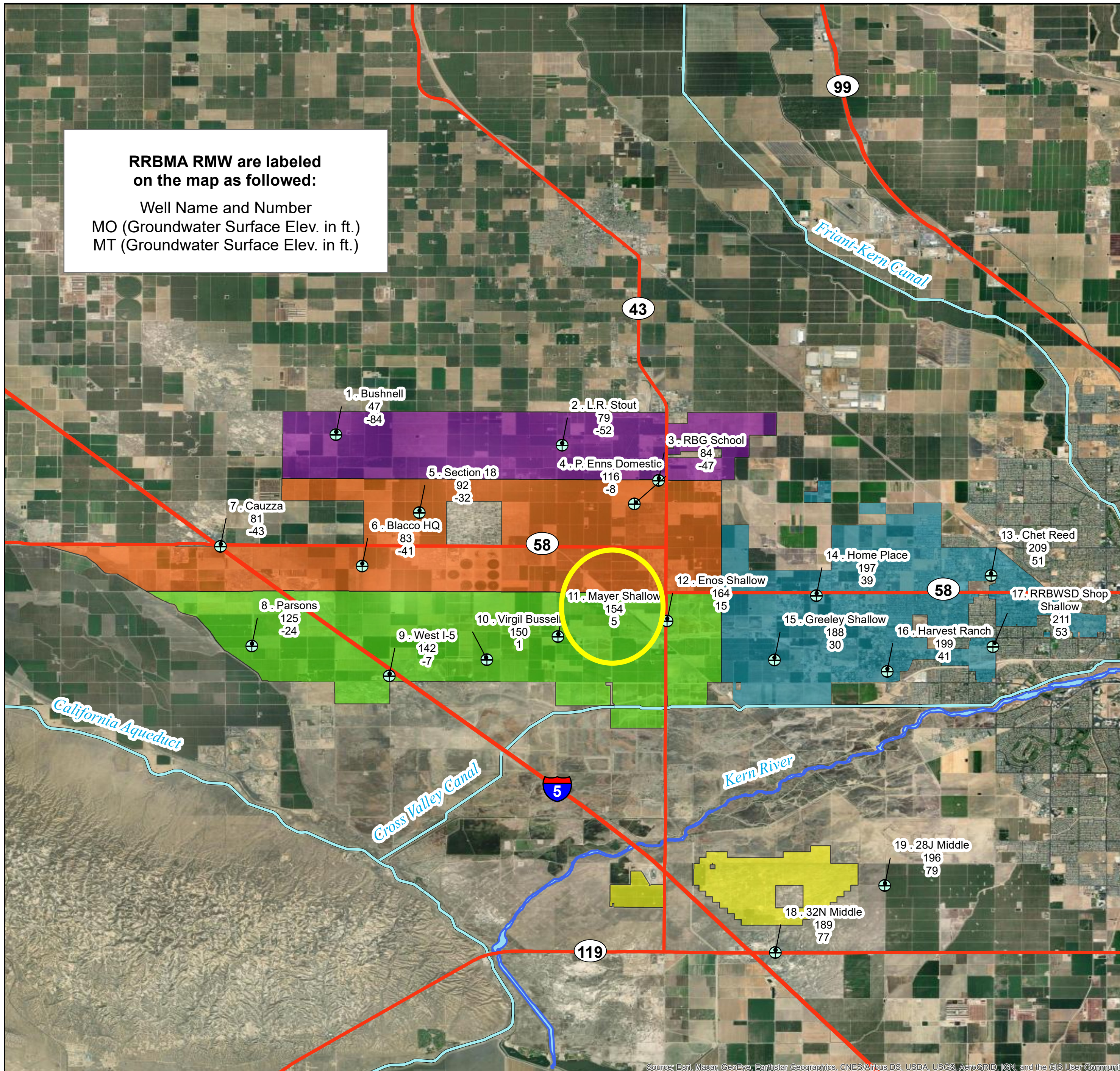


Source: Esri, Maxar, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community

Rosedale-Rio Bravo Water Storage District - 35H RRBWSD Shop - 353620N1191457W002



RRBMA Monitoring Areas - RMW Water Level MOs and MTs



Legend

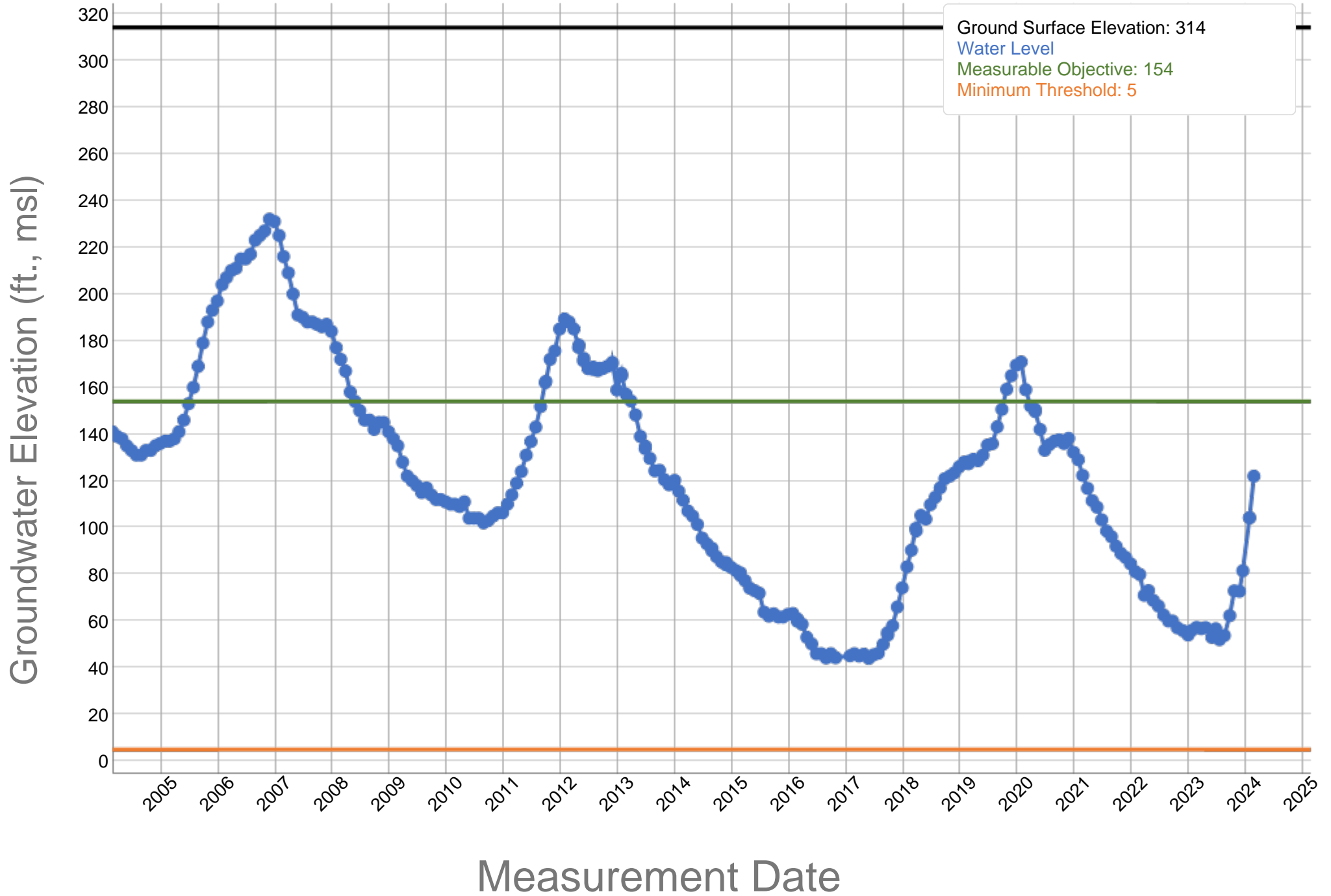
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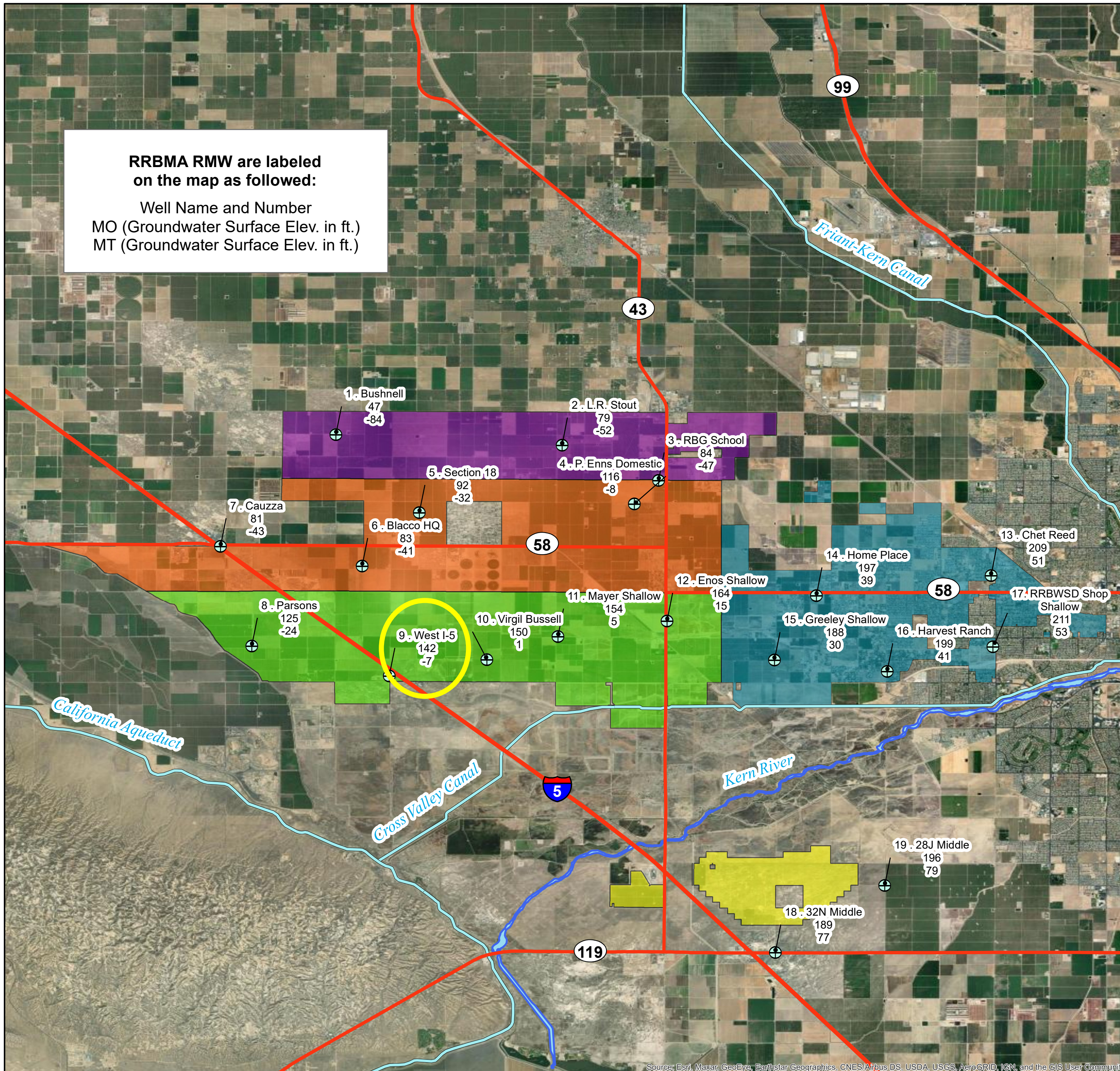


Source: Esri, Maxar, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community

Rosedale-Rio Bravo Water Storage District - 27N Mayer - 353699N1192856W002



RRBMA Monitoring Areas - RMW Water Level MOs and MTs



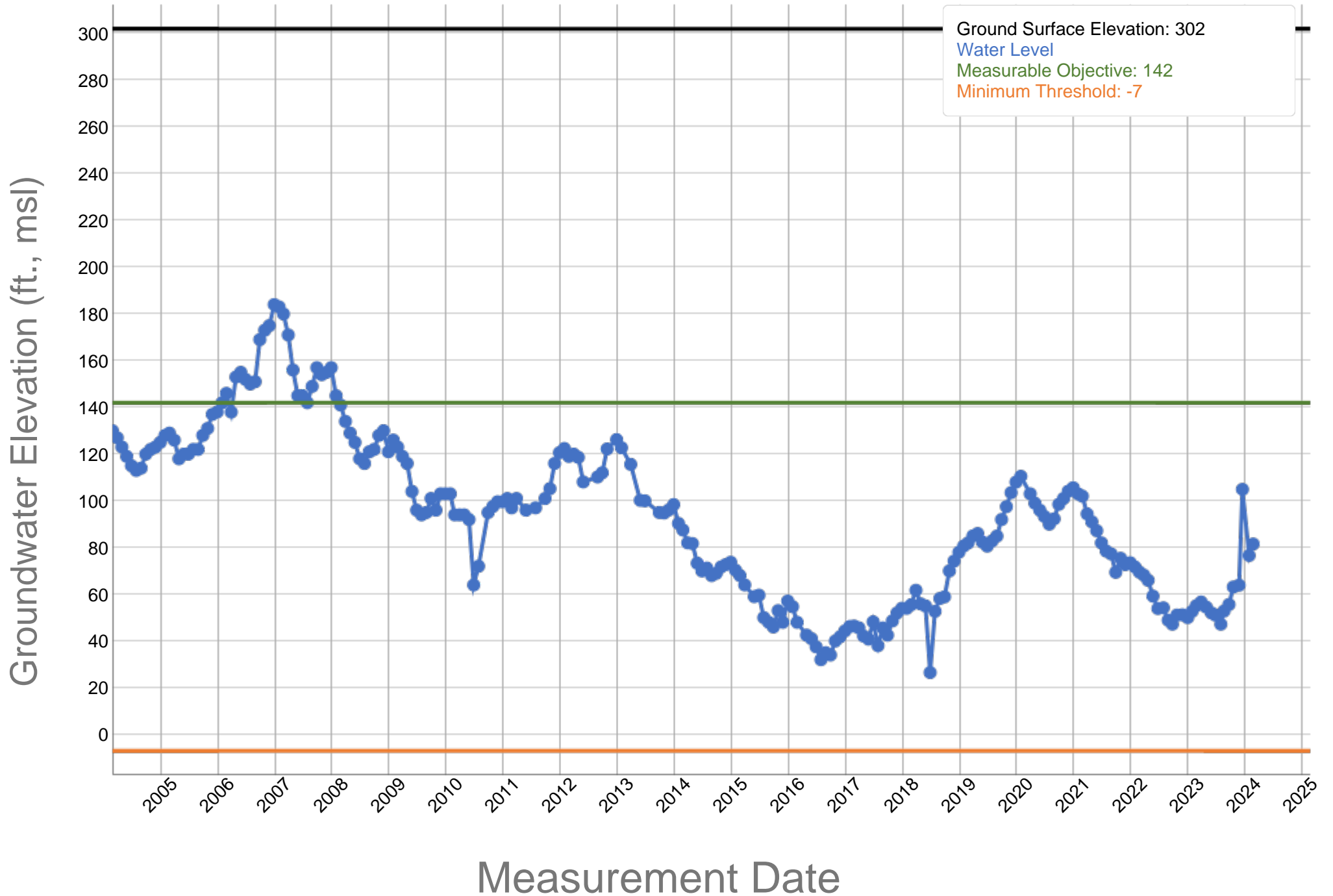
Legend

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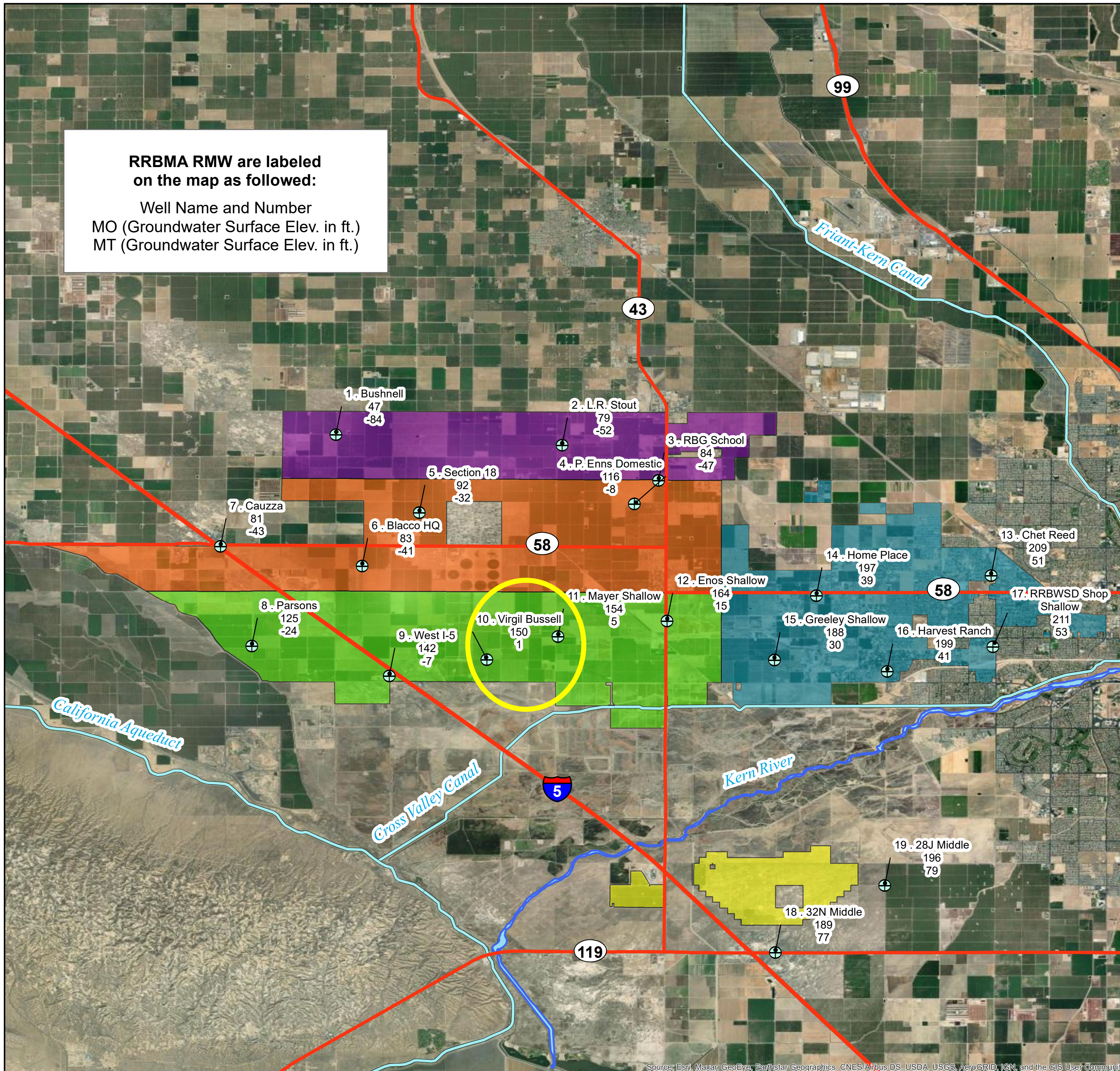
*RMW = Representative Monitoring Well
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Rosedale-Rio Bravo Water Storage District - West I-5 - 353564N1193412W001



RRBMA Monitoring Areas - RMW Water Level MOs and MTs



Legend

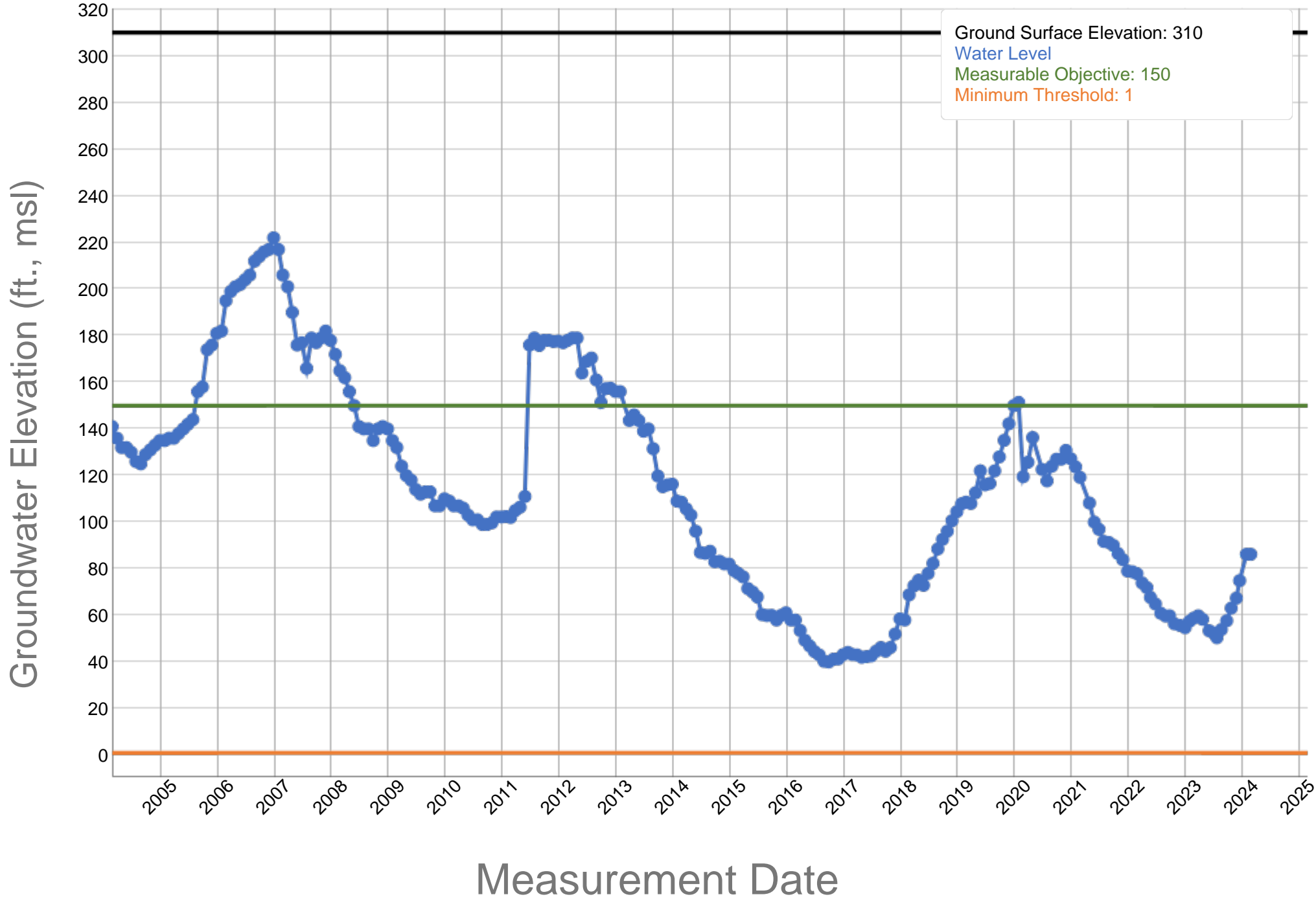
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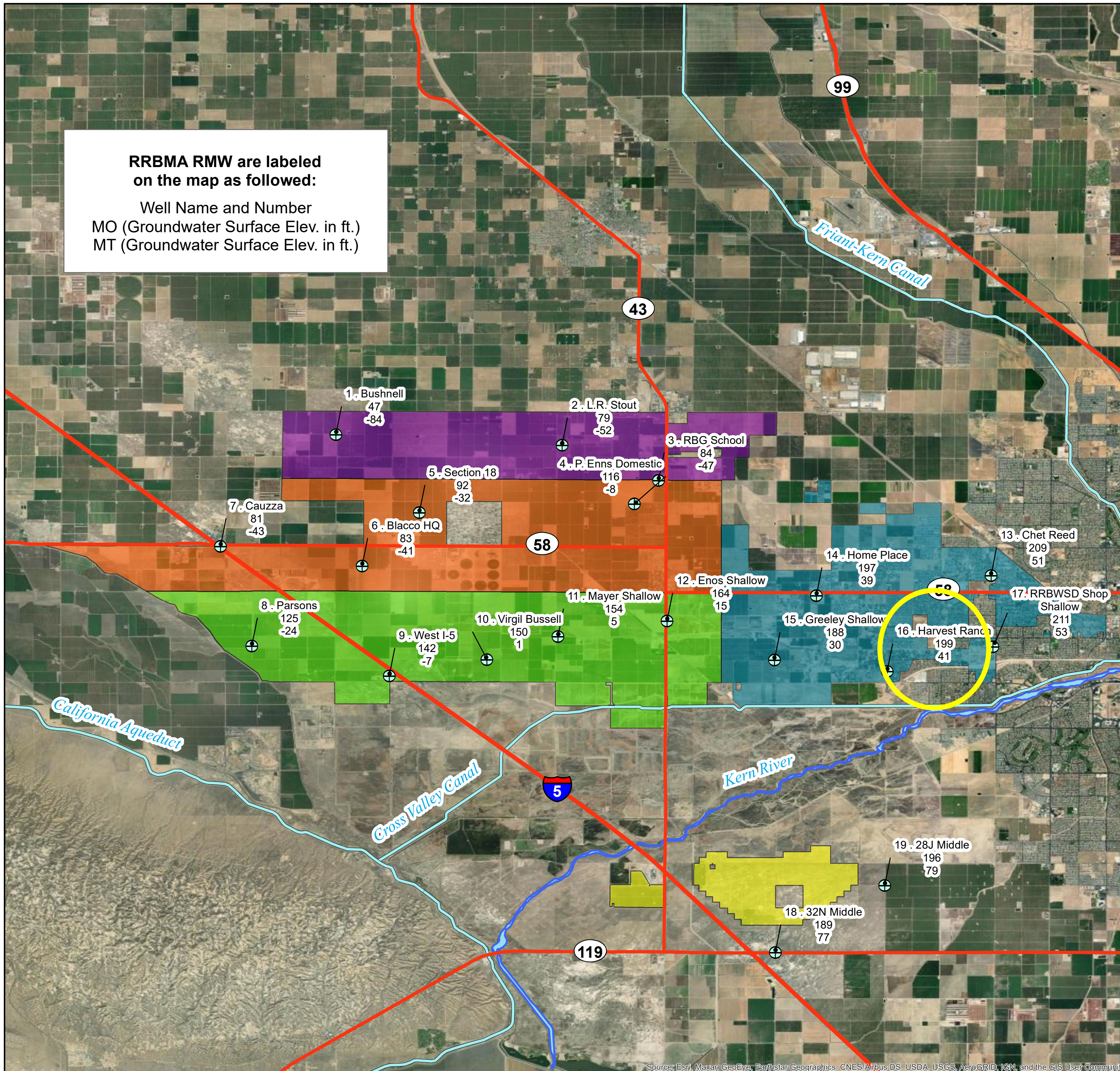


Source: Esri, Maxar, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community

Rosedale-Rio Bravo Water Storage District - Virgil Bussell - 353619N1193099W001



RRBMA Monitoring Areas - RMW Water Level MOs and MTs



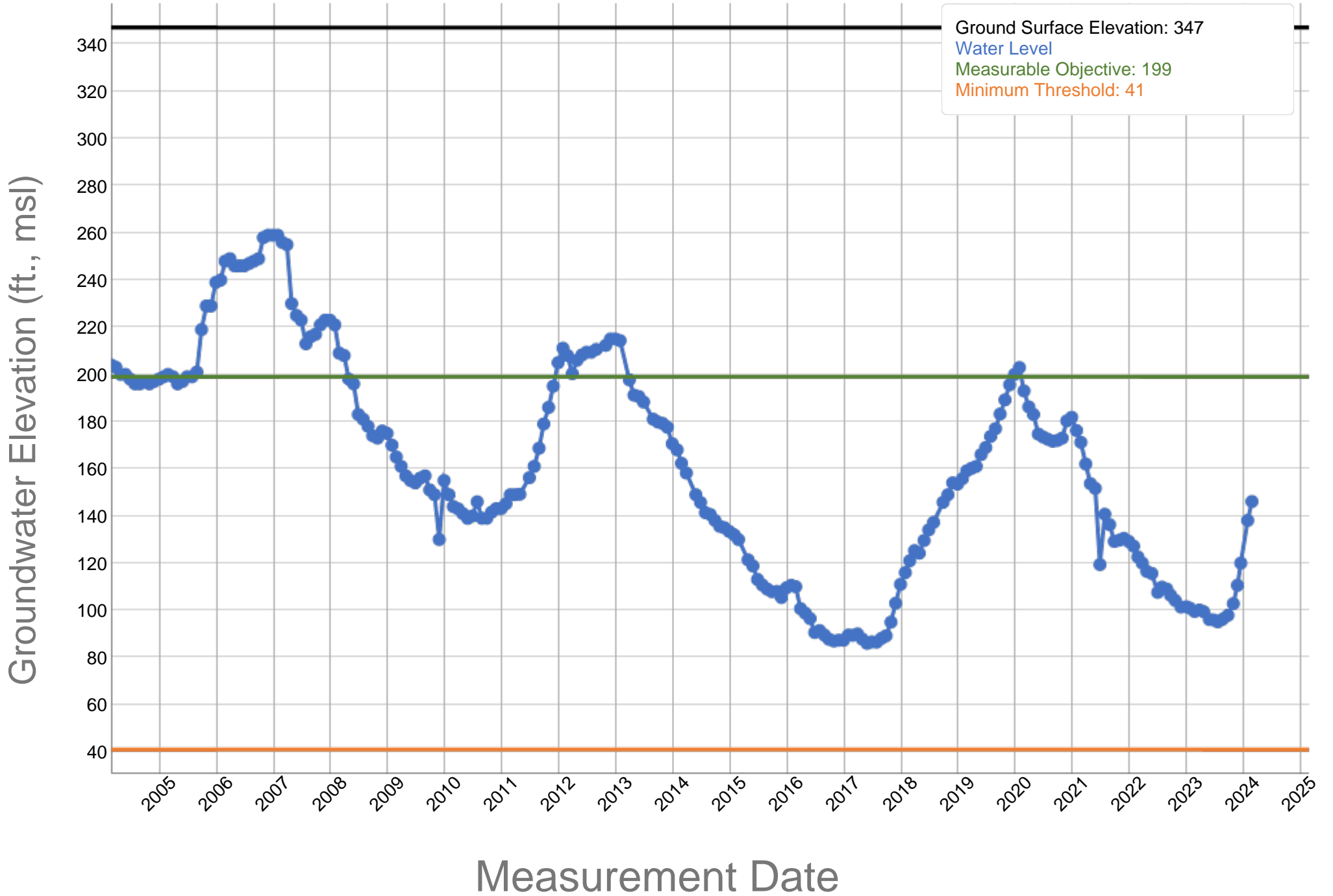
Legend

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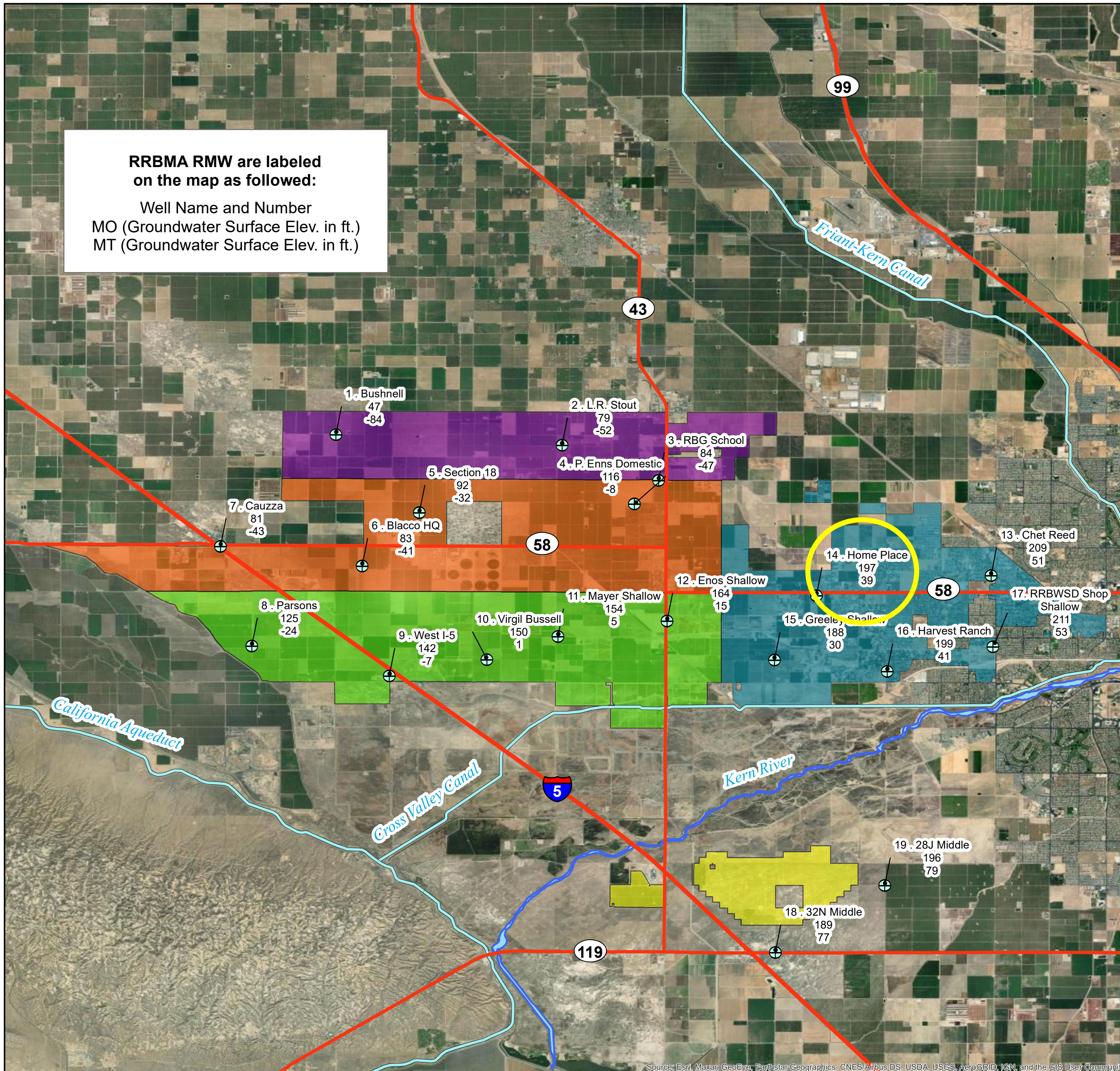
*RMW = Representative Monitoring Well
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Rosedale-Rio Bravo Water Storage District - Harvest Ranch - 353634N1191766W001



