



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

October 10, 2023
8:00 a.m.

1. CALL TO ORDER / ROLL CALL

2. APPROVAL OF MINUTES

- a) Regular Board Meeting Minutes of September 12, 2023
 - b) Special Board Meeting Minutes of September 26, 2023
-

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) Ratification of Emergency Purchase of Electrical Equipment- Central Intake (ZS)
-

5. WATER RESOURCES REPORT

- a) State Water Project Operations (TT)
 - b) California Delta Conveyance Project (TT)
 - c) Update on Landowner Banking Program (TT)
-

6. MANAGER'S REPORT

- a) Strategic Plan Update (RE)
- b) Consideration of Continuing Emergency Action - Public Contract Code §22050(c)(1) – Resolution No.531 (RE)

7. ENGINEER'S REPORT

- a) Onyx Ranch Project
 - i. Operations (DB)
 - ii. FEMA Disaster Relief Application (RE)
 - iii. **Consideration of Technical Services Agreement for Model Update (DB)**
- b) Improvement Projects (MN)
- c) **Consideration of Technical Services Agreement for Construction Management Services (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 (DB & TT)
 - i. Water Charge Management Action Implementation (TT)
 - ii. GSP Deficiency Resolution (DB & TT)
 - iii. **Consideration of Reimbursement Agreements for GSP Development (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)*: Four (4) Matters
- b) Conference with legal counsel – Anticipated Litigation: Initiation of Litigation – *Government Code Section 54956.9(d)(4)*: Two (2) Matters
- 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: Water Supply (2023 Supplies). Negotiating parties: Various parties and Rosedale-Rio Bravo Water Storage District. Under negotiation: Price & Terms of Payment
 - iii. Property: License / Easement for Canal Facility. Negotiating parties: Various parties and Rosedale-Rio Bravo Water Storage District. Under negotiation: Price & Terms of Payment
 - iv. Property: Various Parcels – Potential District Projects. Negotiating parties: Various parties and Rosedale-Rio Bravo Water Storage District. Under negotiation: Price & Terms of Payment
 - v. Property: APN 104-240-49 & 51. Negotiating Parties: SH Bakersfield LLC and Rosedale-Rio Bravo Water Storage District. Under negotiations: Price & Terms of Payment.
- e) Personnel – Government Code Sections 54957 and 54957.6 – Performance Evaluation – District Employees. Conference with Labor Negotiator – District Representative: DanRaytis; Unrepresented Employees – District Employees

14. ADJOURNMENT

DECLARATION OF POSTING: I, Rachelle 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 October 6, 2023. ***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
September 12, 2023
8:00 a.m.

DIRECTORS PRESENT

Roy Pierucci, Jason Selvidge, Gary Unruh, Barry Watts & Mitch Millwee

DIRECTORS ABSENT

None

OTHERS PRESENT

District Staff / Consultants – Dan Bartel, Trent Taylor, Megan Misuraca, Markus Nygren, Dan Raytis, Zach Smith, Rachele Echeverria & Jennifer Spaletta (via telephone for closed session only).

Public –John Gaugel

CALL TO ORDER

President Pierucci called the meeting to order at approximately 8:00 a.m.

APPROVAL OF MINUTES

- a) Special Board Meeting Minutes – August 11, 2023
- b) Special Board Meeting Minutes – August 31, 2023

A motion was made by Director Watts with a second by Director Unruh to approve the Board of Directors special meeting minutes of August 11, 2023 and the special meeting minutes of August 31, 2023. The motion was unanimously passed.

AYES: Directors Pierucci, Selvidge, Unruh, Millwee and Watts

NOES: None

ABSTAINED: None

FINANCIAL REPORT

- a) Treasurer’s Report – Ms. Misuraca reviewed the treasurer’s report as of August 31, 2023.
- b) Accounts Payable/ August 10, 2023, through September 8, 2023 — Ms. Misuraca reviewed the accounts payable report with the Board. A motion was made by Director Millwee and seconded by Director Selvidge to ratify and approve payment of the accounts payable in the total amount of \$559,365.24. The motion unanimously passed.

AYES: Directors Pierucci, Selvidge, Unruh, Millwee and Watts

NOES: None

ABSTAINED: None

- c) Revenue and Expenditures Report – Ms. Misuraca reviewed the current Revenue and Expenditures Report through August 31, 2023, including budget vs. actual.
- d) Consideration of Fiscal Year End December 31, 2022 Audit and Financial Statements – Ms. Misuraca reviewed the audit completed by BHK Accountancy and financial reports and 10 year

net position with the Board. A motion was made by Director Millwee with a second by Director Watts to accept and approve the Fiscal Year End December 31, 2022 audit and financial reports. The motion unanimously passed.

AYES: Directors Pierucci, Selvidge, Unruh, Watts and Millwee

NOES: None

ABSTAINED: None

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.
- b) Operations Report – Mr. Smith reviewed water conveyance and recharge operations and estimated balances with the Board.
- c) Maintenance Report – Mr. Smith reviewed maintenance projects that have taken place over the last month.

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 status report on the DCP project.
- c) Update on Landowner Banking Programs – Mr. Taylor briefed the Board on the latest landowner banking program updates.

MANAGER’S REPORT

- a) Strategic Plan Update – Ms. Echeverria briefed the Board on staff’s progress for Goal #2 of the District’s adopted strategic plan to acquire water supplies.
- b) Consideration of Resolution No. 531 Flood Emergency Declaration – Ms. Echeverria reported on the Governor of California’s Executive Order N-4-23 and updated conditions. A motion was made by Director Unruh with a second by Director Selvidge to continue the emergency action of Resolution 531 – declaring a flood emergency and to authorize procurement of equipment, services and supplies for such emergencies without giving notice for bids to let contracts. The motion unanimously passed.

AYES: Directors Pierucci, Selvidge, Unruh, Watts & Millwee

NOES: None.

ABSTAINED: None.

ENGINEERS / PROJECTS REPORT

- a) Onyx Ranch
 - i. Operations Report – Mr. Bartel briefed the Board on the status of the Onyx Ranch operations. He also reported that escrow closed on the Onyx Store and various fence repairs are being completed.

- ii. FEMA Disaster Relief Application – Ms. Echeverria briefed the Board on the process and current status to receive funds from FEMA for the repairs required from the flooding at Onyx Ranch.
- b) Improvement Projects – Mr. Nygren reported staff is awaiting the completion of NEPA to break ground on the Bowling/McCaslin recovery well project.

COMMITTEE REPORTS

- a) Groundwater Banking Joint Powers Authority – Mr. Bartel briefed the Board on the GBJPA September 7, 2023 Board meeting.
- b) James Groundwater Banking Authority – No report.
- c) Sustainable Groundwater Management Act
 - i. Water Charge Management Action Implementation – Mr. Taylor reported that staff is continuing to work with counsel and AECOM to finalize the water charge rate study and proposed policies for the Board’s consideration.
 - ii. GSP Deficiency Resolution – Mr. Bartel briefed the Board on the latest Coordination Committee efforts.
 - iii. Temporary Associate Membership KGA – Mr. Bartel updated the Board on the status of the Temporary Associate Membership Agreement with the Kern Groundwater Authority.
- d) Kern Fan Monitoring Committee – No report.
- e) Cross Valley Canal Advisory Committee – No report.
- f) Pioneer Project Committee – No report.
- g) Kern River Watershed Coalition Authority (KRWCA) – Mr. Smith reported the member acreage assessment rate for Kern River Watershed Coalition Authority will be \$3/ACRE.
- h) Kern Fan Authority – Mr. Bartel reported on the Kern Fan Authority August 23, 2023 meeting.
- i) Joint Operating Committee (JOC) – Mr. Barel gave a brief update on the JOC claim received.
- j) Committee for Delta Reliability – No report.
- k) South Valley Water Resources Authority – Mr. Taylor briefed the Board on the Fish Friendly Diversion project.
- l) Valley Ag Water Coalition – Mr. Taylor briefed the Board on the latest bills and measures.
- m) Kern Integrated Regional Water Management Plan – No report.
- n) Sites Reservoir Project – Mr. Taylor briefed the Board on the latest activities.
- o) Association of California Water Agencies – No report.

ATTORNEY’S REPORT

None.

OLD OR NEW BUSINESS

None.

CORRESPONDENCE

None.

PUBLIC COMMENT

None.

CLOSED SESSION

During the meeting, the Board met in closed session, as follows: At 10:01 a.m. President Pierucci announced the Board would meet in closed session. At 11:13 a.m. the Board reconvened to open session and Mr. Raytis announced there were no reportable actions taken in closed session.

ADJOURNMENT

Meeting was adjourned at 11:13 a.m.

BOARD OF DIRECTORS
ROSEDALE-RIO BRAVO WATER STORAGE DISTRICT
MINUTES OF THE SPECIAL BOARD MEETING
September 26, 2023
8:00 a.m.

DIRECTORS PRESENT

Roy Pierucci, Jason Selvidge, Gary Unruh, Barry Watts & Mitch Millwee

DIRECTORS ABSENT

None

OTHERS PRESENT

District Staff / Consultants – Dan Bartel, Trent Taylor, Megan Misuraca, Markus Nygren, Dan Raytis, Zach Smith, Rachele Echeverria, and Monique Roberts (AECOM).

Public –Brad Debranch-Bolthouse, Matt Vickery- Grimmway, Bryan Bone-Sage Creek, Jerret McCaslin-BJ Farms, Maddie Reyes- Illume, Ken Campbell-Driver Road Water Well Assn., Kameron Steward- Steward Legacy Farming Co., Carole Fornoff- Westchester Group, Mark Romanini- Romanini Brothers, Marie Millan- Affentranger Ranches, Hudson Bos-ASB Ranch, Alan B.- Westchester Group, Travis Millwee- Pacific Ag Resources, John Gaugel- Wonderful Orchards, John Zimmerer- BWP

CALL TO ORDER

President Pierucci called the meeting to order at approximately 8:00 a.m.

APPROVAL OF MINUTES

NONE

FINANCIAL REPORT

- a) Review of Proposed Water Charge Policies – Mr. Taylor reviewed the proposed Water Charge Policies in detail with the Board.
- b) Presentation of Water Charge Study – Ms. Roberts gave a detailed presentation on the water charge study that was completed to analyze and develop the proposed Water Charge rate.
- c) Consideration of Resolution No. 535- Proposed Water Charge- Procedures for a Majority Protest Hearing – Setting Date and Time of Public Hearing – Mr. Raytis reviewed Resolution No. 535 in detail with the Board and explained to the Board and the public the procedures for a protest hearing on the implementation of a water charge. Mr. Raytis further explained the notice and example calculation that would be sent to all affected landowners. He explained that the water charge was not being adopted at the meeting; there would be a public hearing on November 14, 2023 at 8:30 that any member of the public could attend and provide comments and/or protests. A motion was made by Director Unruh with a second by Director Selvidge to adopt

Resolution No. 535 Fixing Procedures for a Proposition 218 Majority Protest Hearing Regarding the Water Charge. A roll call vote was taken and the motion unanimously passed.

AYES: Directors Pierucci, Selvidge, Unruh, Millwee and Watts

NOES: None

ABSTAINED: None

OPERATIONS AND MAINTENANCE REPORT

- a) District Groundwater Levels – Mr. Nygren advised the Board and public of current groundwater levels with reference to the District’s minimum thresholds under SGMA.

WATER RESOURCES REPORT

- a) 3rd Party Recharge and Storage Program – Mr. Taylor reviewed the 3rd party Recharge and Storage program with the Board.

MANAGER’S REPORT

No report.

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 process and current status to receive funds from FEMA for the repairs required from the flooding at Onyx Ranch.

COMMITTEE REPORTS

- a) Groundwater Banking Joint Powers Authority – Mr. Bartel reported a 30% plan for Stockdale West has been completed.
- b) Sustainable Groundwater Management Act
 - i. GSA Formation and Withdrawal from KGA – Mr. Bartel reported that the Temporary Associate Membership Agreement with the Kern Groundwater Authority is awaiting execution by the Kern Groundwater Authority.
 - ii. GSP Deficiency Resolution – Mr. Bartel briefed the Board on the latest Coordination Committee efforts.

ATTORNEY’S REPORT

None.

OLD OR NEW BUSINESS

None.

CORRESPONDENCE

None.

PUBLIC COMMENT

Mr. Vickery provided comments to the Board on the Grimmway's recharge project on Stockdale Highway. He said that he'd continued to work with the District's staff to ensure that the project is used.

CLOSED SESSION

NONE

ADJOURNMENT

Meeting was adjourned at 9:48 a.m.

Rosedale- Rio Bravo WSD
RRB Monthly Board Cash Report
 As of September 30, 2023

	<u>Credit</u>	<u>Debit</u>	<u>Balance</u>
10006 · Tri-Counties Bank-Operations			1,085,573.49
Total 10006 · Tri-Counties Bank-Operations	48,134.24	712,193.43	421,514.30
10007 · Tri-Counties Bank-Payroll			151,423.47
Total 10007 · Tri-Counties Bank-Payroll	165,170.90	121,057.04	195,537.33
10100 · General County Fund # 60510			4,427,892.87
Total 10100 · General County Fund # 60510	8,845.00	0.00	4,436,737.87
10101 · Operations County Fund # 60520			48,683.51
Total 10101 · Operations County Fund # 60520			48,683.51
10102 · Bond Debt County Fund # 60526			5,167.88
Total 10102 · Bond Debt County Fund # 60526			5,167.88
10103 · Bond Reserve County Fund #60527			944.96
Total 10103 · Bond Reserve County Fund #60527			944.96
10503 · 2018 COP Reserve Fund Account			1,079,754.56
Total 10503 · 2018 COP Reserve Fund Account	**Balance as of 8/31/2023		1,079,754.56
10504 · 2020 COP W.F. Trust Funds M.M.			515.29
Total 10504 · 2020 COP W.F. Trust Funds M.M.	2.26	0.00	517.55
10551 · Goldman Sachs Money Market			8,659,029.95
Total 10551 · Goldman Sachs Money Market	**Balance as of 8/31/2023		8,659,029.95
TOTAL CASH	<u>222,152.40</u>	<u>833,250.47</u>	<u>14,847,887.91</u>
10550 · Investment AMG - Wells Fargo			12,230,387.34
Total 10550 · Investment AMG - Wells Fargo			12,230,387.34
TOTAL CASH EQUIVALENT	<u>0.00</u>	<u>0.00</u>	<u>12,230,387.34</u>
TOTAL CASH AND CASH EQUIVALENT	<u>222,152.40</u>	<u>833,250.47</u>	<u>27,078,275.25</u>

Rosedale- Rio Bravo WSD
Accounts Payable Report
September 9 through October 6, 2023

Type	Num	Date	Name	Account	Paid Amount
Check		09/30/2023	Tri-Counties Bank	10006 · Tri-Counties Bank-Operations	
				60100 · Bank Service Charges	-35.00
TOTAL					-35.00
Bill Pmt -Check	ACH	09/22/2023	Jeffries Bros., Inc.	10006 · Tri-Counties Bank-Operations	
Bill	134840	09/06/2023	Groundwater Banking, JPA:West Enos Recharge	61800 · Fuel	-350.73
TOTAL					-350.73
Bill Pmt -Check	ACH	09/22/2023	Jeffries Bros., Inc.	10006 · Tri-Counties Bank-Operations	
Bill	135081	09/09/2023	Groundwater Banking, JPA:West Enos Recharge	61800 · Fuel	-1,941.80
TOTAL					-1,941.80
Bill Pmt -Check	ACH	09/22/2023	Jeffries Bros., Inc.	10006 · Tri-Counties Bank-Operations	
Bill	135081	09/09/2023	Groundwater Banking, JPA:West Enos Recharge	61800 · Fuel	-3.00
Bill	135474	09/15/2023	Groundwater Banking, JPA:West Enos Recharge	61800 · Fuel	-1,879.45
TOTAL					-1,882.45
Bill Pmt -Check	ACH	09/26/2023	Jeffries Bros., Inc.	10006 · Tri-Counties Bank-Operations	
Bill	135157	09/11/2023	Groundwater Banking, JPA:West Enos Recharge	61800 · Fuel	-1,863.51
TOTAL					-1,863.51
Bill Pmt -Check	ACH	09/28/2023	Jeffries Bros., Inc.	10006 · Tri-Counties Bank-Operations	
Bill	135319	09/13/2023	Groundwater Banking, JPA:West Enos Recharge	61800 · Fuel	-1,779.69
TOTAL					-1,779.69
Bill Pmt -Check	ACH	10/03/2023	Jeffries Bros., Inc.	10006 · Tri-Counties Bank-Operations	
Bill	135517	09/18/2023	Groundwater Banking, JPA:West Enos Recharge	61800 · Fuel	-2,465.19
TOTAL					-2,465.19
Bill Pmt -Check	ACH	10/05/2023	Jeffries Bros., Inc.	10006 · Tri-Counties Bank-Operations	
Bill	135759	09/20/2023	Groundwater Banking, JPA:West Enos Recharge	61800 · Fuel	-382.23
Bill	135680	09/20/2023	Groundwater Banking, JPA:West Enos Recharge	61800 · Fuel	-1,805.47
TOTAL					-2,187.70
Bill Pmt -Check	2731	09/27/2023	Benjamin P. Ruiz	10006 · Tri-Counties Bank-Operations	
Bill	2023-09-17 Nicoll Hd	09/16/2023	RRBWSD:Onyx Ranch	63005 · Environmental Consultants	-1,800.00
TOTAL					-1,800.00
Bill Pmt -Check	2732	09/27/2023	CA Dept of Fish & Wildlife Central Region	10006 · Tri-Counties Bank-Operations	
Bill	KER-32380-R4 Smith D	09/18/2023	RRBWSD:Onyx Ranch	60200 · Licenses, Permits and Fees	-350.50
TOTAL					-350.50
Bill Pmt -Check	2733	09/27/2023	Coastline Equipment Exchange LLC	10006 · Tri-Counties Bank-Operations	
Bill	1053080	09/06/2023		65001 · Equip. Maint. & Repair	-1,677.61
TOTAL					-1,677.61
Bill Pmt -Check	2734	09/27/2023	Esparza Enterprises, Inc	10006 · Tri-Counties Bank-Operations	
Bill	116965	09/13/2023	RRBWSD:Onyx Ranch	63007 · Other Contracted Services	-3,830.73
Bill	117201	09/20/2023	RRBWSD:Onyx Ranch	63007 · Other Contracted Services	-3,819.90
Bill	117324	09/27/2023	RRBWSD:Onyx Ranch	63007 · Other Contracted Services	-240.00
Bill	117323	09/27/2023	RRBWSD:Onyx Ranch	63007 · Other Contracted Services	-3,587.16
TOTAL					-11,477.79
Bill Pmt -Check	2735	09/27/2023	Hafenfeld Ranch, LLC	10006 · Tri-Counties Bank-Operations	

Rosedale- Rio Bravo WSD
Accounts Payable Report
September 9 through October 6, 2023

Type	Num	Date	Name	Account	Paid Amount
Bill	0031	09/18/2023	RRBWSD:Onyx Ranch	63007 · Other Contracted Services	-4,700.00
TOTAL					-4,700.00
Bill Pmt -Check	2736	09/27/2023	Kern County Water Agency	10006 · Tri-Counties Bank-Operations	
Bill	40533	09/12/2023		61400 · Third Party Project Operations	-7,275.01
TOTAL					-7,275.01
Bill Pmt -Check	2737	09/27/2023	Peachy Clean	10006 · Tri-Counties Bank-Operations	
Bill	July 23	09/14/2023		63500 · Janitorial Expense	-500.00
Bill	August 23	09/14/2023		63500 · Janitorial Expense	-400.00
TOTAL					-900.00
Bill Pmt -Check	2738	09/27/2023	PG&E (3387844223-6)	10006 · Tri-Counties Bank-Operations	
Bill	3387844223-6 Sep 23	09/14/2023	Groundwater Banking, JPA:West Enos Recharge	61300 · SW Pumping Expense	-56.61
TOTAL					-56.61
Bill Pmt -Check	2739	09/27/2023	Rachelle Echeverria - Reimbursement	10006 · Tri-Counties Bank-Operations	
Bill	20230916	09/16/2023		66011 · Technology Fees & Subscriptions	-14.99
TOTAL					-14.99
Bill Pmt -Check	2740	09/27/2023	Southern California Edison (700122257127)	10006 · Tri-Counties Bank-Operations	
Bill	700722257127 Sep 23	09/07/2023	RRBWSD:Onyx Ranch	66000 · Utilities	-18.27
			RRBWSD:Onyx Ranch	66000 · Utilities	-31.71
			RRBWSD:Onyx Ranch	66000 · Utilities	-18.27
			RRBWSD:Onyx Ranch	66000 · Utilities	-72.68
			RRBWSD:Onyx Ranch	66000 · Utilities	-220.35
			RRBWSD:Onyx Ranch	61301 · GW Well Pumping Expense	-105.75
			RRBWSD:Onyx Ranch	66000 · Utilities	-125.52
			RRBWSD:Onyx Ranch	66000 · Utilities	-13.81
			RRBWSD:Onyx Ranch	61301 · GW Well Pumping Expense	-99.96
			RRBWSD:Onyx Ranch	66000 · Utilities	-32.81
TOTAL					-739.13
Bill Pmt -Check	2741	09/27/2023	SSD Alarm	10006 · Tri-Counties Bank-Operations	
Bill	R-00471444	09/15/2023		66000 · Utilities	-237.51
TOTAL					-237.51
Bill Pmt -Check	2742	09/27/2023	Standard Insurance	10006 · Tri-Counties Bank-Operations	
Bill	006492990038 Oct 23	09/14/2023	RRBWSD:Onyx Ranch	20035 · Benefit Liabilities	-62.19
				20035 · Benefit Liabilities	-645.25
TOTAL					-707.44
Bill Pmt -Check	2743	09/27/2023	Thomas Harder & Co., Inc.	10006 · Tri-Counties Bank-Operations	
Bill	22-054-133.7	09/13/2023	JOC	63006 · Hydrogeology Consultants	-9,513.75
TOTAL					-9,513.75
Bill Pmt -Check	2744	09/27/2023	Tuff Carpet Cleaning	10006 · Tri-Counties Bank-Operations	
Bill	3310	09/15/2023		65100 · Building Maintenance	-644.85
TOTAL					-644.85
Bill Pmt -Check	2745	09/27/2023	Tyack's Tire Inc	10006 · Tri-Counties Bank-Operations	
Bill	227162	09/07/2023	RRBWSD:Onyx Ranch	65000 · Auto and Truck Maint. & Repair	-84.95
Bill	227416	09/15/2023	RRBWSD:Onyx Ranch	65000 · Auto and Truck Maint. & Repair	-1,789.77
Bill	227417	09/15/2023	RRBWSD:Onyx Ranch	65001 · Equip. Maint. & Repair	-307.12
Bill	227556	09/20/2023		65001 · Equip. Maint. & Repair	-2,599.93
TOTAL					-4,781.77
Bill Pmt -Check	2746	09/27/2023	United Rentals	10006 · Tri-Counties Bank-Operations	

Rosedale- Rio Bravo WSD
Accounts Payable Report
September 9 through October 6, 2023