RRBMA Monitoring Areas - RMW Water Level MOs and MTs



Legend

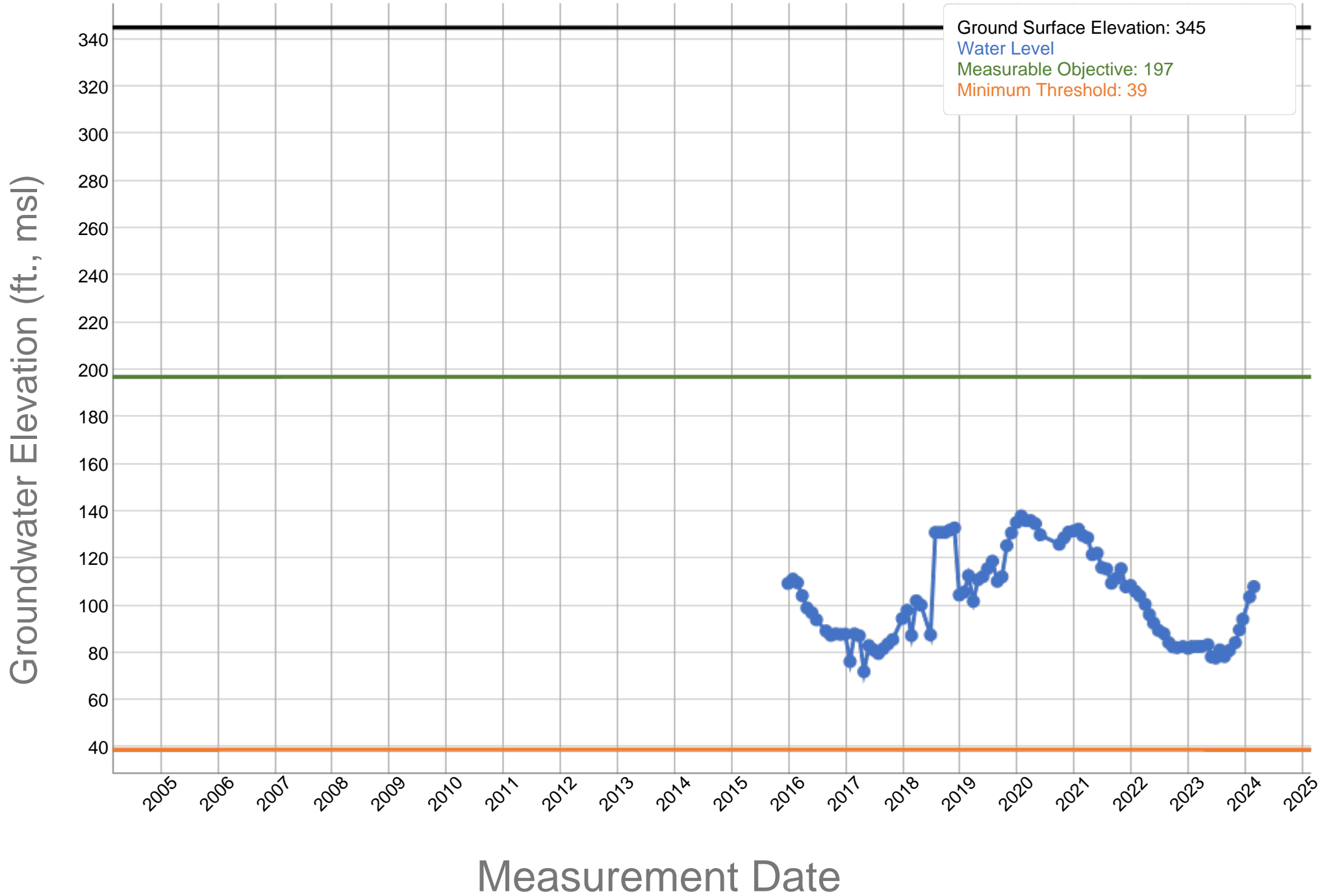
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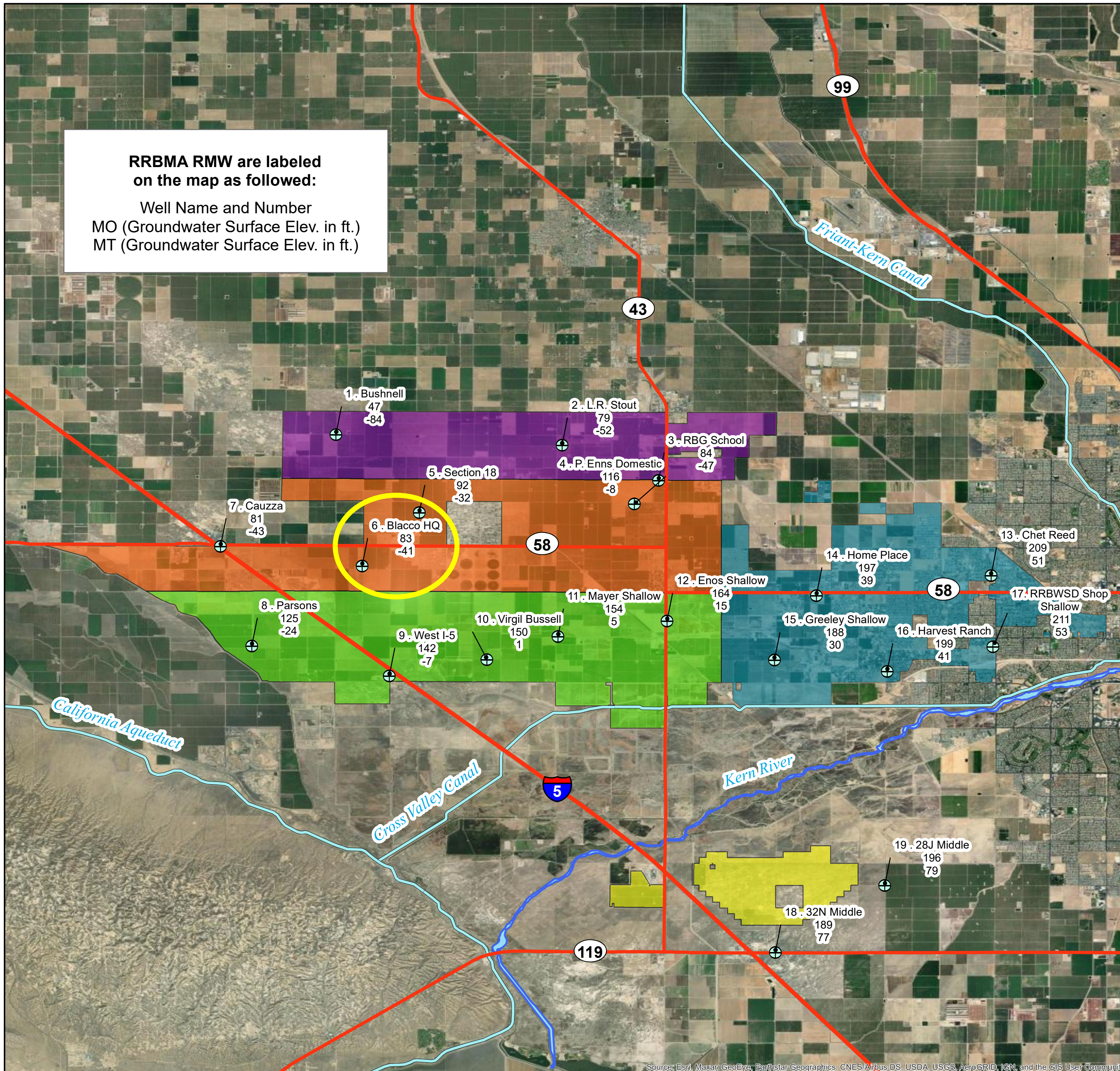


Source: Esri, Maxar, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community

Rosedale-Rio Bravo Water Storage District - Home Place - 353824N1192035W001



RRBMA Monitoring Areas - RMW Water Level MOs and MTs



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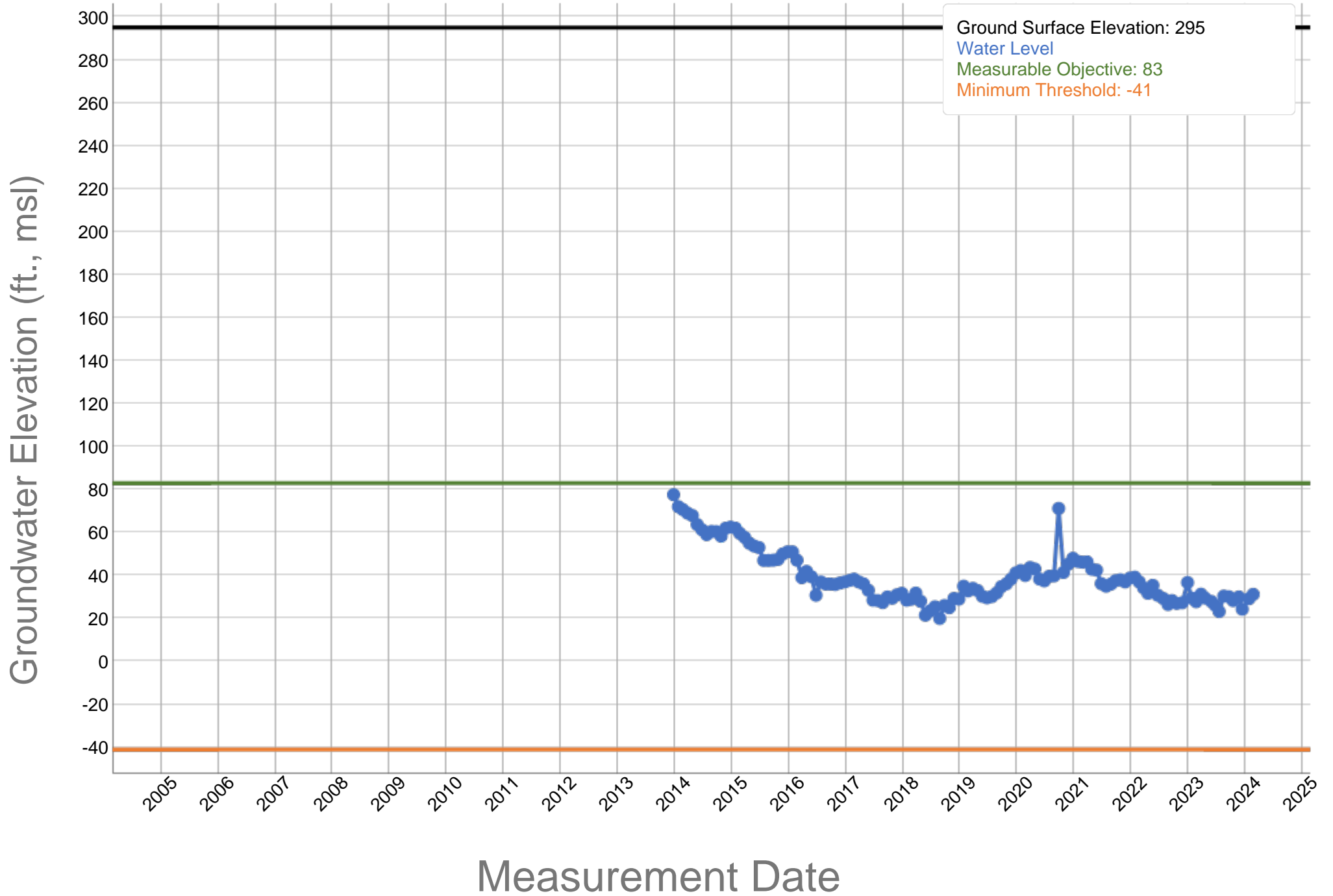
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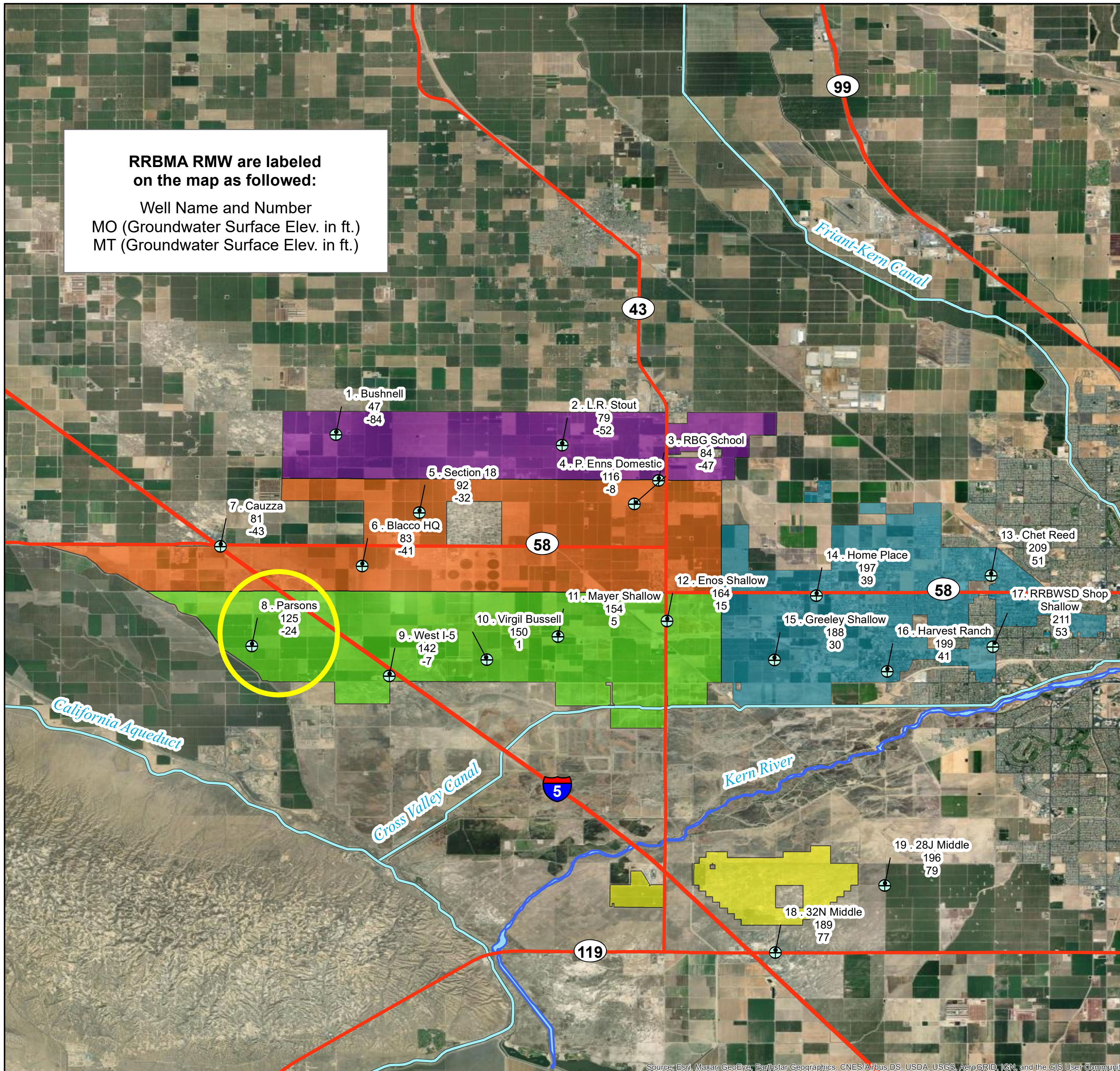


Source: Esri, Maxar, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community

Rosedale-Rio Bravo Water Storage District - Blacco HQ - 353915N1193454W001



RRBMA Monitoring Areas - RMW Water Level MOs and MTs



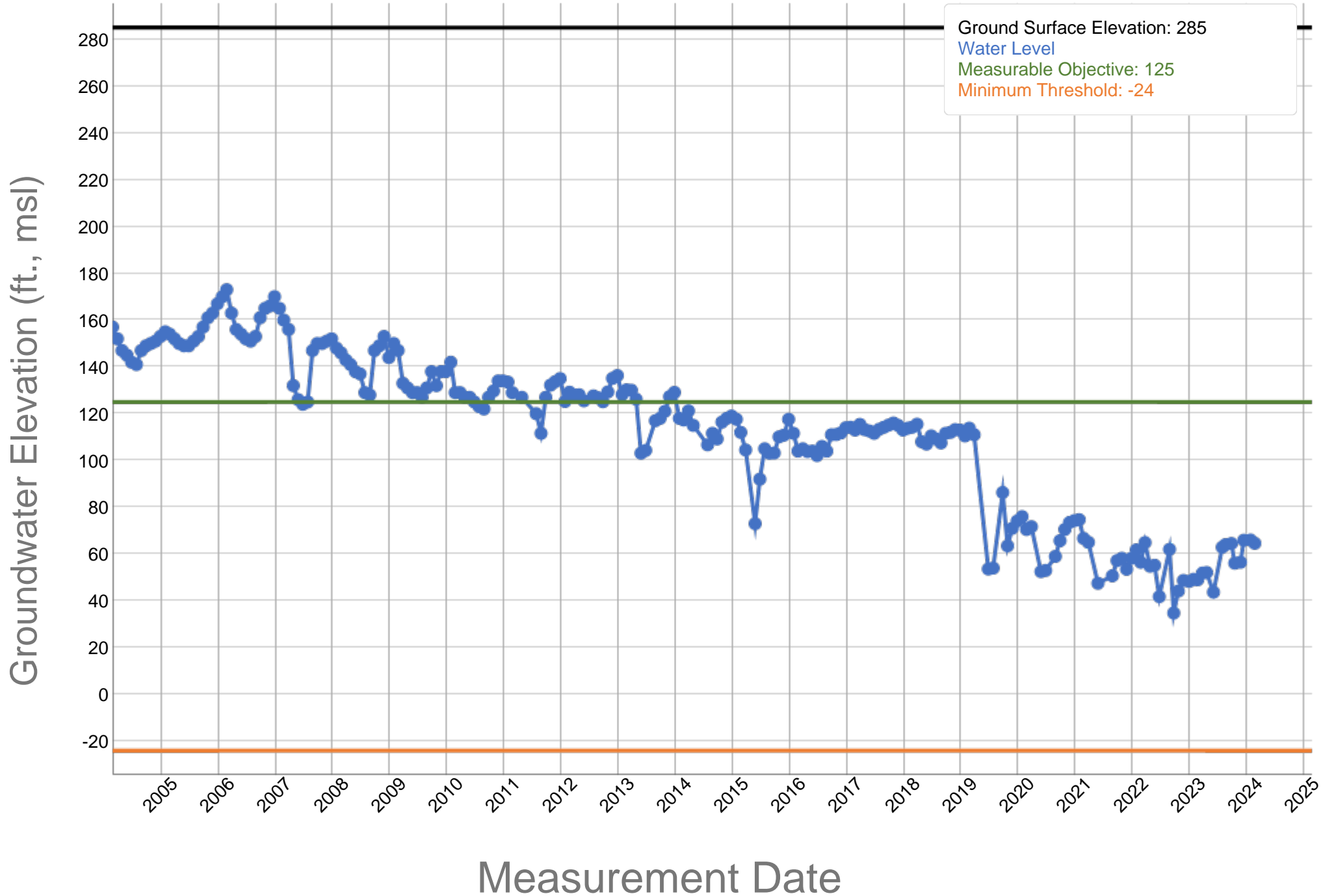
Legend

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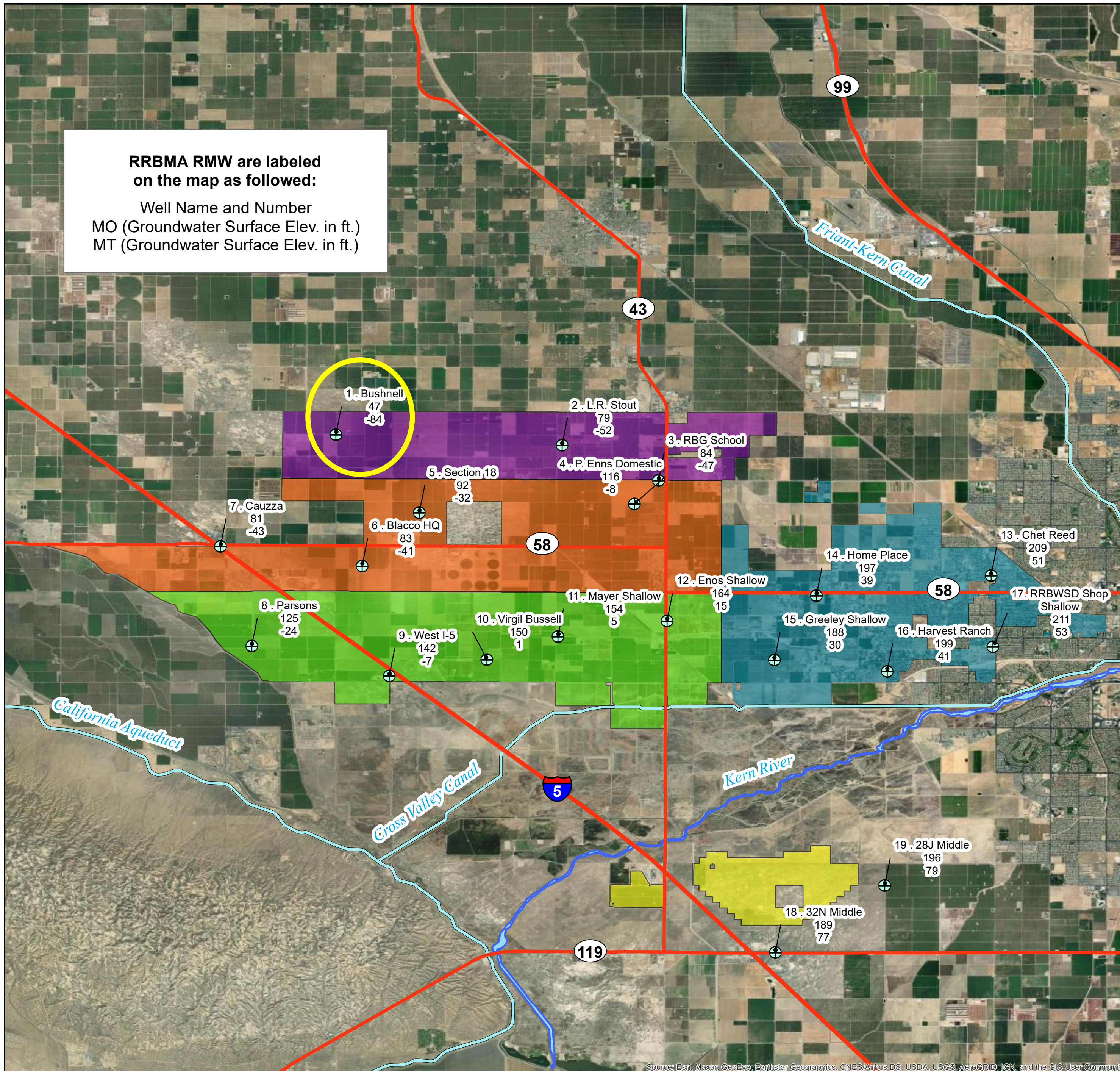
*RMW = Representative Monitoring Well
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Rosedale-Rio Bravo Water Storage District - Parsons - 353663N1193859W001



RRBMA Monitoring Areas - RMW Water Level MOs and MTs



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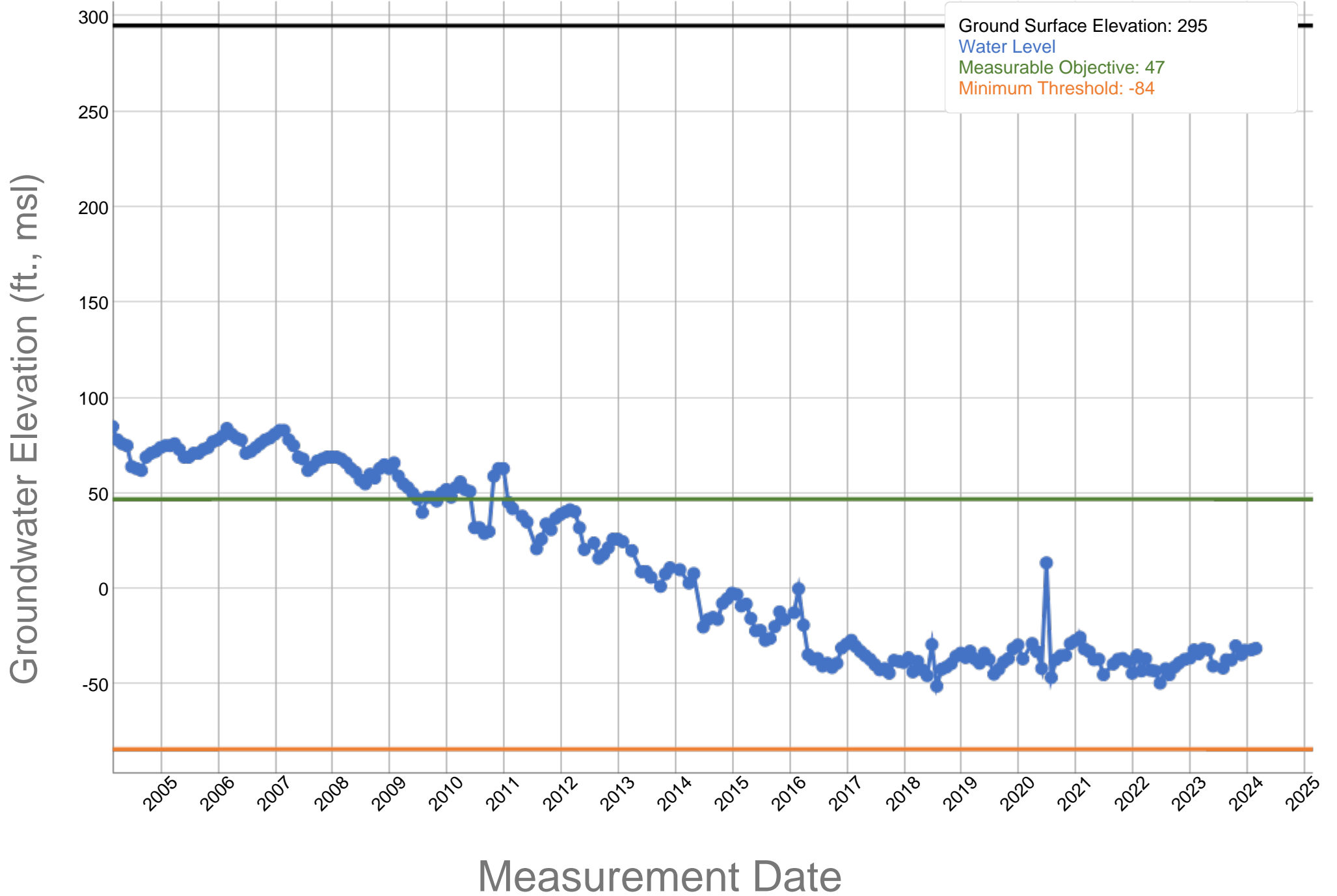
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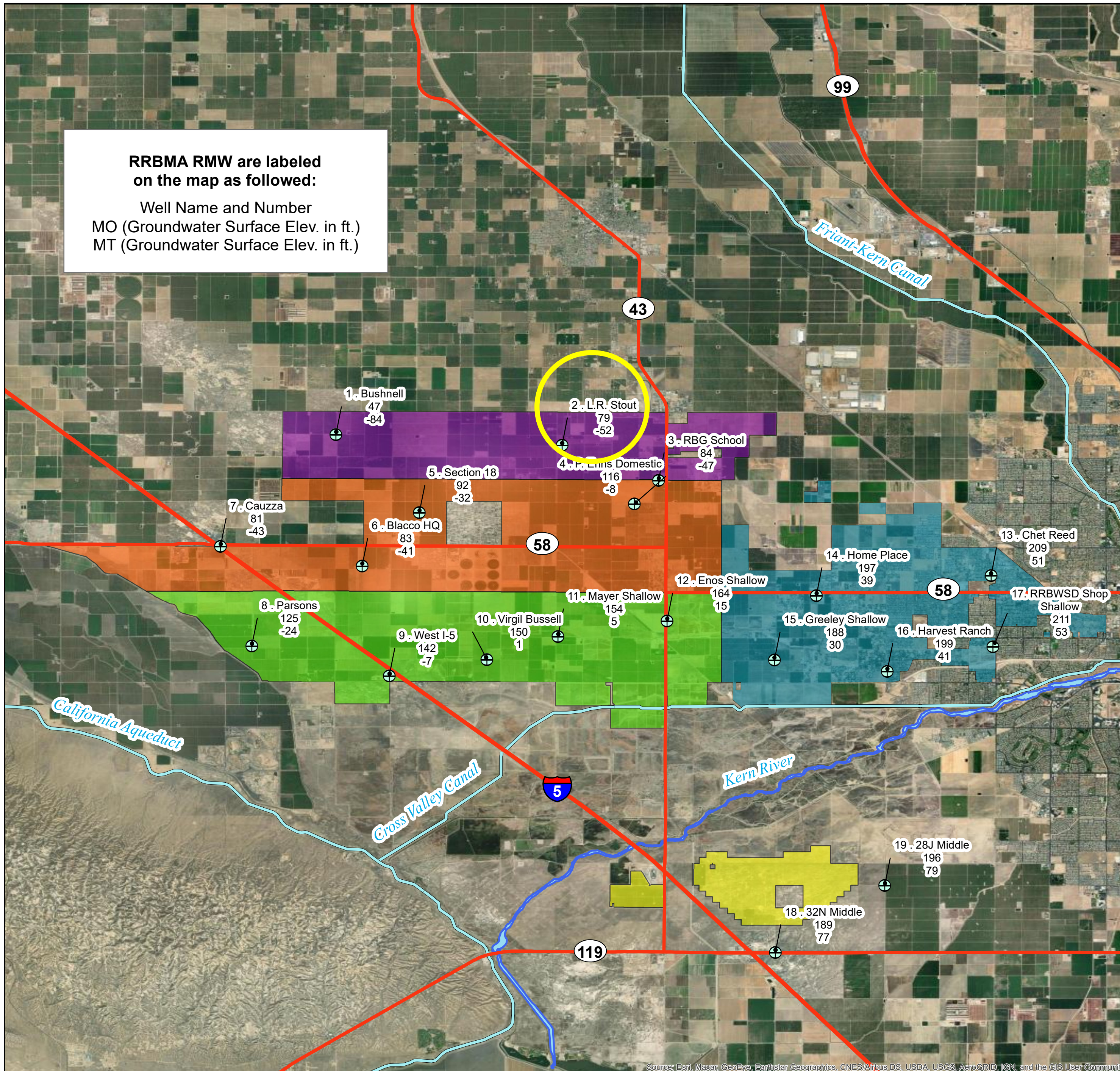


Source: Esri, Maxar, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community

Rosedale-Rio Bravo Water Storage District - Bushnell - 354350N1193586W001



RRBMA Monitoring Areas - RMW Water Level MOs and MTs



Legend

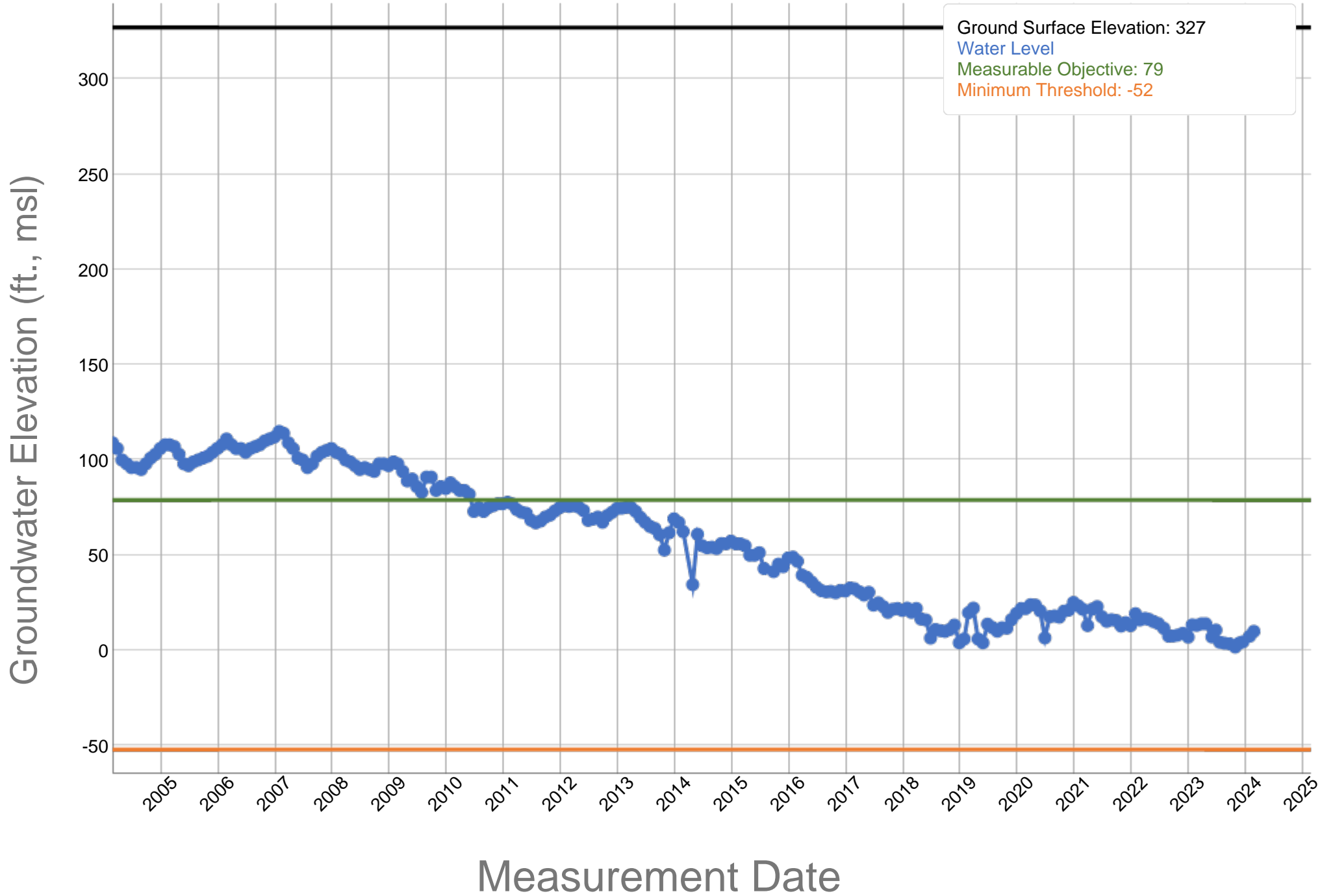
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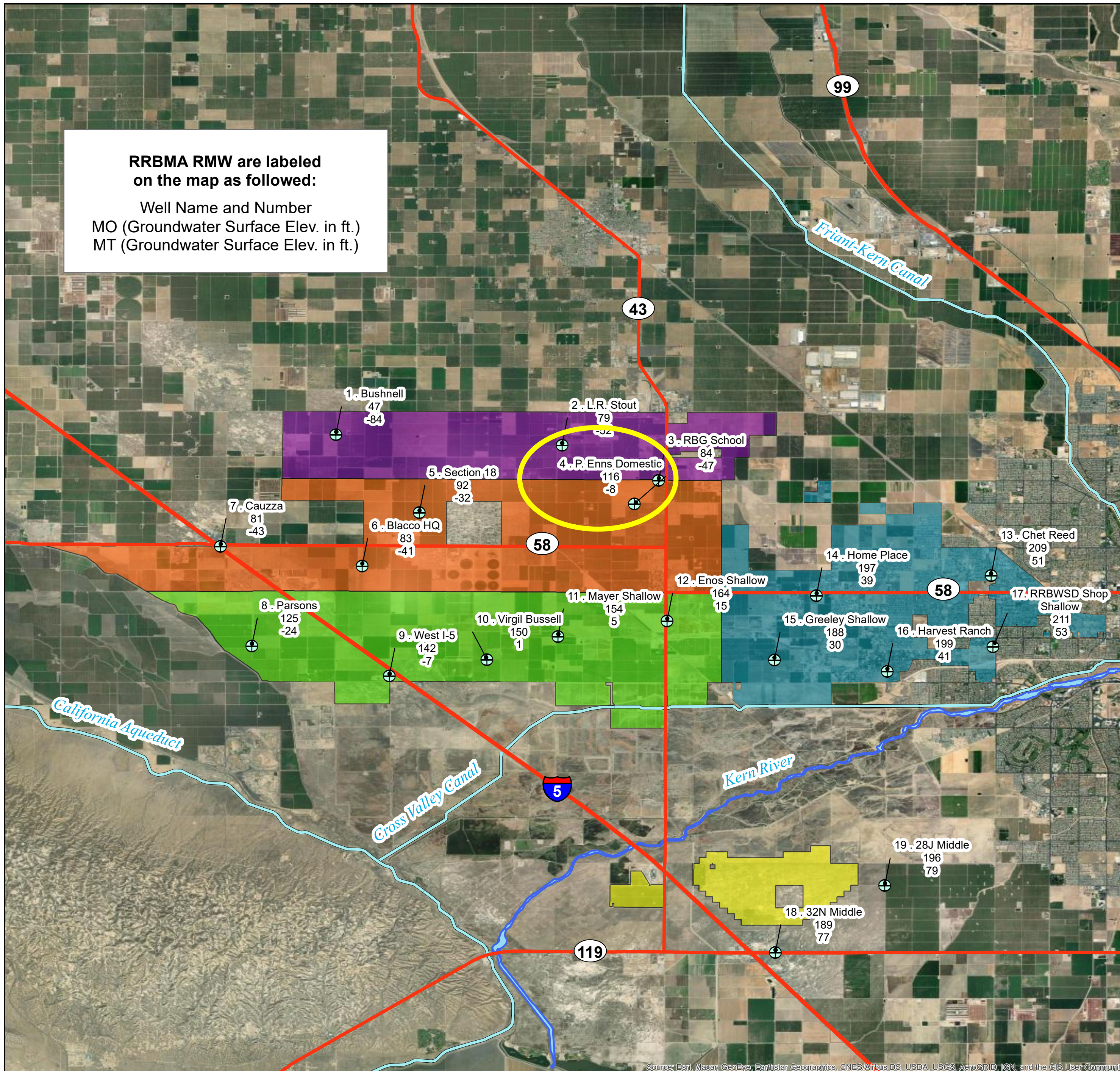


Source: Esri, Maxar, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community

Rosedale-Rio Bravo Water Storage District - L.R. Stout - 354309N1192859W001



RRBMA Monitoring Areas - RMW Water Level MOs and MTs



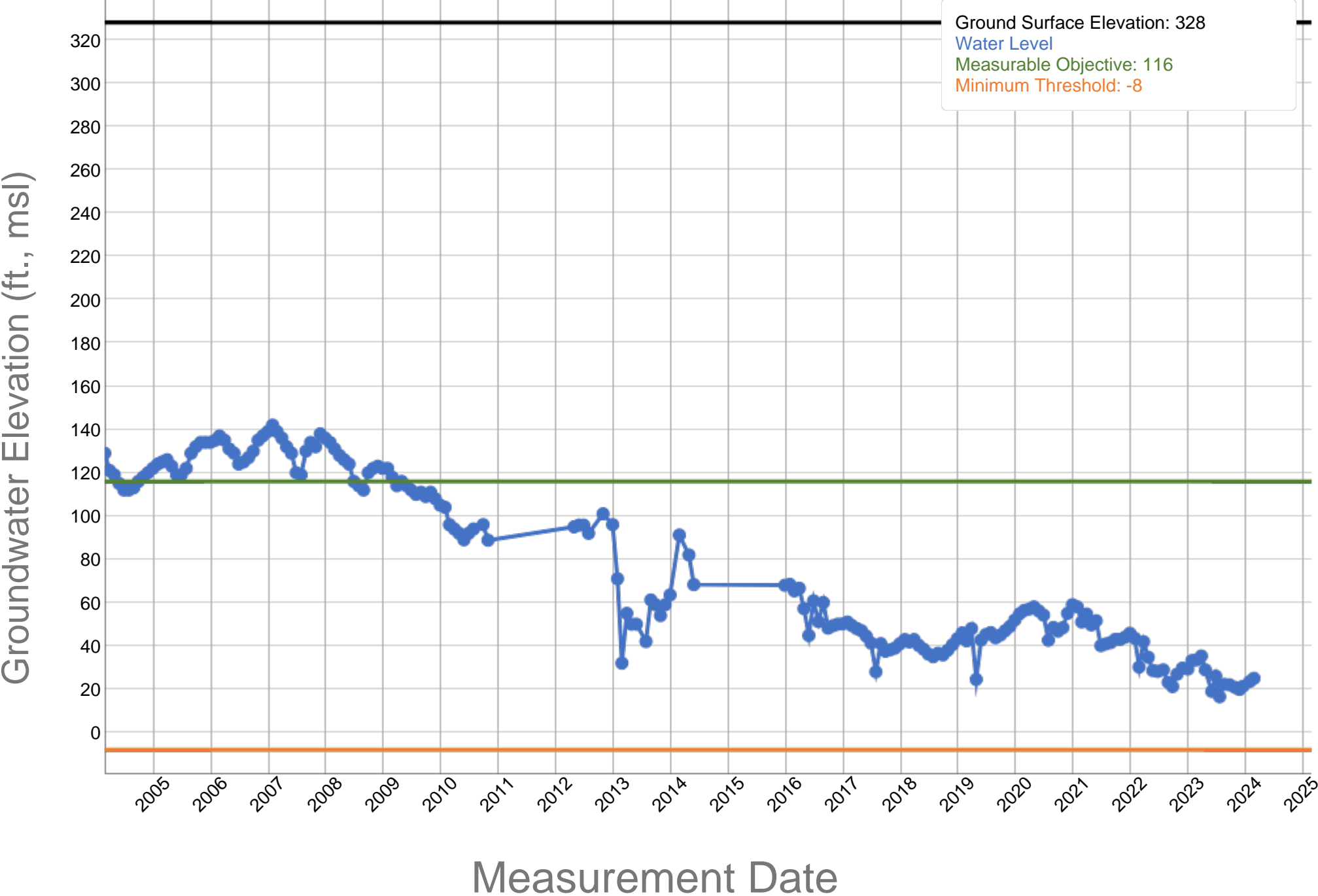
Legend

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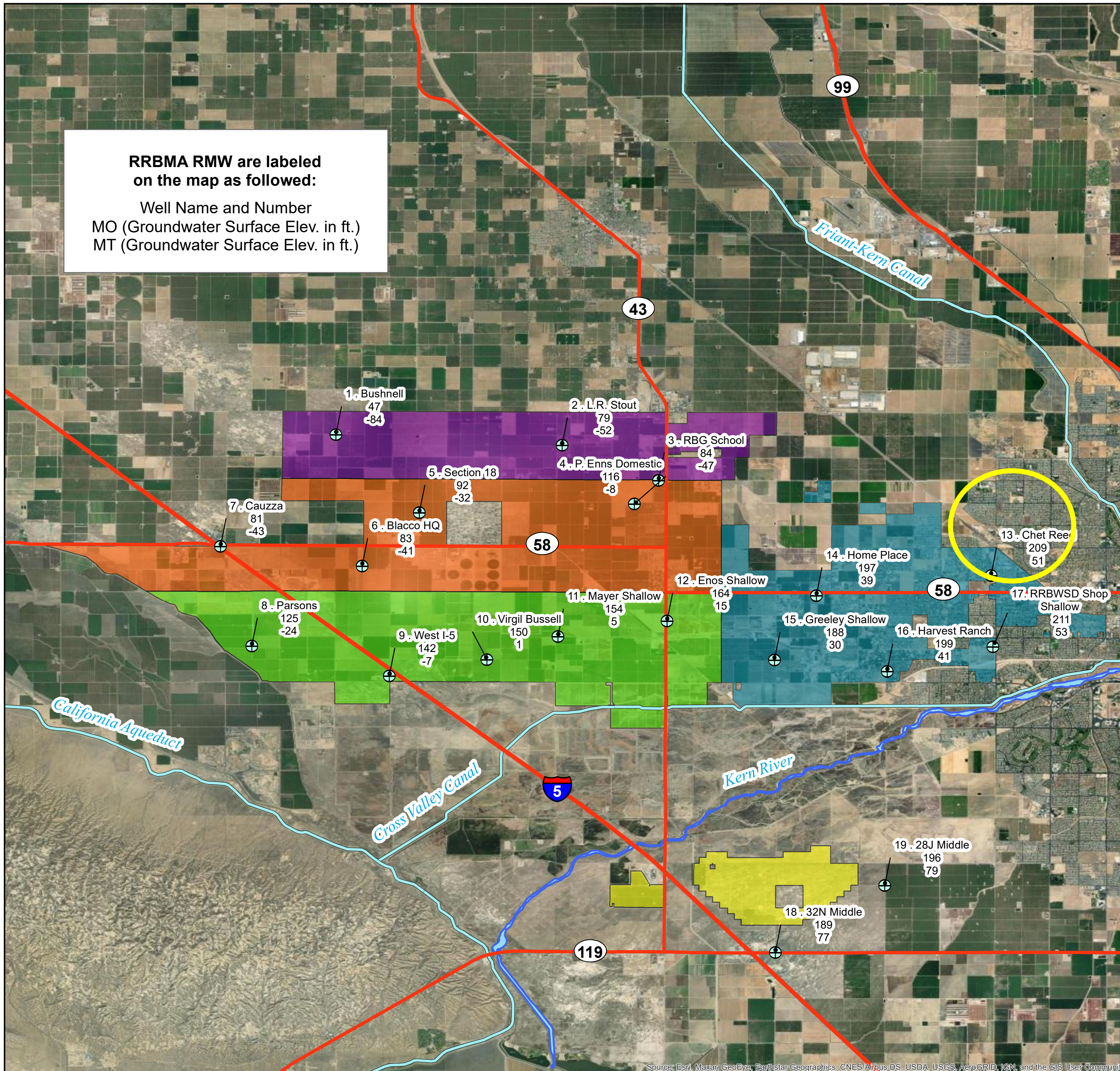
*RMW = Representative Monitoring Well
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Rosedale-Rio Bravo Water Storage District - P. Enns Domestic - 354121N1192623W001



RRBMA Monitoring Areas - RMW Water Level MOs and MTs



Legend

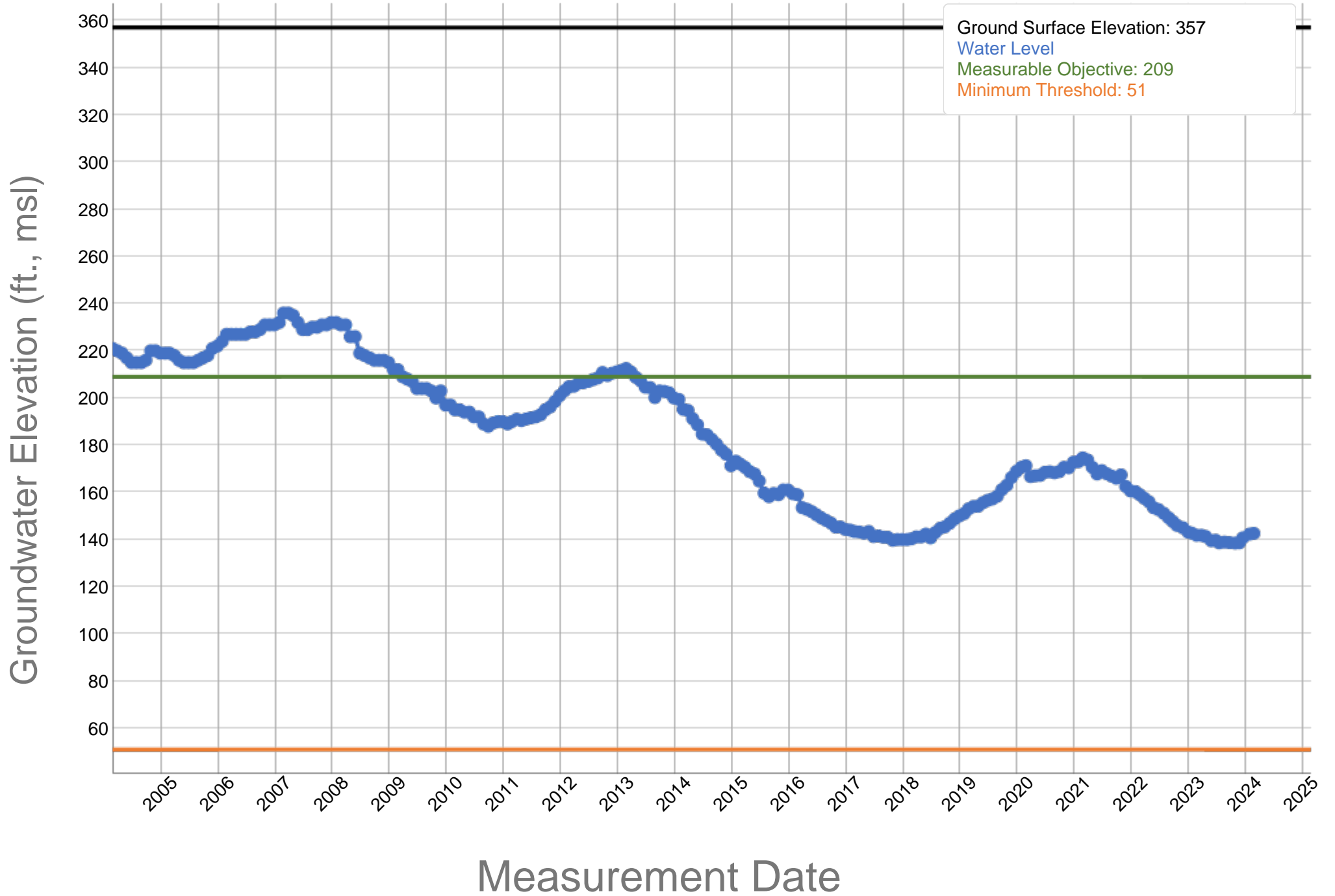
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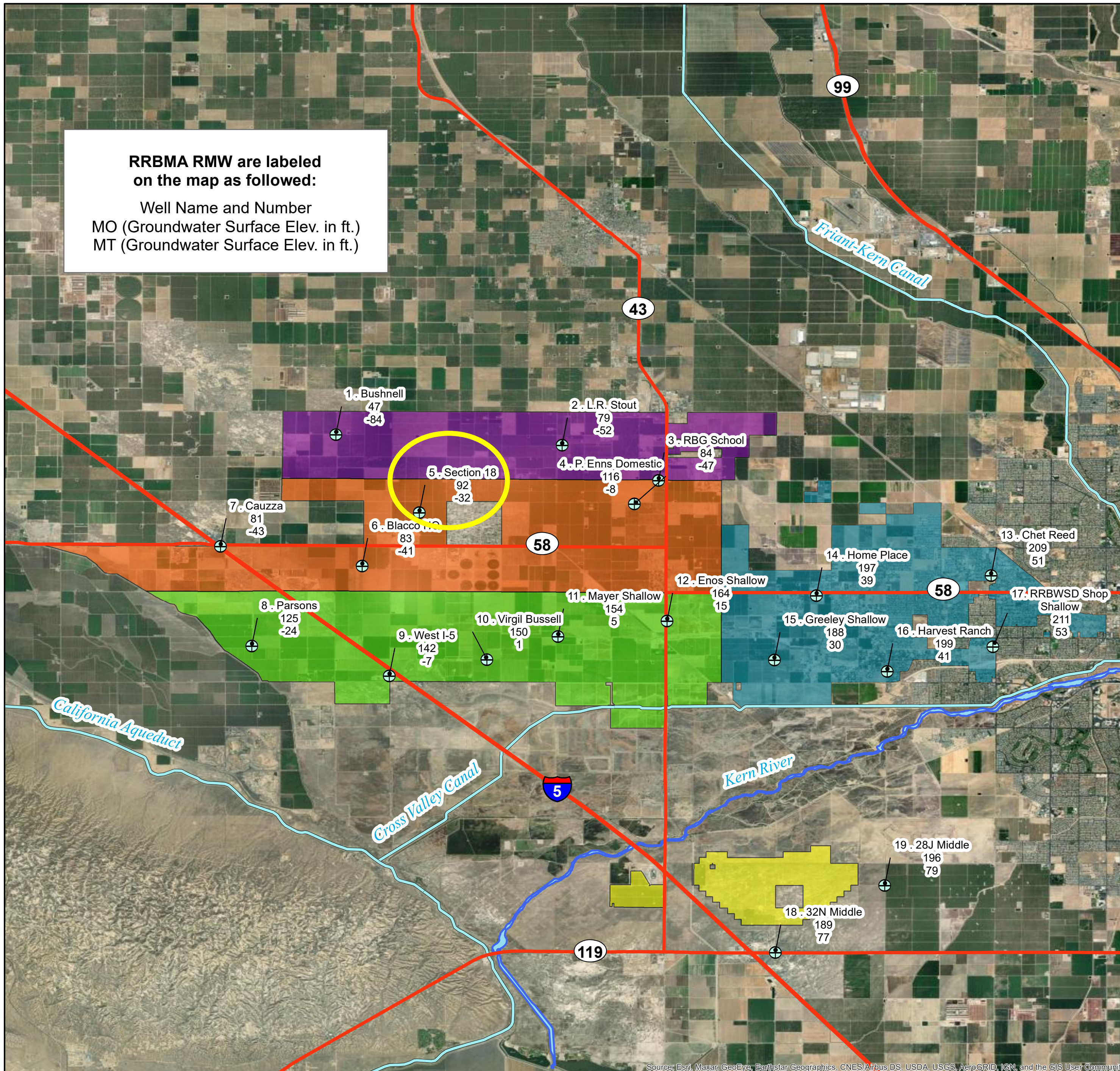


Source: Esri, Maxar, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community

Rosedale-Rio Bravo Water Storage District - Chet Reed - 353890N1191471W001



RRBMA Monitoring Areas - RMW Water Level MOs and MTs



Legend

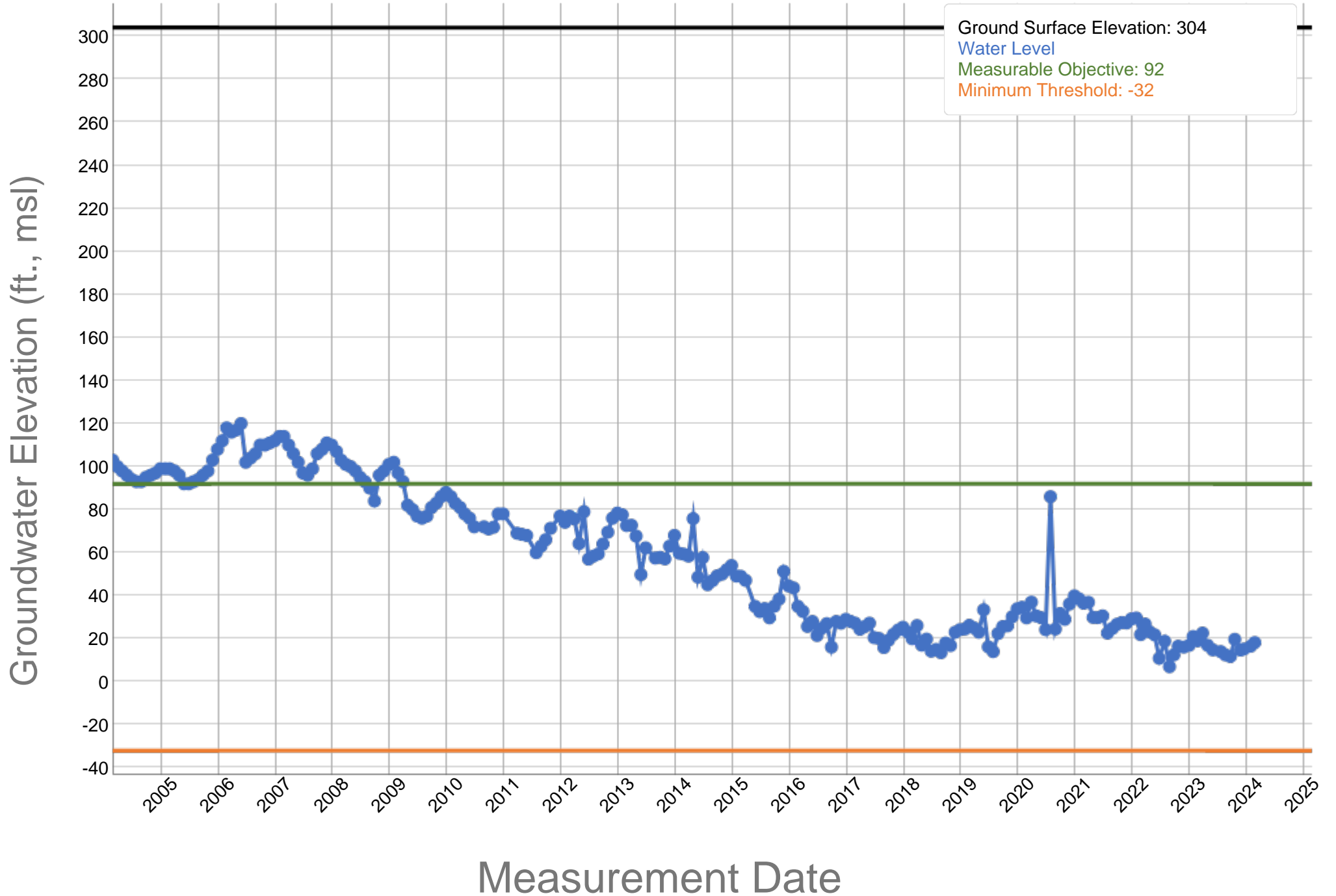
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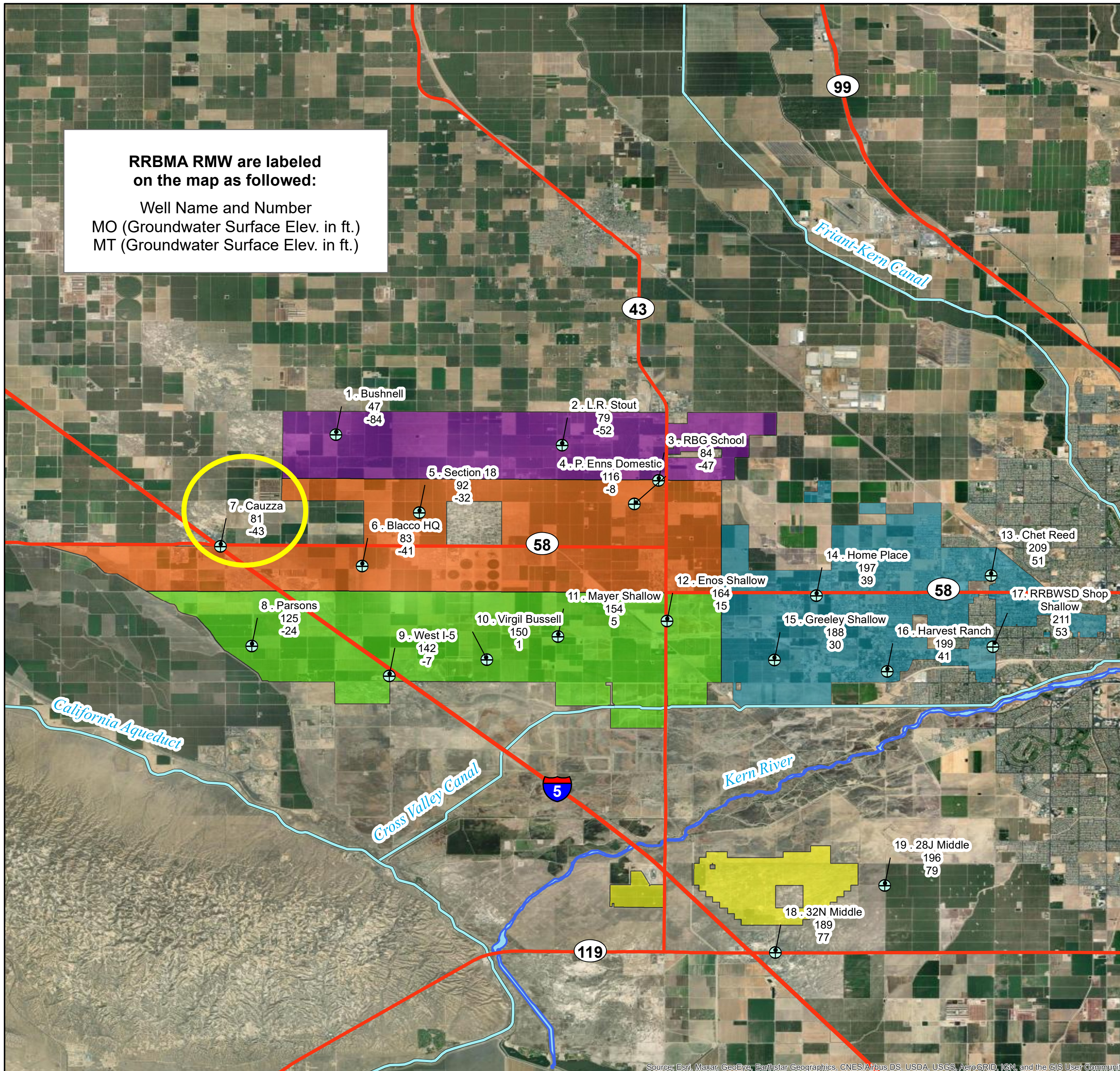


Source: Esri, Maxar, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community

Rosedale-Rio Bravo Water Storage District - Section 18 - 354090N1193318W001



RRBMA Monitoring Areas - RMW Water Level MOs and MTs



Legend

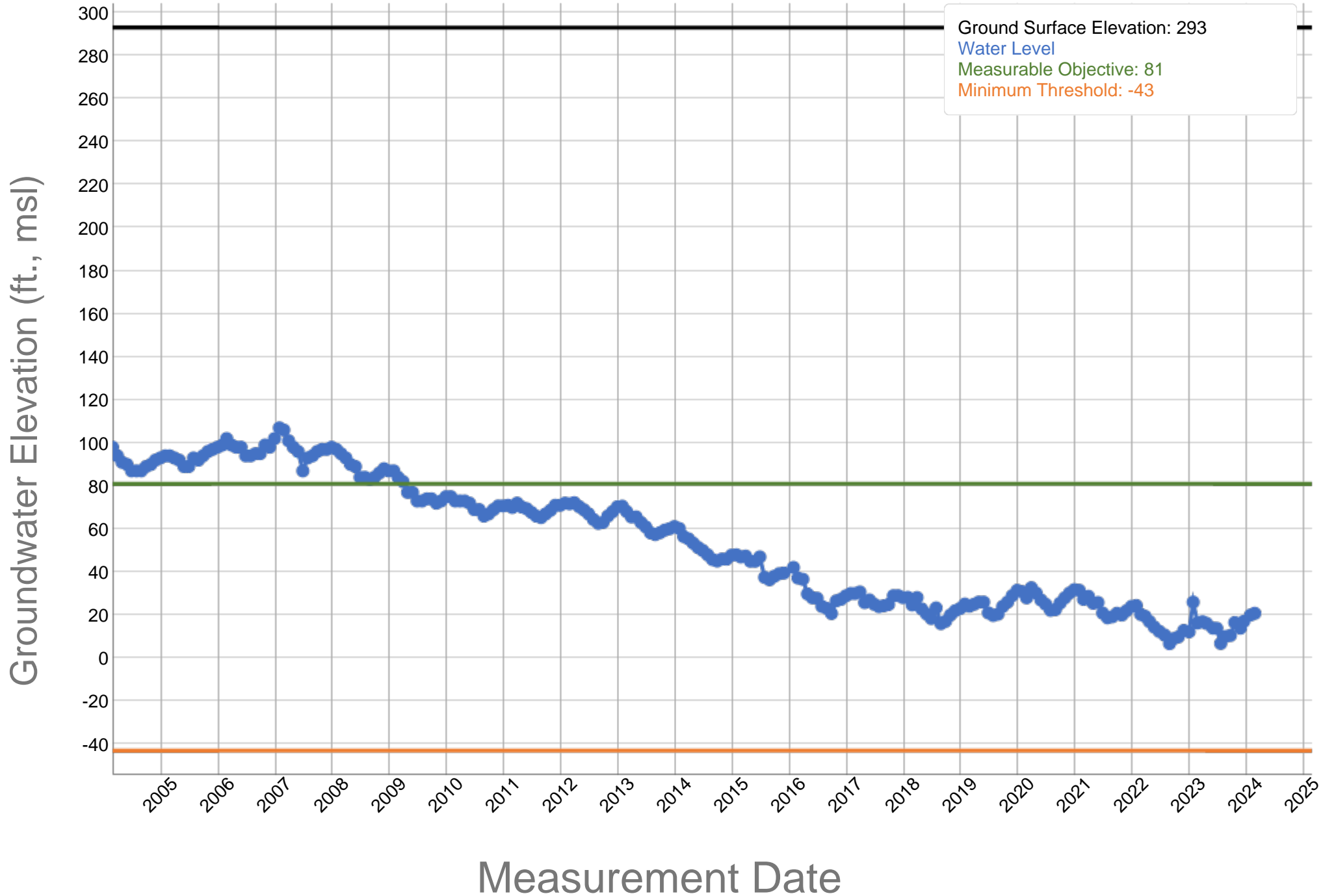
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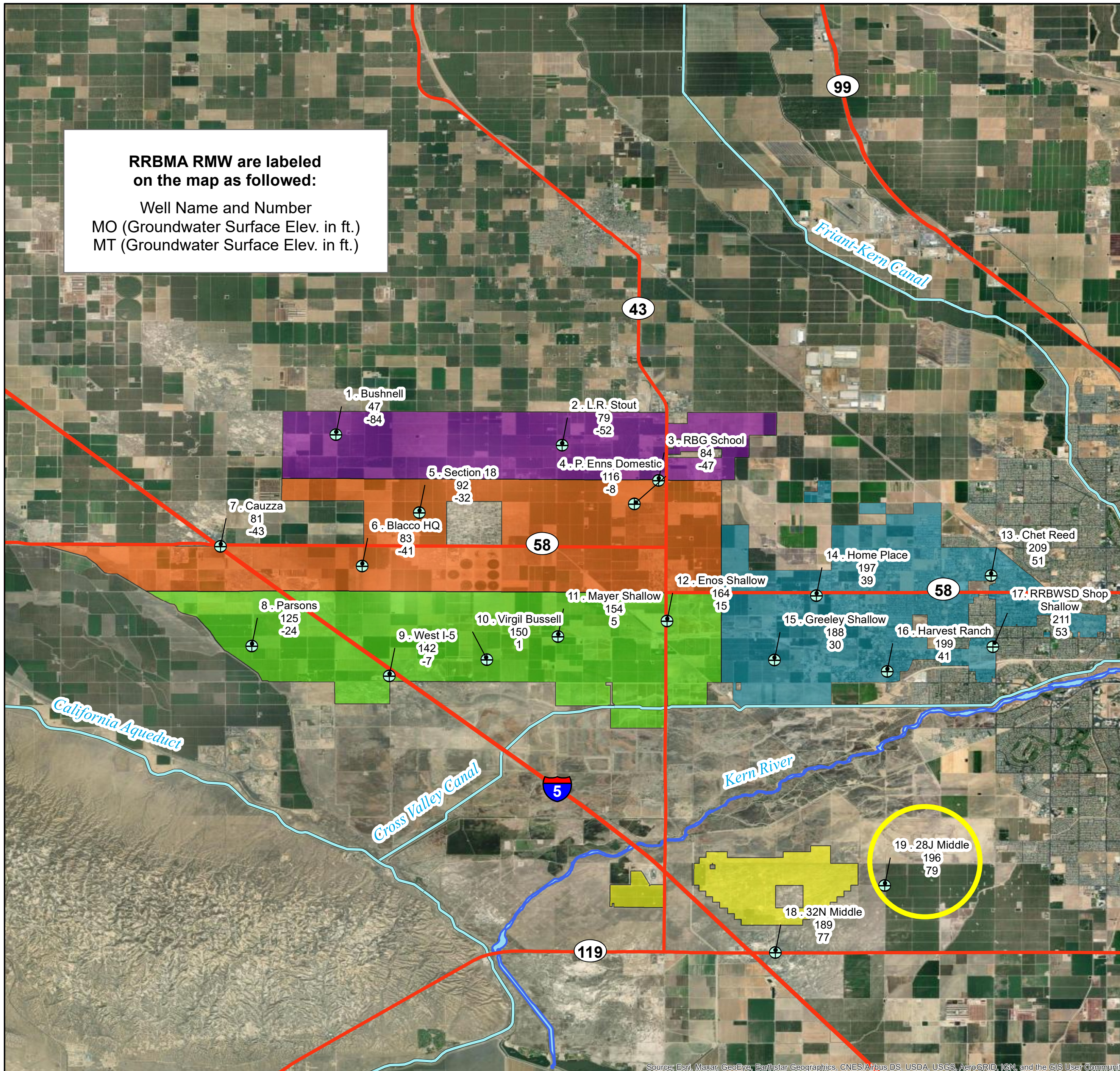


Source: Esri, Maxar, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community