Type	Num	Date	Name	Account	Paid Amount
Bill	217254539-008	09/13/2023		61500 · Equipment Rental Expense	-2,370.68
Bill	220648729-005	09/19/2023	RRBWSD:Onyx Ranch	61500 · Equipment Rental Expense	-1,536.07
TOTAL					-3,906.75
Bill Pmt -Check	2747	09/27/2023	Verizon Wireless	10006 · Tri-Counties Bank-Operations	
Bill	9943734119	09/06/2023		66001 · Phone / Internet Expense	-1,639.70
TOTAL					-1,639.70
Bill Pmt -Check	2748	09/27/2023	CA Dept of Fish & Wildlife Central Region	10006 · Tri-Counties Bank-Operations	
Bill	1600-2016-0142 23Bne	09/20/2023	RRBWSD:Onyx Ranch	60200 · Licenses, Permits and Fees	-350.50
TOTAL					-350.50
Bill Pmt -Check	2749	09/27/2023	CA Dept of Fish & Wildlife Central Region	10006 · Tri-Counties Bank-Operations	
Bill	1600-2016-0142 23Nic	09/20/2023	RRBWSD:Onyx Ranch	60200 · Licenses, Permits and Fees	-350.50
TOTAL					-350.50
Bill Pmt -Check	2750	09/27/2023	CA Dept of Fish & Wildlife Central Region	10006 · Tri-Counties Bank-Operations	
Bill	1600-2016-0142 23Mac	09/20/2023	RRBWSD:Onyx Ranch	60200 · Licenses, Permits and Fees	-350.50
TOTAL					-350.50
Total AP to be Ratified					-63,980.98
Bill Pmt -Check	2751	10/06/2023	ACWA JPIA (W/C,Auto,GL,Prop)	10006 · Tri-Counties Bank-Operations	
Bill	2023-09-15	09/14/2023		41000 · Other Income	-85.00
TOTAL					-85.00
Bill Pmt -Check	2752	10/06/2023	Barnes Welding Supply	10006 · Tri-Counties Bank-Operations	
Bill	0063251218	09/15/2023		61650 · Operating Supplies	-61.65
TOTAL					-61.65
Bill Pmt -Check	2753	10/06/2023	Buena Vista GSA	10006 · Tri-Counties Bank-Operations	
Bill	Funding Req #3 - Rev	09/13/2023	RRBWSD:SGMA	61450 · Regulatory Program Compliance	-7,997.25
TOTAL					-7,997.25
Bill Pmt -Check	2754	10/06/2023	Builders Mart	10006 · Tri-Counties Bank-Operations	
Bill	4612 Aug 23	09/01/2023	RRBWSD:Onyx Ranch	61650 · Operating Supplies	-805.52
TOTAL					-805.52
Bill Pmt -Check	2755	10/06/2023	Environmental Science Associates	10006 · Tri-Counties Bank-Operations	
Bill	188680	09/22/2023	RRBWSD:SGMA	66011 · Technology Fees & Subscriptions	-249.00
TOTAL					-249.00
Bill Pmt -Check	2756	10/06/2023	ESRI	10006 · Tri-Counties Bank-Operations	
Bill	26153756	09/01/2023		66011 · Technology Fees & Subscriptions	-440.00
TOTAL					-440.00
Bill Pmt -Check	2757	10/06/2023	GEI Consultants, Inc	10006 · Tri-Counties Bank-Operations	
Bill	3138361	09/14/2023		63004 · Engineering Services	-147.50
TOTAL					-147.50
Bill Pmt -Check	2758	10/06/2023	JSC Agricultural Supply	10006 · Tri-Counties Bank-Operations	
Bill	342435	09/15/2023	RRBWSD:Onyx Ranch	61650 · Operating Supplies	-411.35
TOTAL					-411.35
Bill Pmt -Check	2759	10/06/2023	Kern Groundwater Authority	10006 · Tri-Counties Bank-Operations	

Rosedale- Rio Bravo WSD
Accounts Payable Report
September 9 through October 6, 2023

Type	Num	Date	Name	Account	Paid Amount
Bill	KG202482	09/01/2023	RRBWSD:SGMA	61450 · Regulatory Program Compliance	-20,038.46
TOTAL					-20,038.46
Bill Pmt -Check	2760	10/06/2023	Mission Uniform Service	10006 · Tri-Counties Bank-Operations	
Bill	520007510	09/08/2023		63500 · Janitorial Expense	-92.51
Bill	520097875	09/22/2023		63500 · Janitorial Expense	-92.51
Bill	520039740	09/22/2023		63500 · Janitorial Expense	-77.70
TOTAL					-262.72
Bill Pmt -Check	2761	10/06/2023	Oasis Air & Solar	10006 · Tri-Counties Bank-Operations	
Bill	F-8750	09/14/2023		65100 · Building Maintenance	-475.00
TOTAL					-475.00
Bill Pmt -Check	2762	10/06/2023	Office1	10006 · Tri-Counties Bank-Operations	
Bill	AR1010162	09/08/2023		62001 · Printing & Reproduction	-159.20
TOTAL					-159.20
Bill Pmt -Check	2763	10/06/2023	R & G FARMS	10006 · Tri-Counties Bank-Operations	
Bill	635	09/12/2023		65001 · Equip. Maint. & Repair	-1,659.22
TOTAL					-1,659.22
Bill Pmt -Check	2764	10/06/2023	ROSEDALE AUTOMOTIVE INC	10006 · Tri-Counties Bank-Operations	
Bill	83743	09/20/2023		65000 · Auto and Truck Maint. & Repair	-308.86
TOTAL					-308.86
Bill Pmt -Check	2765	10/06/2023	Abate-A-Weed	10006 · Tri-Counties Bank-Operations	
Bill	1019669	09/21/2023	RRBWSD:Onyx Ranch	61650 · Operating Supplies	-57.15
TOTAL					-57.15
Bill Pmt -Check	2766	10/06/2023	ACWA - JPIA (Benefits)	10006 · Tri-Counties Bank-Operations	
Bill	0700750	10/03/2023		20035 · Benefit Liabilities	-15,341.02
TOTAL					-15,341.02
Bill Pmt -Check	2767	10/06/2023	ACWA JPIA (W/C,Auto,GL,Prop)	10006 · Tri-Counties Bank-Operations	
Bill	2023-09-21	09/21/2023		41000 · Other Income	-85.00
TOTAL					-85.00
Bill Pmt -Check	2768	10/06/2023	Barnes Welding Supply	10006 · Tri-Counties Bank-Operations	
Bill	0091632202	09/30/2023		61500 · Equipment Rental Expense	-41.64
TOTAL					-41.64
Bill Pmt -Check	2769	10/06/2023	Briggs Mfg, Inc.	10006 · Tri-Counties Bank-Operations	
Bill	3482	09/26/2023	RRBWSD:Onyx Ranch	70000 · Capital Water Structure Expense	-15,638.66
TOTAL					-15,638.66
Bill Pmt -Check	2770	10/06/2023	Christensen, Inc.	10006 · Tri-Counties Bank-Operations	
Bill	275681CT	09/30/2023	RRBWSD:Onyx Ranch	61800 · Fuel	-610.19
TOTAL				61800 · Fuel	-3,211.24
					-3,821.43
Bill Pmt -Check	2771	10/06/2023	Comptel Services	10006 · Tri-Counties Bank-Operations	
Bill	52322	09/20/2023		66011 · Technology Fees & Subscriptions	-94.00
TOTAL					-94.00
Bill Pmt -Check	2772	10/06/2023	CTL, Inc.	10006 · Tri-Counties Bank-Operations	

Rosedale- Rio Bravo WSD
Accounts Payable Report
September 9 through October 6, 2023

Type	Num	Date	Name	Account	Paid Amount
Bill	Onyx-Electric Hookup	09/22/2023	RRBWSD:Onyx Ranch	70000 · Capital Water Structure Expense	-8,500.00
TOTAL					-8,500.00
Bill Pmt -Check	2773	10/06/2023	EquipmentShare	10006 · Tri-Counties Bank-Operations	
Bill	BFL-3021938-0001	10/02/2023		61500 · Equipment Rental Expense	-2,995.11
TOTAL					-2,995.11
Bill Pmt -Check	2774	10/06/2023	Esparza Enterprises, Inc	10006 · Tri-Counties Bank-Operations	
Bill	117574	10/04/2023	RRBWSD:Onyx Ranch	63007 · Other Contracted Services	-3,530.46
TOTAL					-3,530.46
Bill Pmt -Check	2775	10/06/2023	Heather Durham Reimbursement	10006 · Tri-Counties Bank-Operations	
Bill	20230929	09/29/2023		62000 · General Office Expense	-38.95
TOTAL					-38.95
Bill Pmt -Check	2776	10/06/2023	James Water Bank Authority JPA	10006 · Tri-Counties Bank-Operations	
Bill	Invoice #4	09/21/2023	James Water Bank Authority	61400 · Third Party Project Operations	-300.96
TOTAL					-300.96
Bill Pmt -Check	2777	10/06/2023	Jordan Kaufman - KCTTC	10006 · Tri-Counties Bank-Operations	
Bill	12/11/23 321-030-02	09/27/2023	RRBWSD:Onyx Ranch	68000 · Taxes - Property	-6,347.42
Bill	12/11/23 321-030-05	09/27/2023	RRBWSD:Onyx Ranch	68000 · Taxes - Property	-5,792.16
Bill	12/11/23 321-030-11	09/27/2023	RRBWSD:Onyx Ranch	68000 · Taxes - Property	-610.94
Bill	12/11/23 321-030-12	09/27/2023	RRBWSD:Onyx Ranch	68000 · Taxes - Property	-20.91
Bill	12/11/23 321-030-13	09/27/2023	RRBWSD:Onyx Ranch	68000 · Taxes - Property	-5,910.23
Bill	12/11/23 321-030-15	09/27/2023	RRBWSD:Onyx Ranch	68000 · Taxes - Property	-82.12
Bill	12/11/23 321-030-16	09/27/2023	RRBWSD:Onyx Ranch	68000 · Taxes - Property	-3,021.49
Bill	12/11/23 321-030-17	09/27/2023	RRBWSD:Onyx Ranch	68000 · Taxes - Property	-6,740.03
Bill	12/11/23 321-030-21	09/27/2023	RRBWSD:Onyx Ranch	68000 · Taxes - Property	-5,541.47
Bill	12/11/23 321-040-03	09/27/2023	RRBWSD:Onyx Ranch	68000 · Taxes - Property	-3,877.59
Bill	12/11/23 321-040-04	09/27/2023	RRBWSD:Onyx Ranch	68000 · Taxes - Property	-828.27
Bill	12/11/23 321-040-10	09/27/2023	RRBWSD:Onyx Ranch	68000 · Taxes - Property	-366.68
Bill	12/11/23 321-061-01	09/27/2023	RRBWSD:Onyx Ranch	68000 · Taxes - Property	-136.78
Bill	12/11/23 321-061-05	09/27/2023	RRBWSD:Onyx Ranch	68000 · Taxes - Property	-310.00
Bill	12/11/23 321-181-01	09/27/2023	RRBWSD:Onyx Ranch	68000 · Taxes - Property	-417.91
Bill	12/11/23 426-032-11	09/27/2023	RRBWSD:Onyx Ranch	68000 · Taxes - Property	-2,148.81
Bill	12/11/23 426-032-12	09/27/2023	RRBWSD:Onyx Ranch	68000 · Taxes - Property	-5,544.76
Bill	12/11/23 426-032-14	09/27/2023	RRBWSD:Onyx Ranch	68000 · Taxes - Property	-4,209.05
Bill	12/11/23 426-034-10	09/27/2023	RRBWSD:Onyx Ranch	68000 · Taxes - Property	-153.29
Bill	12/11/23 426-035-02	09/27/2023	RRBWSD:Onyx Ranch	68000 · Taxes - Property	-720.11
Bill	12/11/23 426-080-04	09/27/2023	RRBWSD:Onyx Ranch	68000 · Taxes - Property	-288.71
TOTAL					-53,068.73
Bill Pmt -Check	2778	10/06/2023	Kern Machinery	10006 · Tri-Counties Bank-Operations	
Bill	103-1099590	09/28/2023		65001 · Equip. Maint. & Repair	-560.50
TOTAL					-560.50
Bill Pmt -Check	2779	10/06/2023	L&M Lumber	10006 · Tri-Counties Bank-Operations	
Bill	752215	09/30/2023	RRBWSD:Onyx Ranch	60200 · Licenses, Permits and Fees	-10.03
TOTAL					-10.03
Bill Pmt -Check	2780	10/06/2023	Lamont Fence Company	10006 · Tri-Counties Bank-Operations	
Bill	14270	09/27/2023	RRBWSD:Onyx Ranch	70000 · Capital Water Structure Expense	-9,470.00
TOTAL					-9,470.00
Bill Pmt -Check	2781	10/06/2023	Peachy Clean	10006 · Tri-Counties Bank-Operations	
Bill	September 23	09/24/2023		63500 · Janitorial Expense	-400.00
TOTAL					-400.00

Rosedale- Rio Bravo WSD
Accounts Payable Report
September 9 through October 6, 2023

Type	Num	Date	Name	Account	Paid Amount
Bill Pmt -Check	2782	10/06/2023	PG&E (0439653883-9)	10006 · Tri-Counties Bank-Operations	
Bill	0439653883-9 Oct 23	09/30/2023	RRBWSD-IRWD:Strand Ranch	61300 · SW Pumping Expense	-315.34
TOTAL					-315.34
Bill Pmt -Check	2783	10/06/2023	PG&E (1091941045-5)	10006 · Tri-Counties Bank-Operations	
Bill	1091941045-5 Oct 23	10/02/2023		61300 · SW Pumping Expense	-18,421.99
TOTAL					-18,421.99
Bill Pmt -Check	2784	10/06/2023	PG&E (1338232537-4)	10006 · Tri-Counties Bank-Operations	
Bill	1338232537-4 Oct 23	10/02/2023	RRBWSD-IRWD:SUP Wells	61301 · GW Well Pumping Expense	-1,705.10
TOTAL					-1,705.10
Bill Pmt -Check	2785	10/06/2023	PG&E (3923107207-3)	10006 · Tri-Counties Bank-Operations	
Bill	3923107207-3 Oct 23	10/02/2023	RRBWSD-IRWD:Strand Ranch	61301 · GW Well Pumping Expense	-1,166.11
TOTAL					-1,166.11
Bill Pmt -Check	2786	10/06/2023	PG&E (5592643715-7)	10006 · Tri-Counties Bank-Operations	
Bill	5592643715-7 Oct 23	10/02/2023	RRBWSD:WB Wells	61301 · GW Well Pumping Expense	-22.41
TOTAL					-22.41
Bill Pmt -Check	2787	10/06/2023	PG&E (5919499601-9)	10006 · Tri-Counties Bank-Operations	
Bill	5919499601-9 Oct 23	10/02/2023	RRBWSD:Enns Wells	61301 · GW Well Pumping Expense	-197.88
TOTAL					-197.88
Bill Pmt -Check	2788	10/06/2023	PG&E (8190181094-5)	10006 · Tri-Counties Bank-Operations	
Bill	8190181094-5 Oct 23	10/02/2023		61301 · GW Well Pumping Expense	-33.95
TOTAL					-33.95
Bill Pmt -Check	2789	10/06/2023	Quinn Company	10006 · Tri-Counties Bank-Operations	
Bill	25820702	10/03/2023	RRBWSD:Onyx Ranch	61500 · Equipment Rental Expense	-1,031.89
TOTAL					-1,031.89
Bill Pmt -Check	2790	10/06/2023	Rosedale Kern Properties LLC	10006 · Tri-Counties Bank-Operations	
Bill	20231004	10/04/2023		68000 · Taxes - Property	-45,949.72
TOTAL					-45,949.72
Bill Pmt -Check	2791	10/06/2023	Safeguard Business Systems	10006 · Tri-Counties Bank-Operations	
Bill	9002646750	09/30/2023		62000 · General Office Expense	-506.72
TOTAL					-506.72
Bill Pmt -Check	2792	10/06/2023	Southern California Edison (700102049704)	10006 · Tri-Counties Bank-Operations	
Bill	700102049704 Sep 23	09/29/2023	RRBWSD:Onyx Ranch	66000 · Utilities	-200.81
TOTAL					-200.81
Bill Pmt -Check	2793	10/06/2023	Southern California Edison (700511405161)	10006 · Tri-Counties Bank-Operations	
Bill	700511405161 Sep 23	09/29/2023	RRBWSD:Onyx Ranch	66000 · Utilities	-54.66
TOTAL					-54.66
Bill Pmt -Check	2794	10/06/2023	Spaletta Law	10006 · Tri-Counties Bank-Operations	
Bill	12249	09/20/2023	RRBWSD:Onyx Ranch	63000 · Legal Services	-7,350.00
TOTAL					-7,350.00
Bill Pmt -Check	2795	10/06/2023	Spectrum Business	10006 · Tri-Counties Bank-Operations	
Bill	1355119100123	10/05/2023		66001 · Phone / Internet Expense	-149.98

Rosedale- Rio Bravo WSD
Accounts Payable Report
September 9 through October 6, 2023

	<u>Type</u>	<u>Num</u>	<u>Date</u>	<u>Name</u>	<u>Account</u>	<u>Paid Amount</u>
TOTAL						-149.98
	Bill Pmt -Check	2796	10/06/2023	SUPERIOR SANITATION	10006 · Tri-Counties Bank-Operations	
	Bill	3A100335	10/01/2023		66000 · Utilities	-231.68
TOTAL						-231.68
	Bill Pmt -Check	2797	10/06/2023	TARGET SPECIALTY PRODUCTS	10006 · Tri-Counties Bank-Operations	
	Bill	INVP501282453	09/19/2023		65500 · Weed Contol/Chemicals	-2,986.62
TOTAL						-2,986.62
	Bill Pmt -Check	2798	10/06/2023	Workforce go!	10006 · Tri-Counties Bank-Operations	
	Bill	INV-0029351	10/01/2023		60001 · Payroll Expense	-62.28
TOTAL						-62.28
	Bill Pmt -Check	2799	10/06/2023	Barry Watts	10006 · Tri-Counties Bank-Operations	
	Bill	September 2023	09/26/2023		62007 · Directors' Fees	-402.62
TOTAL						-402.62
	Bill Pmt -Check	2800	10/06/2023	Belden Blaine Raytis, LLP	10006 · Tri-Counties Bank-Operations	
	Bill	21461	10/04/2023	RRBWSD:CVC Litigation	63000 · Legal Services	-269.17
	Bill	21460	10/04/2023	RRBWSD:SGMA	63000 · Legal Services	-570.00
				RRBWSD:Onyx Ranch	63000 · Legal Services	-1,923.75
				JOC	63000 · Legal Services	-498.75
					63000 · Legal Services	-21,117.50
				RRBWSD:CVC Litigation	63000 · Legal Services	-356.25
					63000 · Legal Services	-285.00
	Bill	21459	10/04/2023	RRBWSD:Onyx Ranch	63000 · Legal Services	-12,999.75
TOTAL						-38,020.17
	Bill Pmt -Check	2801	10/06/2023	Computershare	10006 · Tri-Counties Bank-Operations	
	Bill	2266249	10/03/2023		88100 · COP Administration Expense	-5,000.00
TOTAL						-5,000.00
	Bill Pmt -Check	2802	10/06/2023	Gary Unruh	10006 · Tri-Counties Bank-Operations	
	Bill	September 2023	09/28/2023		62007 · Directors' Fees	-1,088.03
TOTAL						-1,088.03
	Bill Pmt -Check	2803	10/06/2023	Jason Selvidge	10006 · Tri-Counties Bank-Operations	
	Bill	September 2023	09/26/2023		62007 · Directors' Fees	-627.07
TOTAL						-627.07
	Bill Pmt -Check	2804	10/06/2023	Mitch Millwee	10006 · Tri-Counties Bank-Operations	
	Bill	September 2023	09/26/2023		62007 · Directors' Fees	-311.79
TOTAL						-311.79
	Bill Pmt -Check	2805	10/06/2023	Roy Pierucci	10006 · Tri-Counties Bank-Operations	
	Bill	September 2023	09/28/2023		62007 · Directors' Fees	-951.35
TOTAL						-951.35
	Bill Pmt -Check	2806	10/06/2023	Tri Counties Bank	10006 · Tri-Counties Bank-Operations	
	Bill	3913 Sep 2023	09/30/2023		62000 · General Office Expense	-137.04
					62000 · General Office Expense	-35.03
					66001 · Phone / Internet Expense	-5.03
					66011 · Technology Fees & Subscriptions	-128.11
					62000 · General Office Expense	-41.33
					62000 · General Office Expense	-41.23
					62009 · Postage and Delivery	-121.06
					62000 · General Office Expense	-81.39

Rosedale- Rio Bravo WSD
Accounts Payable Report
September 9 through October 6, 2023

Type	Num	Date	Name	Account	Paid Amount	
				62000 · General Office Expense	-125.29	
				62000 · General Office Expense	-568.01	
				62000 · General Office Expense	-520.42	
				62000 · General Office Expense	-45.20	
				62000 · General Office Expense	-24.27	
				61650 · Operating Supplies	-546.55	
				61650 · Operating Supplies	-341.59	
				61650 · Operating Supplies	-7.78	
				61650 · Operating Supplies	-71.80	
				61650 · Operating Supplies	-103.36	
			RRBWSD:Onyx Ranch	65000 · Auto and Truck Maint. & Repair	-130.32	
			RRBWSD:Onyx Ranch	61650 · Operating Supplies	-19.61	
				65001 · Equip. Maint. & Repair	-34.67	
				65000 · Auto and Truck Maint. & Repair	-252.45	
			RRBWSD:Onyx Ranch	65001 · Equip. Maint. & Repair	-1,384.56	
			Groundwater Banking, JPA:West Enos Recharge	61800 · Fuel	-46.23	
				65001 · Equip. Maint. & Repair	-536.85	
				65000 · Auto and Truck Maint. & Repair	-783.18	
			RRBWSD:Onyx Ranch	70000 · Capital Water Structure Expense	-1,914.67	
				65000 · Auto and Truck Maint. & Repair	-15.54	
				66011 · Technology Fees & Subscriptions	-178.38	
				66011 · Technology Fees & Subscriptions	-84.96	
				62000 · General Office Expense	-311.37	
				62000 · General Office Expense	-12.59	
				62000 · General Office Expense	-13.65	
				62000 · General Office Expense	-9.45	
				62000 · General Office Expense	-50.28	
				61650 · Operating Supplies	-56.69	
				65000 · Auto and Truck Maint. & Repair	-8.25	
				61800 · Fuel	-17.48	
				61650 · Operating Supplies	-12.05	
				61800 · Fuel	-88.53	
				61800 · Fuel	-169.92	
				61800 · Fuel	-13.65	
				62000 · General Office Expense	-12.50	
				65000 · Auto and Truck Maint. & Repair	-96.85	
				61650 · Operating Supplies	-346.43	
				61650 · Operating Supplies	-43.69	
				66001 · Phone / Internet Expense	-2.90	
				65000 · Auto and Truck Maint. & Repair	-25.24	
				65000 · Auto and Truck Maint. & Repair	-96.85	
				62000 · General Office Expense	-69.57	
				65000 · Auto and Truck Maint. & Repair	-121.32	
TOTAL					-9,905.17	
					Total AP Current	-\$283,747.71
					Total AP Current + Ratified	-\$347,728.69