Rosedale-Rio Bravo Water Storage District - Cauzza - 353986N1193948W001



RRBMA Monitoring Areas - RMW Water Level MOs and MTs



Legend

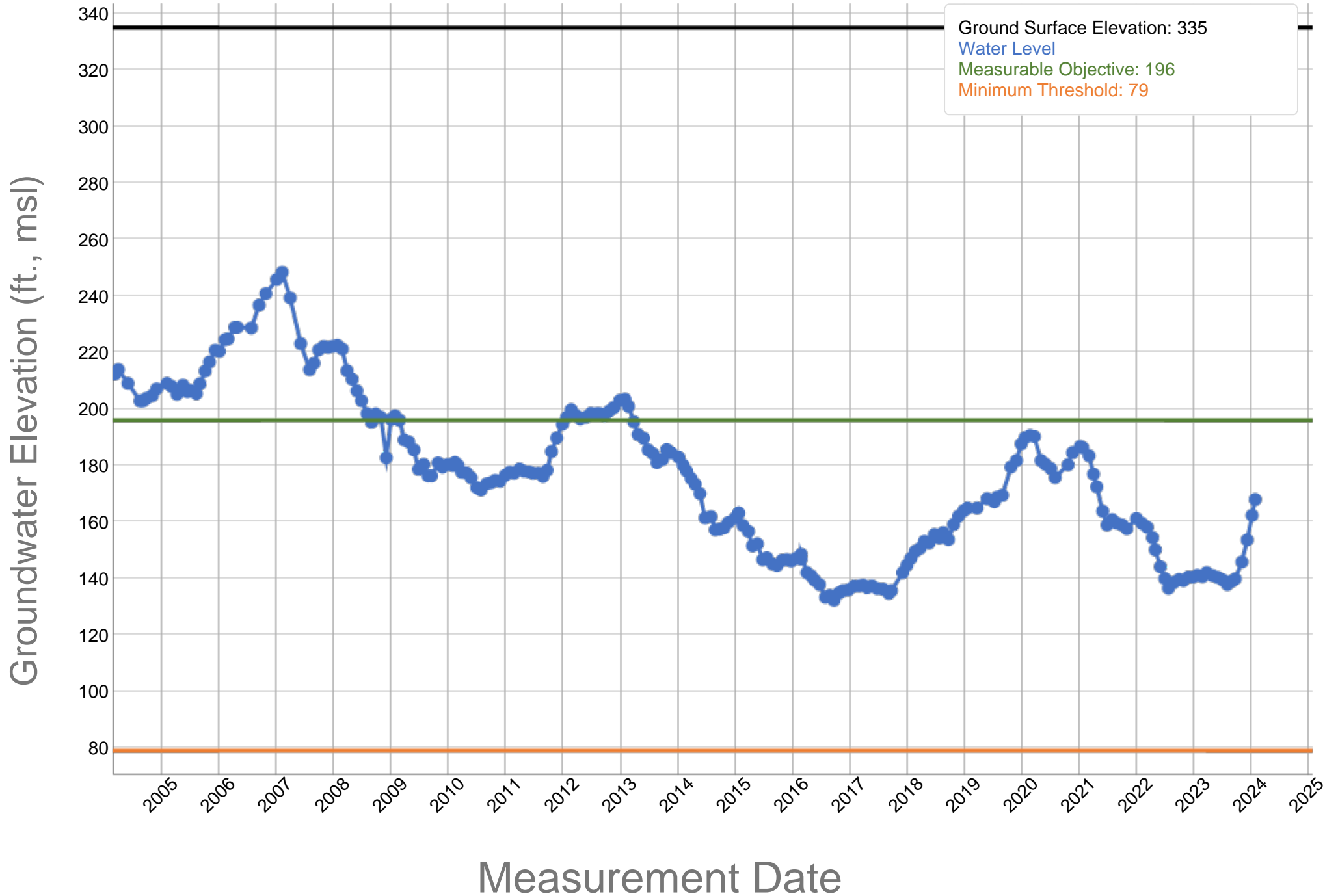
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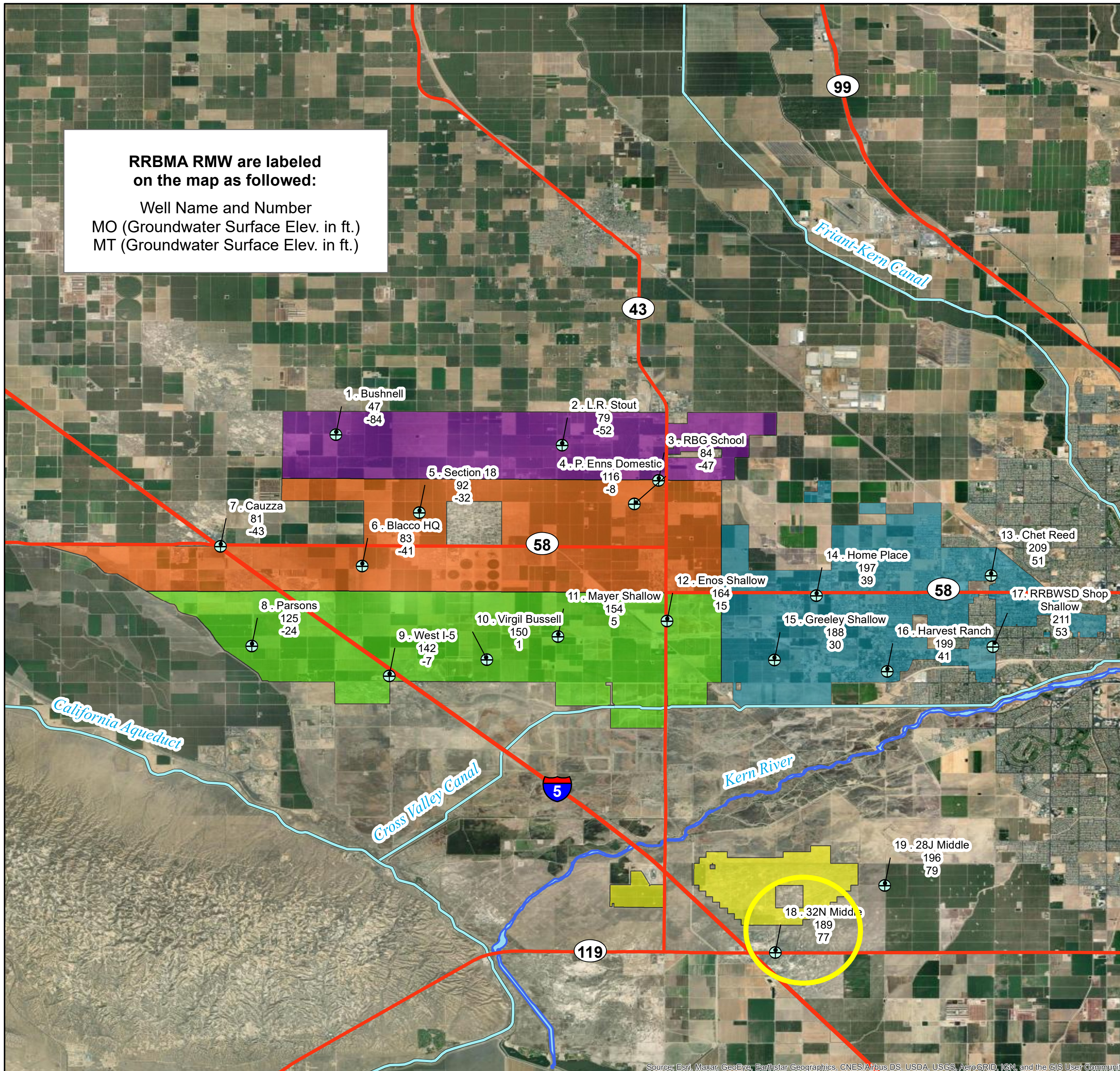


Source: Esri, Maxar, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community

Rosedale-Rio Bravo Water Storage District - 28J Triple - 352889N1191814W001



RRBMA Monitoring Areas - RMW Water Level MOs and MTs



Legend

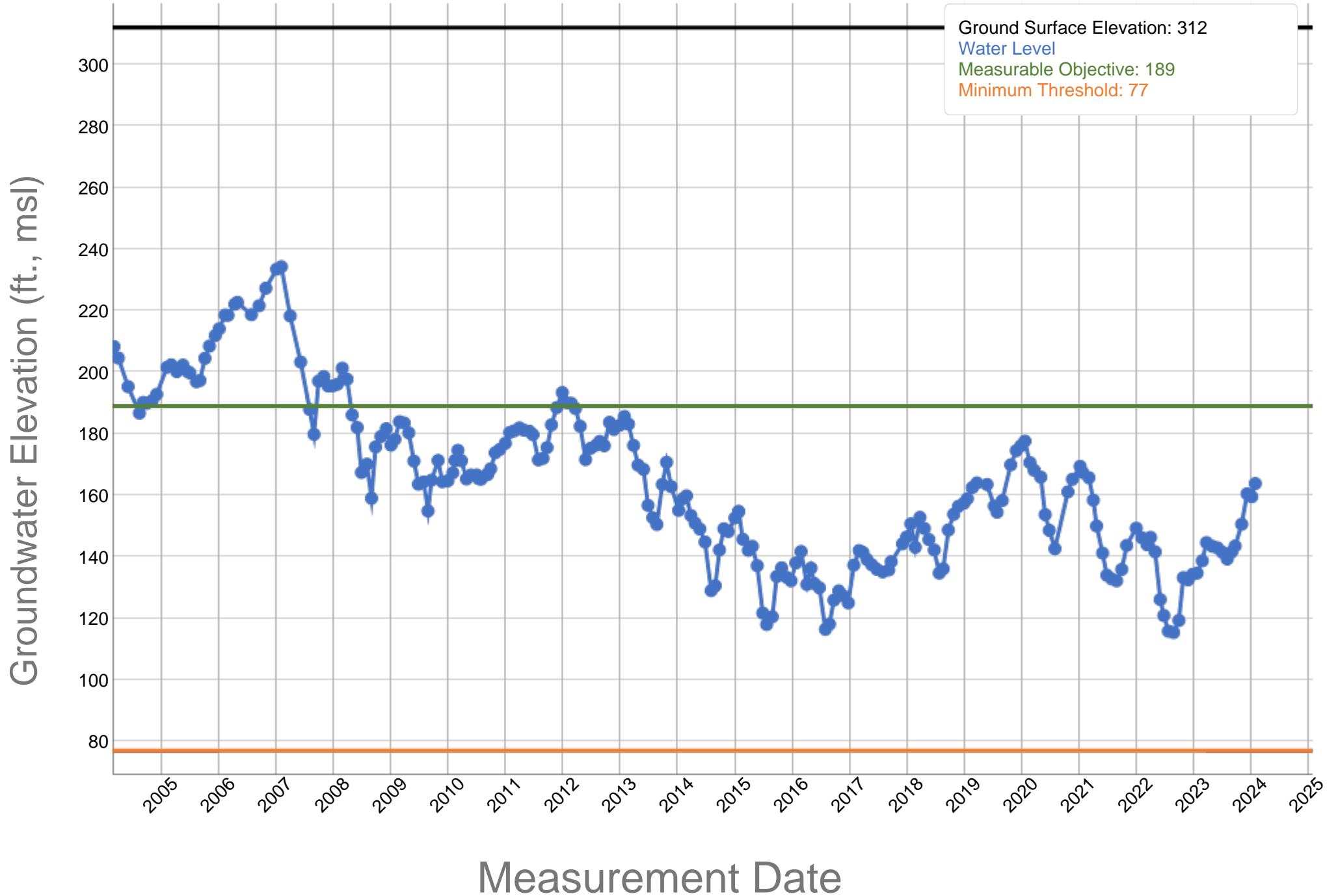
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Source: Esri, Maxar, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community

Rosedale-Rio Bravo Water Storage District - 32N Triple - 352673N1192138W002



TO: Rosedale-Rio Bravo Water Storage District Board of Directors
Agenda Item 4.c

FROM: Zach Smith

DATE: March 12, 2024

RE: Maintenance Report

Discussion:

Staff worked on various maintenance items throughout the District in February. Specifically:

- Preemergent application continued (Strand, Stockdale West, and Enns Basins)
- Tractor with scraper used to smooth levee roads in multiple locations.
- Staff hand-cleaned fences after February storms.
- Tractor with flail used to clean areas around Stockdale East and West Basins.
- Backhoe used to repair minimal leaks and reshape levees throughout District.
- Staff completed monthly cleaning of electrical panels on recovery wells.
- Salas Tree Service removed tree stumps from southeast corner of Rosedale and Enos.
- Field staff attended World Ag Expo in Tulare.





TO: Rosedale-Rio Bravo Water Storage District Board of Directors
 Agenda Item 4.d

FROM: Zach Smith

DATE: March 12, 2024

RE: Consideration of 2024 Basin Seeding Plan

Discussion:

District staff is requesting a budget to complete planting of approximately 500 acres of recharge basins in late-2024. The areas targeted are shown in the table provided below. The planting project provided good results in 2018 and early-2020. Planting competes against tumbleweed growth; the crop's roots reduce natural soil compaction and promote infiltration rates as well as being consistent with agricultural conservation easements.

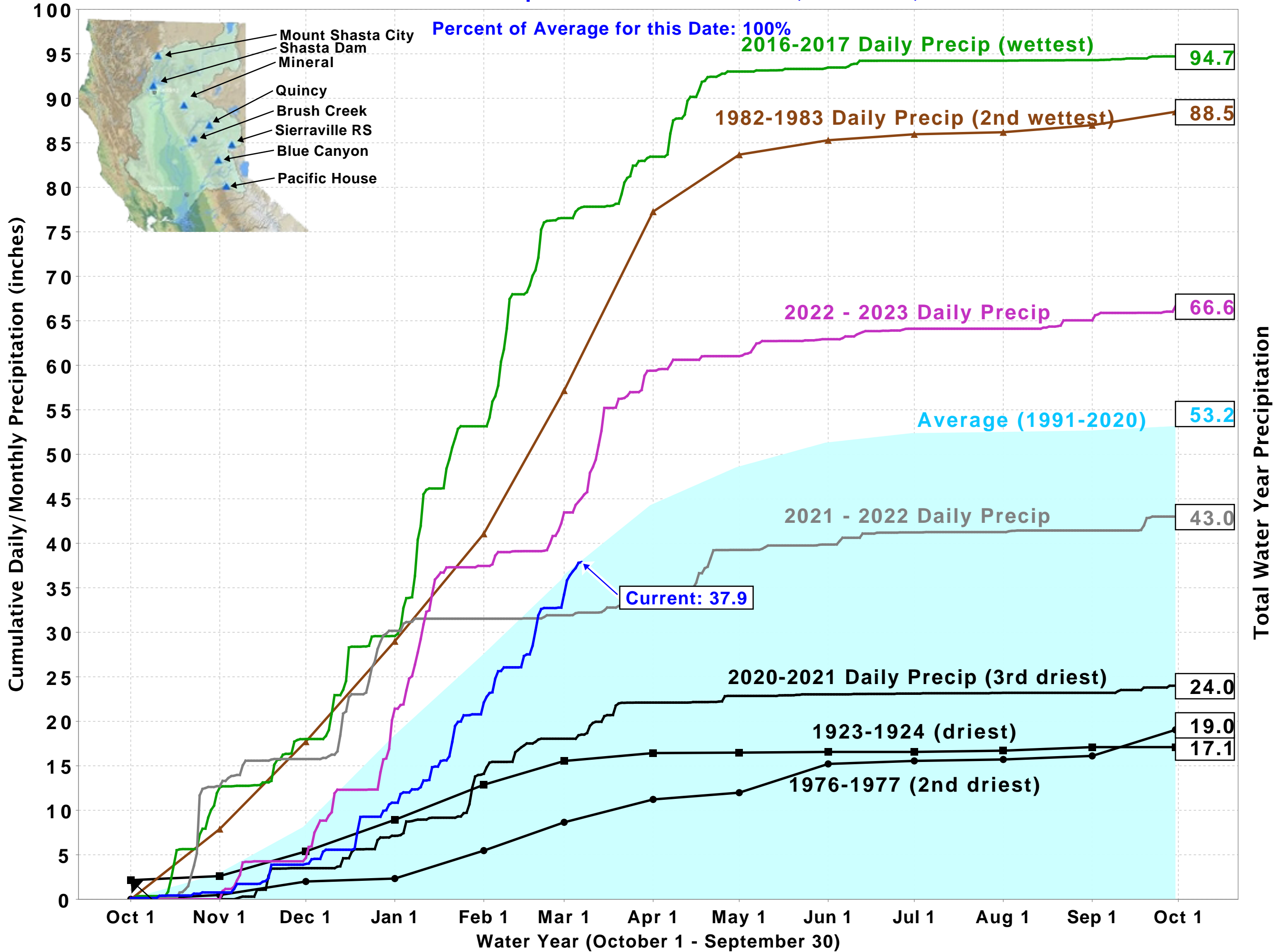
The basins would all be planted in rye grain. Planting would occur in March and would be based on the water supply outlook.

Basin Name	Acres
Enns NW	30
Enns NE	30
Enns SW	30
Enns SE	30
Cell 1A	20
Cell 1B	26
Cell 1C	20
MC-1 Pond	92
SE Pond 3	31
SE Pond 6	18
SE Pond 8	12
SE Pond 9	4
N. Strand B7	21
N. Strand B11	24
N. Strand B12	26
N. Strand B13	30
N. Strand B16	32
S. Strand B1	25
S. Strand B4	10
TOTAL >	511

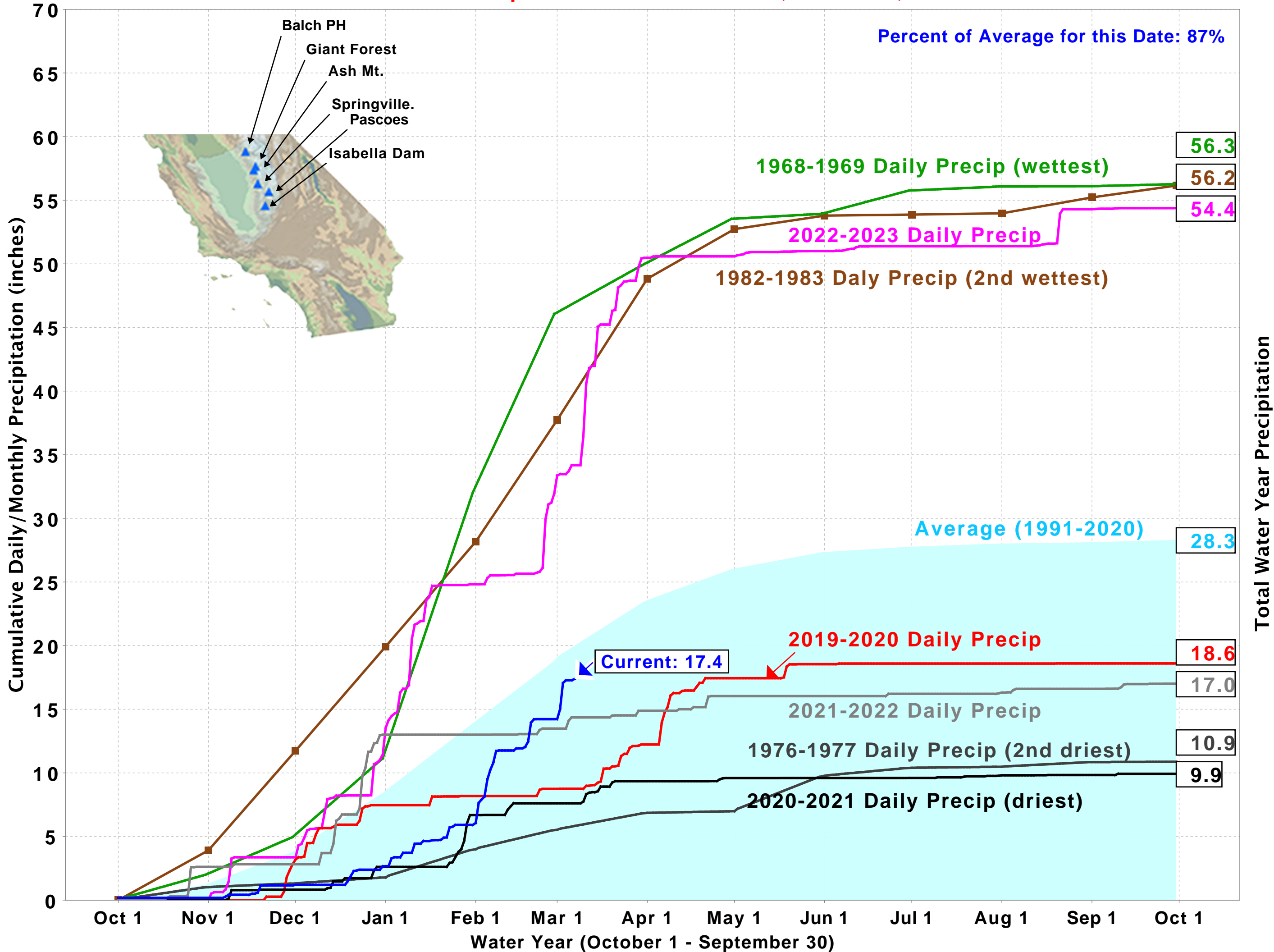
Recommendation:

Staff recommends approving a budget not to exceed \$60,000 towards planting a cover crop in 2024.

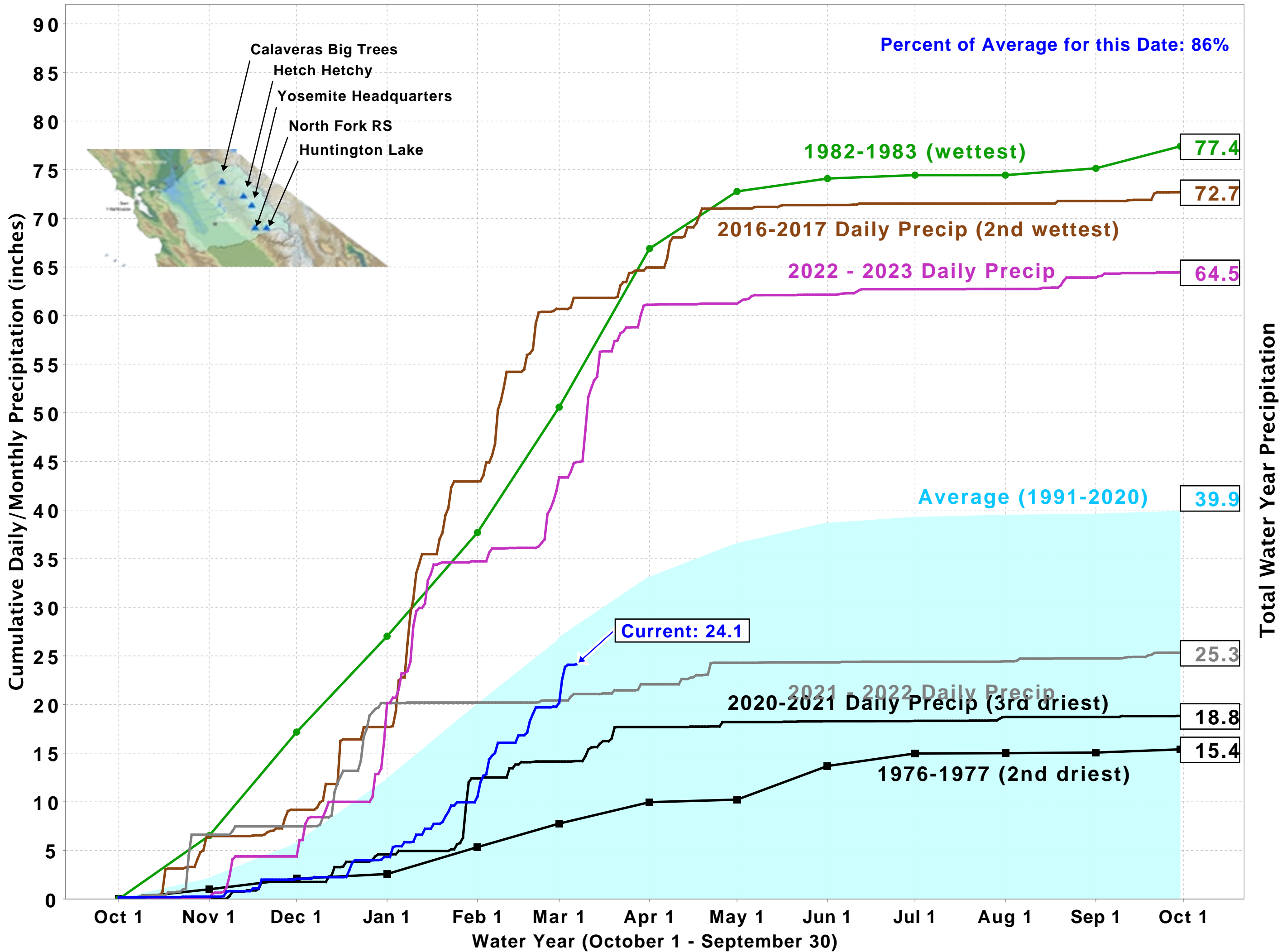
Northern Sierra Precipitation: 8-Station Index, March 07, 2024



Tulare Basin Precipitation: 6-Station Index, March 07, 2024



San Joaquin Precipitation: 5-Station Index, March 07, 2024



10-Day Feather Basin Quantitative Precipitation Forecast (QPF)

Thursday, March 7, 2024
(each day ends at 0400 PST)

Day No.	Date		Precip (inches)	Snow Level (ft)	Average Daily*			
					Precip (inches)	Snow Depth (inches)	Min Temp (°F)	
	Tuesday, February 27, 2024		0.0	4500				
	Wednesday, February 28, 2024		0.0	5000				
	Thursday, February 29, 2024		0.0	5500				
	Friday, March 1, 2024	Actual ↓	1.6	4000				
	Saturday, March 2, 2024		1.4	3000				
	Sunday, March 3, 2024		0.7	1500				
	Monday, March 4, 2024		0.4	1500				
	Tuesday, March 5, 2024		0.5	2500				
	Wednesday, March 6, 2024		0.6	4000				
	Thursday, March 7, 2024		0.0	4500	0.2	0.3	33.8	
Total observed:			5.2					
1	Friday, March 8, 2024		Forecast ↓	0.0	5,000	0.2	0.1	34.2
2	Saturday, March 9, 2024			0.0	6,500	0.3	0.1	35.5
3	Sunday, March 10, 2024			0.1	4,500	0.3	0.1	34.5
4	Monday, March 11, 2024	0.6		4,000	0.3	0.3	34.8	
5	Tuesday, March 12, 2024	0.4		4,000	0.3	0.4	34.0	
6	Wednesday, March 13, 2024	0.4		4,000	0.3	0.4	34.0	
7	Thursday, March 14, 2024	0.0		4,000	0.2	0.3	34.2	
8	Friday, March 15, 2024	0.0		5,000	0.3	0.5	33.8	
9	Saturday, March 16, 2024	0.0		6,000	0.3	0.4	35.0	
10	Sunday, March 17, 2024	0.0		6,500	0.2	0.3	35.2	
11	Monday, March 18, 2024	0.0		6,500	0.1	0.1	34.5	
10-Day Total:			1.5		2.7			
10-Day Percent of Normal:			56%					
Accumulated Observed Precip for WY 2024:			40.1	(WY 2023: 71.0)				

Comments: (105% YTD Ave)

Today and tomorrow will be mostly sunny and not as cool as recent forecasts. Expect prevailing northeast winds 5 to 15 mph with gusts around 30 mph. This weekend and early next week will be mostly cloudy with a chance of rain and snow showers. Snow levels currently around 5,000 feet rising to 6,500 feet this weekend before hovering around 4,000 feet through next week.

- QPF from the CNRFC: <http://www.cnrfc.noaa.gov/awipsProducts/RNOHFSFTA.php>
- 7-Day Temp Forecast from the CNRFC: <http://www.cnrfc.noaa.gov/awipsProducts/RNOHFSFTA.php>
- 7-Day Temp Forecast from NWS, Reno: <http://www.wrh.noaa.gov/cnrfc/versprod.php?pil=SFT&sid=REV&version=0>
- 7-Day Temp Forecast from NWS, Medford: <http://www.wrh.noaa.gov/cnrfc/versprod.php?pil=SFT&sid=MFR&version=0>
- 7-Day Temp Forecast from NWS, Sac: <http://www.wrh.noaa.gov/cnrfc/versprod.php?pil=SFT&sid=STO&version=0>
- 6 - 10 Day Forecast from CPC: <http://www.cpc.ncep.noaa.gov/products/predictions/610day/>
- 8 - 14 Day Forecast from CPC: <http://www.cpc.ncep.noaa.gov/products/predictions/814day/>
- 14-Day Precip Forecast from COLA: <http://wxmaps.org/pix/prec1.html>
- 14-Day Temp Forecast from COLA: <http://wxmaps.org/pix/temp1.html>
- Monthly Temp & Precip Outlooks from CPC: http://www.cpc.ncep.noaa.gov/products/predictions/multi_season/13_seasonal_outlooks/color/churchill.php
- 1 Month Forecast from CPC: <http://www.cpc.noaa.gov/products/predictions/30day/index.php>

* Normal daily values are the average of Western Regional Climate Center's daily records for Quincy, de Sabla, Sierraville, and Oroville. Annual average precipitation is 51".

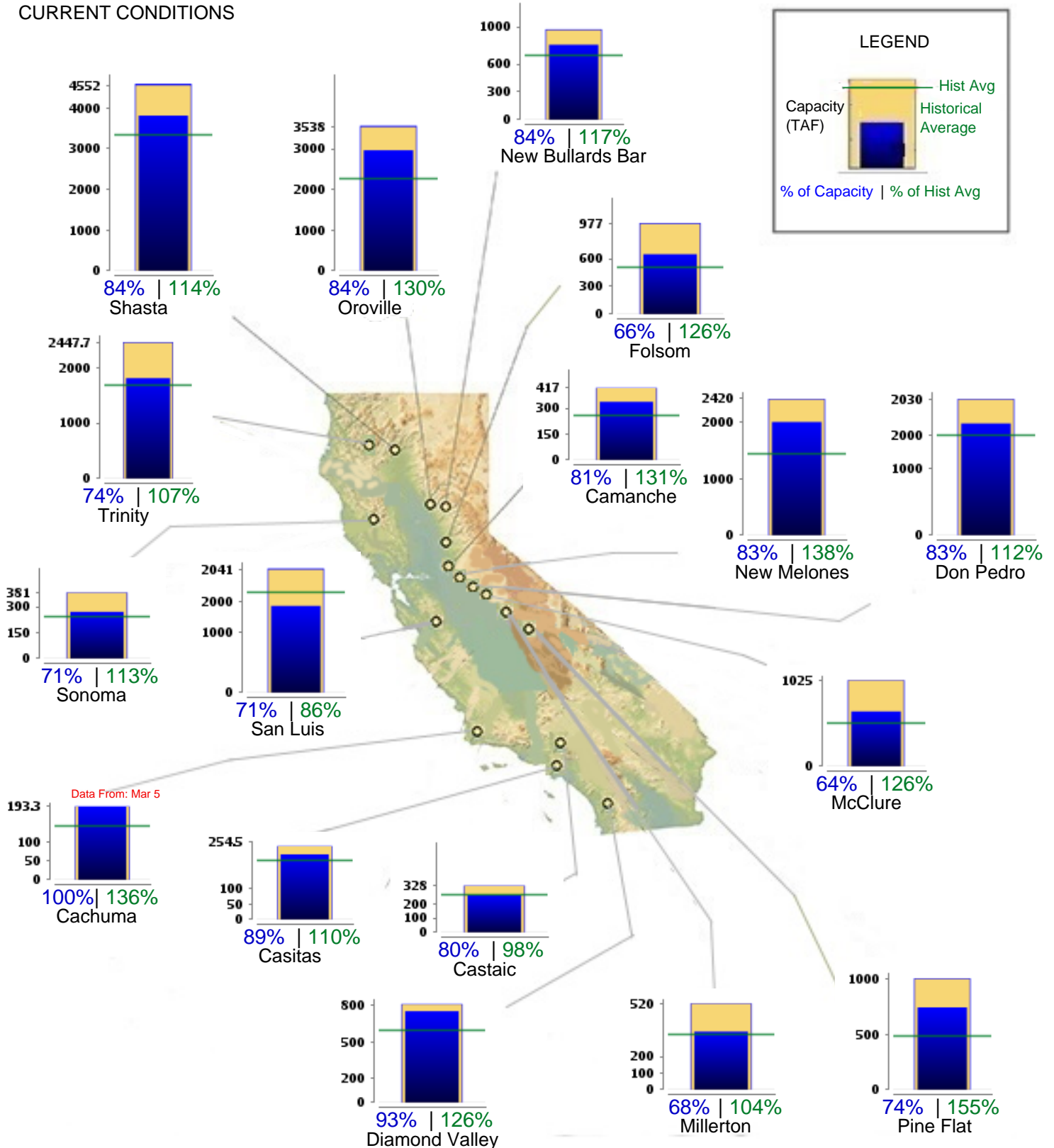


CURRENT RESERVOIR CONDITIONS

CALIFORNIA MAJOR WATER SUPPLY RESERVOIRS

Midnight - March 6, 2024

CURRENT CONDITIONS



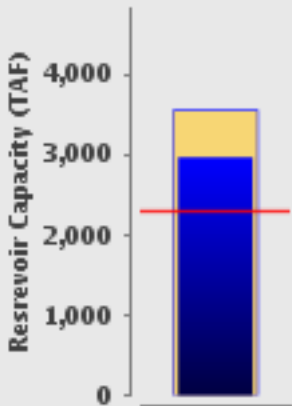


CURRENT RESERVOIR CONDITIONS



Lake Oroville Conditions

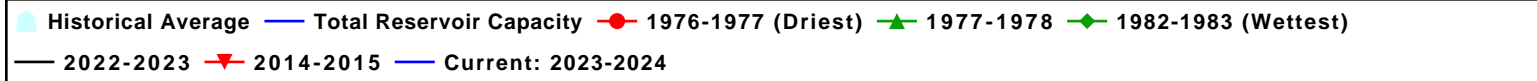
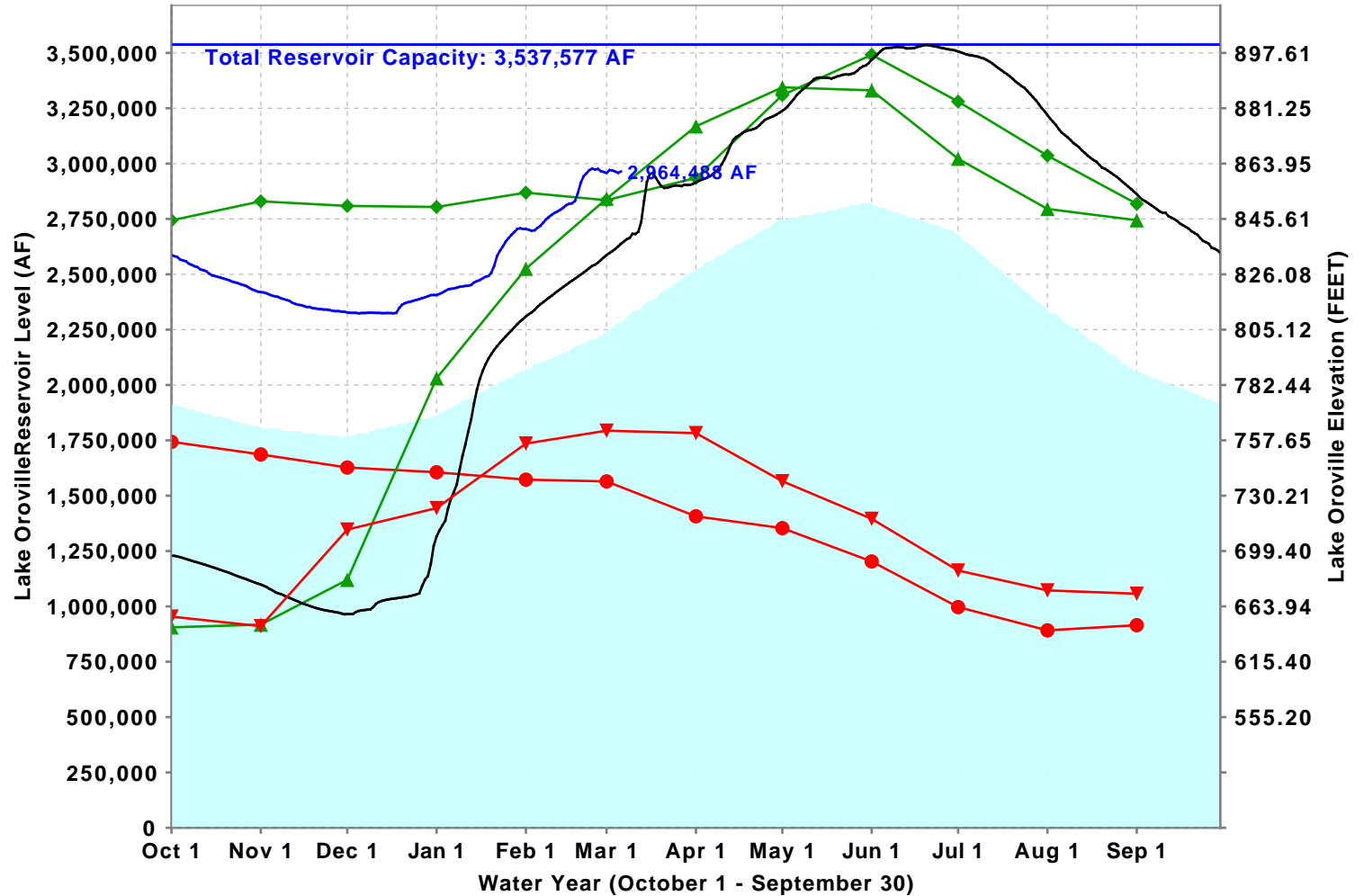
(as of Midnight - March 6, 2024)



Current Level: 2,964,488 AF

84% (Total Capacity) | 130% (Historical Avg.)

Lake Oroville Levels: Various Past Water Years and Current Water Year, Ending At Midnight March 6, 2024



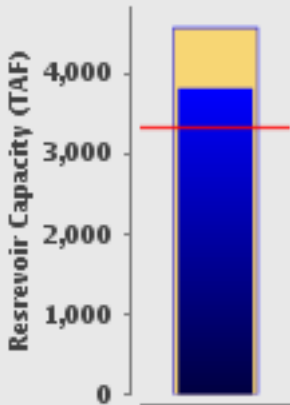


CURRENT RESERVOIR CONDITIONS



Lake Shasta Conditions

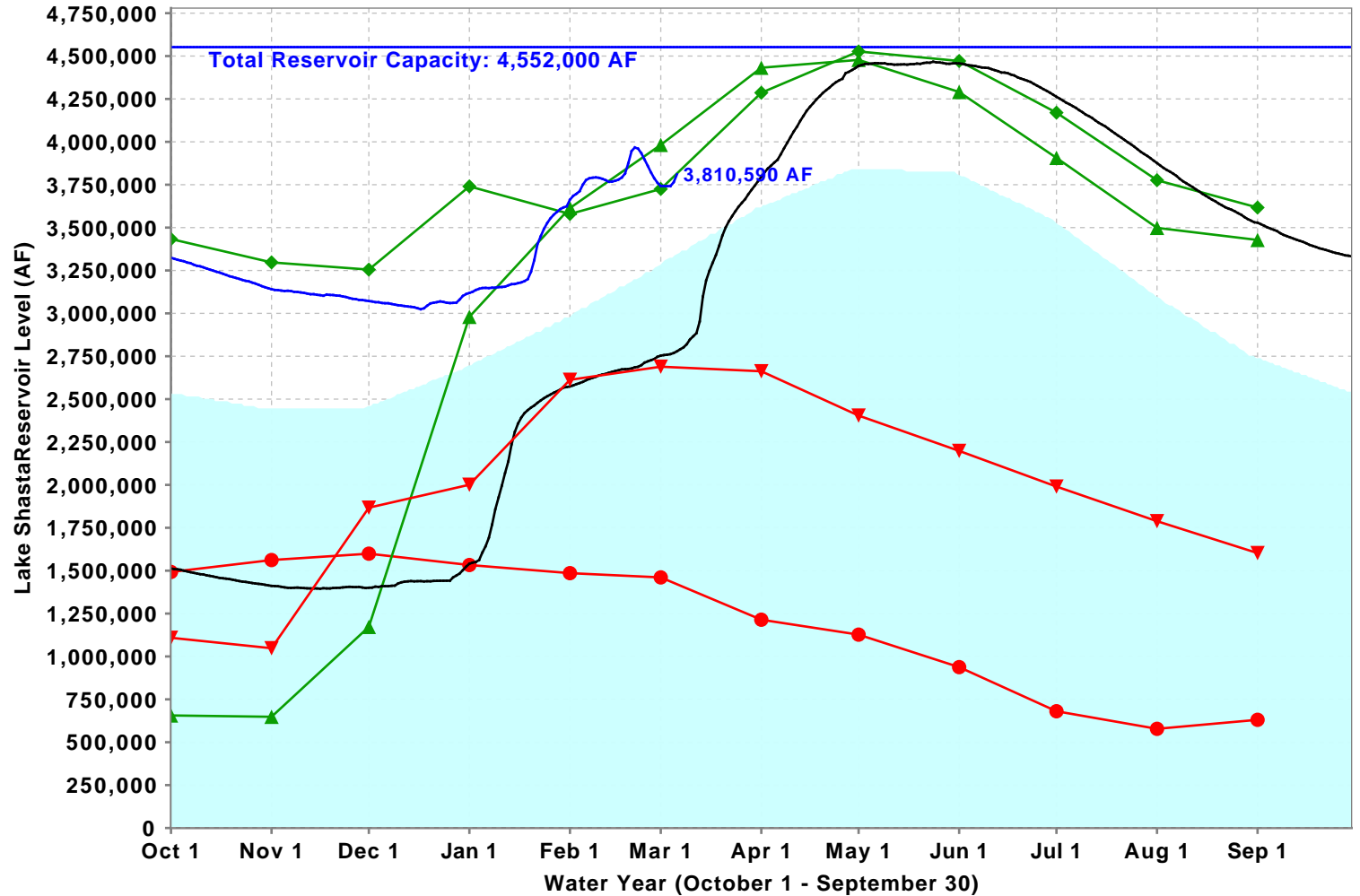
(as of Midnight - March 6, 2024)



Current Level: 3,810,590 AF

84% (Total Capacity) | 114% (Historical Avg.)

Lake Shasta Levels: Various Past Water Years and Current Water Year, Ending At Midnight March 6, 2024

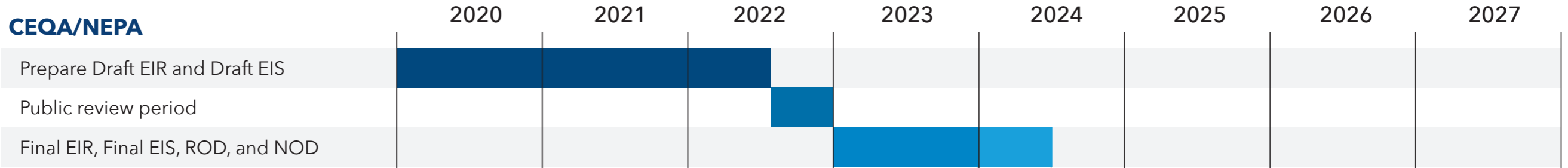


■ Historical Average
 — Total Reservoir Capacity
 ● 1976-1977 (Driest)
 ▲ 1977-1978
 ◆ 1982-1983 (Wettest)

— 2022-2023
 ▼ 2014-2015
 — Current: 2023-2024

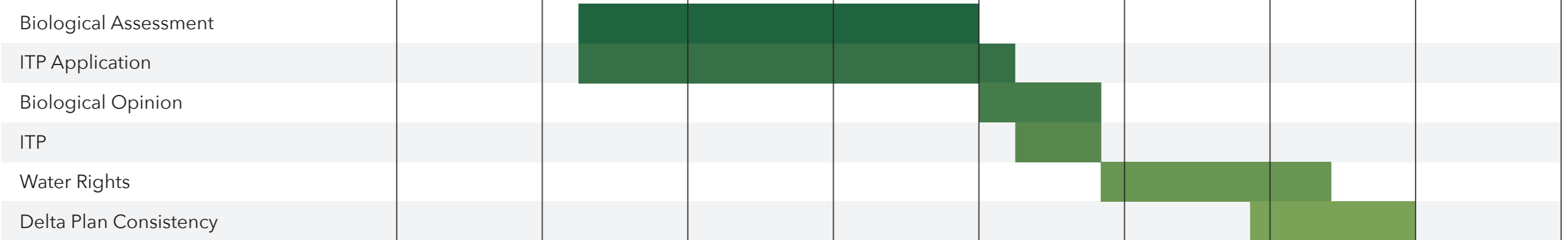
Delta Conveyance Project Planned Schedule

CEQA/NEPA

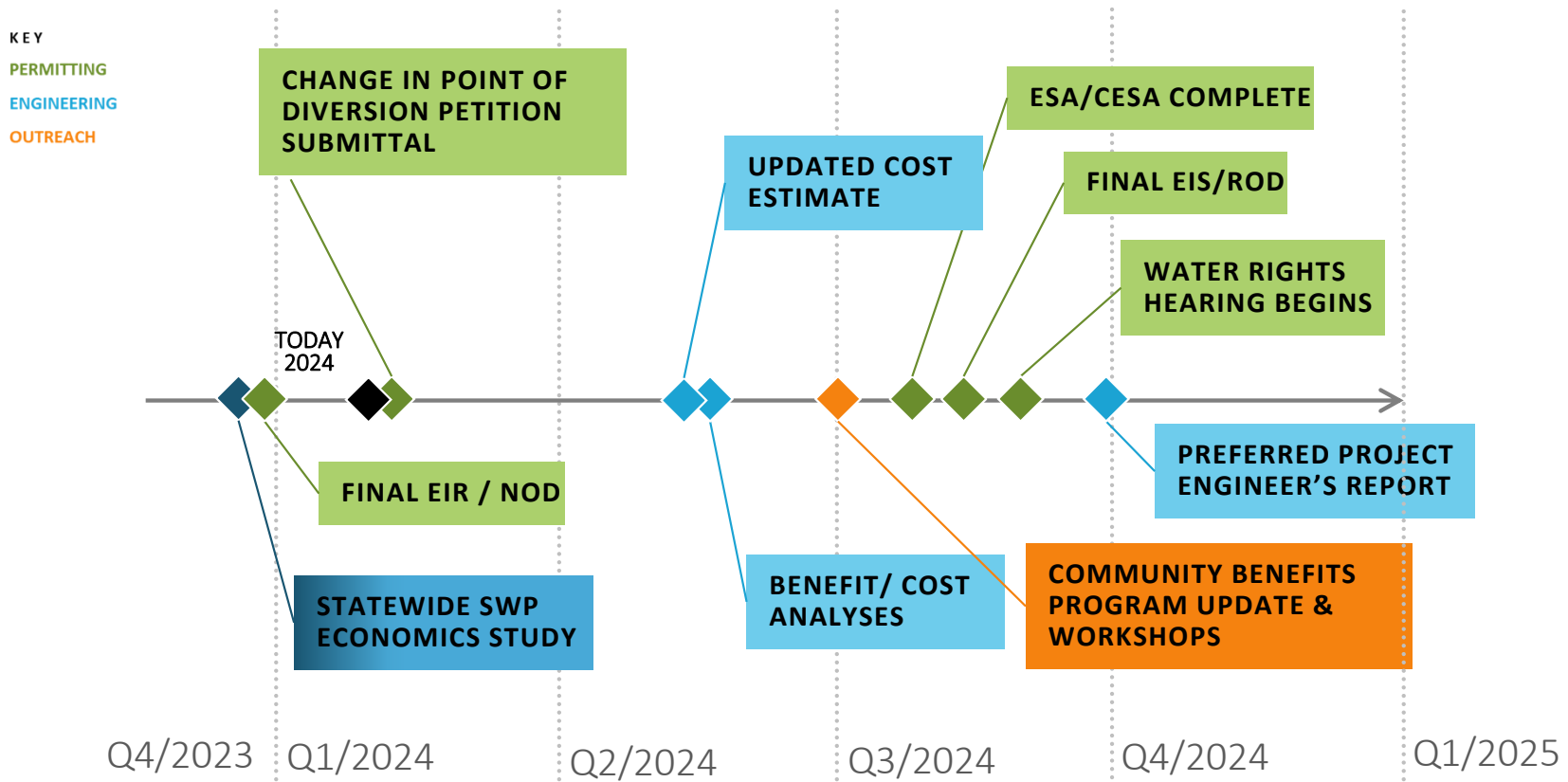


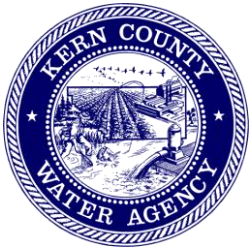
Final EIR
Final EIS

Other Environmental Processes



DCP 2024 Milestones





KERN COUNTY WATER AGENCY

Stuart T. Pyle Water Resources Center

3200 Rio Mirada Drive
Bakersfield, California

Notice of Special Board Meeting

February 22, 2024

Conference Line: [+1 \(571\) 317-3122](tel:+15713173122)

Access Code: 863-465-805#

<https://global.gotomeeting.com/join/863465805>

AGENDA

- I. Call to Order – 11:00 a.m.
- II. Directors' Forum
- III. Public Comment
- IV. Report of the General Manager
- V. Report of the General Counsel
 - A. Authorization for Closed Session regarding:
 1. Conference with Legal Counsel – Existing Litigation (Government Code section 54956.9, subdivision (a)):
 - a. Applications Filed for Kern River Water
 - b. California Department of Water Resources v. All Persons Interested in the Matter of the Contract Extension Amendments
 - c. North Coast Rivers Alliance, et al. v. California Department of Water Resources (COA CEQA)
 - d. California Department of Water Resources v. All Persons Interested in the Matter of the Authorization of Delta Program Revenue Bonds
 - e. Rosedale-Rio Bravo Water Storage District, *et al.* v. Kern County Water Agency, *et al.* (CVC Issues)
 - f. Kern Delta Water District, *et al.* v. Rosedale-Rio Bravo Water Storage District (Onyx CEQA)
 - g. Rosedale-Rio Bravo Water Storage District v. Buena Vista Water Storage District, *et al.* (Onyx Water Rights)
 - h. California Sportfishing Protection Alliance, *et al.* v. California State Water Resources Control Board, *et al.*, Sacramento County Superior Court, Case No. 34-2021-80003761 (2021 Order Re Temporary Urgency Change Petition)

- i. California Sportfishing Protection Alliance, *et al.* v. State Water Resources Control Board, *et al.*, Sacramento County Superior Court, Case No. 34-2021-80003763 (2021 Order Re Shasta Temporary Management Plan)
 - j. California Water Impact Network v. Department of Water Resources, Sacramento County Superior Court Case No. 34-2020-80003492; North Coast Rivers Alliance v. Department of Water Resources, Sacramento County Superior Court Case No. 34-2020-80003491 (Water Management Tools)
 - k. Pacific Coast Federation of Fishermen’s Associations, *et al.* v. Ross,, E.D. Cal., Case No. 1:20-cv-00431 & California Natural Resources Agency, *et al.* v. Ross, *et al.*, E.D. Cal., Case No. 1:20-cv-00426 (Long-term Operations)
 - l. State Water Board Cases, Sacramento County Superior Court Case No. JCCP 5013 (Water Quality Control Plan Phase 1 Litigation)
 - m. Oroville Dam Cases, Sacramento County Superior Court Case No. JCCP 4974
 - n. Long-term State Water Project Operations Cases, Sacramento County Superior Court Case No. JCCP 5117
 - o. Temporary Applications Filed for Kern River Water
 - p. Bring Back the Kern, *et al.* v. City of Bakersfield, *et al.*, Kern County Superior Court Case No. BCV-22-103220
- 2. Conference with Legal Counsel – Initiation of Litigation (Government Code section 54956.9, subdivision (d)(2)):
 - a. Two potential suits
 - 3. Conference with Legal Counsel – Anticipated Litigation: Significant exposure to litigation: (Government Code section 54956.9, subdivision (d)(2)):
 - a. Two potential suits
 - 4. Conference with Real Property Negotiator (Government Code section 54956.8):
 - a. Negotiator: Improvement District No. 4 Manager
Property: APN 115-120-04, 115-120-08, 115-120-09 and 116-110-31
Parties: Kern County Water Agency and City of Bakersfield
Under Negotiation: Price and Terms
 - b. Negotiator: Water Resources Manager
Property: State Water Project Water
Parties: California Department of Water Resources and State Water Project Contractors
Under Negotiation: Price & Terms

VI. Review of the Kern County Water Agency General Fund and State Contract Payment Fund Budgets

VII. Adjournment

NOTICE: This meeting is being conducted primarily by telephone conference.

Conference Line: +1 (571) 317-3122 / **Access Code:** 863-465-805# / <https://global.gotomeeting.com/join/863465805>

DECLARATION OF POSTING: I declare under penalty of perjury that I am employed by the Kern County Water Agency and that I posted the foregoing Agenda at the Agency Office on February 16, 2024.



Stephanie N. Prince, Board Secretary

Requests for a disability-related modification or accommodation, including auxiliary aids or services, in order to attend or participate in a meeting should be made to the Board Secretary in advance of the meeting to ensure availability of the requested service or accommodation.



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E0 Wdcp'Dcngtuhgrf 'Cf xkuqt { 'Eqo o kwgg

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Vj g'hqmjy kpi 'kgo u'y kn'dg'f kuewugf 'lp'f g'ckl'cv'yj g'o ggvpki 'cpf 'o c{ 'tguwn'lp'cr r tqr tkcv
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40 Rc{ o gpv'qh'yj g'Dknu

50 HkpcpekniTgr qt v

60 Cwj qt k' cvkqp'vq'Ugn'Mgt'Eqwv'Y cvgt 'Ci gpe{ 'Uwtr nu'Gs vkr o gpv

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40 Wf cvg'qp'Ngi kur'v'xg'Cev'xkkgu

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Cmgecv'kpu'cpf 'Qr gtcv'kpu

" " " 60' Y cvgt 'F grkxgt { 'Qr gtcvkapu"
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Hgcukdkk { 'Cpcn { uku'qh'Vglqp/Ecuve 'Y cvgt 'F kntlev'Ecrkhtpk 'Cs wgf wev 'Vvtpqw"

" " " 80' Tgr qt v'qp 'y g' Mgtp 'Tkxgt "

F0' Y CVGT'O CPCI GO GPV'EQO O KVVGG'δ'F ktgevqt 'Cxgtgw.'Ej ckt

" " " 30' Tgr qt v'qh' y g' Cpi kpggtkpi 'cpf 'I tqwpy cvgt 'Ugtxlegu' O cpci gt "
" " " c0' Wf f cvg'qp 'I tqwpy cvgt 'Dcpnkpi 'Eqputwekqp IO clpvpcpeg"
" " " " Rtqlgeu"
" " " d0' Wf f cvg'qp 'Rkppgt 'Rtqlgev' Tgej cti g' Hcekklku' o' Dculp' 33"
" " " 40' Tgr qt v'qp '4246' Y cvgt 'Qr gtcvkapu"
" " " 50' Tgr qt v'qp 'Mgtp 'Y cvgt 'Dcpm' Cevkklku'

G0' ETQUUXCNGI 'ECPN'EQO O KVVGG'δ'F ktgevqt 'Nwps wkuv.'Ej ckt

" " " 30' Tgr qt v'qh' y g' Y cvgt 'Tguwtegu' O cpci gt "
" " " " c0' Wf f cvg'qp 'Etquu' Xcng { 'Ecpn' Eqputwekqp IO clpvpcpeg' Rtqlgeu"
" " " 40' Tgr qt v'qp 'Etquu' Xcng { 'Ecpn' Qr gtcvkapu' cpf 'F grkxgtkgu"
" " " 50' Cwj qtk cvkap 'q' Gzgewg' Ej cpi g' Qtf gt 'P q05' 'q' 'Etquu' Xcng { 'Ecpn'
" " " " Rkppgt 'krgv' kō r tqxgo gpw' Rtqlgev' o' Eqptcev' P q0MEY C' 4244/24'"
" " " 60' Cwj qtk cvkap 'q' Gzgewg' Co gpf o gpv' P q04' 'q' 'y g' Mgtp 'Eqwv { ""
Y cvgt 'Ci gpe { 'Ci tgggo gpv' hqt 'Eqputwekqp' O cpci go gpv' Ugtxlegu"
hqt 'y g' 'Etquu' Xcng { 'Ecpn' Rkppgt 'krgv' kō r tqxgo gpw' Rtqlgev' o'
Eqptcev' P q0MEY C' 4244/24'"

H0' WTDCP 'DCMGTUHGNE'EQO O KVVGG'δ'F ktgevqt 'Y wth.'Ej ckt

" " " 30' Tgr qt v'qh' y g' kō r tqxgo gpv' F kntlev' P q06' O cpci gt "
" " " c0' Tgr qt v'qp 'y g' Mgtp 'Tkxgt 'I tqwpy cvgt 'Uwvckpckk { 'Ci gpe { "
" " " " O ggkpi "
" " " 40' Tgr qt v'qp 'y g' kō r tqxgo gpv' F kntlev' P q06' 4246' Y cvgt 'Uwr r n { "
" " " " cpf 'O cpci go gpv' Rcp"
" " " 50' Cwj qtk cvkap 'q' Rwdrkj 'y g' P qvleg' qh' Rwdrke 'J gctkpi 'hqt 'y g' "
4245' Tgr qt v'qp 'Y cvgt 'Eqpf kkapu' Y kj kō r tqxgo gpv' F kntlev' P q06' "
" " " "

4. Report on the Henry C. Garnett Water Purification Plant
 - a. Update on the Henry C. Garnett Water Purification Plant Process Control Improvements and Optimization Study with an Emphasis on Disinfection
 - b. Authorization to Execute a Task Order for the Purchase of Equipment for the Treatment Train B Multimedia Filters Programmable Logic Controller Upgrade Project

IX. Correspondence

X. Brief Report on Potential New Business

XI. Adjournment

DECLARATION OF POSTING: I declare under penalty of perjury, that I am employed by the Kern County Water Agency and that I posted the foregoing Agenda at the Agency Office on February 16, 2024.


Stephanie N. Prince, Board Secretary

Requests for a disability-related modification or accommodation, including auxiliary aids or services, in order to attend or participate in a meeting should be made to the Board Secretary in advance of the meeting to ensure availability of the requested service or accommodation.

BEFORE THE BOARD OF DIRECTORS OF THE
ROSEDALE-RIO BRAVO WATER STORAGE DISTRICT

IN THE MATTER OF:

CONSENTING TO SIGNING A CONTRACT FOR TEMPORARY
WATER SERVICE BETWEEN THE UNITED STATES AND
ROSEDALE-RIO BRAVO WATER STORAGE DISTRICT

RESOLUTION # 540

WHEREAS, Rosedale-Rio Bravo Water Storage District wishes to enter into an agreement with the United States Department of the Interior Bureau of Reclamation entitled "Contract for Temporary Water Service between the United States and Rosedale-Rio Bravo Water Storage District", for the purpose of purchasing water made available from the Central Valley project pursuant to Section 215 of the Reclamation Reform Act; and

WHEREAS, the Rosedale-Rio Bravo Water Storage District is primarily located within the service area of the Central Valley Project; and

WHEREAS, the contract will remain in effect for the 2024 water year.

NOW THEREFORE BE IT RESOLVED, by the Board of Directors of the Rosedale-Rio Bravo Water Storage District as follows:

Section 1. Rosedale-Rio Bravo Water Storage District hereby consents to the above mentioned "Contract for Temporary Water Service" and authorizes its President and Secretary to sign the contract on behalf of the Rosedale-Rio Bravo Water Storage District.

ALL THE FOREGOING being on motion of Director _____, seconded by Director _____, and authorized by the following vote:

AYES:

NOES:

ABSENT:

ABSTAINING:

I HEREBY CERTIFY that the foregoing is the resolution of said District as duly passed and adopted by said Board of Directors on the 12th day of March 2024.

Board President

Board Secretary



MARCH 2024

RRB ROSEDALE-RIO BRAVO
WATER STORAGE DISTRICT

STRATEGIC PLAN
MONTHLY UPDATE



PURPOSE

TO BE RESPONSIBLE STEWARDS OF WATER, A VALUED RESOURCE



MISSION

BUILDING A SUSTAINABLE WATER SUPPLY TO HELP OUR COMMUNITY THRIVE



VALUES

SUSTAINABILITY
INNOVATION
GRACIOUS
HARD-WORKING
TRUSTWORTHY



STRATEGIC
PRIORITIES

SUSTAINABILITY/RESILIENCY, LONG-TERM HEALTHY PARTNERSHIPS, FINANCIAL STRENGTH, TEAMWORK, INNOVATION/CREATIVITY

1

GOAL #1: DEVELOP AND IMPROVE LONG-TERM PARTNERSHIPS

2

GOAL #2: ACQUIRE OTHER WATER SUPPLIES

3

GOAL #3: DEVELOP A WATER CHARGE TO SUPPORT SGMA IMPLEMENTATION

4

GOAL #4: LIVE OUT AN INTENTIONAL AND FOCUSED PROJECT PLAN FOR MAJOR INITIATIVES

5

GOAL #5: ENSURE THAT KEY RESPONSIBILITIES WITHIN THE AGENCY ARE SUSTAINABLE AND EFFICIENT

GOAL # 2 OBJECTIVES	PRIORITY	STATUS	OWNER
Development of potential water sources that could be available during certain hydrological periods.	HIGH	IN PROGRESS	Trent
Incorporate into the long-term financial impact model and develop a funding strategy.	MEDIUM	IN PROGRESS	Trent Megan
Seek to acquire all necessary agreements and approvals for the acquisition and conveyance of each source.	HIGH	IN PROGRESS	Trent

[View this email in your browser](#)



The Rosedale Recap!

February 2024 Newsletter

RRBWSD February 13, 2024 Board Meeting

The District convenes on the second Tuesday of every month at 8 AM. We encourage public participation and value your input during these Board meetings. To review our most recent Board Packet, please click the button below.

[Explore Board Packet](#)

FEB
13
2024

BOARD OF
DIRECTORS
MEETING
8:00 AM



Honoring Wes Selvidge's life and 35-year commitment to the District with our Water Legacy Award.



At our recent Board meeting, we honored the late Wes Selvidge and his family with our Water Legacy Award (see photos above), acknowledging his 35-year service to our Board. His significant contributions have greatly inspired our work. His steadfast dedication symbolizes enduring loyalty and guides our ongoing growth.



ROSEDALE RIO BRAVO WATER STORAGE DISTRICT
GROUNDWATER SUSTAINABILITY AGENCY

SGMA Update

The Kern County Subbasin is striving for state approval on its 3rd Groundwater Sustainability Plan (GSP), following two unsuccessful attempts due to a lack of coordination and content deficiencies. If unsuccessful, the subbasin risks probation, fees, and state intervention. The local water community aims to present a new draft in May, with some believing they'll

qualify as-is under the “good guy” statute clause. Yet, the majority are focused on submitting a single plan to address the long-standing basin overdraft issue, a strategy favored by the State Water Resources Control Board. The Rosedale team is intensively guiding policy, technical, and managerial aspects to meet requirements. The objective for Rosedale, since its inception in 1959, is to balance the aquifer and halt falling water levels from regional over-pumping. We urge our community members to participate in our upcoming Stakeholder meetings. These discussions will focus on the imminent amendments to the GSP. Your attendance and input matter to us.



Take A Virtual Tour

Join us in our new immersive virtual tour as we explore Rosedale-Rio Bravo Water Storage District’s groundwater banking facilities!

[Dive in!](#)

Upcoming Board Meeting:

Tuesday, March 12, at 8:00 AM at the RRBWSD office.

Upcoming Stakeholder Meeting:

Tuesday, March 26, at 9:00 AM at the RRBWSD office and via Zoom.

**MAR
12
2024**

BOARD OF
DIRECTORS
MEETING

8:00 AM

**MAR
26
2024**

RRBWS D GSA
STAKEHOLDER
ADVISORY
MEETING

9:00 AM



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You are receiving this email because you opted in via our website.

Our mailing address is:
Rosedale–Rio Bravo Water Storage District 849 Allen Rd Bakersfield, CA
93314–9402 USA

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Rosedale Recap!

Sent 2/16/24 11:57AM

Overview

100 Recipients

Audience: Rosedale-Rio Bravo Water Storage District

Delivered: Fri, Feb 16, 2024 11:57 AM

Subject: The Rosedale Recap!

<p>72 Opened</p>	<p>8 Clicked</p>	<p>0 Bounced</p>	<p>0 Unsubscribed</p>
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Successful deliveries	100 100.0%	Clicks per unique opens	11.1%
Total opens	153	Total clicks	14
Last opened	3/1/24 4:29AM	Last clicked	2/27/24 2:45PM
Forwarded	0	Abuse reports	0

TO: Rosedale-Rio Bravo Water Storage District Board of Directors
Agenda Item 6c.

FROM: Dan Bartel

DATE: March 12, 2024

RE: Technical Services – AECOM and GEI

Discussion

Per section 8.2 of the District’s Groundwater Management Plan the District is to prepare an annual operations report which may include:

- Groundwater Level Hydrographs
- Status of Banking Programs
- Review of Groundwater Quality data
- Discussion of Historical trends
- Annual recharge operations
- Water Balance
- Results of Modeling
- Progress towards meeting BMO’s

AECOM has provided the District with assistance in completing this effort for several years. In addition, they assist with annual assessment role preparation.

GEI also assists the District from time to time on various technical matters such as grant applications, figures, and analysis.

Recommendation

Staff recommends executing a consulting agreement with AECOM and GEI for an amount not to exceed \$25,000 each.

TO: Rosedale-Rio Bravo Water Storage District Board of Directors
Agenda Item 7.a.i

FROM: Dan W. Bartel

DATE: March 12, 2024

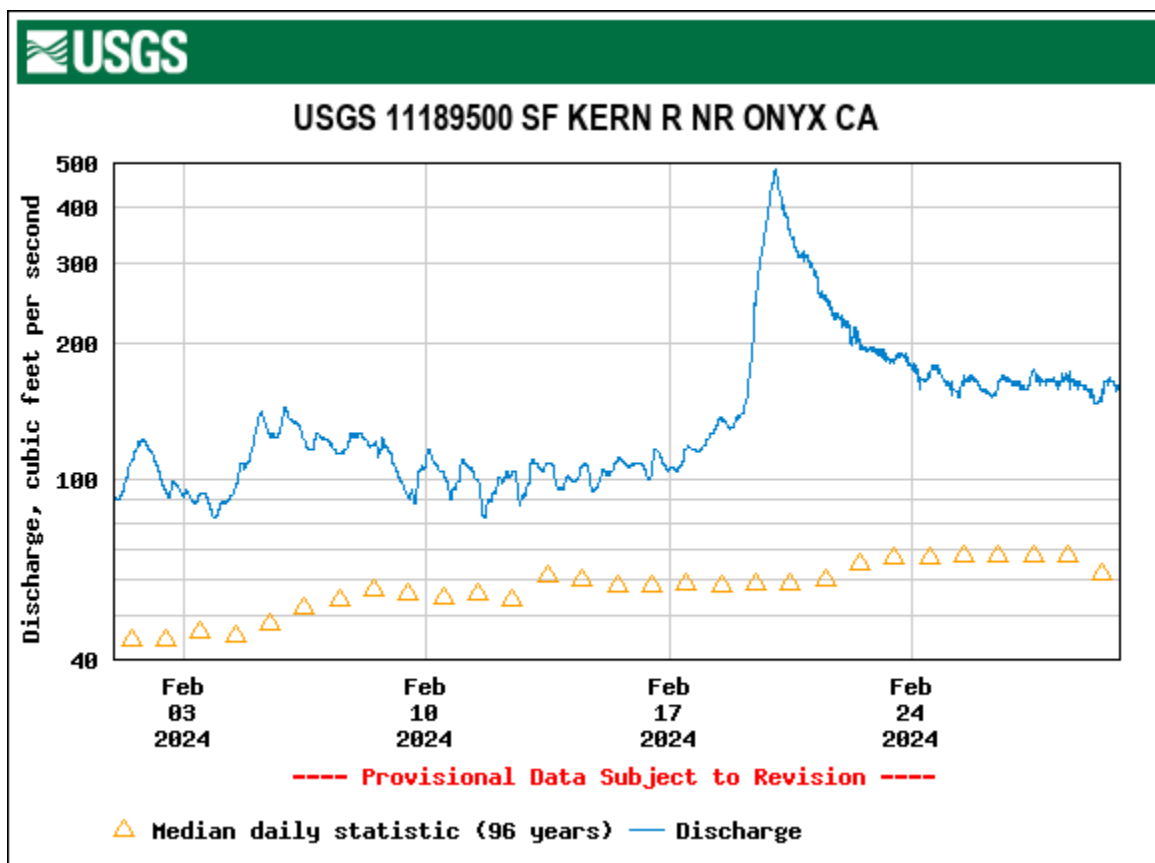
RE: Onyx Ranch Operations Report

Discussion:

Staff has:

- Continued operation of conveyance facilities
- Irrigation activities were off in February due to precipitation.
- USGS did not verify the South Fork station in February.
- Staff stream gaged and calculated accretions 3 times during the month.
- Staff completed ditch cleaning activities on the Boone, Nicoll, and Mack ditches.
- Staff ordered the new shop building after receiving three bids. To be delivered in May.
- Staff is preparing slab design and will place with District forces.
- Staff participated in community event.