Rosedale- Rio Bravo WSD
Revenue and Expenditures
 January through September 2023

	TOTAL			
	Sep 23	Jan - Sep 23	Budget	% of Budget
Ordinary Income/Expense				
Income				
40000 · Assesment Income	0.00	5,807,810.86	5,809,040.00	99.98%
40010 · Prior Year Assesment Income	8,845.00	176,815.00	18,000.00	982.31%
40503 · SW Pumping Reimbursement	0.00	0.00	50,000.00	0.0%
40506 · Groundwater Mitigation Income	0.00	280.15	100,000.00	0.28%
40507 · O & M Reimbursement Income	0.00	22,486.05	175,000.00	12.85%
40508 · Groundwater Banking Income	0.00	5,481,949.00	5,481,949.00	100.0%
40509 · Lease Income	31,703.50	64,346.36	70,000.00	91.92%
40510 · Groundwater Recovery Reimb.	0.00	739,290.56	6,250,000.00	11.83%
40511 · Non-Reoccurring Water Sale	0.00	0.00	3,250,000.00	0.0%
40600 · Interest Income	2,925.39	854,137.01	300,000.00	284.71%
41000 · Other Income	12,412.35	13,561.57	5,000.00	271.23%
41001 · Refunds and Credits	37,105.66	39,627.66	150,000.00	26.42%
41005 · Income from Sale of Asset	0.00	360,918.20		
41010 · Grant Income	0.00	3,110.90	1,600,000.00	0.19%
41050 · Resource Management Income	50,683.89	119,372.72	100,000.00	119.37%
Total Income	143,675.79	13,683,706.04	23,358,989.00	58.58%
Gross Profit	143,675.79	13,683,706.04	23,358,989.00	58.58%
Expense				
60000 · Wages and Salaries Expense	113,125.09	1,076,297.49	1,484,000.00	72.53%
60001 · Payroll Expense	2,320.73	21,159.55	33,000.00	64.12%
Total 60005 · Benefits Health,Dent.Life.Vis.D	11,534.82	108,743.79	180,000.00	60.41%
60006 · Benefits- CalPers Retirement	9,300.38	175,138.01	210,000.00	83.4%
60007 · Workers Compensation Insurance	2,282.32	20,390.05	33,000.00	61.79%
60100 · Bank Service Charges	73.30	1,452.99	4,000.00	36.33%
60110 · Assesment Expense	0.00	0.00	125,000.00	0.0%
60200 · Licenses, Permits and Fees	1,412.03	45,293.95	10,000.00	452.94%
61000 · KCWA SWP Expense	0.00	4,171,924.00	3,477,791.00	119.96%
61001 · City of Bak. Basic Contract Exp	0.00	656,899.62	585,000.00	112.29%
61050 · Other Water Purch Expense	0.00	506,347.50	250,000.00	202.54%
61300 · SW Pumping Expense	371.95	211,980.98	200,000.00	105.99%
61301 · GW Well Pumping Expense	205.71	861,335.67	8,000,000.00	10.77%
61350 · Groundwater Mitigation Expense	40.00	3,971.00	50,000.00	7.94%
61400 · Third Party Project Operations	111,095.97	782,994.11	1,144,000.00	68.44%
61401 · Delta Conveyance Project Expens	0.00	757,720.00	757,720.00	100.0%
61450 · Regulatory Program Compliance	28,035.71	60,887.06	60,000.00	101.48%
61500 · Equipment Rental Expense	8,078.23	42,379.93	50,000.00	84.76%
61650 · Operating Supplies	4,114.53	27,540.68	30,000.00	91.8%
61655 · Water Quality Testing	1,894.50	13,319.54	50,000.00	26.64%
61660 · Property Lease Expense	0.00	71,604.00	61,200.00	117.0%
61800 · Fuel	30,677.63	182,758.03	90,000.00	203.06%
62000 · General Office Expense	3,302.11	14,051.75	25,000.00	56.21%
62001 · Printing & Reproduction	159.20	1,432.80	12,000.00	11.94%
62003 · Publications and Notices	0.00	4,439.50	2,000.00	221.98%
62005 · Dues and Membership	0.00	47,550.00	83,675.00	56.83%
62007 · Directors' Fees	3,380.86	24,051.82	35,000.00	68.72%
62008 · Educational Expenses	60.00	5,134.64	5,000.00	102.69%
62009 · Postage and Delivery	236.25	1,092.69	3,500.00	31.22%
63000 · Legal Services	35,156.07	262,146.09	500,000.00	52.43%
63002 · Audit and Accounting Services	0.00	31,100.00	40,000.00	77.75%
63004 · Engineering Services	8,201.21	69,144.30	50,000.00	138.29%
63005 · Environmental Consultants	1,800.00	35,950.00	50,000.00	71.9%

Rosedale- Rio Bravo WSD
Revenue and Expenditures
 January through September 2023

	TOTAL			
	Sep 23	Jan - Sep 23	Budget	% of Budget
63006 · Hydrogeology Consultants	9,513.75	74,723.75	100,000.00	74.72%
63007 · Other Contracted Services	121,270.57	334,925.99	150,000.00	223.28%
63010 · GL/Property/Auto Insurance Prem	0.00	77,112.09	70,000.00	110.16%
63500 · Janitorial Expense	1,562.72	6,415.02	9,000.00	71.28%
64000 · Water Transaction Fees	0.00	13,473.00	50,000.00	26.95%
65000 · Auto and Truck Maint. & Repair	3,814.56	24,738.81	25,000.00	98.96%
65001 · Equip. Maint. & Repair	10,225.01	49,822.49	50,000.00	99.65%
65002 · Mileage Reimbursement Expense	0.00	120.52	500.00	24.1%
65100 · Building Maintenance	1,245.36	40,240.57	15,000.00	268.27%
65101 · Water Structure Maintenance	0.00	59,169.43	20,000.00	295.85%
65200 · Booster Pump Maintenance Exp.	0.00	0.00	20,000.00	0.0%
65201 · Well Maintenance Expense	0.00	60,974.40	100,000.00	60.97%
65500 · Weed Contol/Chemicals	6,124.79	68,613.06	100,000.00	68.61%
66000 · Utilities	1,846.73	13,184.73	14,000.00	94.18%
66001 · Phone / Internet Expense	2,340.26	10,982.16	16,000.00	68.64%
66011 · Technology Fees & Subscriptions	1,472.37	27,175.19	62,000.00	43.83%
67000 · Travel Expense	0.00	8,325.93	5,000.00	166.52%
68000 · Taxes - Property	53,068.73	129,875.11	200,000.00	64.94%
70000 · Capital Water Structure Expense	34,149.10	134,261.30	500,000.00	26.85%
70001 · Capital Building Expense	0.00	4,959.03	75,000.00	6.61%
70100 · Capital Booster Pump	0.00	0.00	50,000.00	0.0%
70101 · Capital Well Expenses	0.00	122,661.00	1,200,000.00	10.22%
70200 · Capital Engineering Consult Exp	0.00	56,917.50	250,000.00	22.77%
70201 · Capital Environmental Cons Exp.	0.00	0.00	50,000.00	0.0%
70500 · Capital - Auto and Truck Exp.	0.00	44,255.71	50,000.00	88.51%
70501 · Capital Equipment Expense	0.00	30,860.43	120,000.00	25.72%
70600 · Capital Office Equipment Expens	959.29	2,420.29	18,000.00	13.45%
70602 · Capital Land Expense	0.00	1,534,080.63	532,194.00	288.26%
70700 · Third Party Projects- Capital	0.00	851,000.00	4,833,000.00	17.61%
80001 · Prior Year Expense	0.00	566,494.12		
88004 · 2020 COP- Debt Service Expense	120,891.74	3,528,025.66	3,930,597.00	89.76%
88100 · COP Administration Expense	0.00	0.00	5,500.00	0.0%
Total Expense	745,343.58	18,172,039.46	30,311,677.00	59.95%
Net Income	-601,667.79	-4,488,333.42	-6,952,688.00	64.56%

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](#)

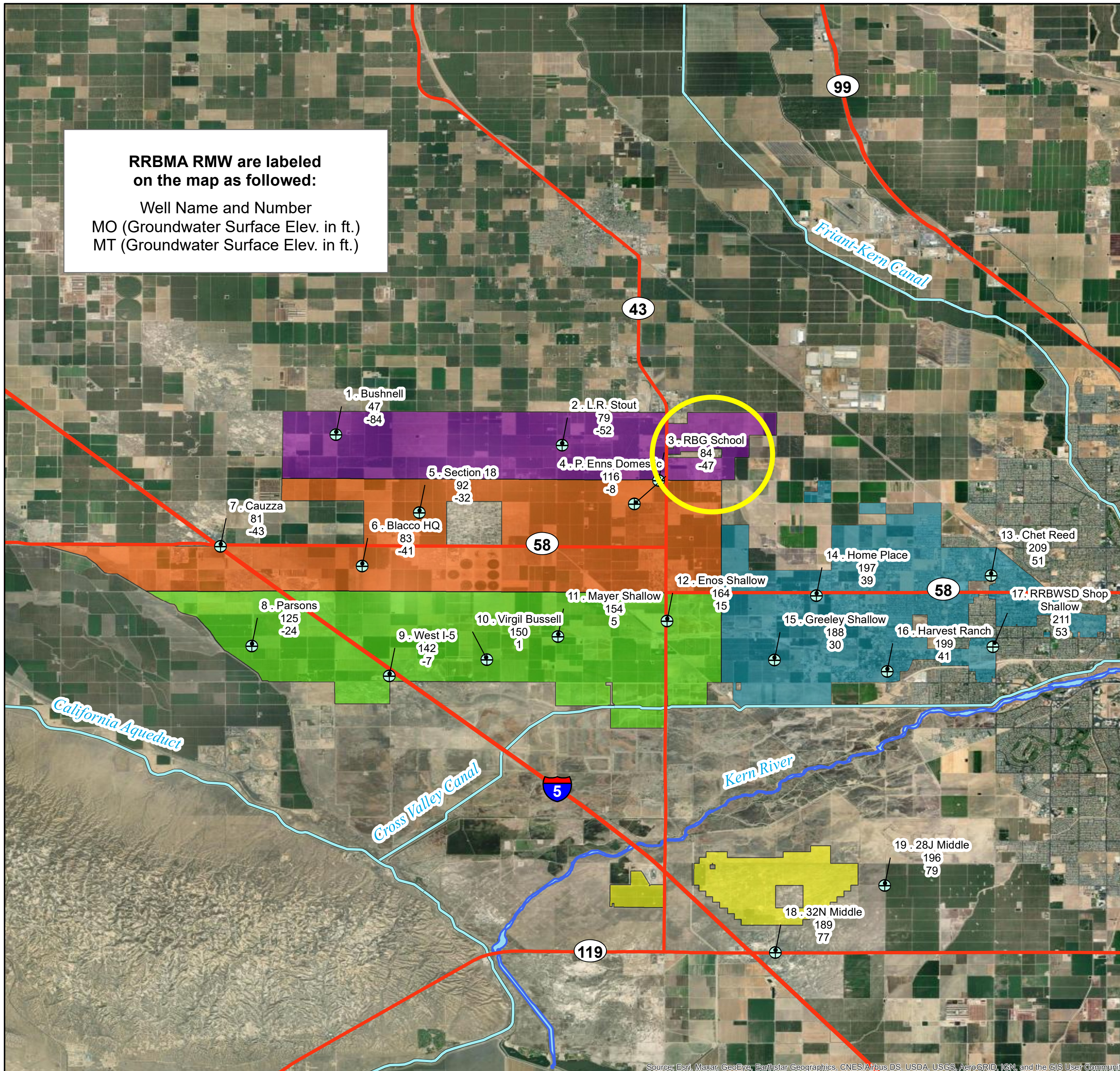
[Water Charge Rate Study](#)

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

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



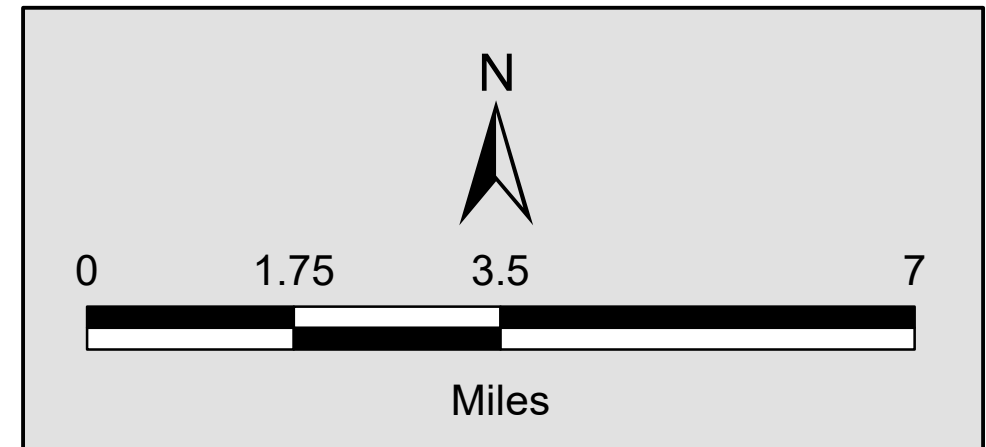
RRBMA Monitoring Areas - RMW Water Level MOs and MTs



Legend

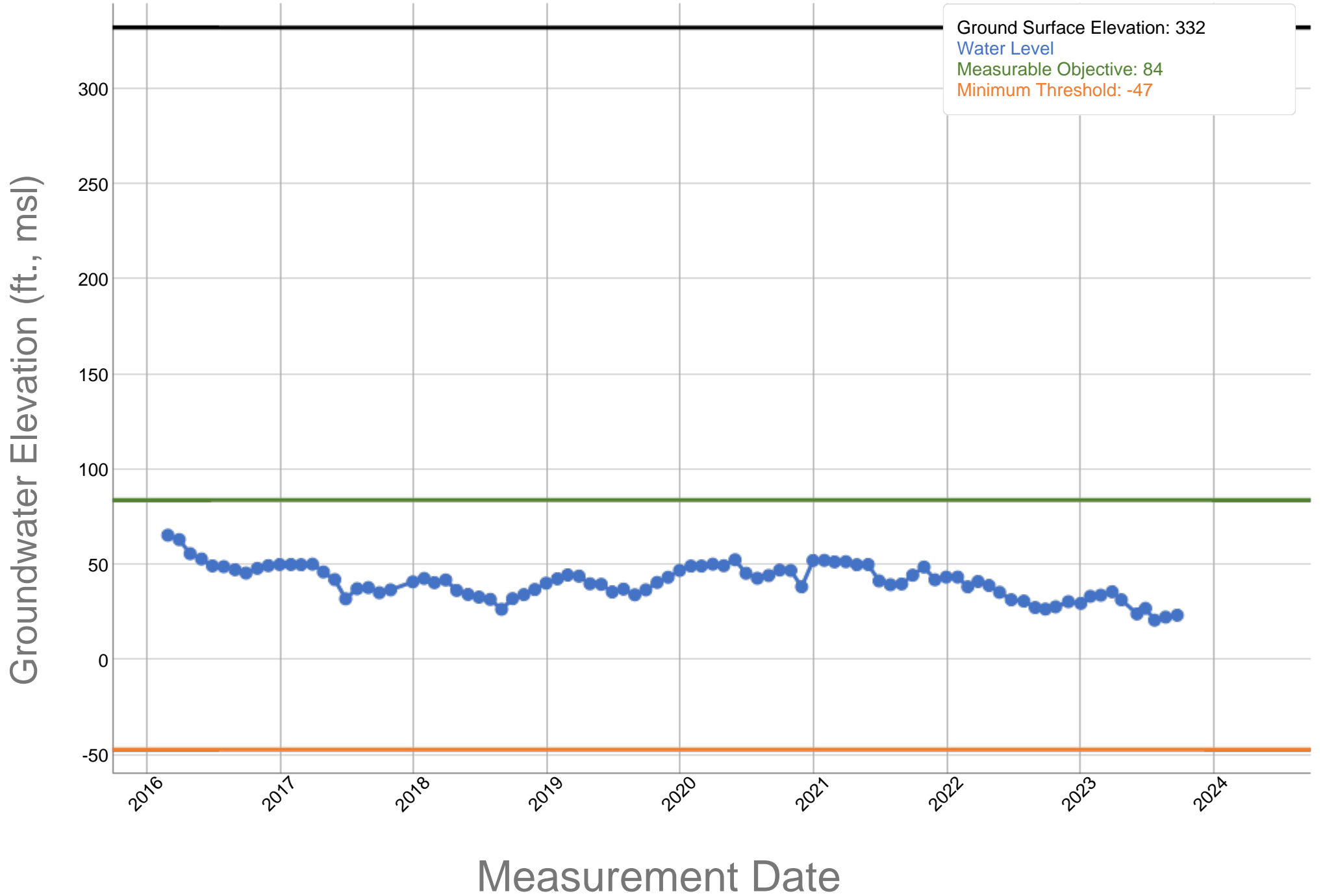
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- Major Conveyance Facilities
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- South of the River Monitoring Area

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 MO = Measurable Objective
 MT = Minimum Threshold*

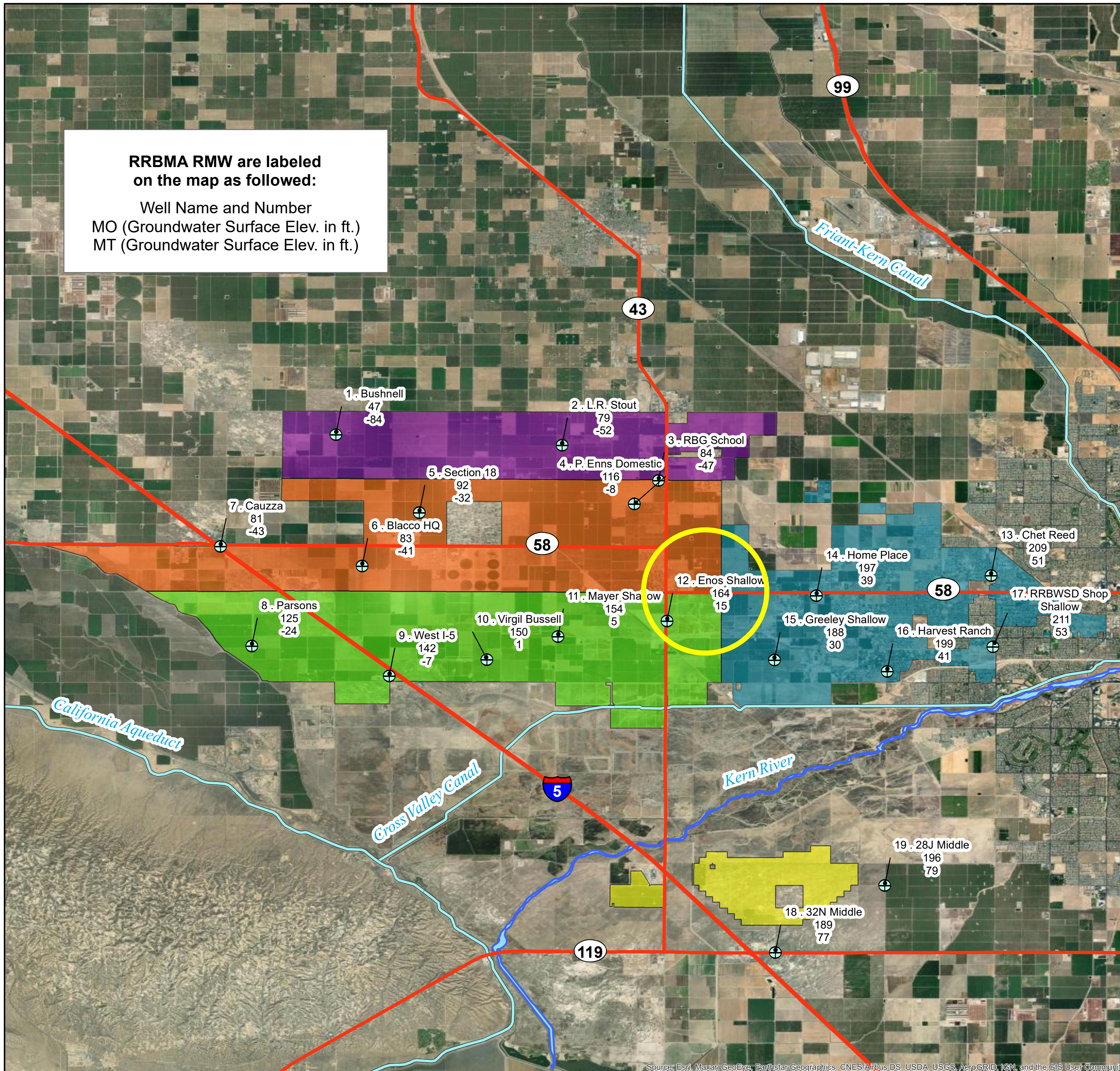


Source: Esri, Maxar, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community