South Fork flows downstream of Bloomfield averaged 145 cfs plus calculated accretions of 12 cfs, for a total average flow of about 157 cfs.









South Fork Kern River Monthly Measurement Report

February-2024

Daily values in SFD = Second Foot Days, Monthly total in AF = Acre-Feet

Date	South Fork				D.Prince (4,5,17,20-22,37)			Hafenfeld (5)			RRBWSO (1,3,6,7,12, Wirth1, 30,33, Boone,1/3 Smith)				J.Nicoll (3)	Audubon (4,5,9,Wirth1,17,18) (20-22,Wirth2,27,29,37)		Smith (2/3 Smith)	Total Diverted	South Fork			RRBWSO to Isabella		Simulated Per Project Parameters	
	Mean Flow	USGS - Onyx @ 0500	Accretions	Doyle Ranch Road	Mill/Hillside	Miller	Prince	Miller	Landers	Cottonwood	Scodie/Mack	Landers	Nicoll	Redirected "Gross Project Water"	Nicoll	Cottonwood	Nicoll	Smith		Sierra Way "Flow"	Patterson "Flow"	"Net Project Water"	Redirected "Gross Project Water"	"Net Project Water"		
1	107	92	19															0	Yes	Yes	0	0.0	0			
2	101	109	19															0	Yes	Yes	0	0.0	0			
3	90	91	19	107														0	Yes	Yes	0	0.0	0			
4	98	88	19															0	Yes	Yes	0	0.0	0			
5	131	138	16															0	Yes	Yes	0	0.0	0			
6	126	134	16															0	Yes	Yes	0	0.0	0			
7	120	121	16															0	Yes	Yes	0	0.0	0			
8	120	124	16															0	Yes	Yes	0	0.0	0			
9	99	101	16															0	Yes	Yes	0	0.0	0			
10	103	110	16	115											4.5		5	5	Yes	Yes	0	0.0	0			
11	98	106	16												4.0		4	4	Yes	Yes	0	0.0	0			
12	98	98	9												4.0		4	4	Yes	Yes	0	0.0	0			
13	104	107	8												4.0		4	4	Yes	Yes	0	0.0	0			
14	101	100	8												4.0		4	4	Yes	Yes	0	0.0	0			
15	106	104	8												4.0		4	4	Yes	Yes	0	0.0	0			
16	108	108	8												4.0		4	4	Yes	Yes	0	0.0	0			
17	112	105	8												4.0		4	4	Yes	Yes	0	0.0	0			
18	130	127	8	NM											4.0		4	4	Yes	Yes	0	0.0	0			
19	257	147	8												4.0		4	4	Yes	Yes	0	0.0	0			
20	369	427	8												3.0		3	3	Yes	Yes	0	0.0	0			
21	257	289	8												3.0		3	3	Yes	Yes	0	0.0	0			
22	204	219	8												3.0		3	3	Yes	Yes	0	0.0	0			
23	186	192	8												5.5		6	6	Yes	Yes	0	0.0	0			
24	171	159	8	163											5.5		6	6	Yes	Yes	0	0.0	0			
25	162	159	8												5.0		5	5	Yes	Yes	0	0.0	0			
26	161	156	9												5.0		5	5	Yes	Yes	0	0.0	0			
27	165	162	8												5.0		5	5	Yes	Yes	0	0.0	0			
28	165	162	8												5.0		5	5	Yes	Yes	0	0.0	0			
29	158	165	8												4.5		5	5	Yes	Yes	0	0.0	0			
SFD	4,206	4,200	334		0	0	0	0	0	0	0	0	0	0	85	0	0	85	0	0	0	0	0			
AF	8,343	8,331	663		0	0	0	0	0	0	0	0	0	0	169	0	0	169	0	0	0	0	0			
		145	12			0			0					0		169	#DIV/0!	3			0.0					

Note: Cottonwood via the Landers
 Redirected Historic Irrigation Demand Limit = 23
 Irrigation off 2/1-2/29 due to precipitation
 Bold ## on USGS denotes USGS gage verification
 Numbers under Patterson Lane signifies RRB Staff flowtracking
 USGS-Onyx = USGS Sfork at 0500

KERN RIVER BASIN SNOW SENSOR FORECAST MODEL

Readings of Water Content
are in Inches.....

DATE: 04-Mar 2024

Previous Year April-July inflow
to Isabella Reservoir =
358 % of Average

SNOW SENSOR SITE

	Upper Tyndall Creek	Crabtree Meadow	Chagoopa Plateau	Pascoe	Wet Meadow	Tunnel Guard	Casa Vieja	Beach Meadow	Eight Sensor Index
Elevation (feet)	11,400	10,700	10,300	9,150	8,950	8,900	8,300	7,650	--
Actual Water Content This Date	17.3	11.0	19.4	20.4	24.8	8.5	17.8	8.4	15.9
Normal Water Content This Date	25.3	18.1	19.9	22.7	27.6	14.2	20.4	10.7	20.0
% of Normal Water Content This Date	68%	61%	98%	90%	90%	60%	87%	79%	78%
April 1 Average Water Content	27.7	19.8	21.8	24.9	30.3	15.6	20.9	11.0	21.6
% of April 1 Average Water Content	62%	56%	89%	82%	82%	54%	85%	76%	73%

1)	3-Gage Precipitation Index For this Date	=	<u>46.37 inches</u>
	3-Gage Precipitation Index Normal For this Date	=	<u>45.19 inches</u>
	3-Gage Precipitation Index in % of Normal	=	<u>103%</u>
2)	Estimated 2024 April-July Inflow to Isabella Reservoir	=	<u>444,501 acre-feet</u>
3)	Estimated 2024 April-July Runoff in % of Average	=	<u>100%</u>

- 1) 3-Gage precipitation index = October 1 to date cumulative rainfall totals for Glennville, Pascoe & Isabella Dam
- 2) Assumes median snowpack accumulation subsequent to date of estimate
- 3) April-July average inflow to Isabella Reservoir = 446,300 acre-feet

TO: Rosedale-Rio Bravo Water Storage District Board of Directors
Agenda Item 7.b.i.

FROM: Dan Bartel, Markus Nygren

DATE: March 12, 2024

RE: Improvement Projects

Discussion:

Bowling and McCaslin Recovery Well Project

Background:

Three additional recovery wells to be drilled and completed, two at the McCaslin Recharge site, and one well at the Bowling Recharge site in East Superior. The District is receiving two million dollars as part of the WaterSMART Drought Resiliency 2020 award to help supplement the costs.

Progress:

-Conductors were set at McCaslin 1,2, and the Bowling well on 2/15/2024 to a depth of 50 ft. Conductor casing (36") was placed in the hole and concrete slurry was poured to set the conductor in place. Kern County EHD was present to approve the setting of all 3 conductors.

-McCaslin 2 (18") pilot hole was drilled to 800 ft. and logged on 2/25/24

-Bowling well pilot hole was drilled to 710 ft. and logged on 2/23/24

-Two additional wells on the Bowling job site was properly abandoned per the county's regulations.

-McCaslin 2 zone sampling was determined after observing the E-log, the 4 zones are as follows:

- 760'-780' (completed and samples collected 02/28)
- 705'-725' (completed and samples collected 03/01)
- 620'-640' (completed and samples collected 03/06)
- 540'-560' (target completion 03/07-03/08)

-Bowling well design complete 03/01 (see below)

-Bowling well reaming and construction to begin week of 03/11 – 03/15

Recommendation:

1. Approve Pay Estimate No. 1 of \$292,166.80 to BWP and hold a retention of \$15,377.20.



Figure 1: Drilling of initial conductor hole approx. 40" diameter



Figure 2: Setting of conductor (36") at McCaslin 2

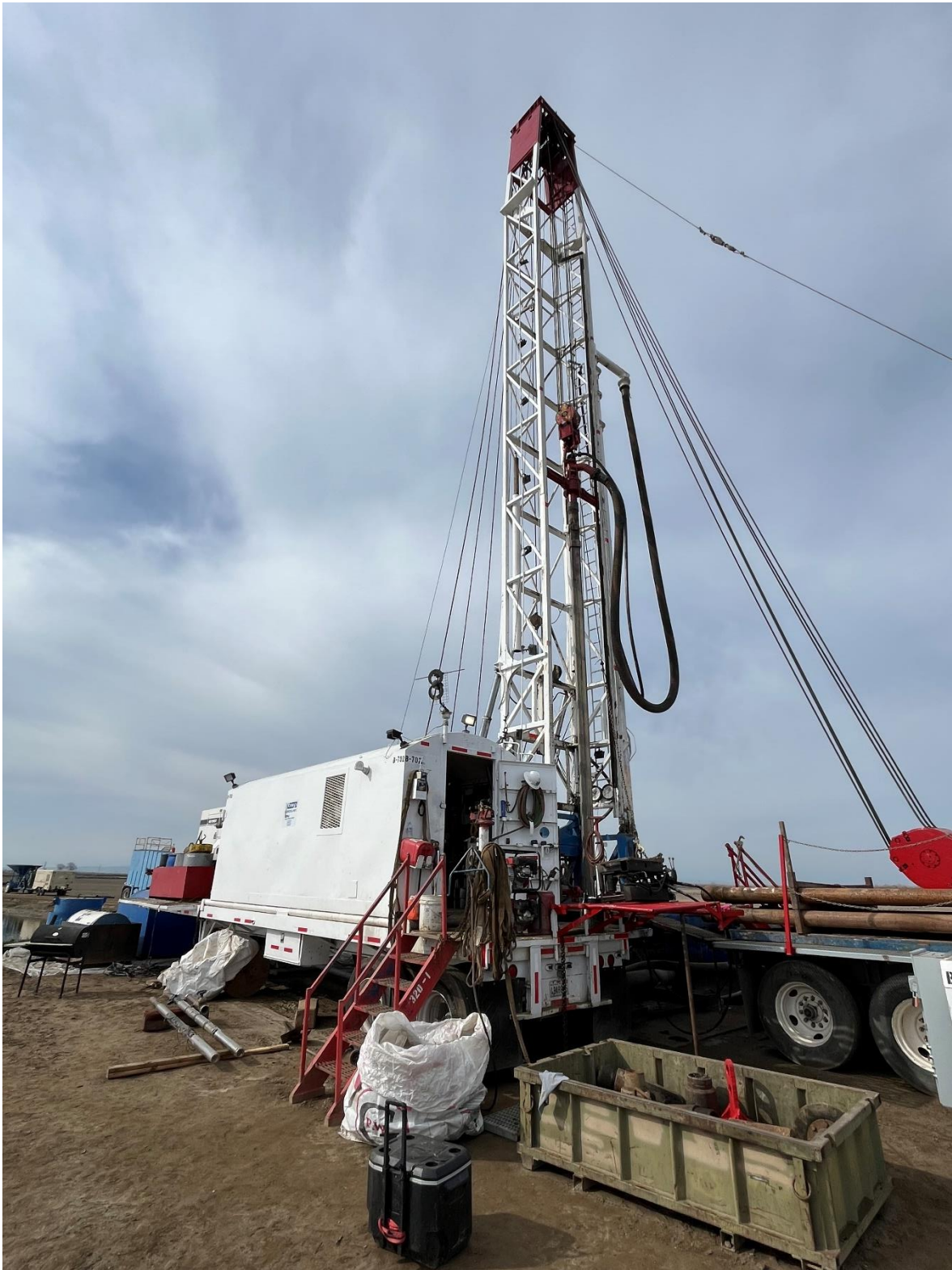


Figure 3: Drilling of pilot hole 18" at McCaslin 2 (800' total depth)

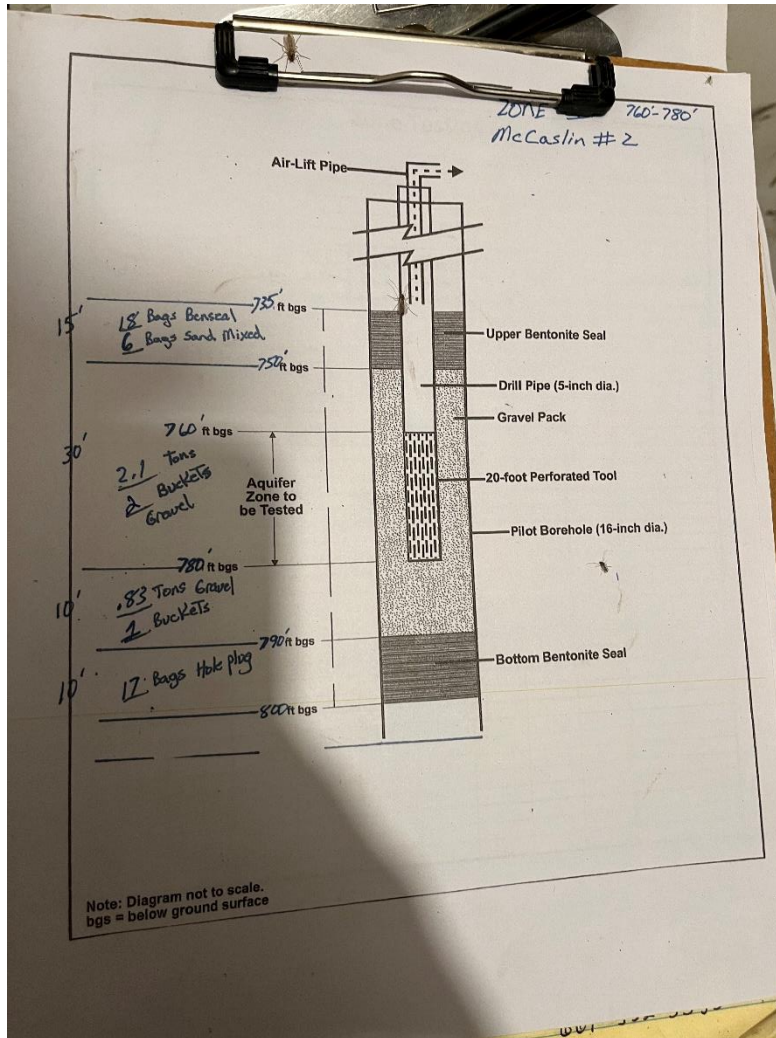


Figure 4: Example of zone sampling. Certain depths are sealed off, pumped on, and tested for water quality



Bakersfield Well & Pump Co.
7212 Fruitvale Avenue
Bakersfield, CA 93308

To: Rosedale-Rio Bravo Water Storage District
849 Allen Rd.
Bakersfield, CA 93314
Attn: Markus Nygren
Ph: 661-589-6045

Progress Billing #1
Billing Date 2-29-2024
JOB # 23640
PO #

INVOICE

Job Description: Drill 20" x 790' Well# MC-1 & MC-2, 710' Well# B1 - Equip 350 HP Pumps @ Enos Ln & Brimhall Rd

Item #	Bid Item Description	Qty	Units	Unit Bid Price	Qty This Period	Period Total	Qty to Date	Total to Date
1	Mobilization	1	LS	\$ 25,000.00	1	\$ 25,000.00	1	\$ 25,000.00
2	Demobilization	1	LS	\$ 25,000.00	0	\$ -	0	\$ -
3	Develop and Provide Water Supply	1	LS	\$ 5,000.00	1	\$ 5,000.00	1	\$ 5,000.00
4	Environmental Compliance and Permitting Prepare, Maintain and Restore Access	1	LS	\$ 2,500.00	0.5	\$ 1,250.00	0.5	\$ 1,250.00
5	Prepare, Maintain and Restore Access Routes	1	LS	\$ 2,500.00	0.5	\$ 1,250.00	0.5	\$ 1,250.00

(A-1) General					\$ 32,500.00	\$ 32,500.00
----------------------	--	--	--	--	---------------------	---------------------

McCaslin / Bowling - New Wells (MC-1)

6	Well Move-In, Move-Out, and Clean-up	1	Ea	\$ 25,000.00	0	\$ -	0	\$ -
7	Drill Hole to 42-inch min. Diameter for Conductor Pipe	50	LF	\$ 200.00	50	\$ 10,000.00	50	\$ 10,000.00
8	Furnish, Install and Grout 36-inch Diameter Conductor Pipe	50	LF	\$ 300.00	50	\$ 15,000.00	50	\$ 15,000.00
9	Drill Pilot Hole to 18-inch max. Diameter	740	LF	\$ 80.00	0	\$ -	0	\$ -
10	Perform E-log of Well	1	Ea	\$ 6,122.00	0	\$ -	0	\$ -
11	Perform Caliper Log of Well	1	Ea	\$ 1,850.00	0	\$ -	0	\$ -
12	Ream Pilot Hole to 32-inch min. Diameter (for 20" casing)	740	LF	\$ 80.00	0	\$ -	0	\$ -
13	Furnish and Install 20-inch Diameter HSLA - Corten Unperforated Well Casing	425	LF	\$ 300.00	0	\$ -	0	\$ -
14	Furnish and Install 20-inch Diameter HSLA - Corten Perforated Well Casing, Roscoe Moss Fulflo, 0.090"	345	LF	\$ 434.00	0	\$ -	0	\$ -
15	Furnish and Install Gravel Envelope	680	LF	\$ 50.00	0	\$ -	0	\$ -
16	Placement of Cement Grout Annular Seal	100	LF	\$ 70.00	0	\$ -	0	\$ -
17	Furnish and Install 3" Gravel Tube	115	LF	\$ 26.00	0	\$ -	0	\$ -
18	Furnish and Install 3" Air Vent Pipe	5	LF	\$ 100.00	0	\$ -	0	\$ -
19	Furnish and Install 3" Sounding Tube/Camera Port	538	LF	\$ 55.00	0	\$ -	0	\$ -
20	Swab and Airlift Well	48	Hrs	\$ 350.00	0	\$ -	0	\$ -
21	Develop Well - Pumping and Surging	60	Hrs	\$ 300.00	0	\$ -	0	\$ -
22	Test Pump of Well - Step-Drawdown and Continuous	36	Hrs	\$ 300.00	0	\$ -	0	\$ -
23	Video Log of Well	1	Ea	\$ 1,679.00	0	\$ -	0	\$ -
24	Alignment/Deviation Survey	1	Ea	\$ 2,000.00	0	\$ -	0	\$ -
25	Gyroscopic Survey	1	Ea	\$ 2,000.00	0	\$ -	0	\$ -
26	Dynamic Flow Meter Survey	1	Ea	\$ 4,222.00	0	\$ -	0	\$ -
27	Chemical Development	345	LF	\$ 5.00	0	\$ -	0	\$ -
28	Well Disinfection and Capping	1	Ea	\$ 1,000.00	0	\$ -	0	\$ -

Single Well Subtotal	\$ 25,000.00	\$ 25,000.00
-----------------------------	---------------------	---------------------

McCaslin / Bowling - New Wells (MC-2)

6	Well Move-In, Move-Out, and Clean-up	1	Ea	\$ 25,000.00	0.5	\$ 12,500.00	0.5	\$ 12,500.00
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Bakersfield Well & Pump Co.
7212 Fruitvale Avenue
Bakersfield, CA 93308

Item #	Bid Item Description	Qty	Units	Unit Bid Price	Qty This Period	Period Total	Qty to Date	Total to Date
7	Drill Hole to 42-inch min. Diameter for Conductor Pipe	50	LF	\$ 200.00	50	\$ 10,000.00	50	\$ 10,000.00
8	Furnish, Install and Grout 36-inch Diameter Conductor Pipe	50	LF	\$ 300.00	50	\$ 15,000.00	50	\$ 15,000.00
9	Drill Pilot Hole to 18-inch max. Diameter	740	LF	\$ 80.00	750	\$ 60,000.00	750	\$ 60,000.00
10	Perform E-log of Well	1	Ea	\$ 6,122.00	1	\$ 6,122.00	1	\$ 6,122.00
11	Perform Caliper Log of Well	1	Ea	\$ 1,850.00	0	\$ -	0	\$ -
12	Ream Pilot Hole to 32-inch min. Diameter (for 20" casing)	740	LF	\$ 80.00	0	\$ -	0	\$ -
13	Furnish and Install 20-inch Diameter HSLA – Corten Unperforated Well Casing	425	LF	\$ 300.00	0	\$ -	0	\$ -
14	Furnish and Install 20-inch Diameter HSLA – Corten Perforated Well Casing, Roscoe Moss Fullflo, 0.090" 1	345	LF	\$ 434.00	0	\$ -	0	\$ -
15	Furnish and Install Gravel Envelope	680	LF	\$ 50.00	0	\$ -	0	\$ -
16	Placement of Cement Grout Annular Seal	100	LF	\$ 70.00	0	\$ -	0	\$ -
17	Furnish and Install 3" Gravel Tube	115	LF	\$ 26.00	0	\$ -	0	\$ -
18	Furnish and Install 3" Air Vent Pipe	5	LF	\$ 100.00	0	\$ -	0	\$ -
19	Furnish and Install 3" Sounding Tube/Camera Port	538	LF	\$ 55.00	0	\$ -	0	\$ -
20	Swab and Airlift Well	48	Hrs	\$ 350.00	0	\$ -	0	\$ -
21	Develop Well – Pumping and Surging	60	Hrs	\$ 300.00	0	\$ -	0	\$ -
22	Test Pump of Well – Step-Drawdown and Continuous	36	Hrs	\$ 300.00	0	\$ -	0	\$ -
23	Video Log of Well	1	Ea	\$ 1,679.00	0	\$ -	0	\$ -
24	Alignment/Deviation Survey	1	Ea	\$ 2,000.00	0	\$ -	0	\$ -
25	Gyroscopic Survey	1	Ea	\$ 2,000.00	0	\$ -	0	\$ -
26	Dynamic Flow Meter Survey	1	Ea	\$ 4,222.00	0	\$ -	0	\$ -
27	Chemical Development	345	LF	\$ 5.00	0	\$ -	0	\$ -
28	Well Disinfection and Capping	1	Ea	\$ 1,000.00	0	\$ -	0	\$ -
Single Well Subtotal						\$ 103,622.00		\$ 103,622.00
29	Zone Testing for One Well - Per Zone (Up to 4 Total - See Item Description)	4	Ea	\$ 15,000.00	2	\$ 30,000.00	2	\$ 30,000.00
Sub-1 "Two Well Subtotal" plus the cost of the Item						\$ 133,622.00		\$ 133,622.00
McCaslin / Bowling - New Well (B1)								
30	Well Move-In, Move-Out, and Clean-up	1	Ea	\$ 25,000.00	0.5	\$ 12,500.00	0.5	\$ 12,500.00
31	Drill Hole to 42-inch min. Diameter for Conductor Pipe	50	LF	\$ 200.00	50	\$ 10,000.00	50	\$ 10,000.00
32	Furnish, Install and Grout 36-inch Diameter Conductor Pipe	50	LF	\$ 300.00	50	\$ 15,000.00	50	\$ 15,000.00
33	Drill Pilot Hole to 18-inch max. Diameter	660	LF	\$ 80.00	660	\$ 52,800.00	660	\$ 52,800.00
34	Perform E-log of Well	1	Ea	\$ 6,122.00	1	\$ 6,122.00	1	\$ 6,122.00
35	Perform Caliper Log of Well	1	Ea	\$ 1,850.00	0	\$ -	0	\$ -
36	Ream Pilot Hole to 32-inch min. Diameter (for 20" casing)	660	LF	\$ 80.00	0	\$ -	0	\$ -
37	Furnish and Install 20-inch Diameter HSLA – Corten Unperforated Well Casing	430	LF	\$ 300.00	0	\$ -	0	\$ -
38	Furnish and Install 20-inch Diameter HSLA – Corten Perforated Well Casing, Roscoe Moss Fullflo, 0.080" 2	260	LF	\$ 434.00	0	\$ -	0	\$ -

Bakersfield Well & Pump Co.
7212 Fruitvale Avenue
Bakersfield, CA 93308

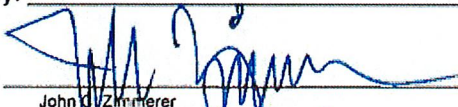
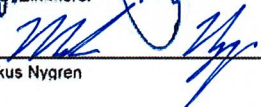
Item #	Bid Item Description	Qty	Units	Unit Bid Price	Qty This Period	Period Total	Qty to Date	Total to Date
39	Furnish and Install Gravel Envelope	410	LF	\$ 50.00	0	\$ -	0	\$ -
40	Placement of Cement Grout Annular Seal	300	LF	\$ 70.00	0	\$ -	0	\$ -
41	Furnish and Install 3" Gravel Tube	315	LF	\$ 26.00	0	\$ -	0	\$ -
42	Furnish and Install 3" Air Vent Pipe	5	LF	\$ 100.00	0	\$ -	0	\$ -
43	Furnish and Install 3" Sounding Tube/Camera Port	600	LF	\$ 55.00	0	\$ -	0	\$ -
44	Swab and Airlift Well	48	Hrs	\$ 350.00	0	\$ -	0	\$ -
45	Develop Well - Pumping and Surging	60	Hrs	\$ 300.00	0	\$ -	0	\$ -
46	Test Pump of Well - Step-Drawdown and Continuous	36	Hrs	\$ 300.00	0	\$ -	0	\$ -
47	Video Log of Well	1	Ea	\$ 1,679.00	0	\$ -	0	\$ -
48	Alignment/Deviation Survey	1	Ea	\$ 2,000.00	0	\$ -	0	\$ -
49	Gyroscopic Survey	1	Ea	\$ 2,000.00	0	\$ -	0	\$ -
50	Dynamic Flow Meter Survey	1	Ea	\$ 4,222.00	0	\$ -	0	\$ -
51	Chemical Development	260	LF	\$ 5.00	0	\$ -	0	\$ -
52	Well Disinfection and Capping	1	Ea	\$ 1,000.00	0	\$ -	0	\$ -
Sub-2	Single Well (B1) Subtotal plus the cost of item					\$ 96,422.00		\$ 96,422.00
53	Existing Well Abandonment	400	LF	\$ 50.00	400	\$ 20,000.00	400	\$ 20,000.00
Sub-2	Single Well (B1) Subtotal plus the cost of item					\$ 116,422.00		\$ 116,422.00
Total Amount For Schedule "A-1" (Base Contract)								

Optional Items and Add/Deducts (Not Included In Bid Totals)								
Item #	Bid Item Description	Qty	Units	Unit Bid Price	Qty This Period	Period Total	Qty to Date	Total to Date
53	Furnish and Install 20" Diameter Well Compression Section	1	Ea	\$ 14,582.00	0	\$ -	0	\$ -
54	Well Borehole Abandonment		LF	\$ 12,750.00	0	\$ -	0	\$ -
55	Idle Time (for additional hours not included in the bid per the specifications)		Hrs	\$ 350.00	0	\$ -	0	\$ -
56	12'x12' Pedestal-Style Concrete Pump Foundation	3	Ea	\$ 7,500.00	0	\$ -	0	\$ -
57	Furnish and Install 350 HP Well Pumping Unit With Electric Motor	3	Ea	\$ 42,794.00	0	\$ -	0	\$ -
58	Furnish and Install 12-Inch Steel Column Tube and Shaft	1620	LF	\$ 190.00	0	\$ -	0	\$ -
59	Furnish and Install Vertical Turbine Pumping Unit	3	Ea	\$ 63,654.00	0	\$ -	0	\$ -
60	Furnish and Install Suction Extension	3	Ea	\$ 1,500.00	0	\$ -	0	\$ -

Bakersfield Well & Pump Co.
 7212 Fruitvale Avenue
 Bakersfield, CA 93308

Item #	Bid Item Description	Qty	Units	Unit Bid Price	Qty This Period	Period Total	Qty to Date	Total to Date
61	Furnish and Install 12-Inch Steel Discharge Piping Assembly, Complete With Valves, Flowmeter, Airvents, Couplings, & All Other Appurtenances at Well Site (Details A-19 and B-19)	3	Ea	\$ 27,405.00	0	\$ -	0	\$ -
62	Furnish and Install Panel Shade Structure	3	Ea	\$ 8,500.00	0	\$ -	0	\$ -
63	Furnish and Install Panel Security Structure	3	Ea	\$ 1,500.00	0	\$ -	0	\$ -
64	Furnish and Install Well Enclosure - Painted by BWP	3	Ea	\$ 25,972.00	0	\$ -	0	\$ -
65	Furnish and Install Electrical Service (via Pad Mount Transformer), Metering Panel, VFD Control Panel, Instrumentation & Monitoring Panel, All Wiring & Controls, and All Other Electrical Appurtenances at Well Site	3	Ea	\$ 256,000.00	0	\$ -	0	\$ -
66	Security Pole & Light (Detail C-33)	1	Ea	\$ 5,000.00	0	\$ -	0	\$ -
Sub-3 - New Wells Equipping Subtotal						\$ -		\$ -

TOTALS **\$ 307,544.00** **\$ 307,544.00**

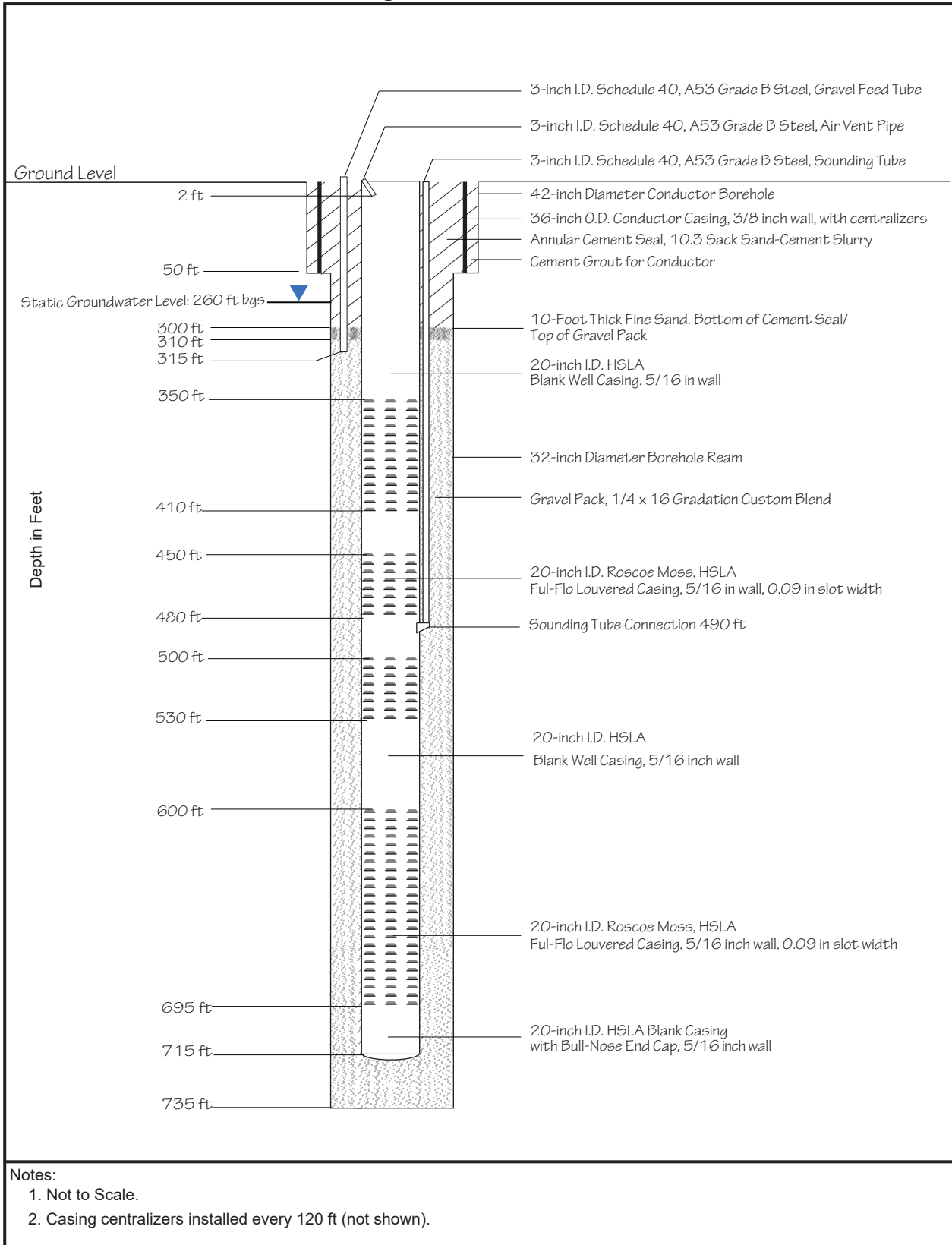
Prepared By: _____ Date _____
 Signed By:  _____ Date 2-29-24
 Approved By:  _____ Date 03/07/2024

	Total To Date
Amount Earned	\$ 307,544.00
Amount Retained @ 5%	\$ (15,377.20)
Previous Billing(s)	
Total Due	\$ 292,166.80

**Recommended Casing, Screen, and Filter Pack Design
Bowling Well 1**

Rosedale-Rio Bravo Water Storage District

March 2024





DEE JASPAR & ASSOCIATES, INC.
CONSULTING CIVIL ENGINEERS
2730 UNICORN ROAD, BLDG A
BAKERSFIELD, CA 93308
PHONE (661) 393-4796
FAX (661) 393-4799

March 1, 2024

Dan Bartel
c/o Groundwater Banking Joint Powers Authority (GBJPA)
849 Allen Road
Bakersfield, CA 93314

Re: West Enos Recharge Facilities Emergency Project
Weekly Report (Week 3)

Mr. Bartel,

This serves as a project update for Week 3 of the West Enos Recharge Facilities Emergency Project.

Project Status as of:	3-1-24	Contract Totals	
Notice to Proceed ¹ :	2-9-24	Contract Amount:	\$1,148,849.53
Contract Duration:	150	Change Orders:	-
Completion Date:	7-8-24	Revised Amount:	-
Elapsed Days:	21	Work Completed:	-
Remaining Days:	128	% Completed:	14.0%
Change Order – Days:	-		

¹Notice to Proceed was set for January 22, 2024, however the District delayed the start to make sure all provisions of the grant agreement were being followed. Lonnie Cross started work on February 9th after the biological clearances and training.

Lonnie Cross Land Leveling is currently the only contractor on-site. Allstate Boring has delivered the 48-inch diameter steel casing material to the job site – approximately twelve (12) forty-foot joints.

Lonnie Cross Land Leveling is working at the northwest corner of the project site in an effort to complete the levee embankments around Basin 4. They have the levee embankments to rough grade and are very close to finishing the last fill in the northwest corner of the basin and fine grading levees.