Rosedale-Rio Bravo GSA - RBG School - 354197N1192544W001



RRBMA Monitoring Areas - RMW Water Level MOs and MTs



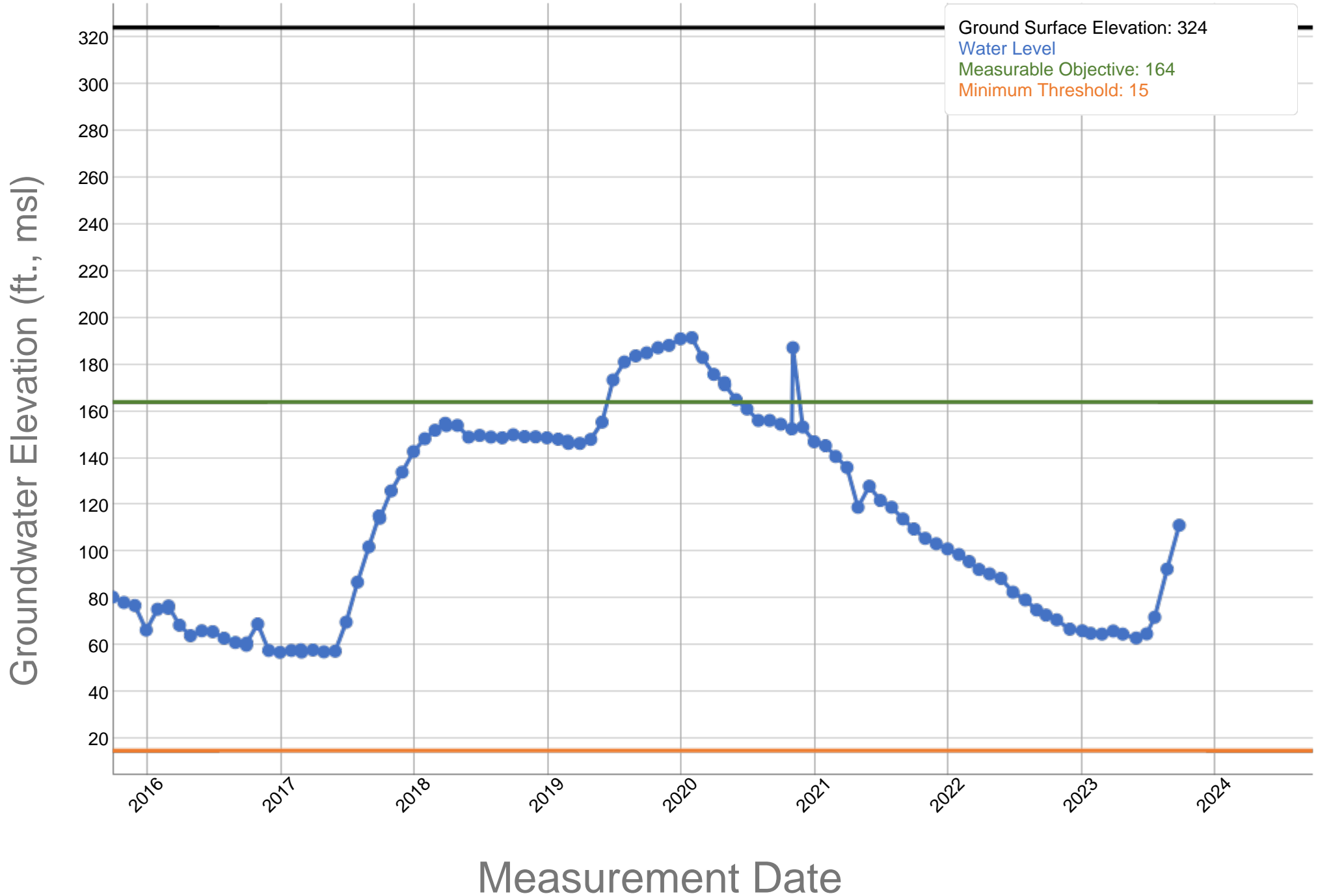
Legend

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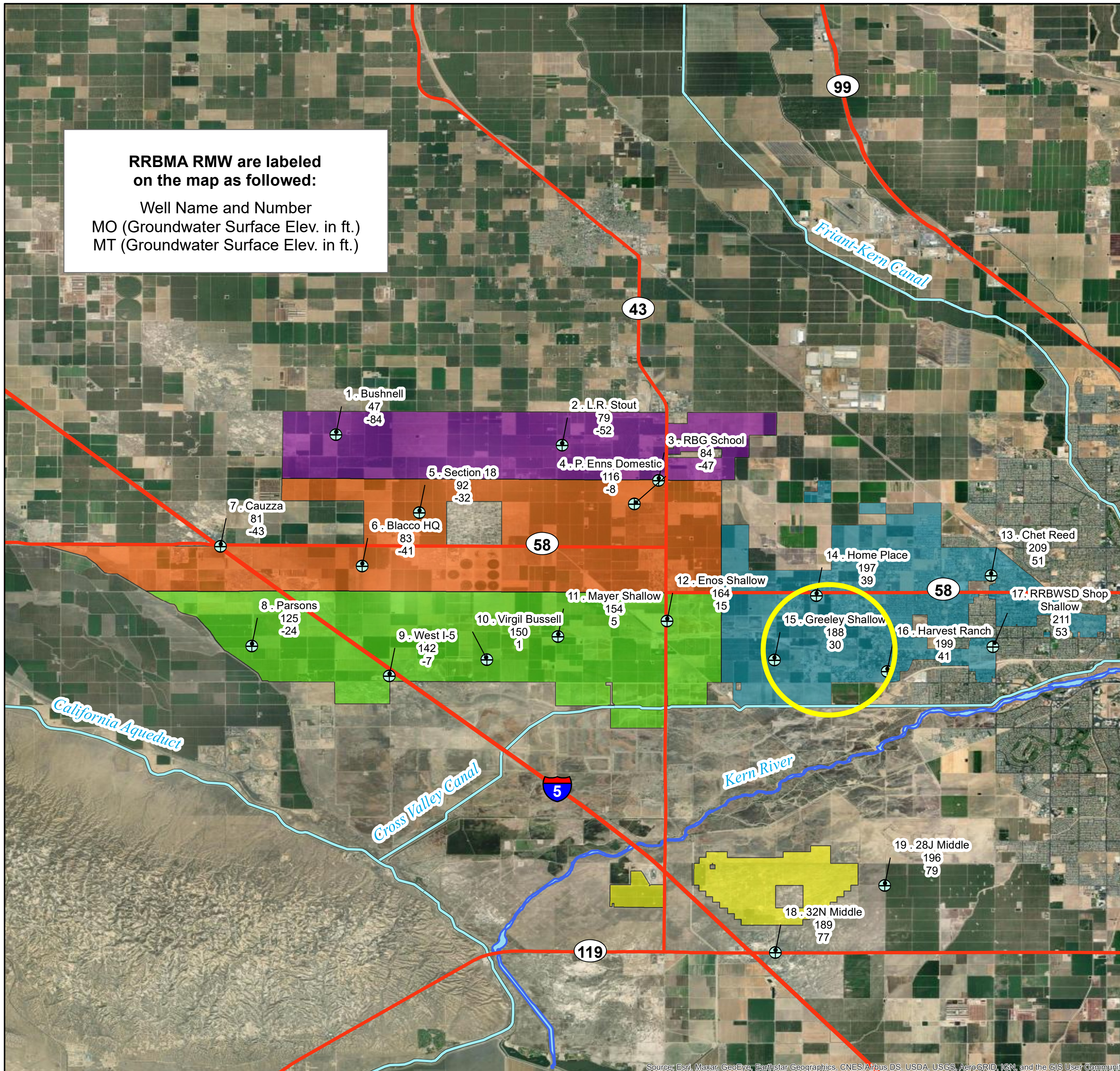
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Rosedale-Rio Bravo Water Storage District - 25M Enos - 353760N1192498W002



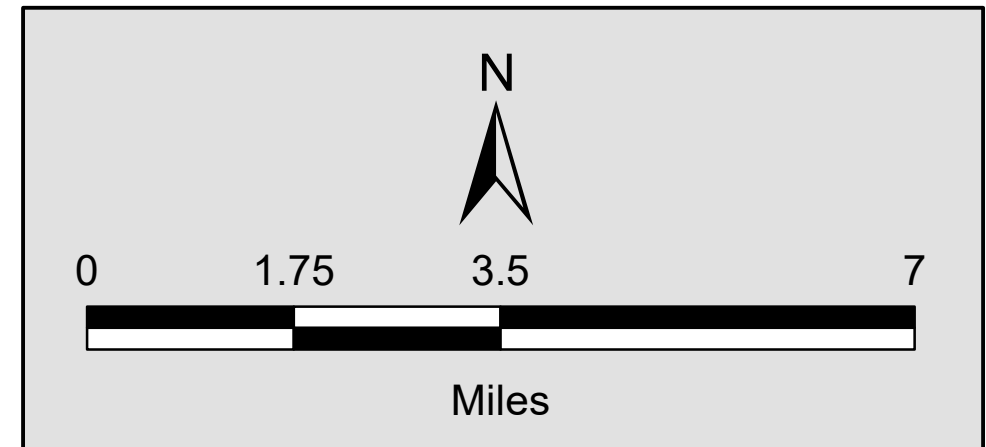
RRBMA Monitoring Areas - RMW Water Level MOs and MTs



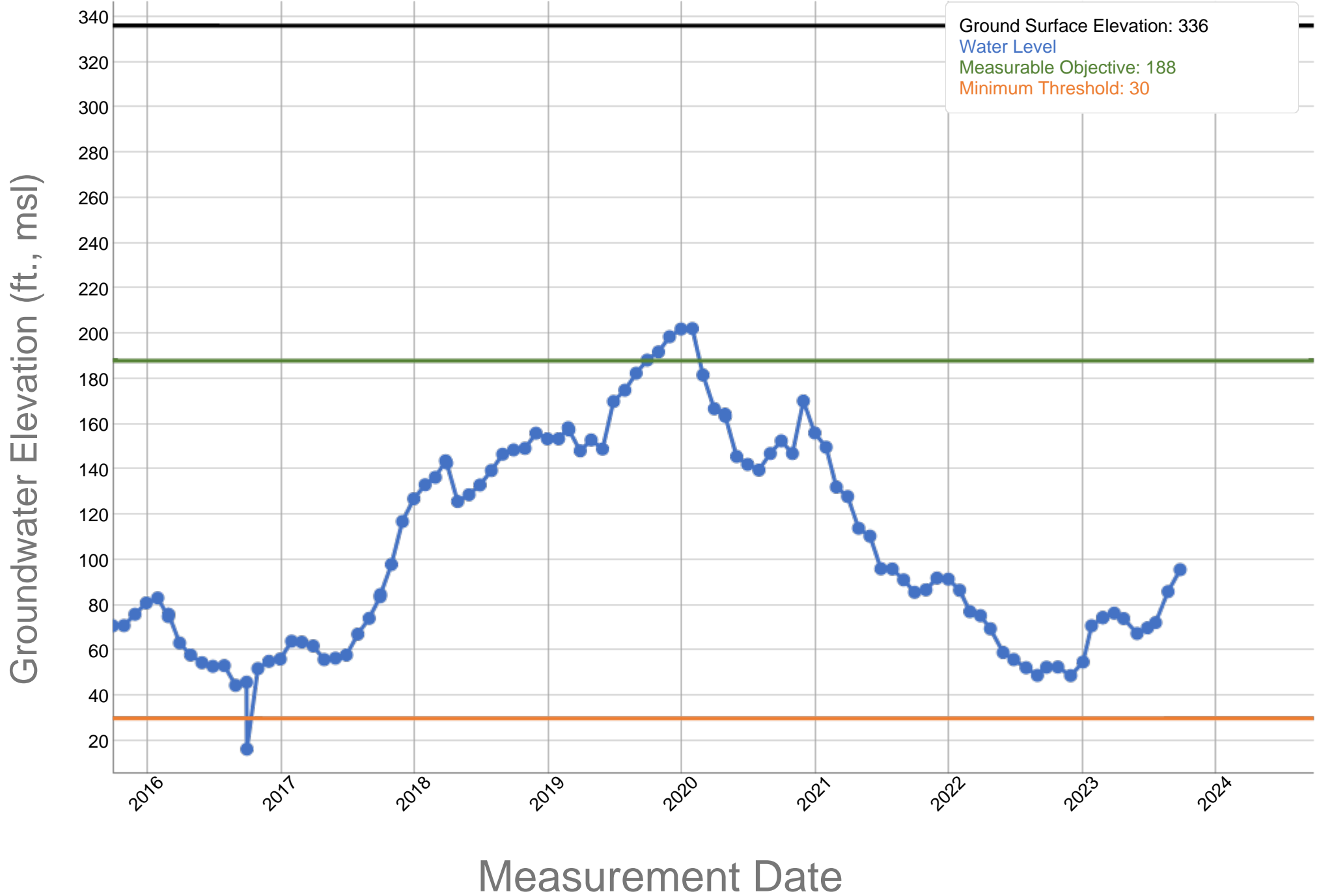
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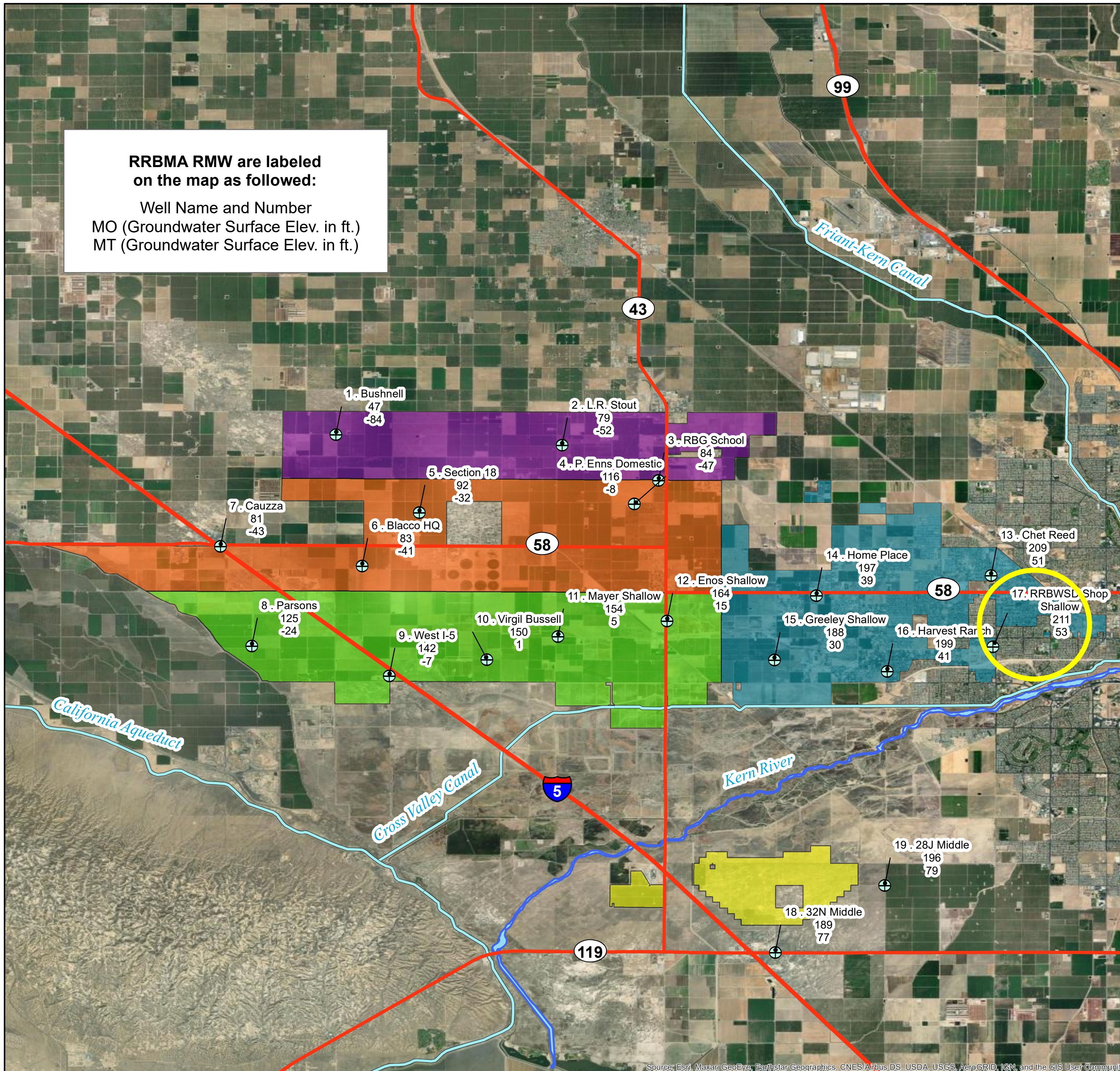
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Rosedale-Rio Bravo Water Storage District - 31H Greeley - 353618N1192169W001



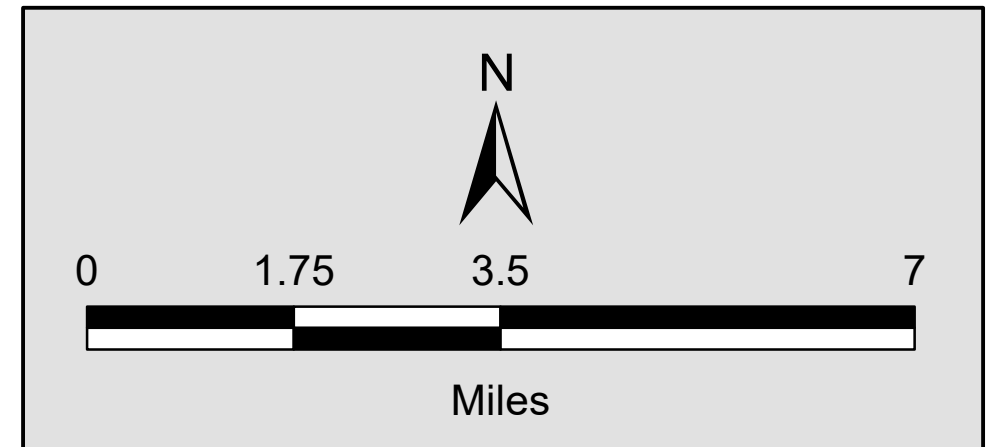
RRBMA Monitoring Areas - RMW Water Level MOs and MTs



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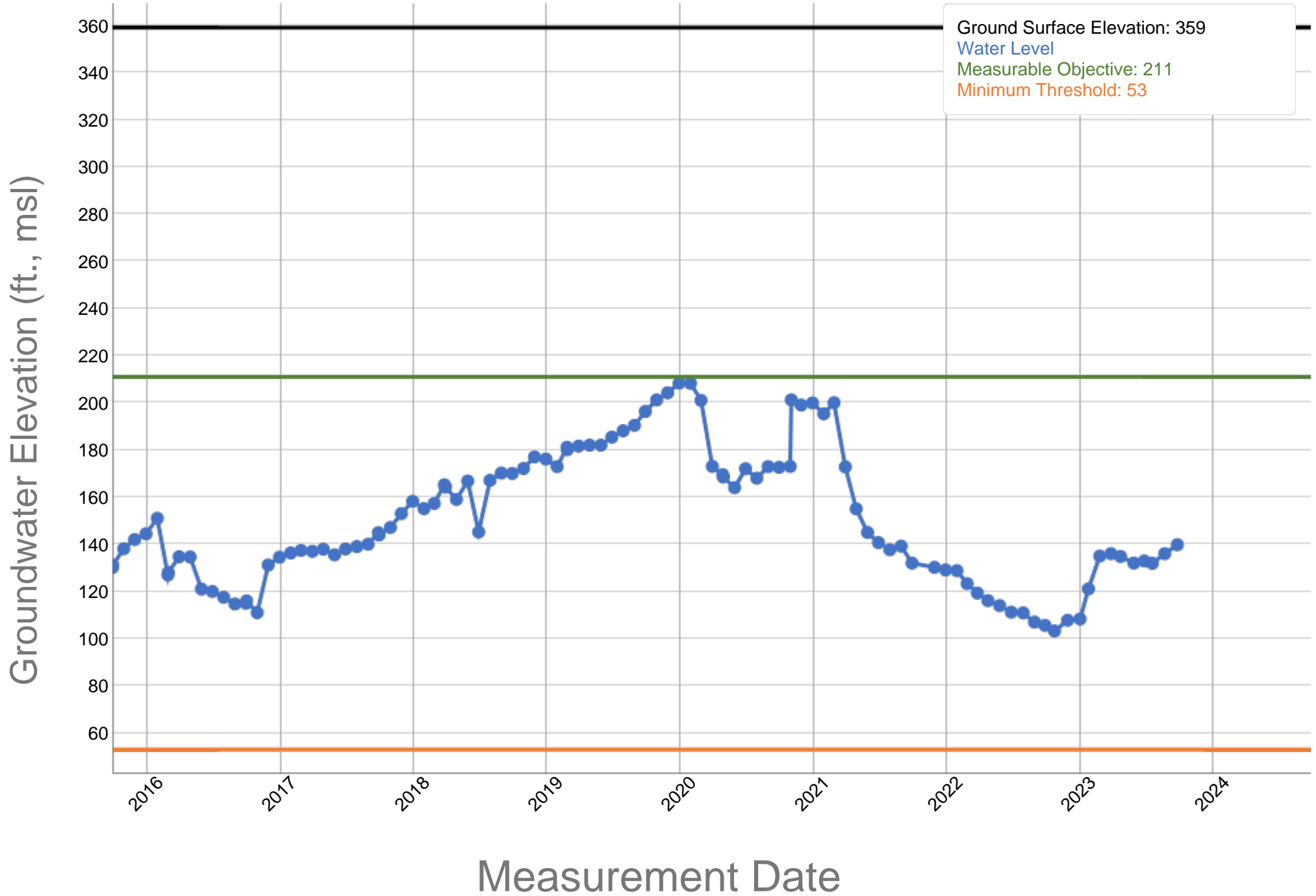
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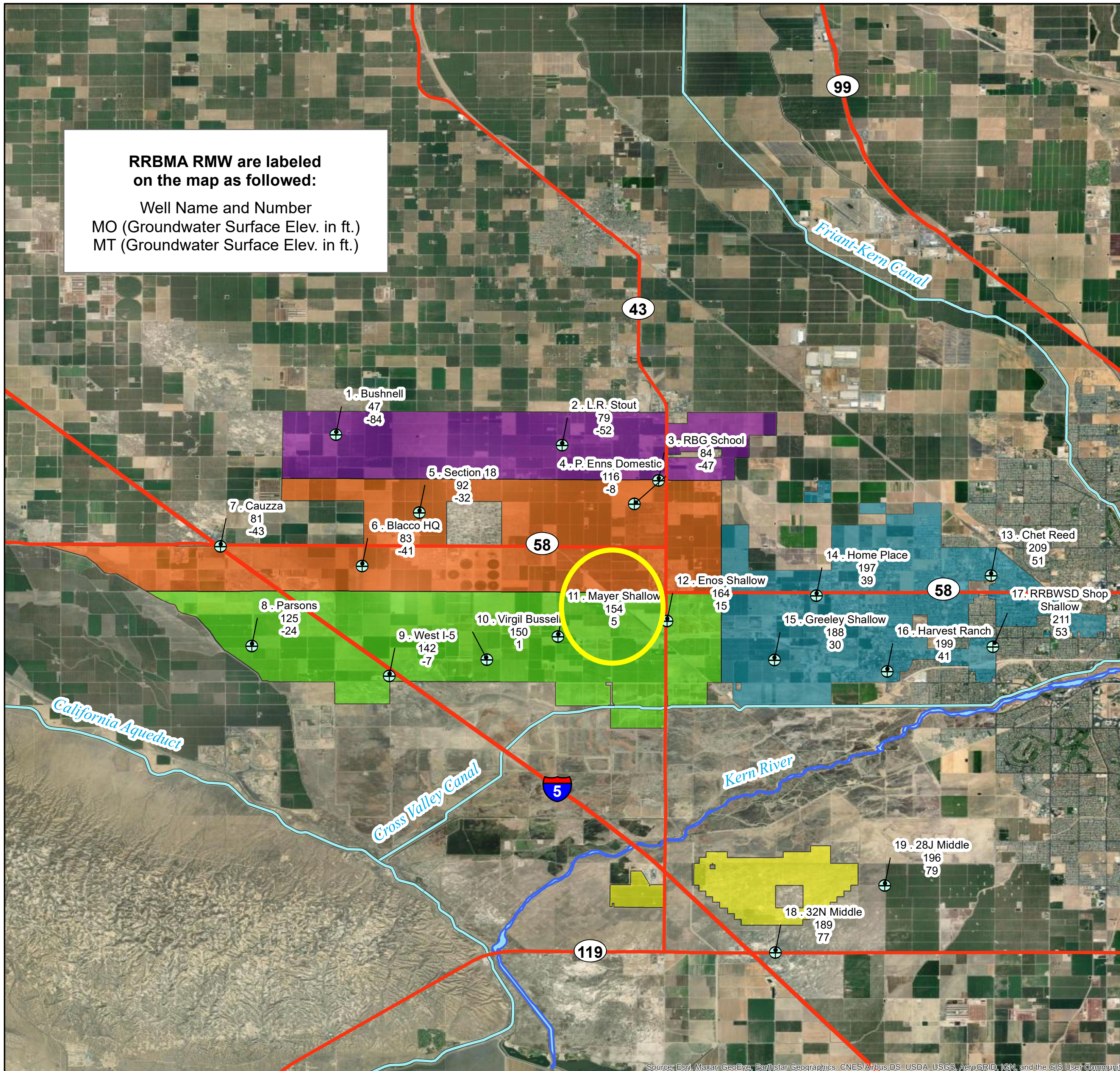


Source: Esri, Maxar, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community

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



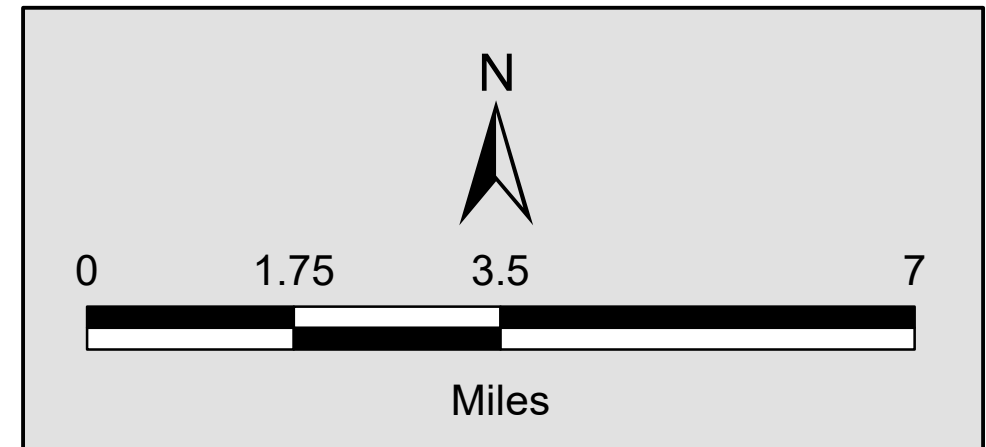
RRBMA Monitoring Areas - RMW Water Level MOs and MTs



Legend

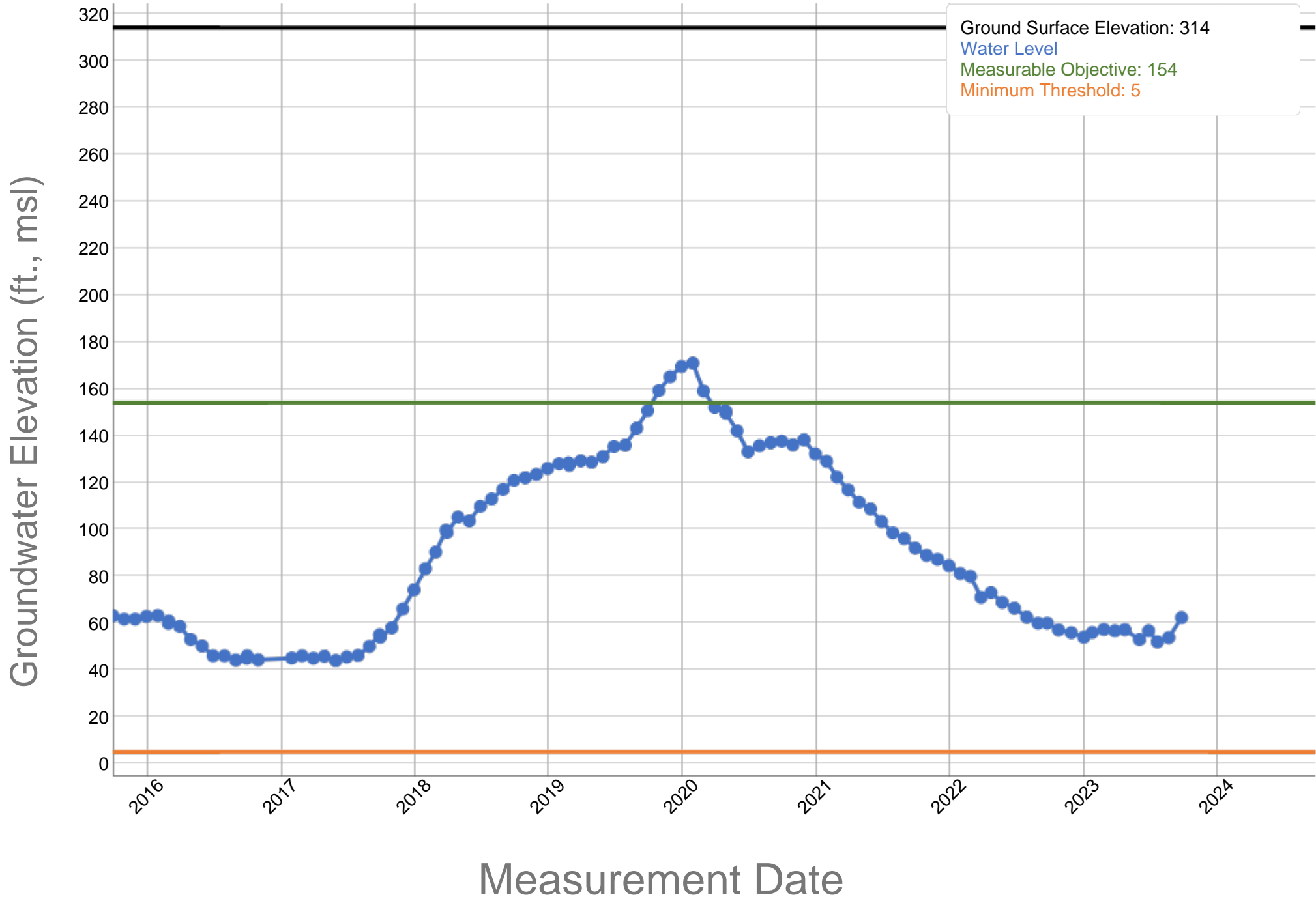
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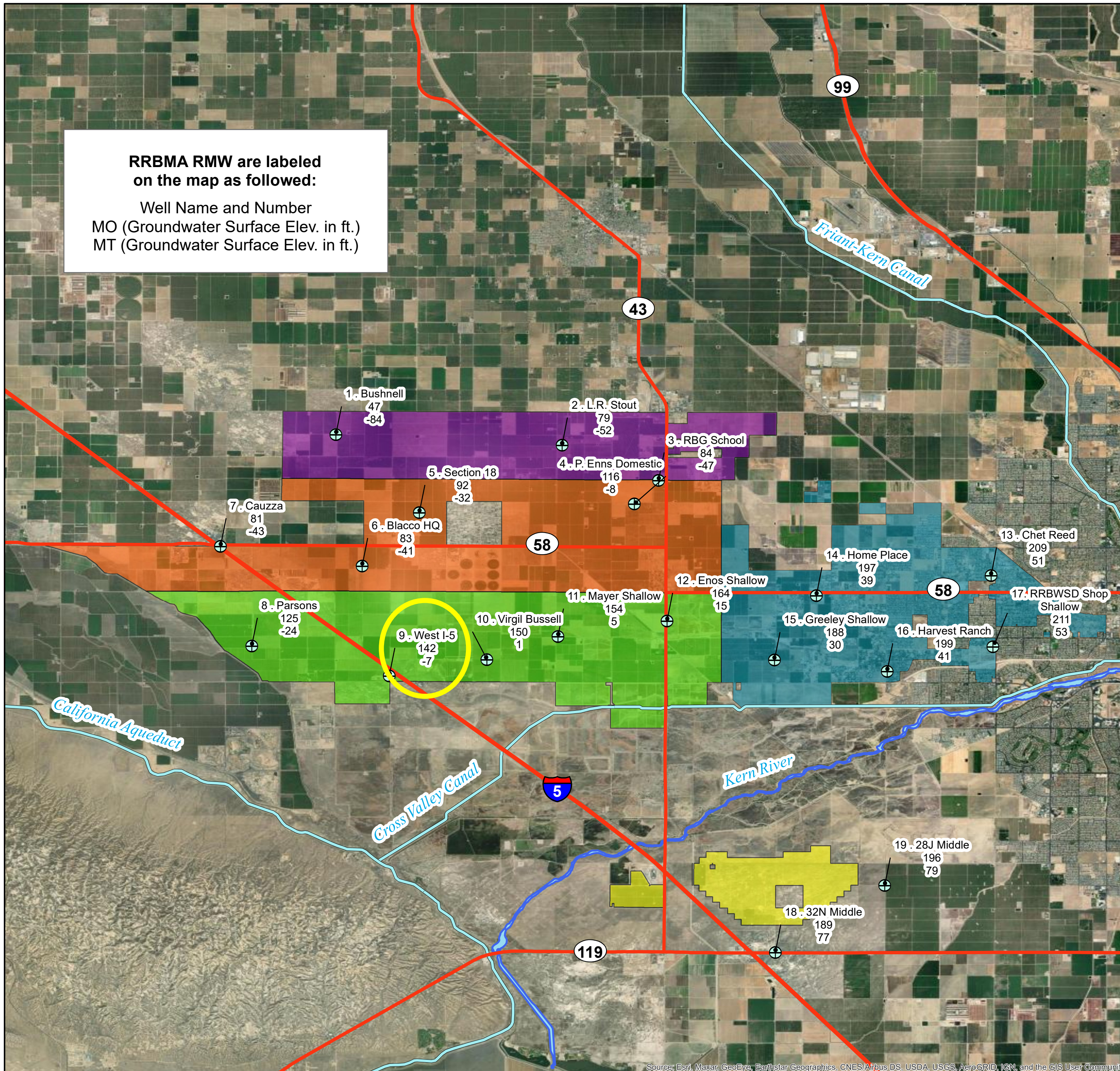


Source: Esri, Maxar, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community

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



RRBMA Monitoring Areas - RMW Water Level MOs and MTs



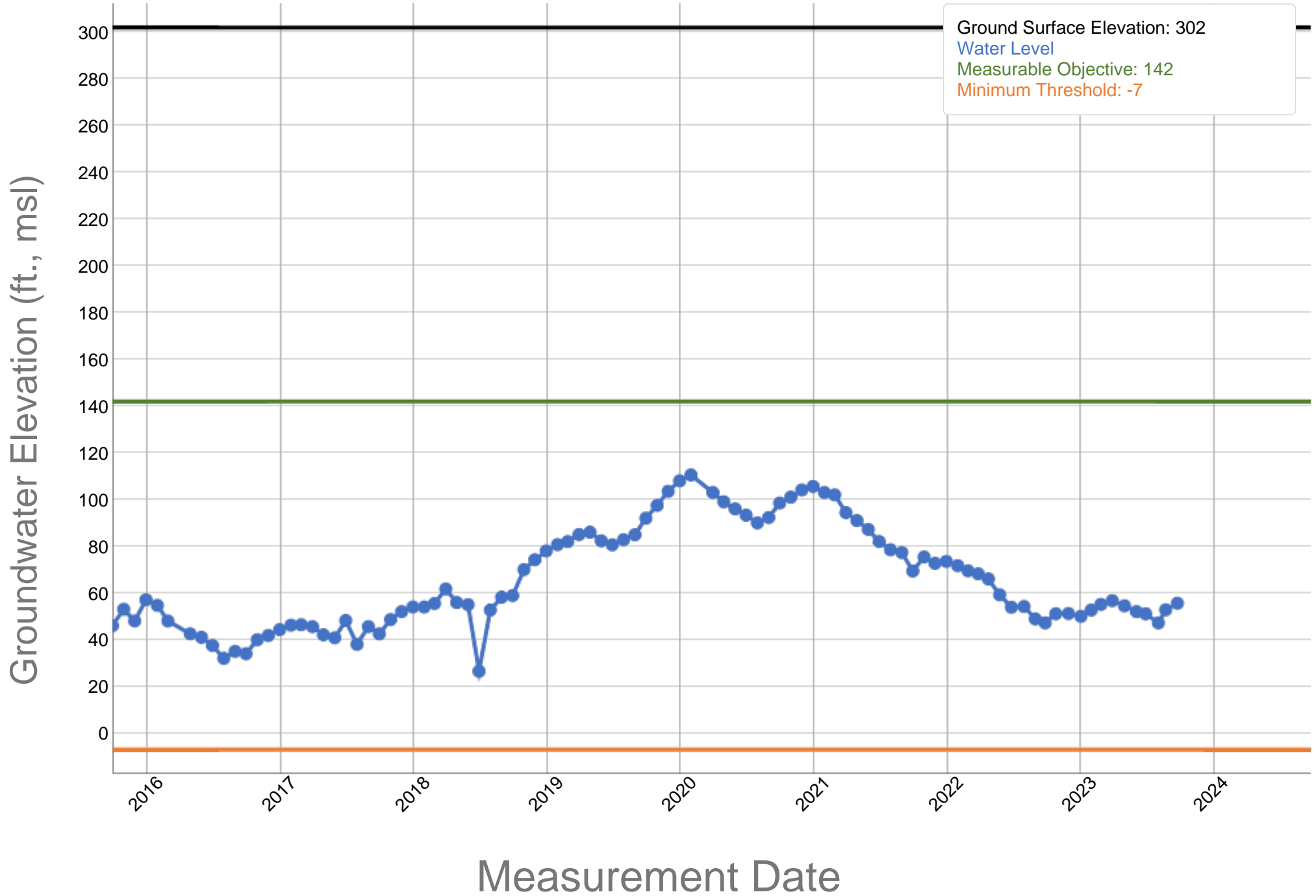
Legend

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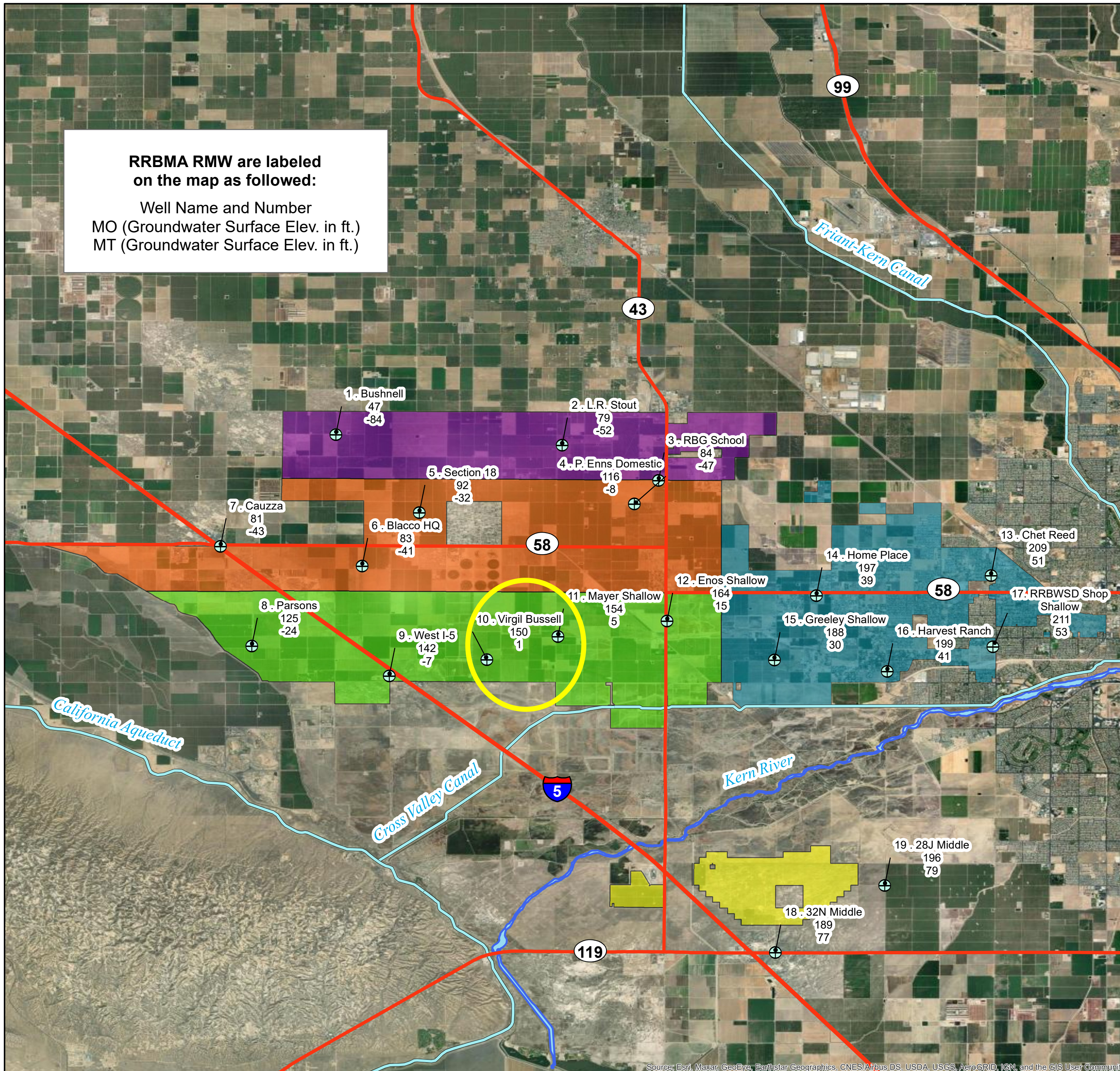
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Rosedale-Rio Bravo Water Storage District - West I-5 - 353564N1193412W001



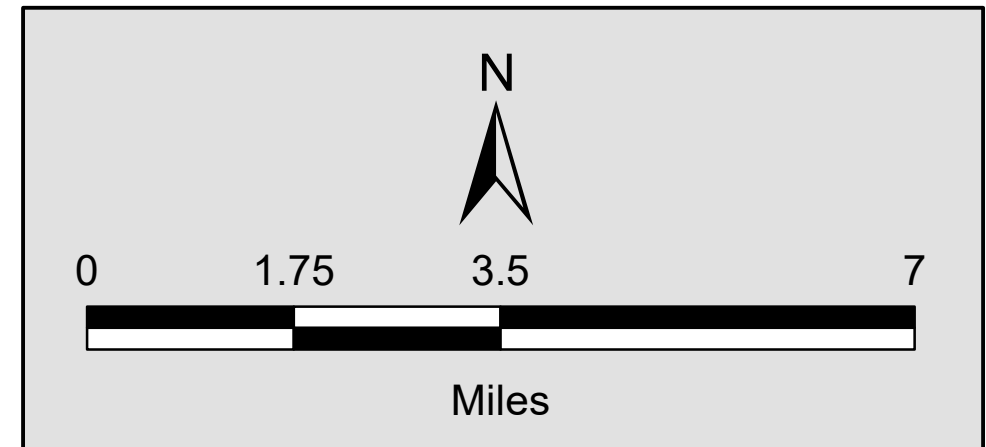
RRBMA Monitoring Areas - RMW Water Level MOs and MTs



Legend

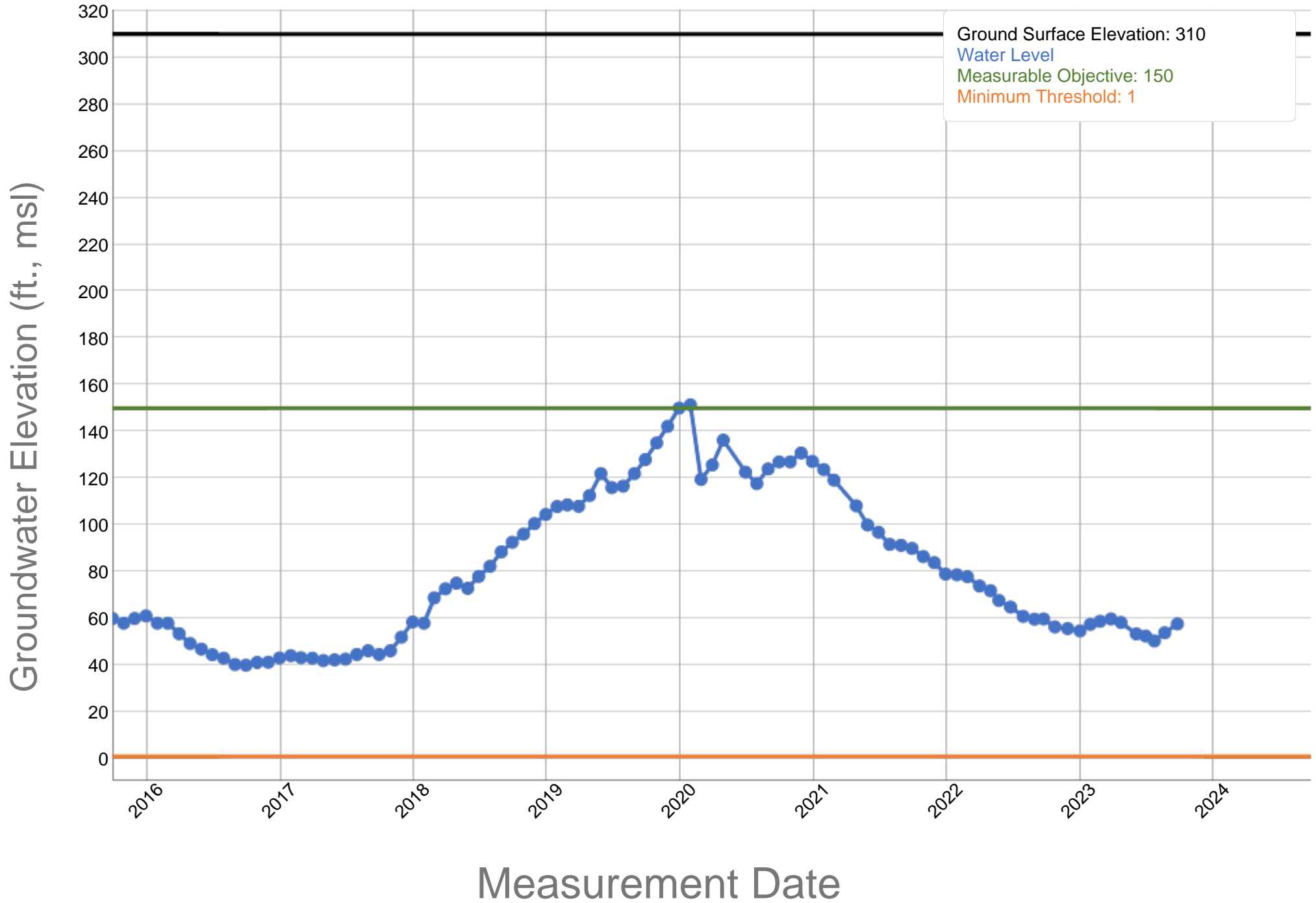
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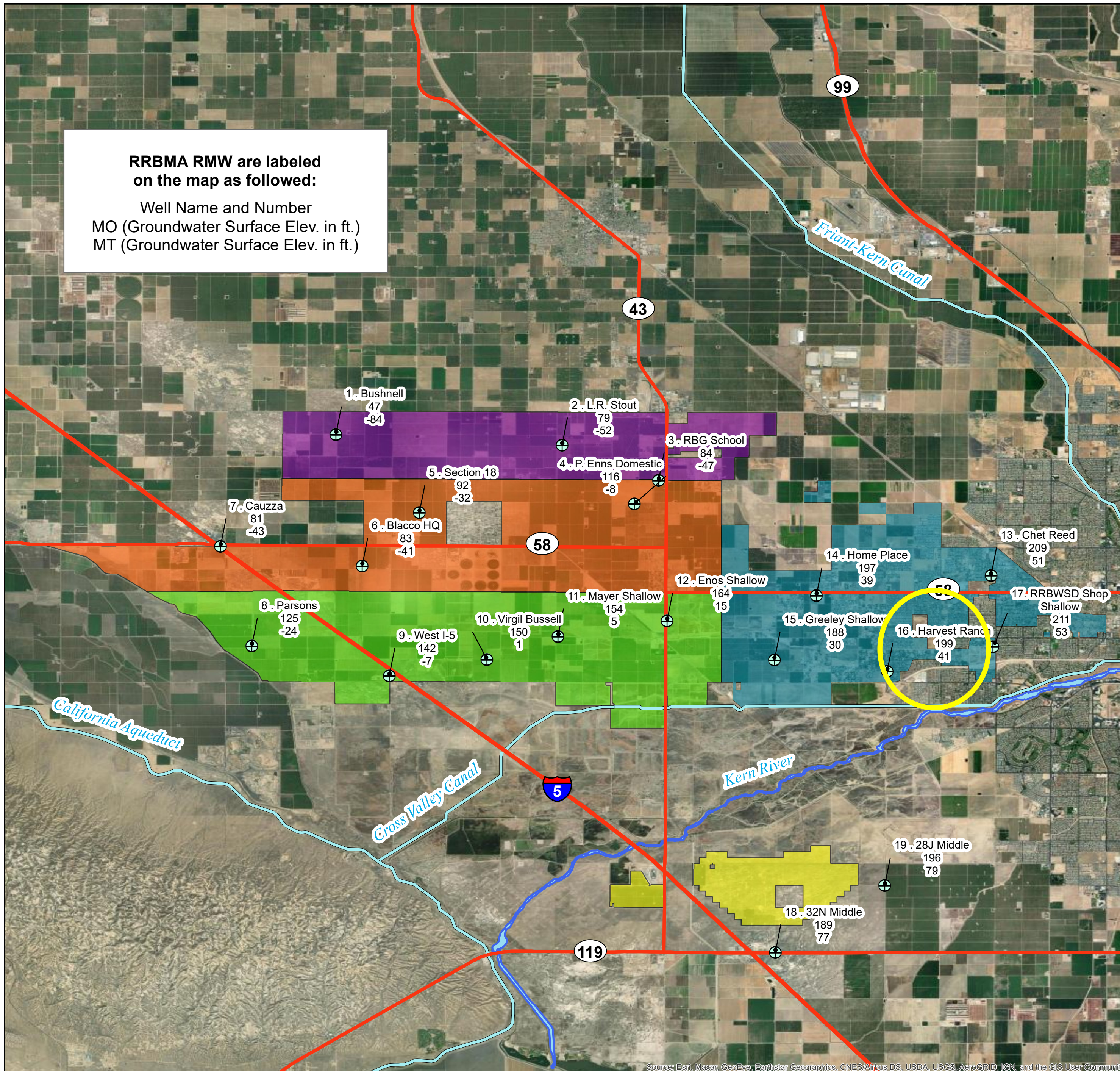