Lonnie Cross Land Leveling also completed over-excavating 12-inches below and 5-feet beyond the toe of the levee embankments for the westerly, northerly, and southeasterly levees of Basin 3. They continued excavating the 4-foot deep keyway for the northerly levee of Basin 3, the width of a tractor and scraper, and scarified the bottom of the keyway. They continued placing fill material in the keyway on the northerly levee and compacted the material in shallow

lifts working back up to the approximate original ground surface in portions of the keyway. A portion of the westerly levee embankment for Basin 3 is close to rough grade.

They also began clearing and grubbing Basin 2 and started the over-excitation and keyway excavation beneath the northerly levee embankment in Basin 2.

Soils Engineering, Inc. (SEI) was on-site daily this week performing compaction testing of the keyway section and levee embankment. All compaction testing met the minimum required compaction and passed.

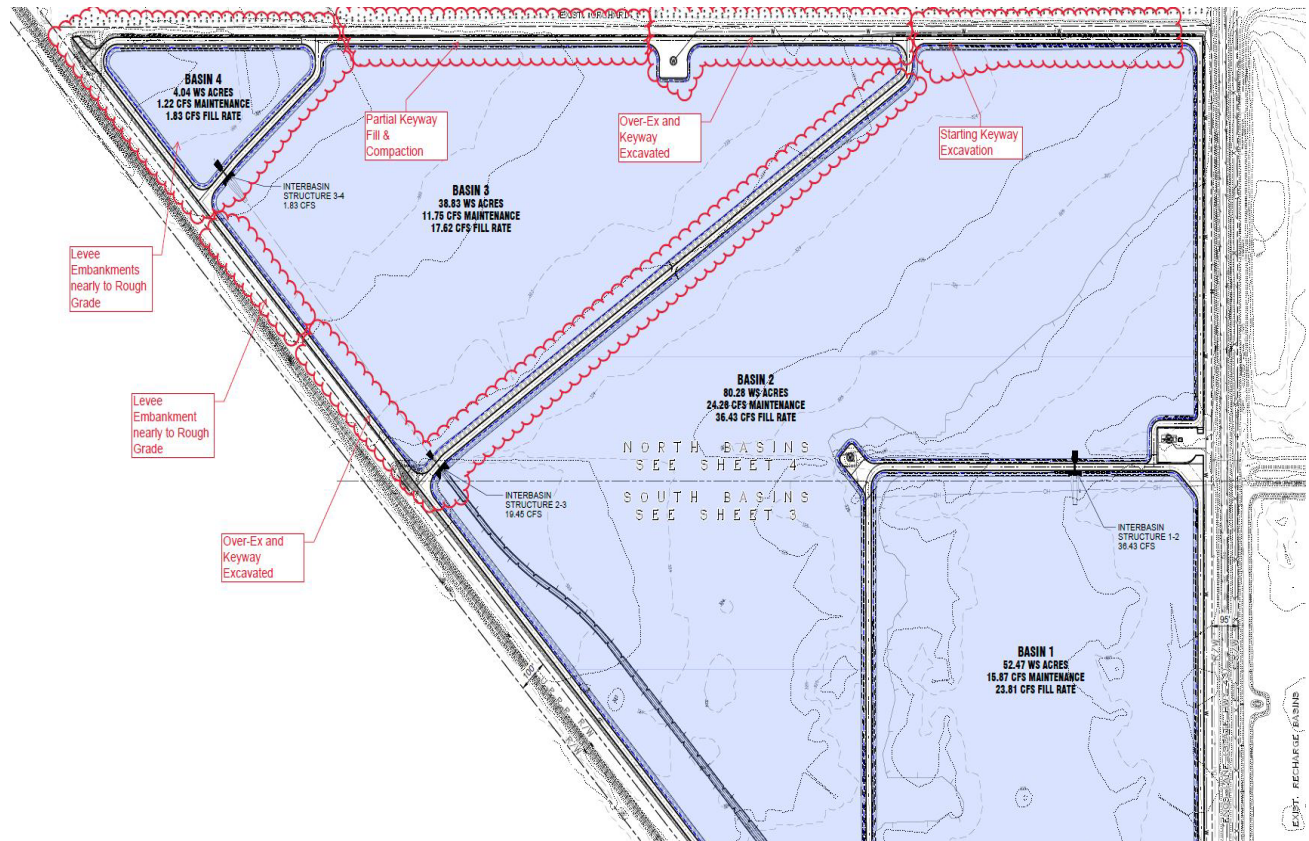


Figure 1: Map of Project Progress

Sincerely,

Curtis Skaggs

Curtis M. Skaggs, P.E.

Pictures (2-26-24 thru 3-1-24)



Clearing and Grubbing in Basin 2



Excavating Keyway for North Levee of Basin 2



Over-Excavation beneath Levee Embankment between Basin 2 and Basin 3



Scarifying and Compacting Keyway in Southeasterly Levee of Basin 3



Compaction Testing



Placement of Fill on Westerly Levee of Basin 3



Filling and Fine Grading Levee Embankment in Basin 4



North Levee for Basin 4



Filling and Compacting on Keyway and Levee in Northwest Corner of Basin 4



Filling and Compaction of Levee in Northwest Corner of Basin 4



Filling and Compaction of Basin 4 Levee Embankment



Fine Grading the Slopes and Top of Embankments at Basin 4

DRAFT

Tami McVay
Self-Help Enterprises
P.O. Box 6520
Visalia, CA 93290

Re: Letter of Intent – Proposed Partnership between the Kern County Subbasin and Self-Help Enterprises, for the administration of the Kern County Subbasin Amended Groundwater Sustainability Plan(s) Well Mitigation Program

Dear Tami,

Please let this letter serve as a Letter of Intent (LOI) for interest in partnership between the Kern County Subbasin (“Subbasin”), comprised of the individual Groundwater Sustainability Agencies and Management Areas (“GSA/MA”) and Self Help Enterprises (SHE) for SHE to administer the Subbasin’s Well Mitigation Program (“Program”) as described in the amended Kern County Subbasin Groundwater Sustainability Plan(s), anticipated for submittal and review by the Department of Water Resources and State Water Resources Control Board in May 2024.

This LOI outlines those certain terms and conditions under which the Subbasin would consider under an agreement with SHE to provide Program services for domestic well owners and small community water systems who have lost access to potable water or are experiencing water quality issues caused by declining groundwater levels. This LOI does not contain all the material terms of the proposed transaction and is not intended to, nor does it create a binding agreement. A binding agreement shall occur upon the mutual execution and delivery of a contract services agreement (“Agreement”) which sets forth all terms and conditions related to the Program. Neither Party (Subbasin or SHE) will have any obligation to execute said Agreement.

Upon SHE’s acknowledgment of the LOI, the terms described herein are intended to support negotiations to develop an Agreement and would include the following components:

1. Area of Service.
Kern County Subbasin, including the individual GSAs/MAs (Basin Number 5-22.14, DWR Bulletin 118).
2. SHE services.
 - a. Program Service activities shall be provided to either domestic or small water system wells (“potable wells”) as defined by the State of California.
 - b. Emergency Bottled Water – Upon notice that a well user has lost access to water, SHE distributes 2 weeks’ worth of bottled drinking water to the household within 24 hours providing 1 gallon per capita per day (gpcd).
 - c. Well Assessment – SHE staff conducts an on-site assessment (within 72 hours) which includes review of well reports/documentation, confirming water source, checking for running water/water pressure, assessing well depth and water level, inspecting electrical and above-ground components, inspecting any existing tank systems, identifying locations for new tank system placement, and developing a site map.

- d. Temporary Tanks and Hauled Water – If necessary, SHE arranges for installation of a tank system and routine delivery of hauled potable water to the site (within 72 hours) providing 47 gpcd. Repair and maintenance services are provided to the system until removal.
 - e. Ongoing Bottled Water – SHE coordinates ongoing deliveries of bottled drinking water (1 gpcd) until a long-term solution is in place.
 - f. Long-Term Solutions – SHE finances the well owners’ cost-share (refer to depreciation schedule in 6e) for pump lowering, well replacement, and service connections to nearby water systems (whenever feasible) to restore long-term water access to the home.
3. Program Administration Services. SHE shall serve as the point of contact for receiving and processing claims, coordinating with the appropriate GSA/MA, emergency water services, and public outreach prioritizing campaigns guided towards preclusion of dry well issues.
 4. Program Funding. Program Service costs (“Budgets”) for administration and general overhead shall be funded by the Subbasin and shall be paid annually to SHE at the beginning of each calendar year along with projected Program Service activities expected in each GSA/MA. Funding for the Program shall be reconciled at year-end.
 5. Party Collaboration. Throughout the term of the Program Services, SHE shall provide continuous collaboration with the Subbasin as established herein:
 - a. Coordination with GSAs/MAs to establish cost savings measures, including potable water fill stations, related equipment, and bottled water storage.
 - b. Collaboration with other Subbasin partners involved in related activities such as: Kern River Collaborative, Water Association of Kern County, Purveyors, well drillers, pump companies, and Kern County Environmental Health Department.
 6. Services Coordination. Throughout Program Services Term, SHE shall implement continuous coordination efforts with the Subbasin as established herein:
 - a. Notify the applicable GSA/MA of emergency bottled water and tank and hauled water service requests.
 - b. Coordinate all Claim assessment activities with the applicable GSA/MA.
 - c. Ensure any funded solutions are according to qualification criteria set by the Subbasin.
 - d. Coordinate all domestic groundwater well repair, replacement, and/or connection plans with the applicable GSA/MA. Plan to be offered to well owner within 14 days.
 - e. Utilize the following depreciation schedules to identify costs to be borne by well owner as part of the Claim process:
 - i. 50 years for potable wells; and
 - ii. 15 years for all potable well equipment repair and replacements.
 - f. Facilitate execution of GSA/MA provided release of liability agreements.
 7. Terms. Initial term of arrangement shall be between 2 and 5 years, with the goal of implementation of outreach services beginning January 1, 2025, and anticipated Program Services beginning January 1, 2025. Both Parties agree and acknowledge that should the State declare a drought emergency, implementation dates may be subject to change.

This LOI is an expression of understanding and intention only and, if acknowledged below, will provide guidance for the drafting of the Agreement. If SHE is interested in this proposal and opening negotiations

on an agreement, please have SHE's representative acknowledge that fact by signing this letter below. We look forward to hearing from you.

ACKNOWLEDGMENT: Self-Help Enterprises

Signature

Printed Name

Date

DRAFT

Authorized by:

Derek Yurosek, Director

Arvin GSA	DYurosek@bolthouseproperties.com
	Terry Chicca, Board President
Buena Vista GSA	TChicca@aol.com
	David Halopoff, Assistant General Manager
Cawelo Water District	dhalopoff@cawelwd.org
	Bob Smith, City Councilmember
City of Bakersfield	bobsmith727@icloud.com
	Chad Hathaway, President
Eastside Water Management Area	chathaway@hathawayllc.com
	Jeof Wyrick, President, Chairman
Henry Miller GSA	jwyrick@jgboswell.com
	Dave Beard, ID4 Manager
Improvement District No. 4	dbeard@kcwa.com
	Rodney Palla, Board Chair
Kern Delta Water District	rodney@rpfarms.com
	Jonathan D. Parker, General Manager
Kern Water Bank Authority	JParker@kwb.org
	Skye Grass, General Manager
Kern-Tulare Water District	skye@kern-tulare.com

James L. Nickel, President

Olcese GSA	jlnickel@nflc.net Kevin Andrew, Board President
North Kern Water Storage District	kandrew@illumeag.com Tom McCarthy, General Manager
Pioneer GSA	tmccarthy@kewa.com Dan Bartel, Engineer-Manager
Rosedale-Rio Bravo Water Storage District	dbartel@rbwsd.com Dan Waterhouse, Board President
Semitropic Water Storage District	dan@neuhousefarms.com Randy Bloemhof, Board Member
Shafter-Wasco Irrigation District	randy@supremealmonds.com Randy Bloemhof, Board Member
7th Standard Annex	randy@supremealmonds.com Roland Gross, General Manager/Secretary
Southern San Joaquin Municipal Utility District	roland@ssjmud.org Angelica Martin, Board of Directors Secretary
Tejon-Castac Water District GSA	amartin@tejonranch.com Greg Hammett, General Manager
West Kern Water District	ghammett@wkwd.org Mark Gilkey, General Manager
Westside Water Authority	mgilkey@westsidewa.org Dennis Atkinson, President
Wheeler Ridge-Maricopa GSA	dalaska2019@gmail.com



**KERN COUNTY SUBBASIN
SWRCB TECHNICAL MEETING NO. 6
WELL INVENTORY AND MITIGATION**

6 MARCH 2024

OVERVIEW

- DWR Guidance
- Result of Well Inventory
- Recommended Well Mitigation Program and Partnerships

SUBCOMMITTEE MEMBERS

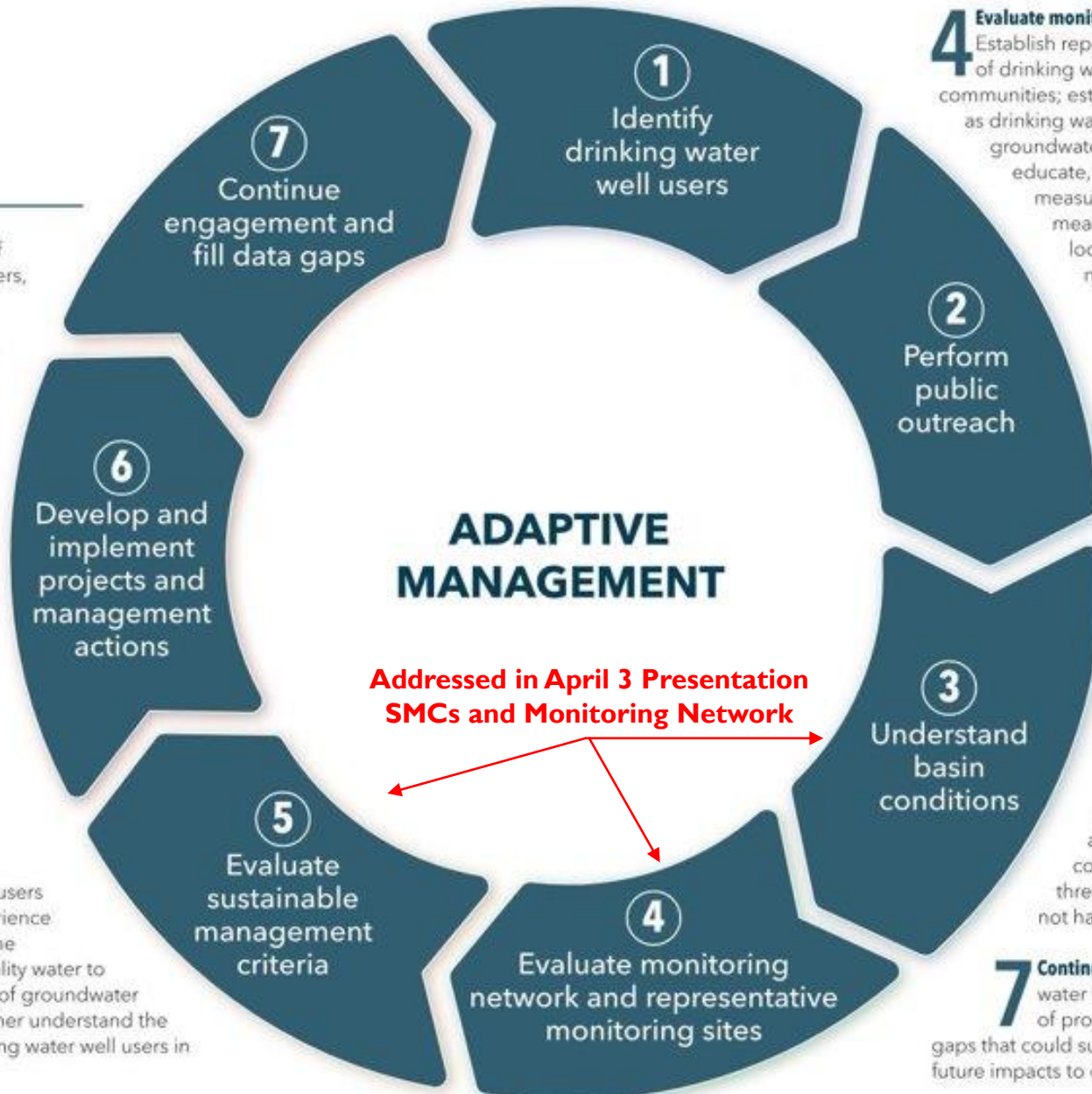
- Dan Bartel, RRBWSD GSA
- Jon Parker, KWBA
- Stephanie Hearn, GEI Consultants

Considering Drinking Water Users Throughout SGMA Implementation

1 Identify drinking water well users: Identify all types of drinking water well users, including de minimis users, domestic wells, state small water systems, small water systems, public and community water systems, and Tribes that rely on groundwater for drinking water; do not exclude known drinking water well users; establish a thorough understanding of the location and construction details of all drinking water wells.

2 Perform public outreach: Direct outreach to drinking water well users with a meaningful approach for how to engage and involve community members and organizations in decision-making; meet the community in suitable locations and at times when community members are available; communicate in the preferred language of drinking water well users; provide materials so community members can engage and understand technical information for a non-technical audience.

3 Understand basin conditions: Conduct well susceptibility or vulnerability analyses for all drinking water well users; do not exclude subsets of drinking water well users in assessing groundwater conditions; analyze the number of drinking water well users and/or percentage of users in the basin that may experience impacts if future water level conditions were to reach the minimum threshold; analyze the potential for poor quality water to affect drinking water well users in the future as a result of groundwater pumping in association with Plan implementation; further understand the basin conditions of the shallow aquifers used by drinking water well users in relation to the entirety of the basin.



4 Evaluate monitoring network and representative monitoring sites: Establish representative monitoring sites near high densities of drinking water well users, DACs, SDACs, or other rural communities; establish representative wells with similar depths as drinking water wells to be able to monitor and measure groundwater levels and conditions for drinking water well users; educate, train, and empower drinking water well owners to measure water levels, report to GSA, and understand the meaning of groundwater levels and conditions at their well locations, including what the minimum threshold is at or near their well's location.

5 Evaluate sustainable management criteria: Establish and revise sustainable management criteria based on analysis of understanding of basin conditions and considering potential impacts to drinking water well users; if minimum thresholds are set below 2015 groundwater levels, consider projects and management actions to address impacts or carefully justify how unaddressed impacts are consistent with the basin's sustainability goal.

6 Develop and implement projects and management actions: Support drinking water well users to have a long-term, reliable water supply with projects and management actions that address impacts; avoid projects and management actions that exclude certain drinking water well users and ensure that the benefits of projects and management actions are not arbitrary or inequitable; coordinate with local well permitting agencies to ensure new drinking water wells are constructed to provide reliable supply under minimum threshold conditions and that new, large supply wells will not have impacts on nearby drinking water wells.

7 Continue engagement and fill data gaps: Engage drinking water well users during Plan updates and implementation of projects and management actions; continue filling data gaps that could support and improve the understanding of current and future impacts to drinking water well users.

WELL INVENTORY PROCESS

1
Identify
drinking water
well users

- Partnered with public agencies to identify wells and use categories
 - Kern County Environmental Health
 - Division of Drinking Water
 - USGS Inventory
 - Kern County Water Agency
 - Cities and Water Purveyors
- Parsed the OSWCR dataset to focus on identifying production wells and cleaning up the Other and Unknown use types
- Reconciled data from each agency's database to identify missing wells
- Defined our data hierarchy to consistently update various fields

DATA HIERARCHY

- Location data from
 - DDW
 - Prioritized well use type, location, and status
 - Kern County EHS
 - Prioritized well use type, location, ignored status
 - OSWCR – GPS /WGS84
 - location
 - USGS
 - Location and well use type
 - OSWCR Derived by TRS or Centroid of Section

1
Identify
drinking water
well users

RESULTS OF WELL INVENTORY

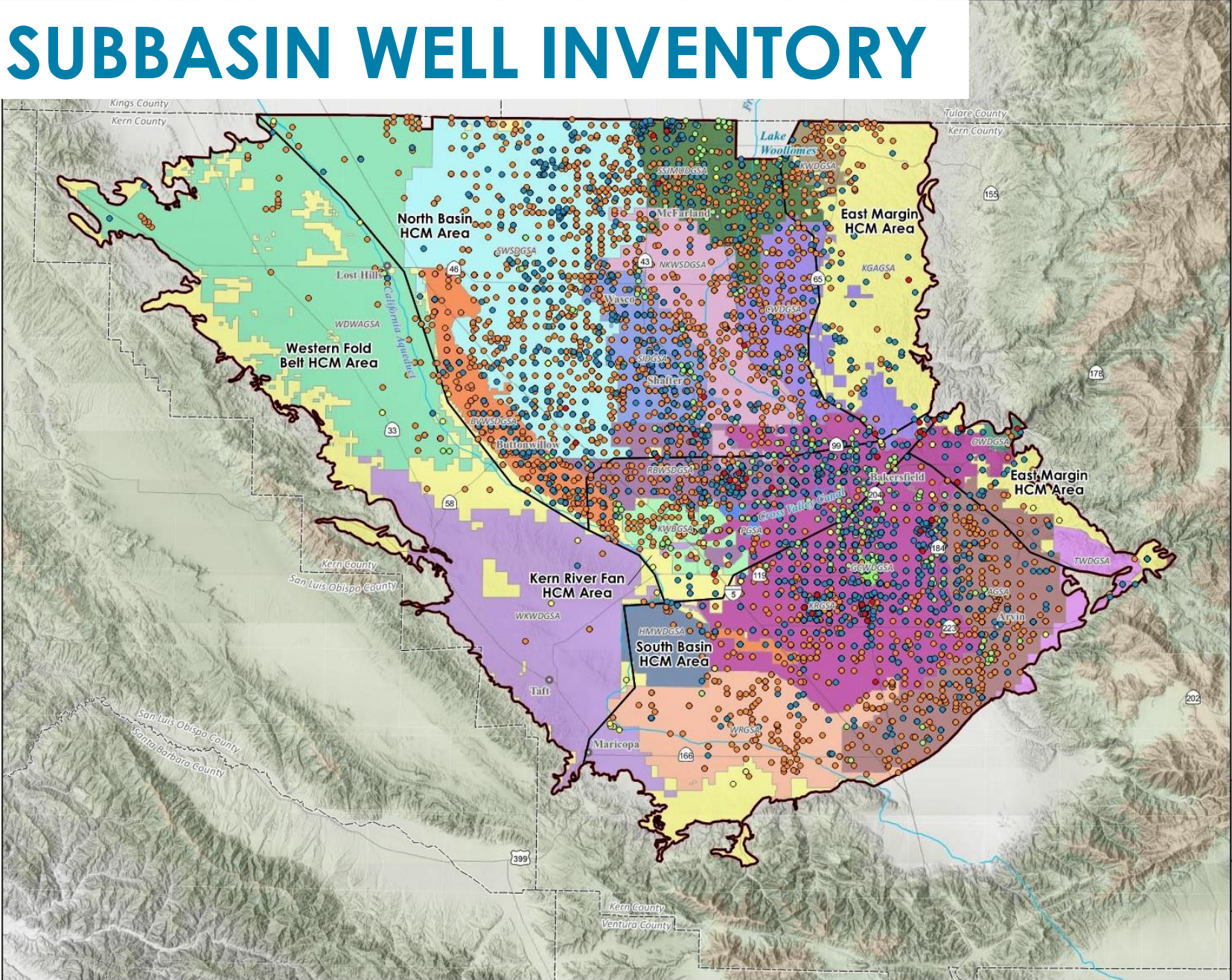


User Type	OSWCR Database	KCEHS Records	USGS Dataset	Kern Subbasin
Agricultural/Irrigation	4,443	3,082	1,286	4,291
Industrial	275	79	62	97
Municipal/Public	245	589	214	298
Small Community	---	433*	---	41
Domestic	2,397	7,350*	2,222	2,500
Other/Unknown	3,677	0	145	0
Total Production Wells	11,037	11,533	4,244	7,227

NOTES

- KCEHS records includes wells outside of Kern Subbasin
- USGS dataset also identified 314 “irrelevant” well types

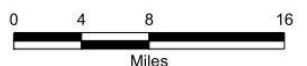
KERN SUBBASIN WELL INVENTORY



- Well Type**
- Agricultural
 - Domestic
 - Industrial
 - Municipal/Public
 - Small Community
- HCM Area
- ▭ Kern County Subbasin Boundary
- Groundwater Sustainability Agencies**
- Arvin GSA
 - Buena Vista Water Storage District GSA
 - Cawelo Water District GSA
 - Greenfield County Water District GSA
 - Henry Miller Water District GSA
 - Kern Groundwater Authority
 - Kern River GSA
 - Kern Water Bank Groundwater Sustainability Agency
 - Kern-Tulare Water District GSA
 - North Kern Water Storage District GSA
 - Olcese Water District GSA
 - Pioneer GSA
 - Rosedale-Rio Bravo Water Storage District GSA
 - Semitropic Water Storage District GSA
 - Shafter-Wasco Irrigation District GSA
 - Southern San Joaquin Municipal Utility District
 - Tejon-Castac Water District GSA
 - West Kern Water District GSA
 - Westside District Water Authority
 - Wheeler Ridge-Maricopa GSA

KERN SUBBASIN WELL INVENTORY

Kern County Subbasin Groundwater Sustainability Plan



20240223 Z:\Projects\2305876_BVWSD_KernSubbasinGSP\G016_Well_Inventory.mxd GEV/SJ

WELL INVENTORY FINDINGS

1
Identify
drinking water
well users

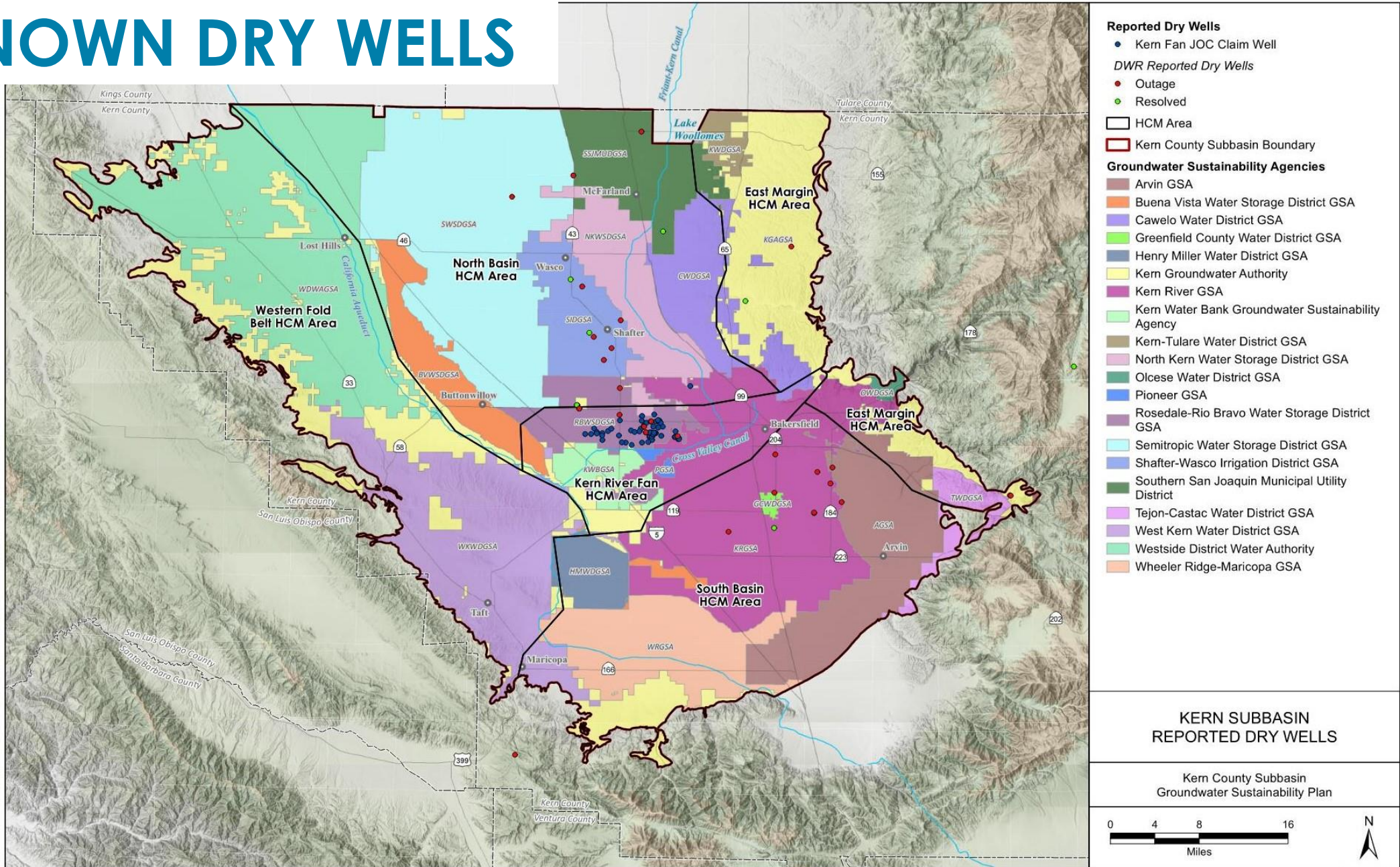
- Majority of Other and Unknown well types were
 - Other well types were handwritten on the WCR, requiring physical verification
 - monitoring wells, cathodic protection, geothermal, or deepening/rehabilitation records
 - Unknown well types were
 - USBR style well logs
 - duplicate records, blank pages, or random attachments (maps, concrete receipt, other supplemental records)
- Deepening and Rehabilitation WCRs are being matched with other records types to make sure all wells are accounted for

PUBLIC OUTREACH

- GSAs conducts/sponsors education campaigns focusing on small community water systems and domestic well owners
- GSAs provide information on SGMA and groundwater conditions (DMS)
- Initial outreach will include information on the proposed well mitigation program



KNOWN DRY WELLS



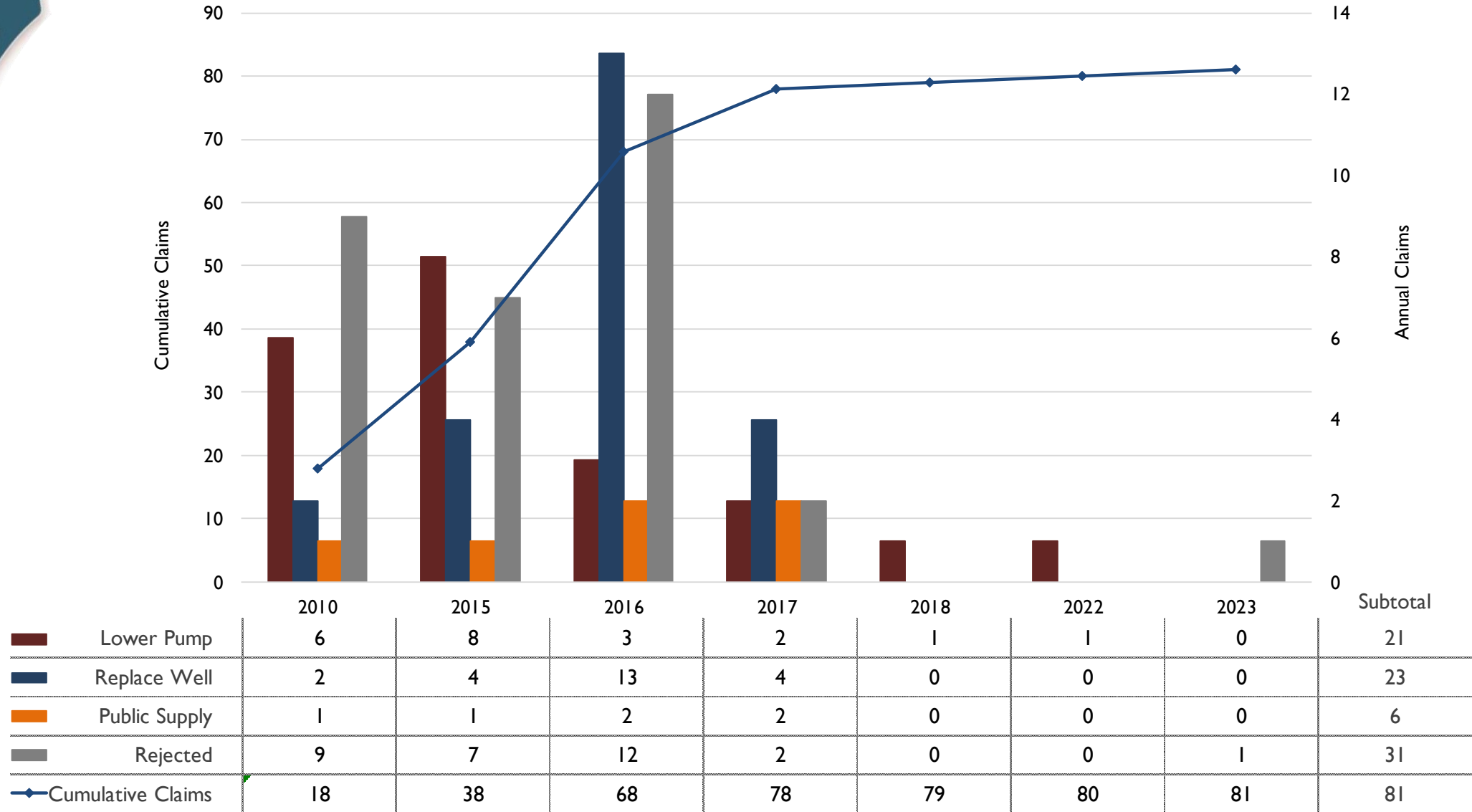


WELL MITIGATION PROGRAM

- Kern County Subbasin planning to build off existing experience
 - Kern County Water Agency, RRBWSD, and KWBA (Kern Fan JOC)
- Kern has mitigated dry wells since 2010
- 81 Claims have been processed and \$1.151M distributed

KERN FAN JOC CLAIMS & MITIGATION

6 Develop and implement projects and management actions





WELL MITIGATION PROGRAM

- **By 2026 operational Subbasin-wide well mitigation program**
- Domestic and Small Community wells impacted by groundwater levels eligible for mitigation regardless of MT exceedances
- Establish a single program administrator to oversee the public outreach
 1. facilitates emergency replacement water
 2. notifies GSA regarding well owner communication
 3. investigates the issue
 4. educates the well owner on the claim process
 5. determines validity of the claim
 6. coordinates with GSA on mitigation and execution of agreements

EXAMPLES OF MITIGATION OPTIONS

- Ensure users have long-term access to drinking water by:
 - Well replacement
 - Deepening pump bowls
 - Interconnection to public water supply



EXAMPLES OF ANNUAL PROGRAM FUNDING

- **By 2025 develop plan, funding arrangements, and agreements**
- Coordinated Basin-wide public outreach program funded by all GSAs
- Single Program Administrator to coordinate with the GSAs
 - <\$10k per entity
- Mitigation cost-share options (estimated at \$200k - \$1M for Subbasin)
- Basin-wide funding program (based on no more than 15 wells per year estimated for mitigation)
 - \$0.20-\$1.00/acre-foot of pumping
 - \$0.10-\$0.50/acre irrigated acre
 - \$9k to \$45k per entity
 - Groundwater Model Impact Analysis



7
Continue
engagement and
fill data gaps

KEY PARTNERSHIPS IN DEVELOPMENT

- Self-Help Enterprises
 - Serve as Program Administrator
 - Letter of Intent included in the Coordination Agreement
 - Discussing funding needs
- Kern Water Collaborative
 - Focusing the same group(s) of people as the Nitrate Control Program
 - Collaboration supports consistent messaging
 - Holistic approach to long-term solutions
 - Data and cost-sharing creates efficiency in program administration

7

Continue
engagement and
fill data gaps

OTHER PARTNERSHIPS

- Water Association of Kern County
 - Already participating in the type of events recommended by SWRCB guidance
 - Current message is focused on conservation but could easily be expanded
- Municipalities and Purveyors (CWS, Cities, Vaughn)
 - Assist with temp water supplies
 - Partner in “long-term” solutions
- Well Drillers
 - Educating local well drillers on the program supports public awareness
- Kern County Environmental Health
 - SB 552 – Drought Contingency Planning for communities and domestic wells

THANK YOU

Proposal for Additional Data Collection and Modeling to Support Subsidence Mitigation Cost Analysis for the Friant Kern Canal

Additional data-collection, analysis, and modeling is necessary to evaluate future impacts on water levels and subsidence along the Friant Kern Canal (FKC) from groundwater pumping in different GSAs within the Kern Subbasin. This data collection and analysis was not included in the original scope and budget to support GSP revisions, as the previous sustainable management criteria for the FKC had not accounted for conveyance loss from future subsidence. Any unmitigated conveyance loss due to subsidence along the FKC has been deemed an “undesirable result” under SGMA by the Friant Water Authority (FWA). Hence, mitigation alternatives to raise the liner (and associated infrastructure) along the sagging sections of the canal are being evaluated currently. A cost-sharing framework is being developed to fund these future mitigation efforts. The cost-sharing framework will entail attributing costs based on future impacts on water levels and subsidence along sagging sections of the FKC from groundwater pumping in different GSAs. This proposal outlines the approach and cost involved with the data-collection, analysis, and modeling for this effort.