Source: Esri, Maxar, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community

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



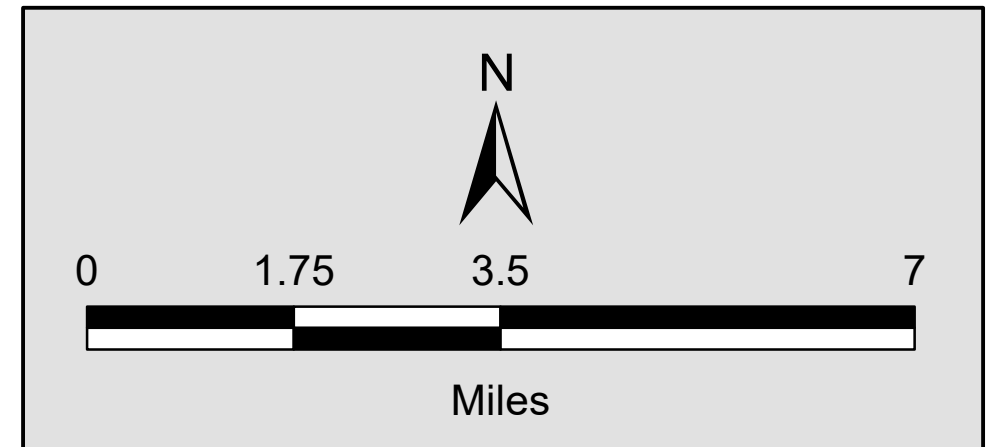
RRBMA Monitoring Areas - RMW Water Level MOs and MTs



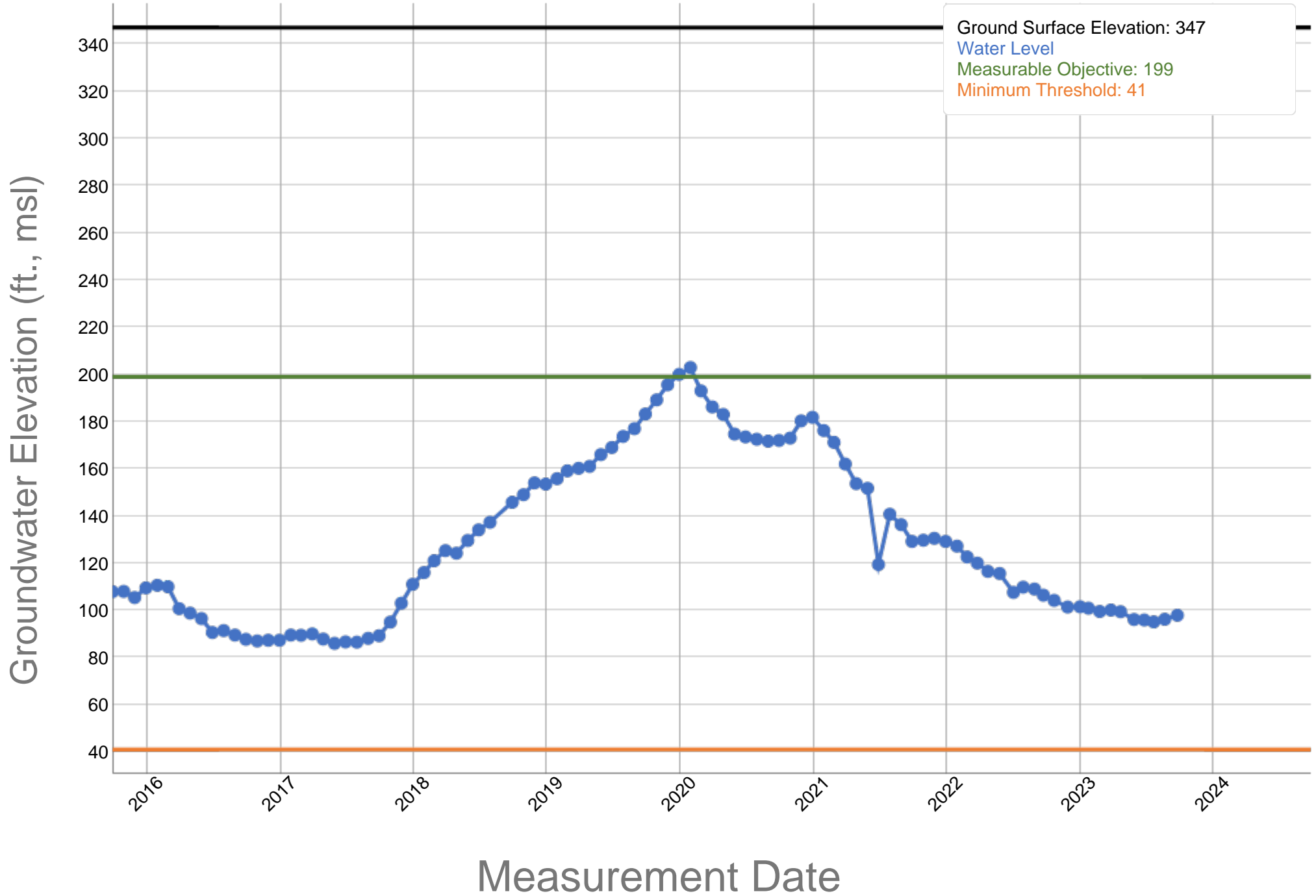
Legend

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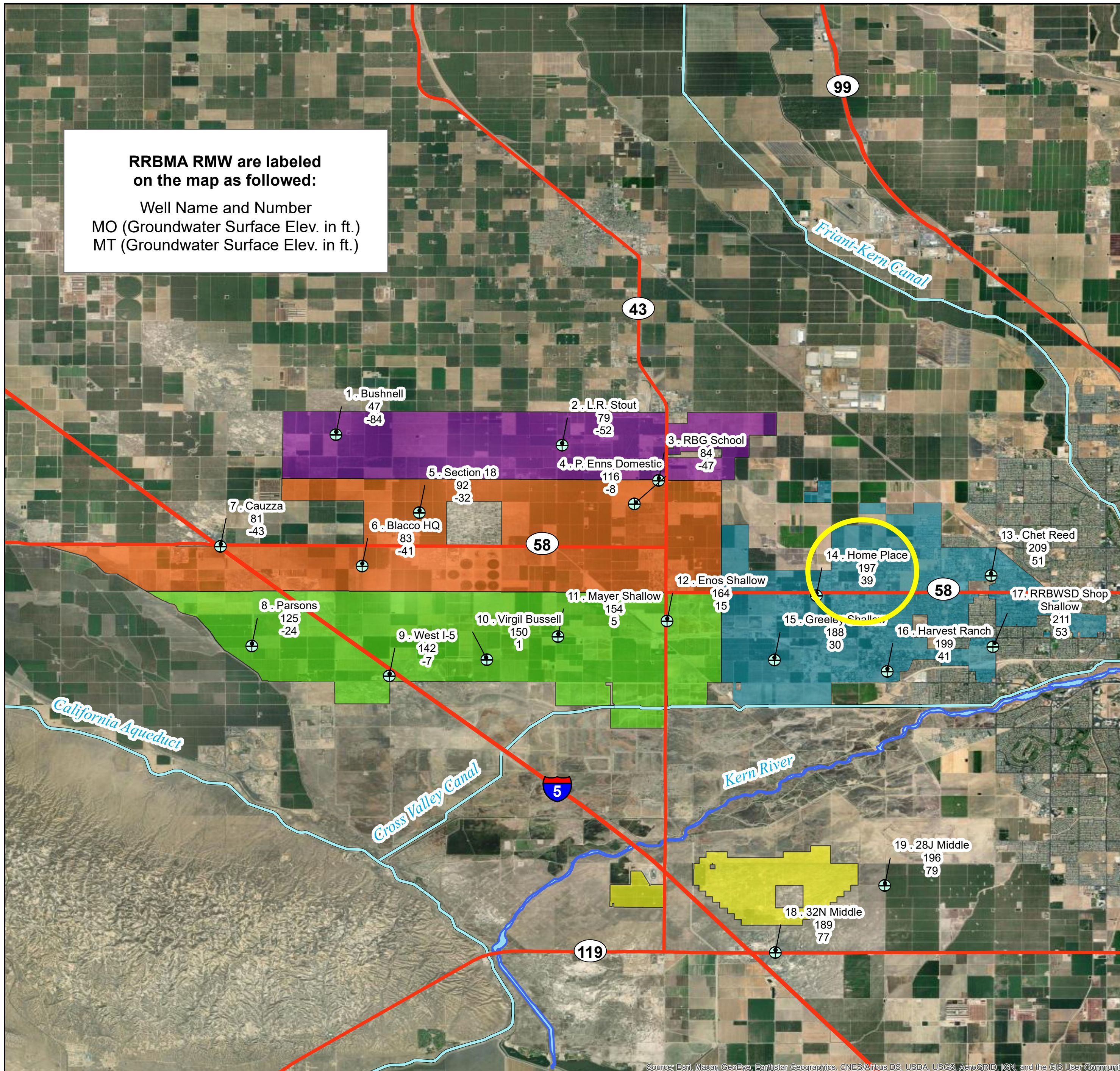
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Rosedale-Rio Bravo Water Storage District - Harvest Ranch - 353634N1191766W001



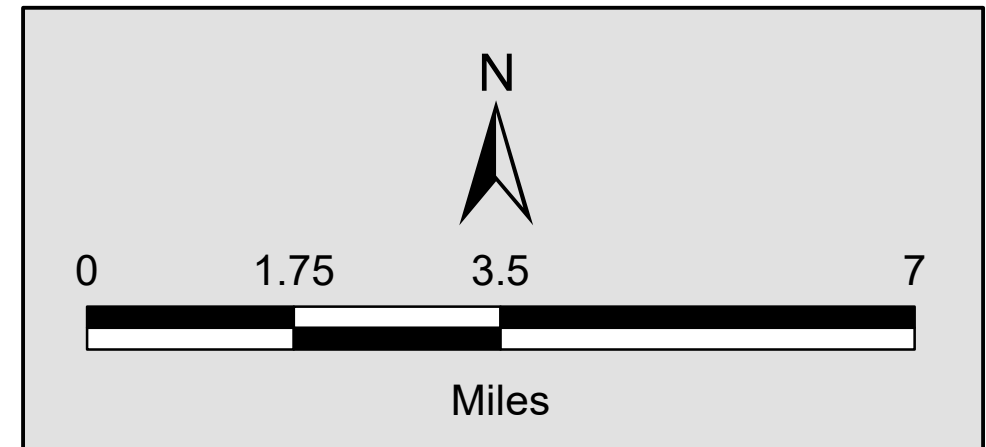
RRBMA Monitoring Areas - RMW Water Level MOs and MTs



Legend

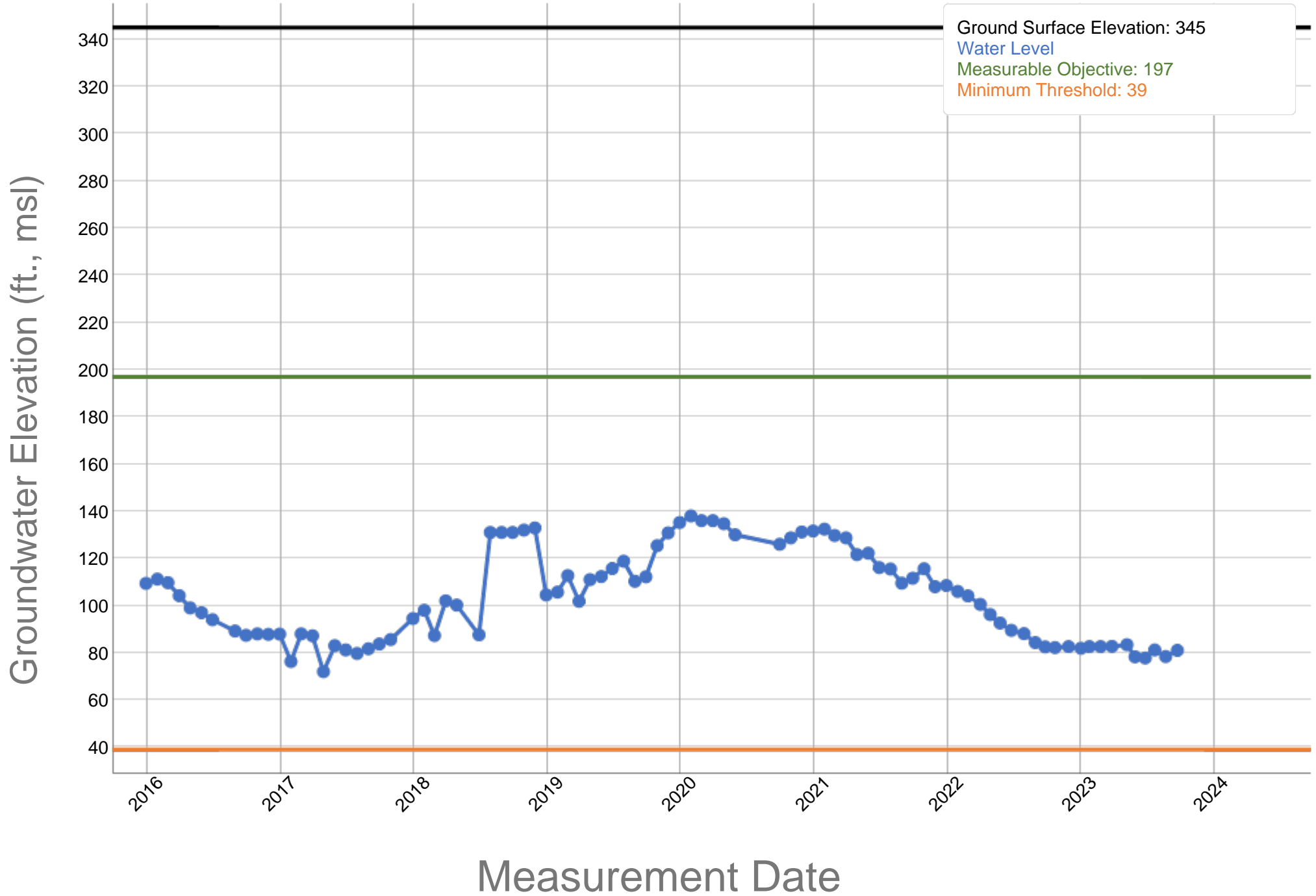
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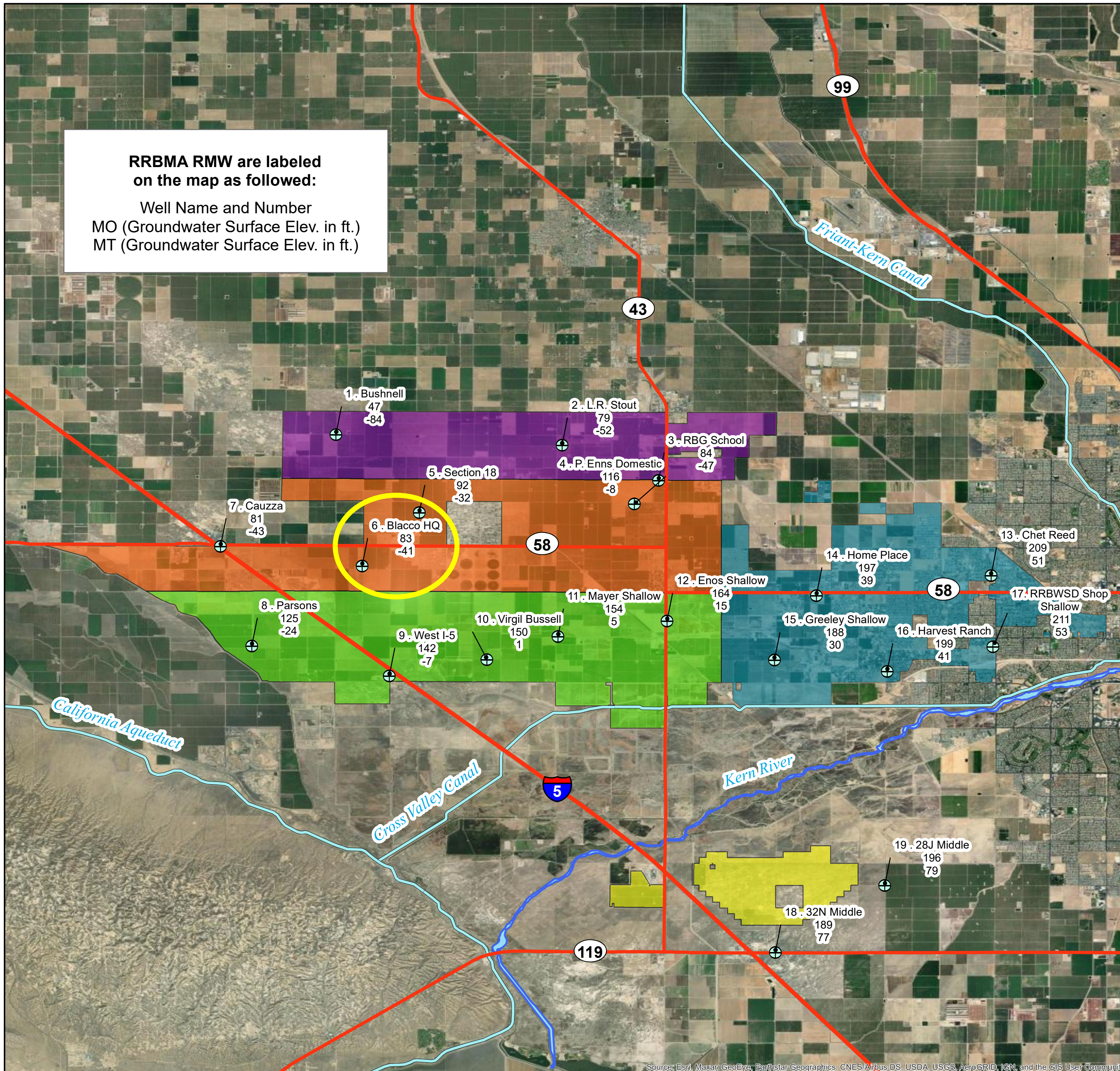


Source: Esri, Maxar, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community

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



RRBMA Monitoring Areas - RMW Water Level MOs and MTs



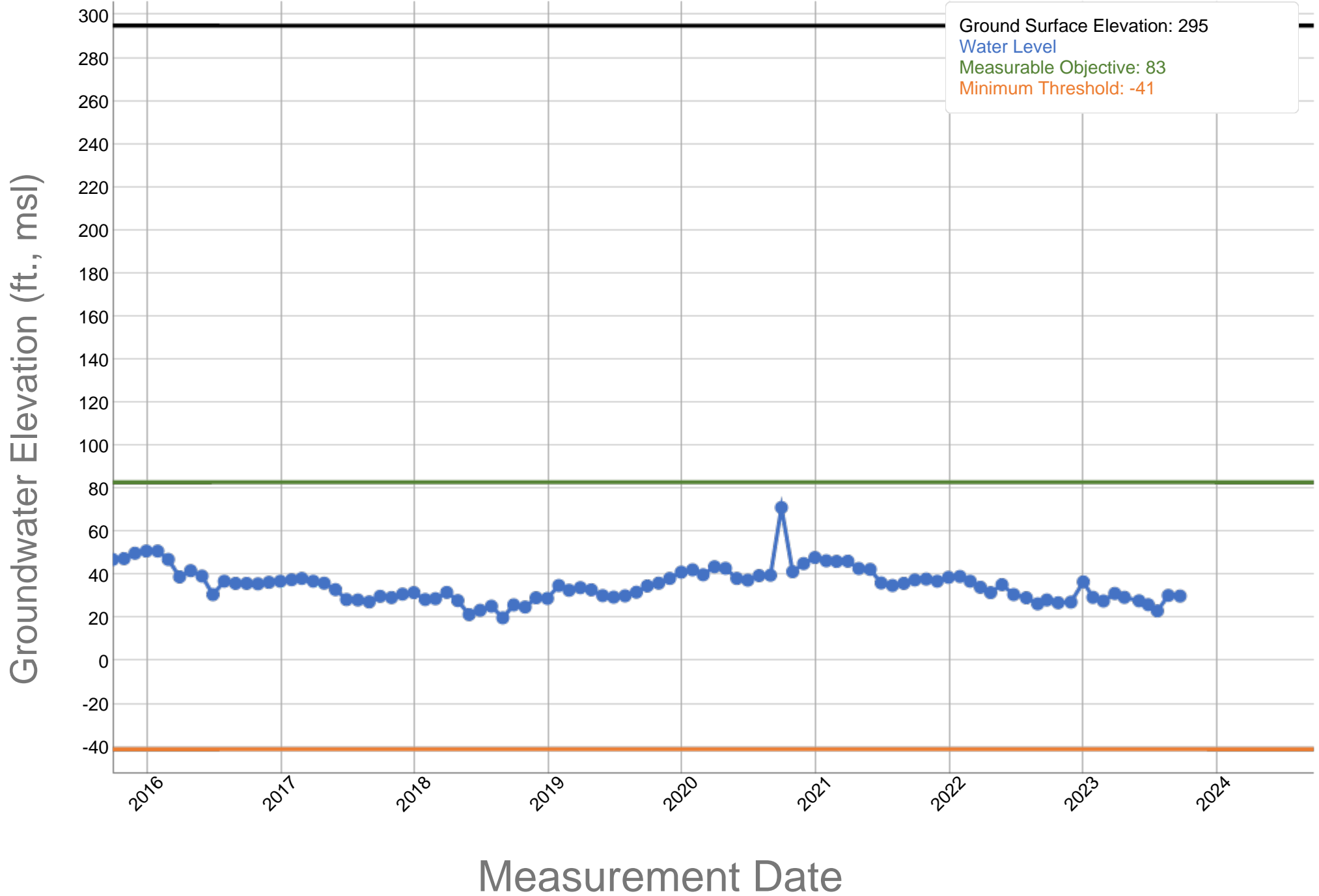
Legend

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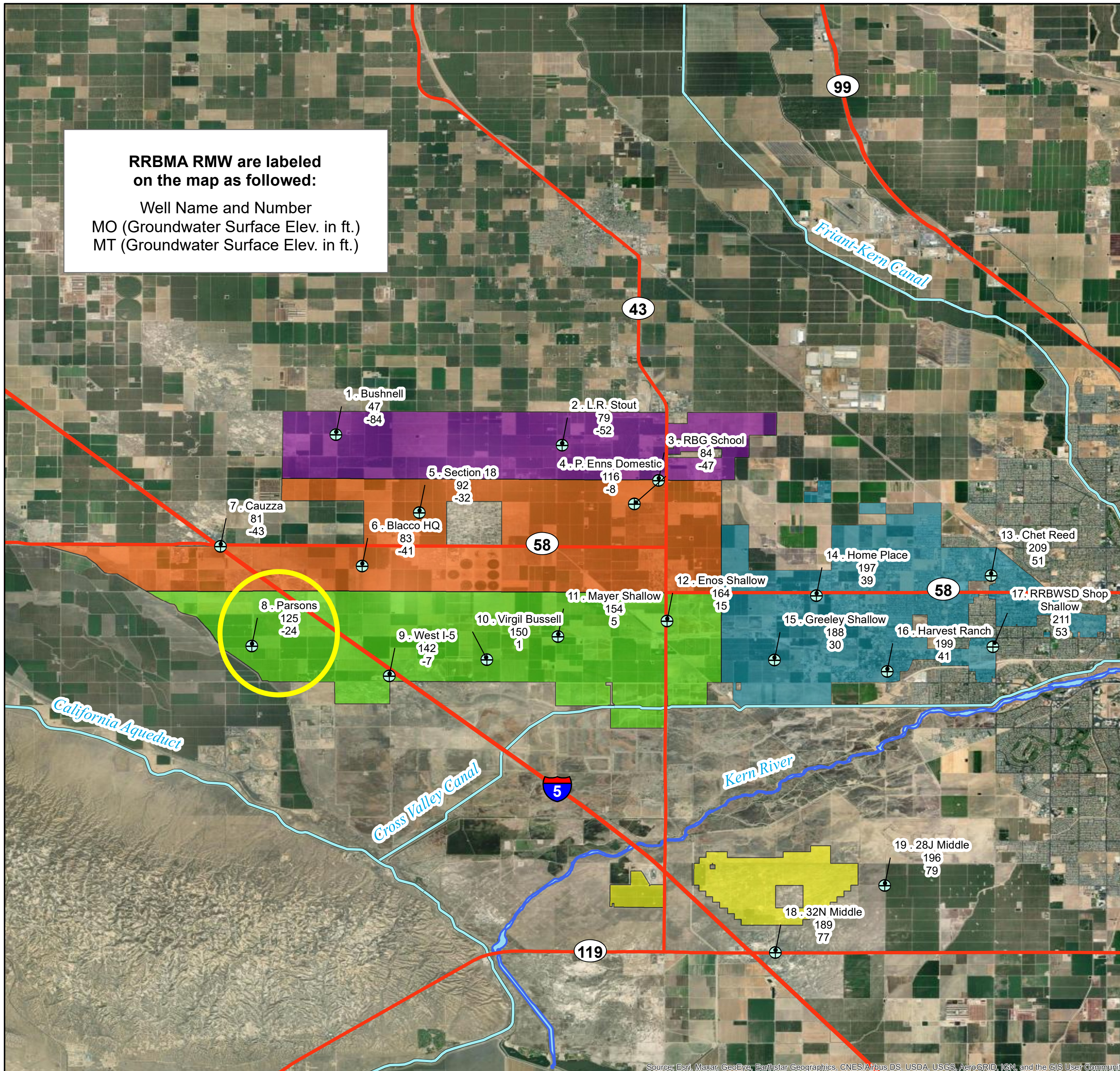
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Rosedale-Rio Bravo Water Storage District - Blacco HQ - 353915N1193454W001



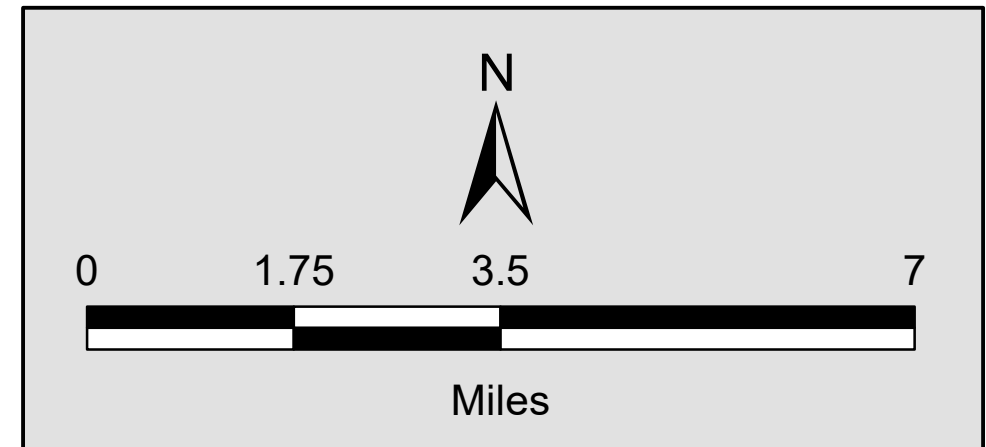
RRBMA Monitoring Areas - RMW Water Level MOs and MTs



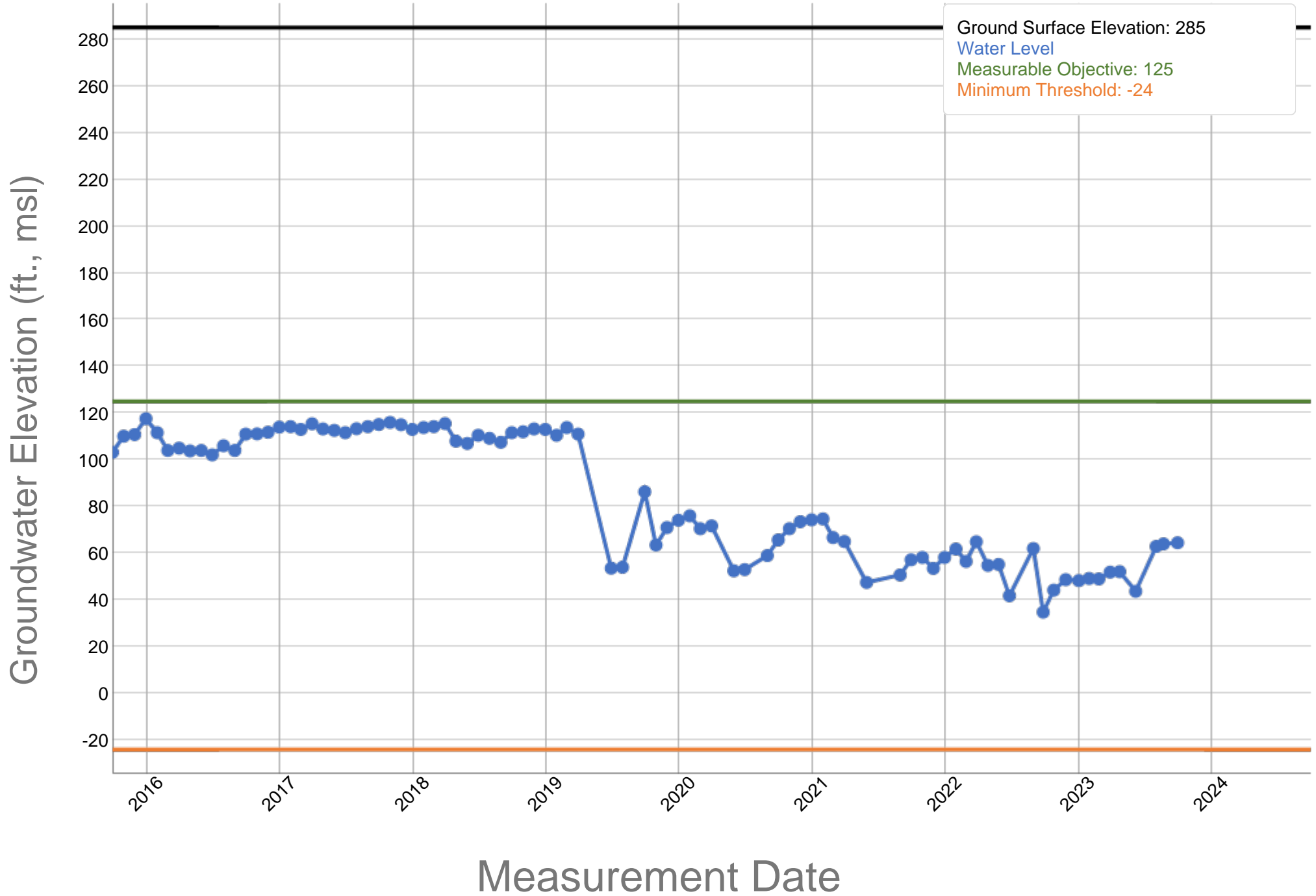
Legend

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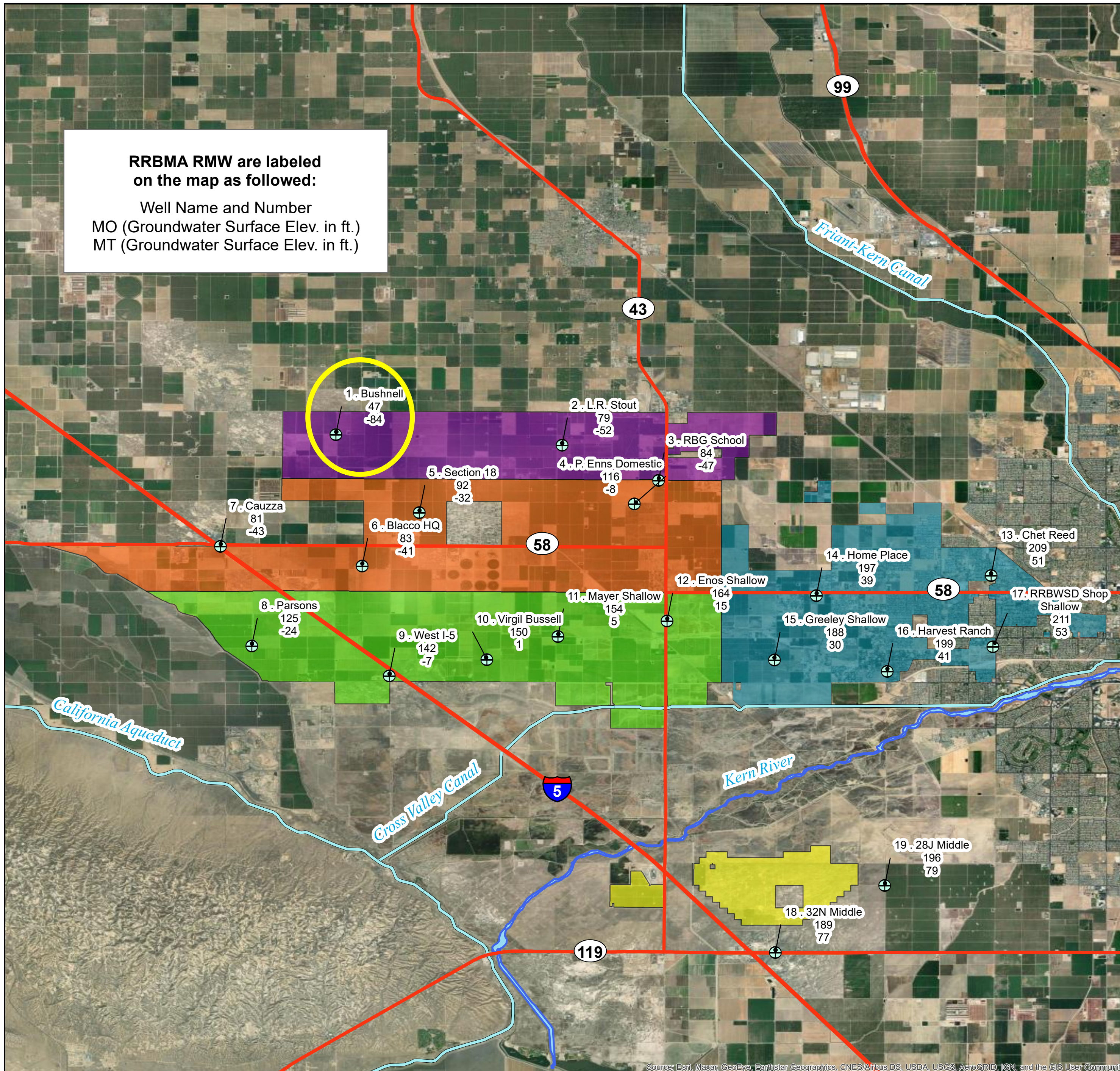
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Rosedale-Rio Bravo Water Storage District - Parsons - 353663N1193859W001



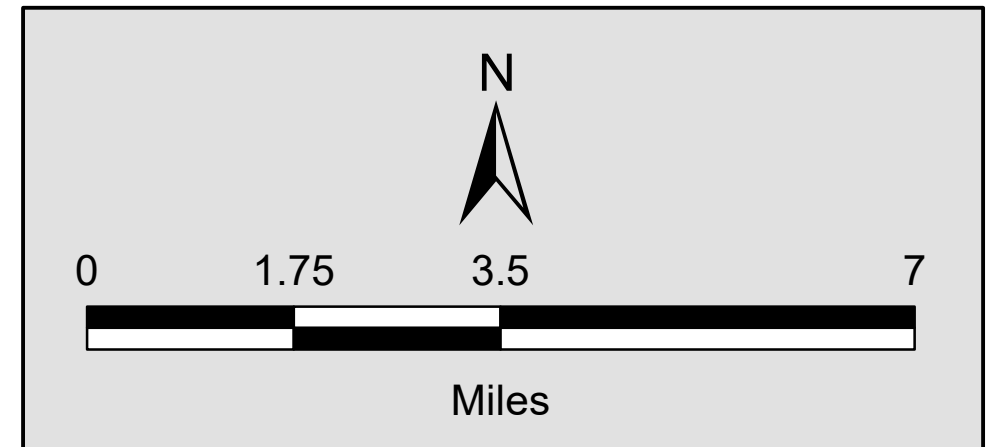
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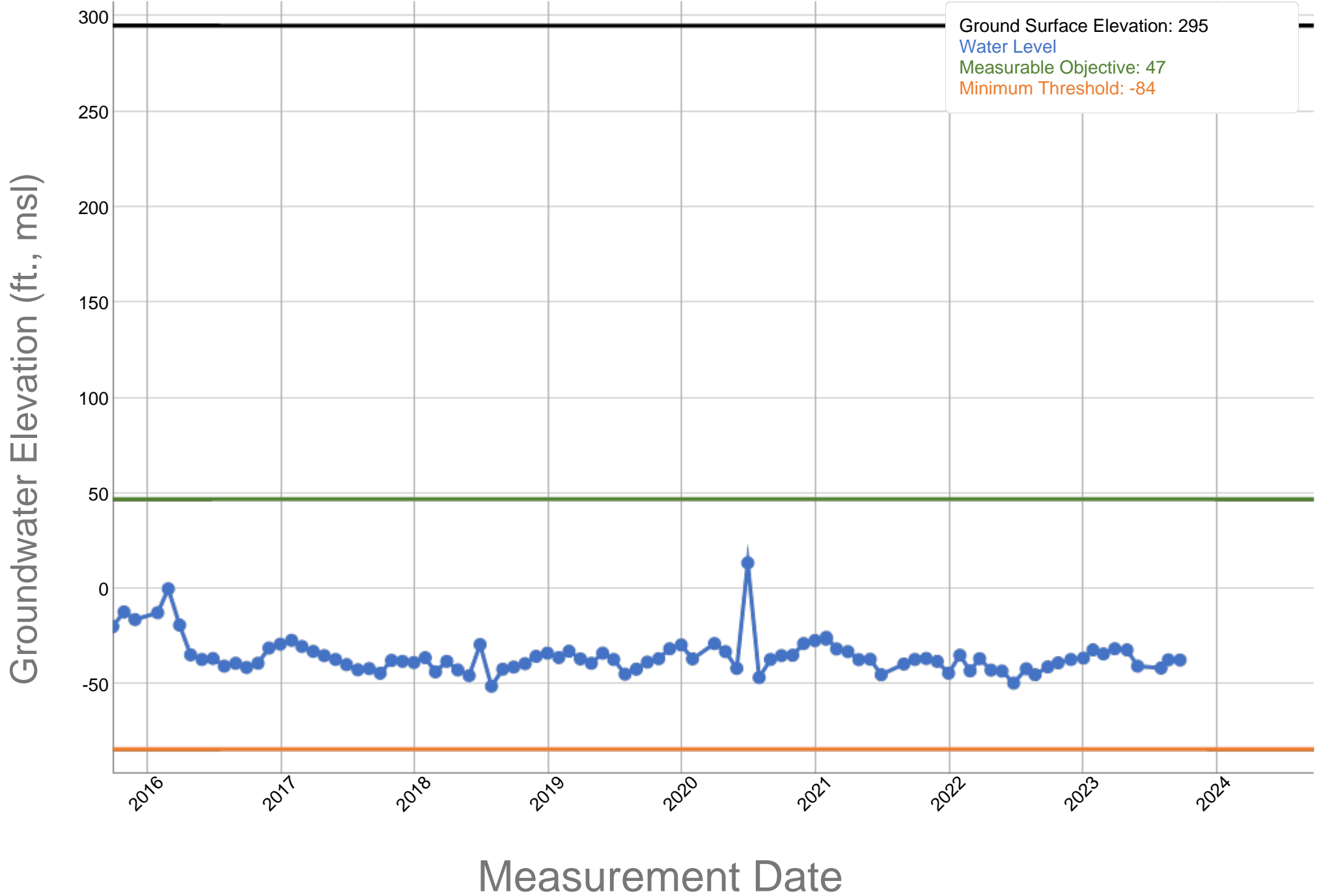
Legend

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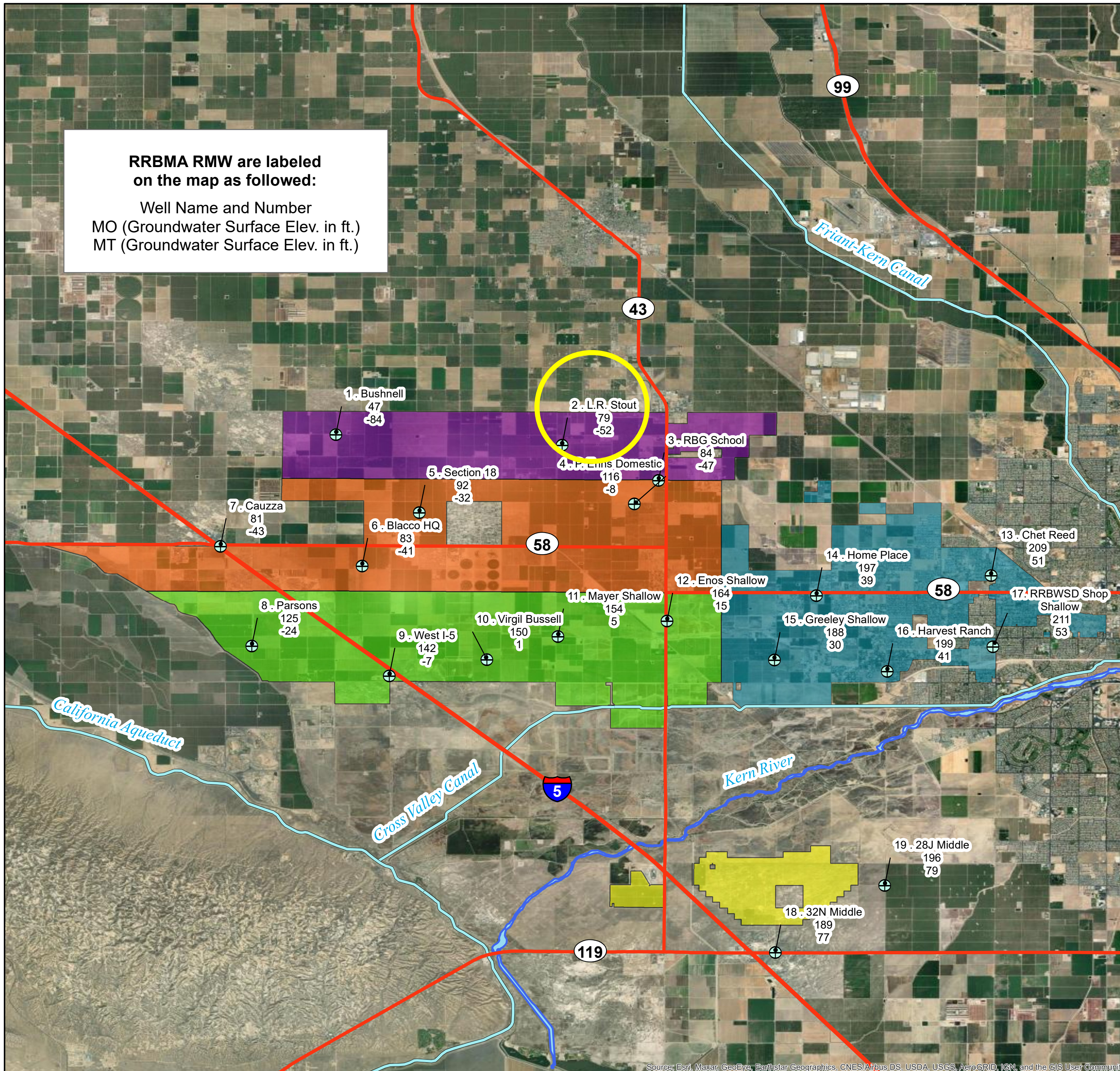
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Rosedale-Rio Bravo Water Storage District - Bushnell - 354350N1193586W001



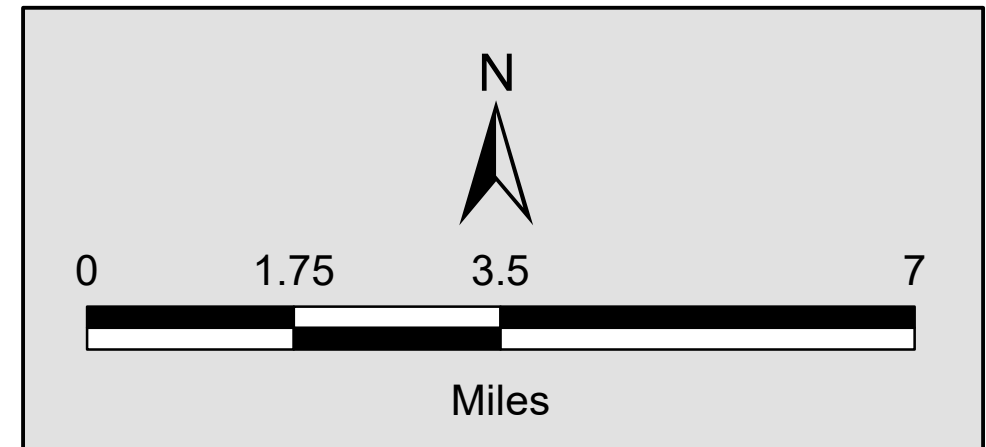
RRBMA Monitoring Areas - RMW Water Level MOs and MTs