Task 1. Recover and survey elevations at selected benchmarks

Perform GPS RTK survey methods at eight benchmark sites near the FKC to obtain ellipsoid and orthometric elevations processed through NOAA's Online Positioning User Service (OPUS). For benchmarks located in areas where direct GPS observations are not possible, a nearby reference mark will be established, and conventional leveling will be used to determine the elevation of the benchmark.

Estimated Cost: \$12,000

Task 2. Analyze and prepare long-term groundwater level and subsidence time series data and figures

Evaluate water-level data from the current period and historical water-level data near the FKC to provide a time series of data for the 1D model (Task 3) and to determine the pre-consolidation head and current critical head at eight selected locations of geodetic control (benchmarks). A time series of leveling data from benchmarks monumented by the National Geodetic Survey, U.S. Geological Survey, U.S. Bureau of Reclamation, and California Department of Transportation will be constructed from blue-booked leveled elevations and recoveries. Data compiled from the CASGEM, DWR water data library, and USGS will be used near the benchmark sites to construct a time series of water level data at various depth intervals. Approximately 75% of this data has already been collected as part of the development of the subsidence sustainable management criteria (SMCs). The cost below is for *additional* data collection and analysis to support the 1D modeling under Task 3.

Estimated Cost: \$10,000

Task 3. Subsidence analysis using the Stanford 1D model

Use the Stanford 1D model to forecast subsidence through 2040 or other desired planning timeframe to connect water levels and subsidence along the Friant Kern Canal (FKC). The model will be calibrated to the long-term subsidence and groundwater level data from Task 2. Well-log data will be compiled for each of the 8 sites to estimate the number and thickness of clay interbeds.

Estimated Cost: \$35,000

Task 4. Updated model analysis of water level changes by GSA

Use updated IWFM-Kern model (currently being updated by Todd Groundwater to support the GSP revisions) to evaluate change in groundwater levels through 2040 or other desired planning timeframes to simulate future change in water levels under a range of different scenarios with GSAs within the Kern subbasin pumping at different rates to assess impacts on future water levels along the Friant Kern Canal. INTERA will work with Todd Groundwater to perform the water level scenarios. Water level results from the scenarios will be linked to the 1D subsidence model (Task 3) to translate water level impacts to subsidence impacts along the FKC. The 1D subsidence model is necessary since the IWFM-Kern model has not been calibrated to subsidence. This task assumes multiple iterations to support the determination of potential attribution of water level and subsidence impacts along the FKC. Relative contribution to future water level declines and subsidence along the most vulnerable reaches of the FKC would be the basis for the cost-sharing framework between the GSAs determined to be contributing to water level declines and subsidence along the FKC.

Estimated Cost: \$60,000

Task 5. Meetings and Presentations

Results from the evaluation will be presented to the Kern Subbasin subsidence sub-committee, GSA managers, and coordination committee. The analysis will also be presented to the Friant Water Authority to get their buy-in on the approach and results. The analysis will be documented in a technical memorandum that may be used as an attachment to the Kern Subbasin revised GSP to document the FKC mitigation alternative.

Estimated Cost: \$3,000

Total Cost and Schedule

The total cost for the scope above is estimated to be **\$120,000**. Tasks 1-3 can be completed within 3 months of notice to proceed. Task 4 and 5 will require 3 additional months (including the time for presentation at various committee meetings) from receiving revised IWFM-Kern model files from Todd Groundwater. It is anticipated that the IWFM-Kern model will be ready for the modeling analysis by the late summer (August, 2024) timeframe.

**KERN COUNTY WATER AGENCY
CROSS VALLEY CANAL ADVISORY COMMITTEE**

**MEETING NOTICE & AGENDA
Stuart T. Pyle Water Resources Center
3200 Rio Mirada Drive
Bakersfield, California**

February 21, 2024

Conference Line: 1 (571) 317-3122
Access Code: 500-820-565#
<https://global.gotomeeting.com/join/500820565>

Agenda

1. Call to order – 1:30 p.m.
2. Cross Valley Canal Advisory Committee Members Report
3. Public Comment
4. Approval of Cross Valley Canal Advisory Committee Meeting Minutes

Special Meeting – December 18, 2023
Regular Meeting – January 24, 2024
5. Report of the Water Resources Manager
 - a. Update on Cross Valley Canal Construction/Maintenance Projects
6. Report on Cross Valley Canal Operations and Deliveries
 - a. Operations and Maintenance Activity
 - b. Year-to-Date Deliveries
7. Recommendation to Execute Change Order No. 3 to Cross Valley Canal Pioneer Inlet Improvements Project – Contract No. KCWA 2022-02
8. Recommendation to Execute Amendment No. 2 to the Kern County Water Agency Agreement for Construction Management Services for the Cross Valley Canal Pioneer Inlet Improvements Project – Contract No. KCWA 2022-02
9. Adjourn

NOTICE: This meeting is being conducted partially by telephone conference.
Conference Line: 1 (571) 317-3122/ Access Code: 500-820-565#/ <https://global.gotomeeting.com/join/500820565>

**Lower Tule Irrigation District
357 East Olive Avenue
Tipton, CA 93272**

Requests for a disability-related modification or accommodation, including auxiliary aids or services, in order to attend or participate in a meeting should be made to the CVC Secretary in advance of the meeting to ensure availability of the requested service or accommodation.

COMMITTEE FOR DELTA RELIABILITY

AGENDA

Date: Tuesday, February 13, 2024
Time: 1:00 pm – 2:30 pm
Location: Teams Viewer – online conference call
Call-in Info: Access via [Teams Viewer](#)

1. Administration

- a. October 10, 2023, Meeting Notes (Brad S.)– **(Page 2)**
- b. Financial Report – WRMWSD **(Page 4)**
- c. Date of Next Meeting: April 09, 2024

2. Delta Operations – Biological Opinions / Collaborative Science Process

- a. Voluntary Agreements status (Paul W.)
- b. Interim Operation Plan (IOP) (Paul W.)
- c. 2024 Biological Opinions and ITP – (Paul W.)
- d. Coordination with SWC regarding white sturgeon– (Paul W.)
- e. Proposed Rule to List Longfin Smelt– (Paul W.)
- f. National Academies update (Scott H. and Dennis M.)
- g. CSAMP Update (Bill P.)
- h. Delta smelt entrainment (Scott H.)

3. Other

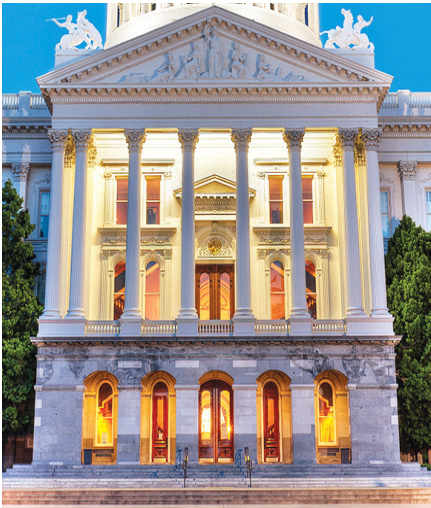
- a. Ernest Conant replaced by Karl Stark at USBR Regional Director (Brad S.)
- b. Center for California Water Resources Policy and Management publishing (Dennis M.)
 - i. Blog Update
 - ii. Scholarly articles
- c. Organizational Assessment of Center, Coalition, and Committee (Bill P. and Brad S.)

SACRAMENTO REPORT

February 2024



Volume 19, Issue 2



Changes to Senate Leadership and Committee Assignments

On Monday, February 5, Senator Mike McGuire was sworn-in as the new leader of the California State Senate. In his new role as President pro-Tem, he has a direct hand in guiding budget and policy decisions. He has listed as top priorities climate change, homelessness, and the opioid crisis.

It's the first time since 1866 that a lawmaker from the north coast leads the Senate. His coastal district stretches from the northern Bay Area to the Oregon border. Alongside his Assembly counterpart, Speaker Robert Rivas of Hollister, both legislative leaders now represent more rural, agricultural areas of California. McGuire was first elected to the California State Senate in 2014, is termed out of the Legislature in 2026.

On Thursday, February 8, McGuire announced his Senate Democratic Leadership Team and committee membership assignments for the 2024 Legislative year.

- Senator Lena A. Gonzalez (D-Long Beach) succeeds him as majority leader
- Senator Angelique V. Ashby (D-Sacramento) and Senator Aisha Wahab (D-Hayward) have been named Assistant Majority Leader, succeeding Senator Susan Talamantes Eggman (D-Stockton) who solely held this position.

*See **New Leader**, page 2*

NEWS BRIEFS

CA Ranks High Worldwide for Depleting Groundwater

In a sign of ongoing threats to its precious groundwater stores, half a dozen regions in California rank among the world's most rapidly declining aquifers, [according to research published on January 24](#).

The *Nature* paper's top 100 aquifers with most rapidly dropping groundwater levels include the [California's Cuyama Valley](#), north of Santa Barbara (34th), [White Wolf Basin in Kern County](#) (52nd), the [San Pasqual Valley](#) in north-eastern San Diego (55th), the

continued on next page

Approved Delta Conveyance Project Faces Litigation

The Delta Conveyance Project faces potentially years-long delays after nine lawsuits challenging the Department of Water Resources (DWR) approval of the project were recently filed in Sacramento County Superior Court by a total of thirty-three plaintiffs representing all the Delta counties, the City of Stockton, environmental and other nongovernmental organizations, and tribes.

All claimants allege that DWR violated the California Environmental Quality Act (CEQA), and other laws that protect the Sacramento-San Joaquin Delta, in approving the project and certifying its Final Environmental Impact Report (EIR).

“Under CEQA, prior to making a decision to certify the [Final EIR] and approve the Project, DWR was required to fully analyze and mitigate the Project's poten-

*See **Delta Conveyance Project**, page 3*

Inside Sacramento Report

DWR Completes GSP Review Process 4

NEWS BRIEFS *continued*

[Chowchilla Basin](#) straddling Merced and Madera counties (65th), the Northern Kern Basin (69th) and the [Kaweah Basin](#) in Kings and Tulare counties (93rd).

The research revealed that rapidly declining groundwater basins are virtually non-existent in places with no farming. Heavily-farmed regions in drier climates, such as the San Joaquin Valley, Iran and parts of India, are especially hard hit. CalMatters coverage of the report can be found [Here](#).

Provisional 2021 and 2022 Statewide Crop Mapping Data Released

The Department of Water Resources (DWR) released the Provisional 2021 and 2022 Crop Mapping dataset in January 2024. This provisional release is part of DWR's ongoing commitment to provide comprehensive, accurate, and more frequent statewide land use data through remote sensing and field surveys for the California Water Plan, Groundwater Sustainability Agencies (GSAs), and other users throughout the state. Unlike all pre 2021 land use data releases, the 2022 provisional release is intended to get land use information out to users quickly, and the data has not been carefully reviewed or edited. The final and official version of the water year 2022 land use dataset is planned for release by the first quarter of 2025.

Geographic Information System (GIS) resources are available on the [CNRA Open Data website](#). The crop mapping data can also

continued on next page

New Leader, continued from page 1

- Senator Monique Limón (D-Santa Barbara) is to continue as Chair of the Democratic Caucus
- Senator Dave Cortese (D- San Jose), takes over Senator Lena A. Gonzalez as Majority Whip.
- Senator María Elena Durazo (D-Los Angeles) maintains her position as Assistant Majority Whip; while Senator Steve Padilla (D-San Diego) is also named Assistant Majority Whip, a position previously held by Senator Susan Rubio (D-Baldwin Park)

Committee Assignments:

Appropriations

- Senator Anna M. Caballero (D-Merced), has been appointed Chair of the powerful appropriations Committee, which determines the fate of bills containing significant fiscal impacts during the suspense file process. Caballero will assume the post on March 11, taking over for Senator Anthony Portantino (D-La Canada Flintridge). Senator Brian W. Res (R-Santee) maintains his position as committee vice-chair.

Budget and Fiscal Review

- Senator Scott D. Wiener (D-San Francisco), will now chair the budget committee as California navigates a projected multibillion-dollar deficit. He takes over from Senator Nancy Skinner (D-Oakland). Senator Roger W. Niello (R-Fair Oaks) maintains his position as committee vice-chair.

Overall, McGuire kept more than half of the two dozen Senate committee chairpersons intact.

- Senator Benjamin Allen (D-Santa Monica) and Senator Brian Dahle (D-Bieber) maintain their position as Chair and Vice-Chair of the Environmental Quality Committee, respectively.
- Senator Dave Min (D-Irvine) and Senator Kelly Seyarto (R-Murrieta) maintain their positions as Chair and Vice-Chair of the Natural Resources and Water Committee, respectively.
- Senator Josh Becker (D-Menlo Park) maintains his position as Chair of the Budget Subcommittee #2 on Resources, Environmental Protection and Energy. Senator Brian Dahle (R-Bieber) maintains his membership in this subcommittee, while Senator Benjamin Allen (D-Santa Monica) and Senator Catherine Blakespear (D-Encinitas) get added to the subcommittee.

Other changes include splitting the governance and finance committee into two separate committees on local government and on revenue and taxation. Senator María Elena Durazo will serve as chair of the newly formed local government Committee, taking over from Senator Anna Caballero who used to head the governance and finance committee.

Bill Introduction Deadline

Friday, February 16 was the last day for bills to be introduced. Reeb Government Relations is currently at work going through recently introduced bills and reviewing them for impacts to the Coalition membership. A large amount of bills that have been introduced this past week have come in the form of spot bills, which would need to be substantially amended before they can be heard in policy committees. The deadline for these substantial amendments is March 16.

Delta Conveyance Project, continued from page 1

tially significant impacts and disclose them in a manner reasonably calculated to inform the public, and meaningfully consider potentially feasible alternatives to the Project or its location that would be capable of meeting most of the Project's objectives while eliminating or reducing one or more of its significant impacts," the filing from the County of Sacramento stated. "DWR did not satisfy these requirements..."

DWR announced its approval of the Delta Conveyance Project on December 21, 2023, and selected Alternative 5, "Bethany Reservoir Alignment," from the proposed project's Final EIR as the version of the project to move forward. This version of the project would divert up to a combined 6,000 cubic feet per second of water from two new north Delta intakes with state-of-the-art fish screens and convey it through a single tunnel directly into a new pumping plan and aqueduct complex in the south Delta, discharging it to the Bethany Reservoir for delivery through existing State Water Project (SWP) export facilities.

Though proponents of the Delta Conveyance Project celebrated DWR's approval announcement, several claimants allege that the Final EIR did not sufficiently address the impacts that the proposed project could have on the Bay-Delta's water quality and local ecosystem, particularly its effects on native fish. They also argue that DWR relied on a Trump-era interpretation of the Endangered Species Act.

"The Delta tunnel will take enormous freshwater flows away from the already impaired Delta for export," said Bob Wright, counsel for Sierra Club California in their suit. "DWR has not analyzed the resulting reduction of surface water in the Delta in the EIR, because they're trying to evade admitting the truth that the project will have irreversible adverse impacts on Delta surface water including worsening harmful algal blooms detrimental to the health of Delta residents and users, and exacerbating the extinction crisis for endangered and threatened fish species."

Sierra Club California, along with several other environmental groups, further alleged in their suit that DWR is intentionally "keeping the public in the dark" since DWR has not yet issued a cost-benefit study on whether the project makes financial sense. Tribal organizations, meanwhile, allege that DWR failed to consider the project's cultural implications for the Delta's tribal people as the project would likely destroy sites of cultural importance that have been in use for thousands of years.

The certification of the project's EIR came after an extensive years-long outreach and environmental review process, which included multiple webinars, workshops, briefings, informational materials, comprehensive Delta surveys, and the review of over 700 letters and 7,000 individual comments. With its approval of the project, DWR determined that the EIR complies with CEQA and reflects public input and DWR's independent judgment and analysis. DWR has also adopted Findings of Fact and Statement of Overriding considerations; adopted a Mitigation, Monitoring, and Reporting Program; issued a Notice of Determination; and issued Decisions Regarding the Delta Conveyance Project.

Nonetheless, the slew of litigation against the Delta Conveyance Project could result in years-long delays as schedules for briefings, hearings, and decision requirements are not clearly defined in current law. Governor Gavin Newsom recently passed an infrastructure package that included a streamlined judicial review process; however, the bills specifically excluded the Delta Conveyance Project from its definition of "water infrastructure projects."

See [Delta Conveyance Project](#), page 4

be found on DWR's [SGMA Data Viewer](#). For additional information about DWR's available data and tools, visit the [Data and Tools website](#).

Project Will Put CA Water Rights Records Online

Work is underway by the State Water Resources Control Board to make all of California's water rights records available online. The effort is detailed in an [online article](#) published by the Water Education Foundation. Some of the records date to the mid-1800s and the only way to access them is to go through paper and microfilm records stored in a Sacramento facility. The goal is to have all the information online by next year.

Network Celebrates Five Years of Flood-MAR

[The Flood-Managed Aquifer Recharge \(Flood-MAR\) Network](#) is celebrating five years of advancing Flood-MAR efforts. The history is detailed in a [new report](#) posted on the network's website.

Delta Conservancy Board Approves New Project and 2024 Implementation Plan

The Sacramento-San Joaquin Delta Conservancy Board convened on January 24 for its first meeting of 2024, approving the Conservancy's [2024 Implementation Plan](#), which is a companion document to the Conservancy's [2022-2027 Strategic Plan](#). The Strategic Plan provides a high-level road map and sets objectives and performance measures to achieve them. The annual Implementation Plan provides the more detailed tasks

continued on next page

NEWS BRIEFS *continued*

the Conservancy will undertake in the coming year. Lastly, the Board received an overview of the Conservancy's 2023 Annual Report highlighting the achievements and milestones from the past year. View the 2023 Annual Report [Here](#).

Registration Open: Delta Adapts Draft Adaptation Plan Workshop

The Delta Stewardship Council is hosting a hybrid [Delta Adapts Draft Adaptation Plan Workshop](#) from 9:00 AM-12:00 PM during its March 1, 2024, Council Meeting at the Jean Harvie Community Center (14273 River Road, Walnut Grove, CA, 95690) to discuss climate adaptation strategies for the Sacramento-San Joaquin Delta and Suisun Marsh, including high-priority actions, responsible entities for implementation, and how to finance adaptation. Ideas generated during the workshop will be considered along with other comments on the Draft Adaptation Plan—which will be released in 2024 for a 60-day public comment period—in the preparation of the final Adaptation Plan. Registration is encouraged.

Lunch-MAR to Discuss Nature-based Features

Integrating nature-based features into flood risk management projects will be the focus at next month's Flood-Managed Aquifer Recharge (Flood-MAR) Program [lunchtime webinar](#). A representative from the U.S. Army Corps of Engineers will be the featured speaker. The [Lunch-MAR webinar](#) will be Wednesday, March 6.

continued on next page

Delta Conveyance Project *continued from page 3*

“CEQA lawsuits are not unexpected or unusual. DWR has been aware that several parties intended to pursue a CEQA legal challenge to stop the project before the EIR was even complete and regardless of whether the EIR complied with CEQA requirements,” DWR said in response to the lawsuits. “The Delta Conveyance Project EIR is thorough, responds to all substantive public comments, and most importantly it meets and, in many cases, exceeds CEQA requirements. DWR will review the lawsuits and respond accordingly, and will proceed as planned with permitting, and continued planning and design for the Delta Conveyance Project. This project is vital to modernizing the State Water Project and protecting water reliability for 27 million Californians.”

DWR Completes GSP Review Process

Last month, the California Department of Water Resources (DWR) announced the completion of the review process for groundwater sustainability plans (GSPs) for high- and medium-priority groundwater basins in the state.

Adopted in 2014, the Sustainable Groundwater Management Act (SGMA) requires groundwater sustainability agencies (GSAs) to develop and implement groundwater sustainability plans that would address conditions that negatively impact groundwater—such as overdraft, degraded water quality, land subsidence, and drinking water impacts—within 20 years.

“It is remarkable that now, for the first time under SGMA, groundwater basins that make up 98 percent of the state's groundwater use are being actively managed by local agencies with locally developed groundwater sustainability plans that have undergone initial review,” said Paul Gosselin, Deputy Director of DWR's Sustainable Groundwater Management Office. “Since 2014, local agencies, with state support, have met every ambitious milestone required by SGMA, and with today's announcement, DWR has met the required deadline to review and issue determinations for all initial groundwater sustainability plans. The work does not stop here and DWR will continue to partner with local agencies to build a more sustainable water future for all Californians.”

DWR has approved plans for the following basins:

- Anderson
- Enterprise
- San Antonio Creek Valley
- Santa Clara River Valley East
- Santa Ynez River Valley
- Solano
- Temescal
- Tracy
- Upper San Luis Rey Valley
- Yucaipa

DWR has deemed the following basin plans incomplete:

- Butte Valley
- Fillmore
- Modesto
- Pleasant Valley (Basin No. 5-022.10)
- Piru
- Tulelake
- Turlock

An incomplete determination signals that DWR identified deficiencies significant enough to preclude approval but could still be corrected. Such deficiencies likely

See [GSP Review Process](#), page 5

GSP Review Process, continued from page 4

range from key issues related to impacts on drinking water, or land subsidence, among other things. While GSAs with stamped with approved determinations by DWR will be able to continue implementing their plans, the basins with incomplete determinations will now have 180 days to resubmit their plans with revisions that specifically address the deficiencies outlined by DWR. Once resubmitted, the revised plans will be subject to a public comment period, after which DWR will determine if the plan is either complete or inadequate. Should a GSP be deemed inadequate, primary jurisdiction over the basin shifts from DWR to the State Water Board, which would then decide whether or not the state needs to intervene.

GSAs in critically overdrafted basins were the first to submit their plans to DWR in January 2020. Last year, DWR approved plans for the Cuyama, Paso Robles, Eastern San Joaquin, Merced, Westside, and Kings subbasins with recommended corrective actions to remain in an approved status; meanwhile, GSPs from the Chowchilla, Delta-Mendota, Kaweah, Tule, Tulare Lake, and Kern subbasins were determined inadequate, triggering possible State Water Board intervention.

For more information and updates on SGMA progress, visit DWR's SGMA Portal: <https://sgma.water.ca.gov/portal/>.

Governor Newsom Releases New California Salmon Strategy

Governor Newsom has announced a [series of actions and efforts](#) to restore California's salmon population. [California Salmon Strategy for a Hotter, Drier Future: Restoring Aquatic Ecosystems in the Age of Climate Change](#) specifies six priorities and 71 actions to build healthier, thriving salmon populations in California.

The strategy's six priorities call for:

1. Removing barriers and modernizing infrastructure for salmon migration
2. Restoring habitat
3. Protecting water flows in key rivers at the right times
4. Modernizing hatcheries
5. Transforming technology and management systems
6. Strengthening partnerships

A [fact sheet](#) summarizing the strategy has also been released.

*Sacramento Report is published monthly by Reeb Government Relations, LLC
1415 L Street, Suite 870, Sacramento, CA 95814, e-mail: bobr@water-warrior.com*

Valley Ag Water Coalition

The mission of the Valley Ag Water Coalition is to represent the collective interests of its San Joaquin Valley member agricultural water companies and agencies in California legislative and regulatory matters by providing leadership and advocacy on issues relating to the development and delivery of a reliable farm water supply.

NEWS BRIEFS continued

DWR Announces Increase to Anticipated SWP Allocations

The Department of Water Resources (DWR) today announced an increase in the State Water Project (SWP) allocation forecast for 2024. The forecasted allocation is now 15 percent of requested supplies, up from the 10 percent initial allocation announced in December. This translates to about 200,000 acre-feet of additional water for the 29 public water agencies that serve 27 million Californians.

The announcement can be found [Here](#).

UPCOMING MEETINGS

Delta Stewardship Council

February 29-March 1, 2024
Jean Harvie Community Center
14273 River Road,
Walnut Grove, CA 95690
[Agenda](#), [Webcast](#)

State Water Resources Control Board

March 5-6, 2024
Joe Serna Jr. - CalEPA Building
1001 I St., Coastal Hearing Room
Sacramento, CA 95814
[Agenda and Participation Guide](#)
(Not Yet Posted)

Delta Independent Science Board Meeting

March 20, 2024
[Agenda](#) (Available March 10)



Reservoir Committee/Authority Board Meeting

February 16, 2024

9:00 AM – Noon

[Click here to join the meeting](#)

Call in: 1-916-538-7066

122 Old Hwy 99W, Maxwell, CA 95955
(additional locations below)

Code: 226 107 158#

Authority Board Chair:	Fritz Durst (Reclamation District 108)
Authority Board Vice Chair:	Jeff Sutton (Tehama-Colusa Canal Authority)
Reservoir Committee Chair:	Valerie Pryor (Zone 7 Water Agency)
Reservoir Committee Vice-Chair:	Mike Azevedo (Colusa County)
Treasurer:	Jamie Traynham (Davis Water District)

AGENDA

ROLL CALL & CALL TO ORDER:

- Introductions.
- Pledge of Allegiance.
- Approval of today’s meeting agenda for February 16, 2024.
- Announcement of Closed Session.
- Period for Public Comment.

People may speak about any subject of concern, provided it is within the Reservoir Committee’s (RC) and Authority Board’s (AB) jurisdiction. Before speaking, you must submit a public comment card electronically or on paper. The time allotted for receiving such public communication shall be 3 minutes per person. Note: No action shall be taken on comments made during this period.

1. Consent Agenda

Approximate start time 9:10 am

The Executive Director reviewed the following items. To his knowledge, there is no opposition to the action. The items can be acted on in one consolidated motion as recommended or may be removed from the Consent Calendar and separately considered at the request of any person. Each item indicates the body authorized to approve such actions according to the JPA, Bylaws and Project Agreement.

- 1.1 Reservoir Committee and Authority Board consider approval of January 19, 2024, Reservoir Committee and Authority Board Meeting Minutes. **(Attachments A & B)**
- 1.2 Reservoir Committee and Authority Board consider acceptance of the Sites Project Authority Treasurer’s Report. **(Attachment A & B)**
- 1.3 Reservoir Committee and Authority Board consider approval of the Sites Project Authority Payment of Claims. **(Attachment A & B)**

- 1.4 Reservoir Committee and Authority Board consider approval of administrative changes to the adopted board policies and guidelines as follows:
1. Minor revisions to the Accounting, Accounts Payable Approval, Budget, Procurement & Contract and Records Management Policies to incorporate law changes since prior adoption and/or administrative clarifications that better align the document with how the policy is being implemented.
 2. Revisions to Local CEQA Guidelines to better align the guidelines with CEQA compliance implementation under the current governance structure.
 3. Revisions to the Delegation of Authority Matrix to better align the document with how delegation is being implemented.

(Attachment A, B & C)

- 1.5 Reservoir Committee and Authority Board consider acceptance of the Sites Project Authority’s Fourth Quarter 2023 Budget Year Quarterly Financial Report. **(Attachment A)**
- 1.6 Reservoir Committee and Authority Board consider authorizing the Executive Director to enter into a Memorandum of Understanding with Colusa County committing the Authority to pay County costs for performing land use planning needed to support County and local agency permits and approvals for the Project. The requested action includes a transfer of \$250,000 from the Engineering Subject Area Contingency to be committed to Colusa County for the above services.

2. Action Items: Approximate start time 9:25 am

- 2.1 Reservoir Committee and Authority Board conduct the 2024 Election of Officers:
1. Elect Reservoir Committee Chairperson (Chair), Vice-Chair. Consider acceptance of the Authority Board’s designation of Treasurer.
 2. Elect Authority Board Chair, Vice-Chair, Secretary and Treasurer.
 3. Reservoir Committee and Authority Board Confirm committee and workgroup designations and participation.
- 2.2 Reservoir Committee and Authority Board direct staff to submit the protest resolution status report immediately following the end of the protest resolution period on February 28, 2024, requesting the State Water Resources Control Board (SWRCB) close the Sites Project water right application’s protest resolution period and implement their hearing

- 5.1 Conference with legal counsel regarding existing litigation (Gov. Code §§54956.9(d)).

Friends of the River, et al. v. Sites Project Authority, et al., Yolo County Superior Court, Case No. CV2023-2626

- 5.2 Negotiations concerning water right permit terms and conditions (Govt. Code §54956.9(c) and §54956.9(d)(4)).

- 6. **Report from Closed Session** Approximate start time 11:45 am

- 7. **Recap:** Approximate start time 11:50 am

- 7.1 Suggested Future Agenda Items.

- 7.2 **Upcoming Meetings:**

Joint Reservoir Committee & Authority Board

Friday, March 22, 2024 (9:00 am to noon)

Meetings are held in the Maxwell Project Office and virtual.

Virtual Information will be provided on the meeting agenda at [Sitesproject.org](https://sitesproject.org).

ADJOURN

ADA COMPLIANCE: Upon request, agendas will be made available in alternative formats to accommodate persons with disabilities. In addition, any person with a disability who requires a modification or accommodation to participate or attend this meeting may request the necessary accommodation. Please make your request to the Board Clerk, specifying your disability, the format in which you would like to receive this Agenda and any other accommodation required no later than 24 hours before the start of the meeting.

This meeting will be recorded.

Alternate Meeting Locations:

City of American Canyon, 4381 Broadway Street, American Canyon, CA 94503

Coachella Valley Water District, 75515 Hovley Lane, Palm Desert CA 11

Desert Water Agency, 1200 S. Gene Autry Trail, Palm Springs, CA 92264

Irvine Ranch Water District, 15600 Sand Canyon Avenue, Irvine, CA 92618

Metropolitan Water District, 1121 L Street, Suite 900, Sacramento, CA 95814

Rosedale Rio Bravo, 849 Allen Road, Bakersfield, CA 92214

San Geronio Pass Water Agency, 1210 Beaumont Avenue, Beaumont, CA 92223

Santa Clara Valley Water District, 5750 Almaden Expressway, San Jose, CA 95118

Santa Clarita Valley Water Agency, 26501 Summit Circle, Santa Clarita, CA 91350

EMERGENCY WATER SUPPLIES

Problem

California has always had a climate that cycles between periods of large amounts of precipitation and times of drought. With climate change, however, we are experiencing extreme weather cycles and weather.

As the state sees more rainfall and less snow, earlier snowmelt, more intense rain events, aridification, and increasingly frequent droughts, the state needs to focus on water resilience.

While water use efficiency will continue to play an important role in the face of climate change, water resilience for the future will also require California to take different approaches than have been taken in the past to ensure sufficient water for the state's ecosystem, urban and agriculture needs in times of excess and times of shortage.

California can and should take action to build water resilience into its water resource management and planning that accounts for these changes. The Legislature can encourage actions that build water resilience, especially for times of drought. With intensifying and prolonged periods of drought likely, emergency supplies can help ensure sufficient water.

Background

California must build water resilience that will help us adapt to and mitigate climate change, and that will ensure California has sufficient water during dry times.

A Definition of California Water Resilience

Water resilience for California means moving the state to better water resource management through cost-effective infrastructure investments, flexible systems operations, and changes in policy and regulations that result in water systems, communities, ecosystems, and economies adapting to and mitigating for the impacts of climate change to water supplies and watersheds.

As the Governor has laid out in his Water Resilience Portfolio, efforts to build water resilience are strengthened when there is state support for local efforts to withstand drought and flood, provide safe and reliable water supplies to all communities, and protect natural systems.

While the actions needed to build water resilience will vary by location and region, the state can set policies that encourage

What is an Emergency Water Supply?

An emergency water supply is a supply that has been developed by a water supplier to enhance its water supply reliability during times of shortage and is a supply in addition to the baseline water supplies that the agency draws upon during non-shortage times to meet water demands within its service area.

investments in resilience which can help mitigate the impacts of climate change on ecosystems, economies, and communities.

Solution

With climate change bringing more frequent and intense droughts to California, the state needs to evaluate how it will ensure sufficient water supplies during times of shortage.

The development of emergency water supplies can aid the state in mitigating the impacts of more frequent droughts. Unfortunately, few water suppliers have made the investment in emergency supplies because the state has not formally recognized them.

Establishing a state policy that recognizes the role emergency water supplies can play in water resilience can encourage and incentivize greater investment and development of those supplies across the state. **XB XX** would enact such a policy by adding the following policy statement to the California Water Code:

"It shall be the policy of the state to encourage and incentivize, but not mandate, the development of emergency water supplies, and to support their use during times of water shortage."



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