Legend

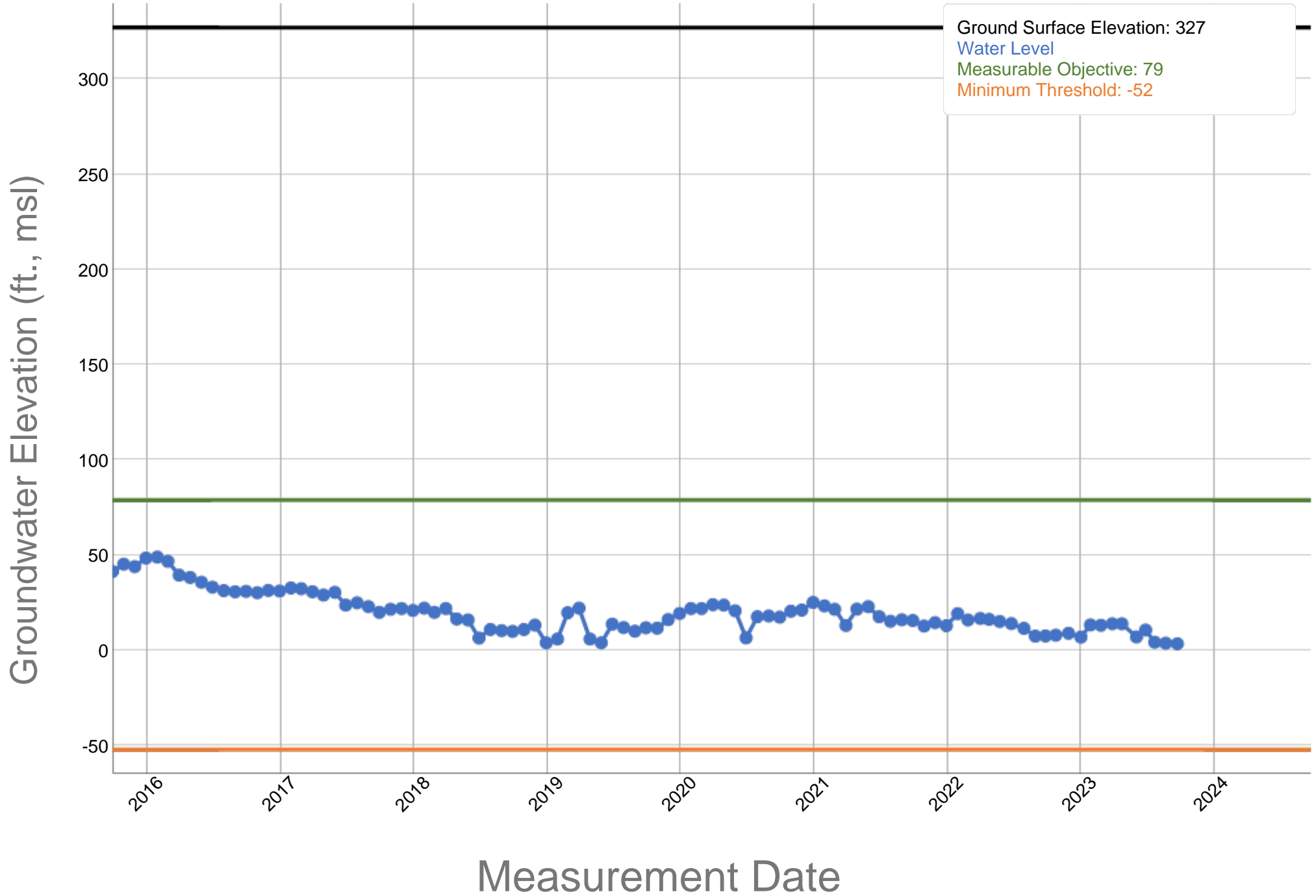
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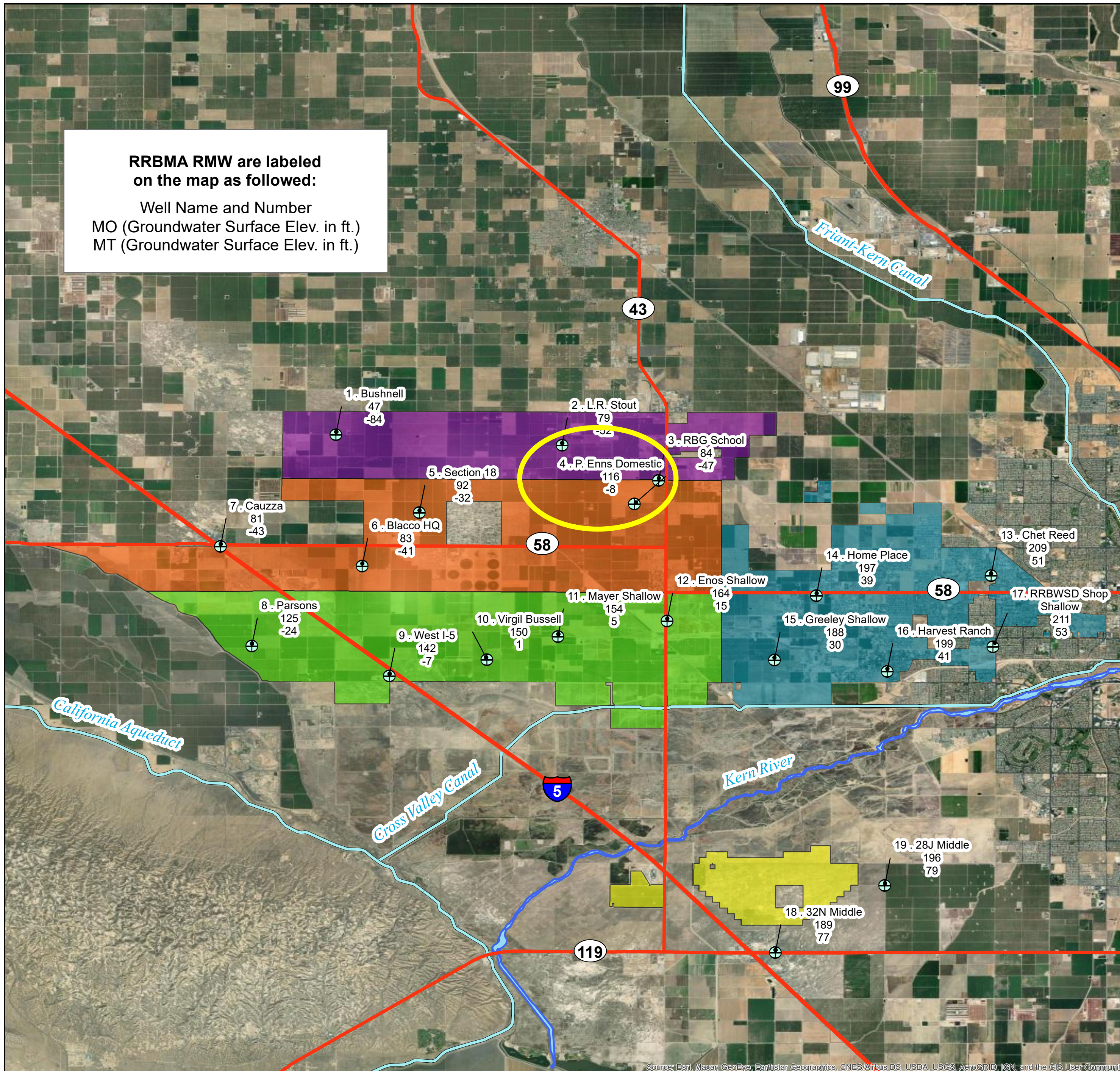


Source: Esri, Maxar, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community

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



RRBMA Monitoring Areas - RMW Water Level MOs and MTs



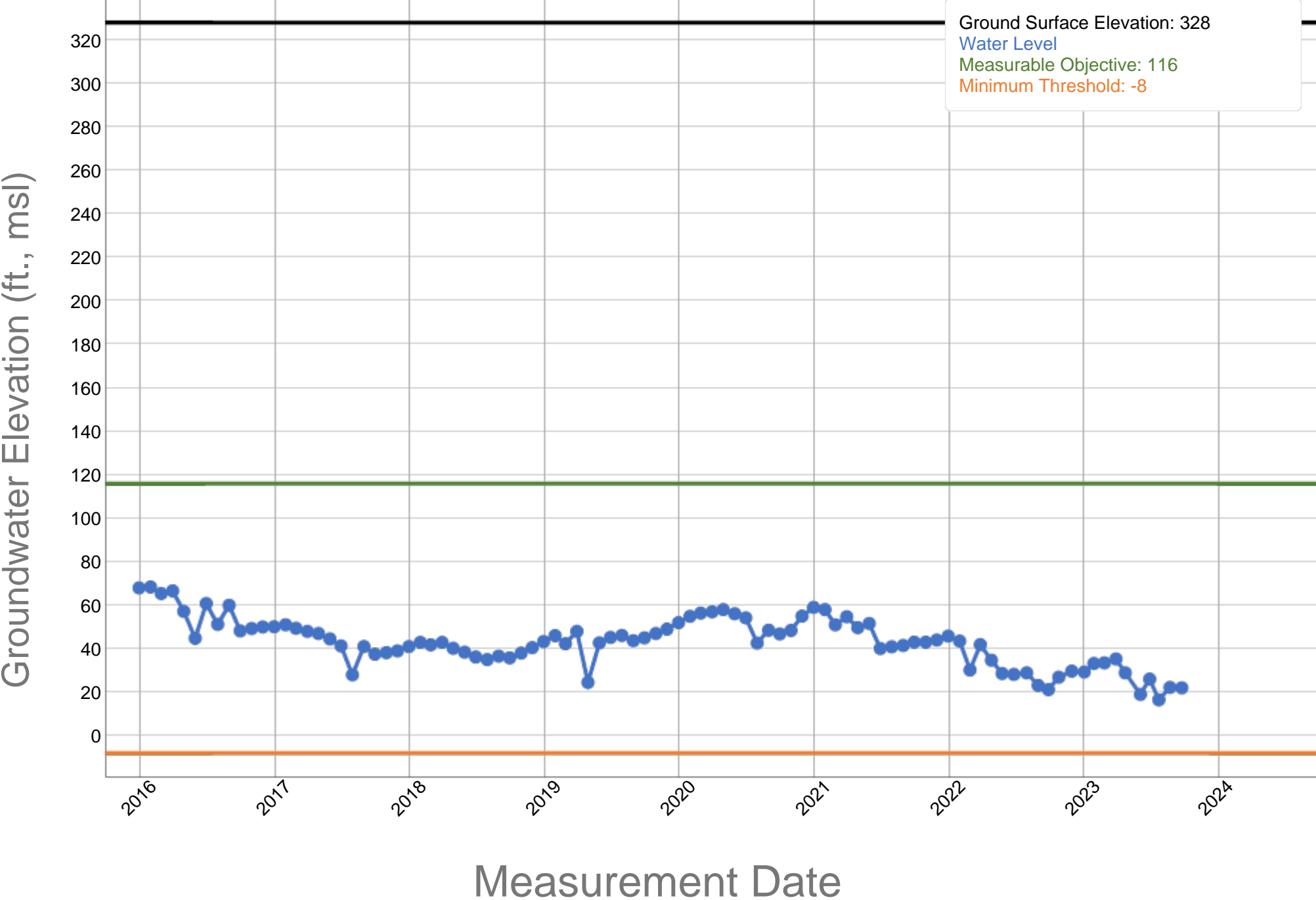
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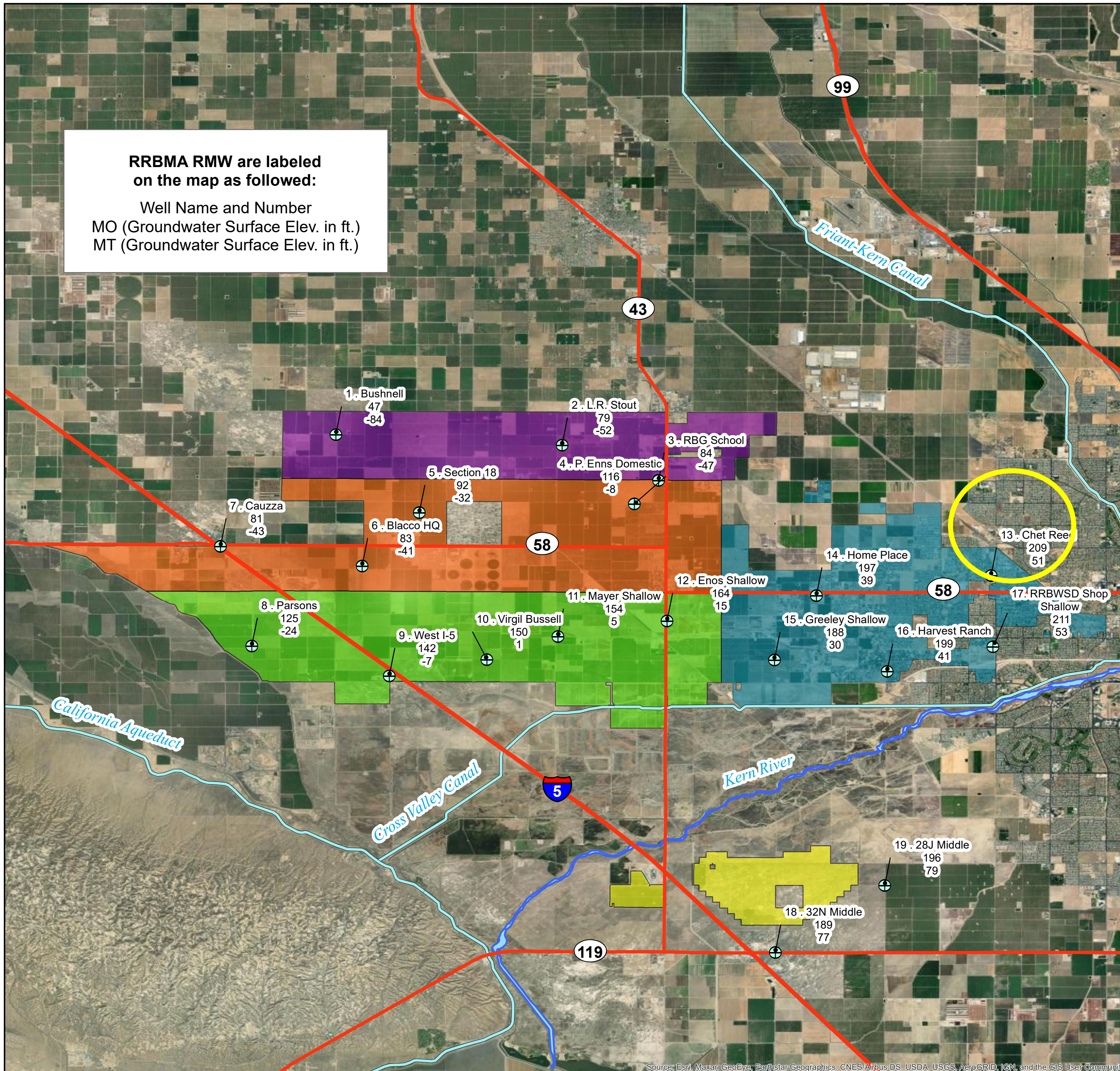
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Rosedale-Rio Bravo Water Storage District - P. Enns Domestic - 354121N1192623W001



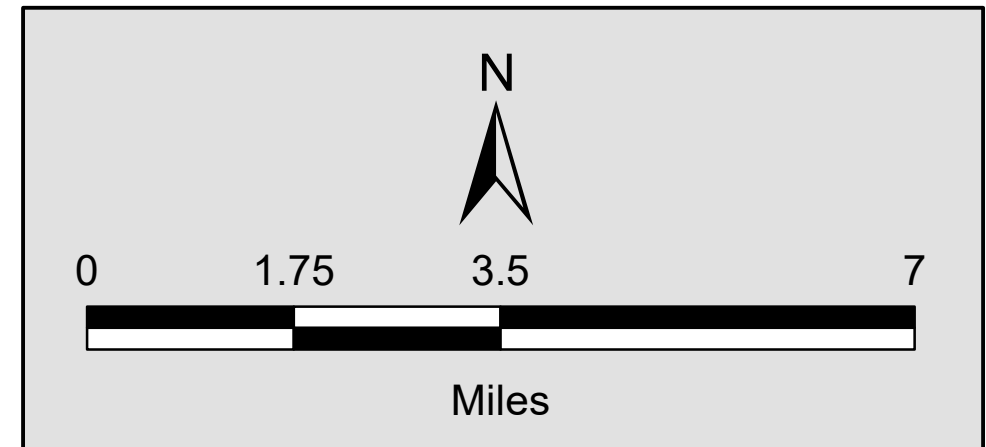
RRBMA Monitoring Areas - RMW Water Level MOs and MTs



Legend

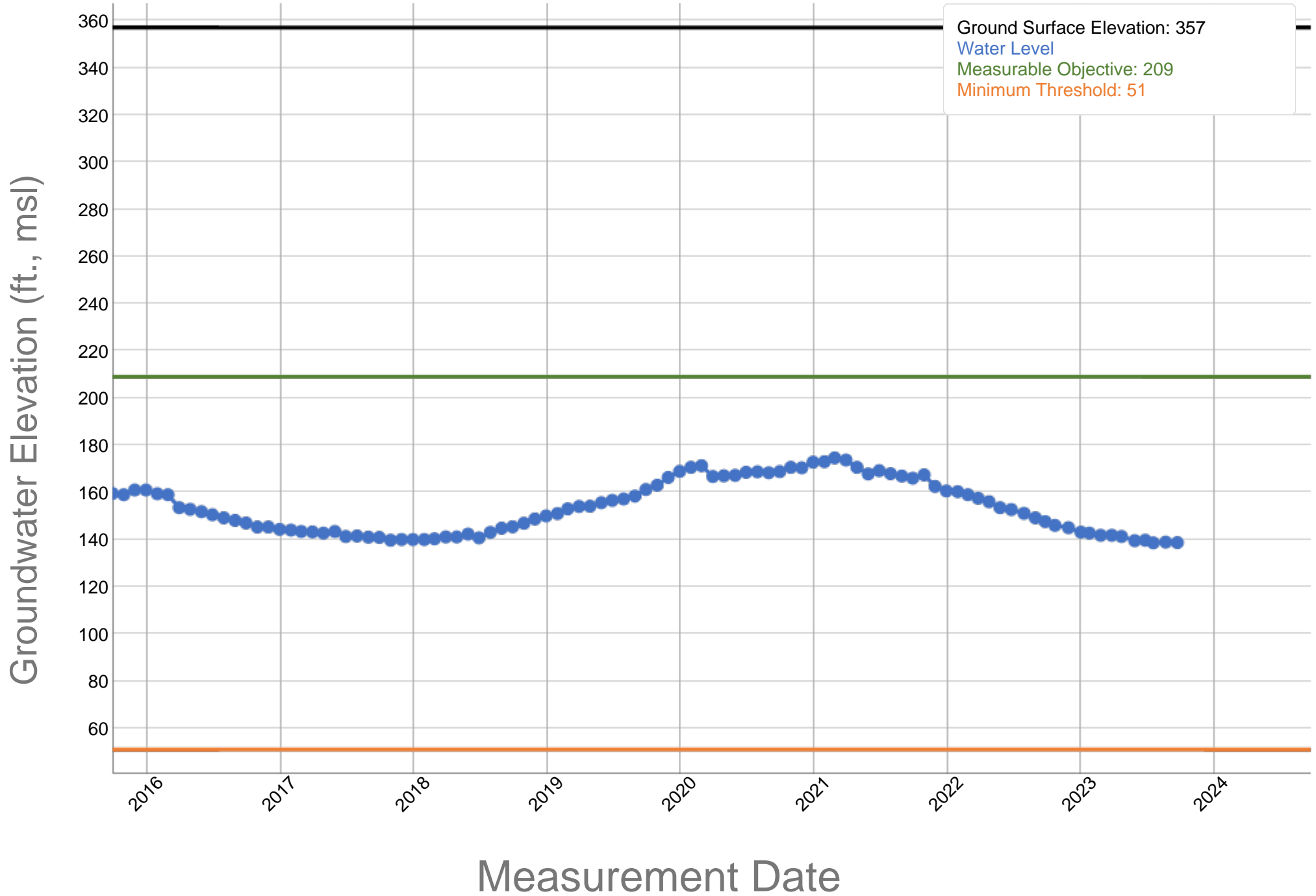
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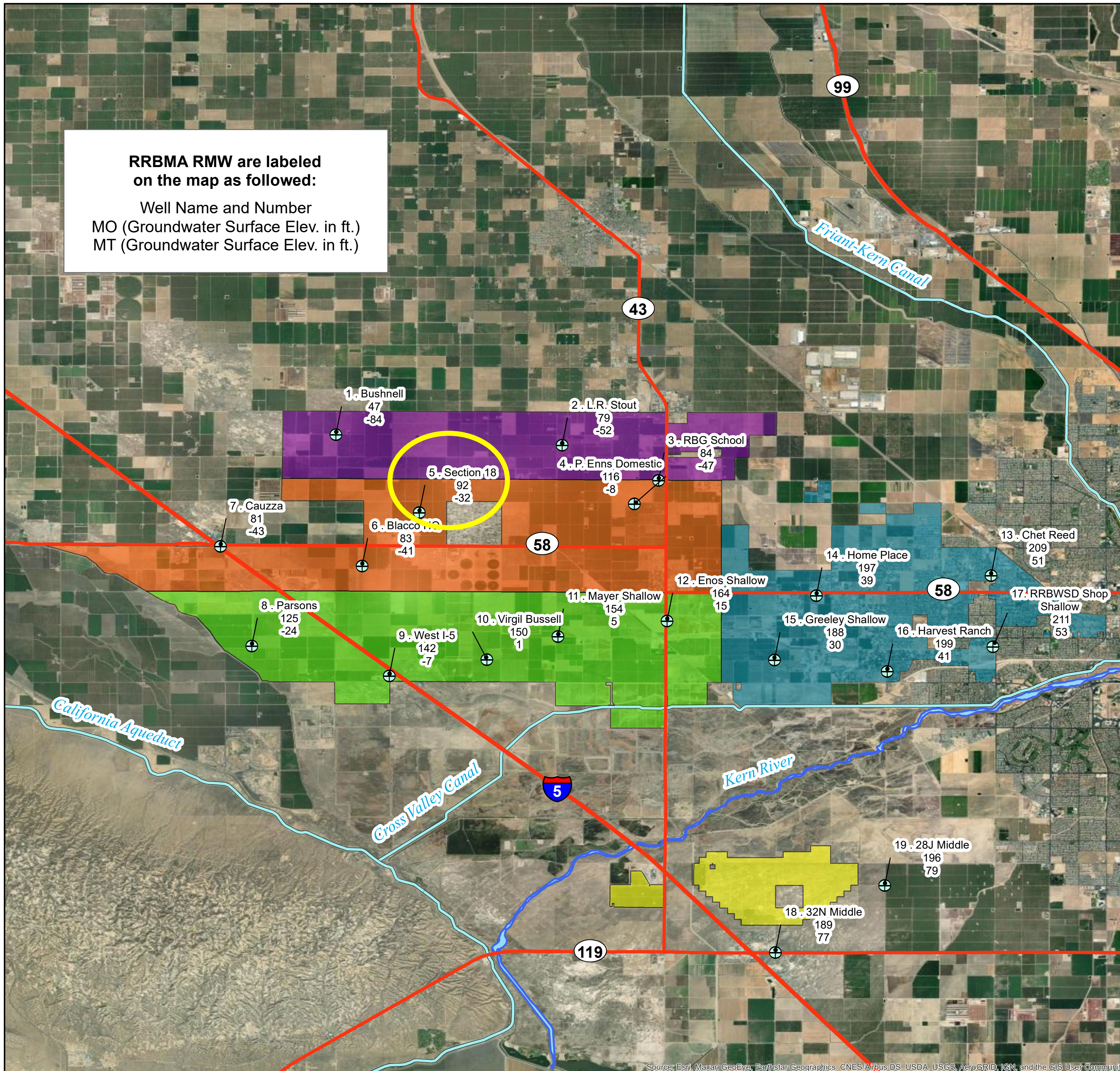


Source: Esri, Maxar, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community

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



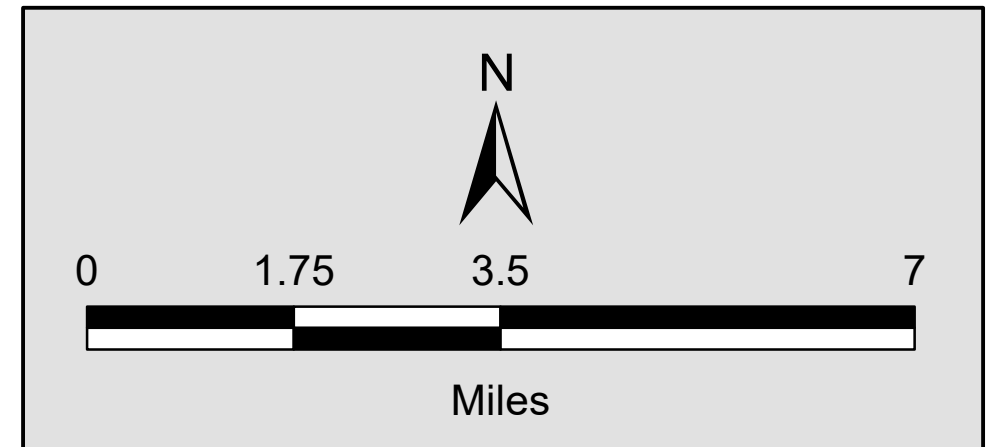
RRBMA Monitoring Areas - RMW Water Level MOs and MTs



Legend

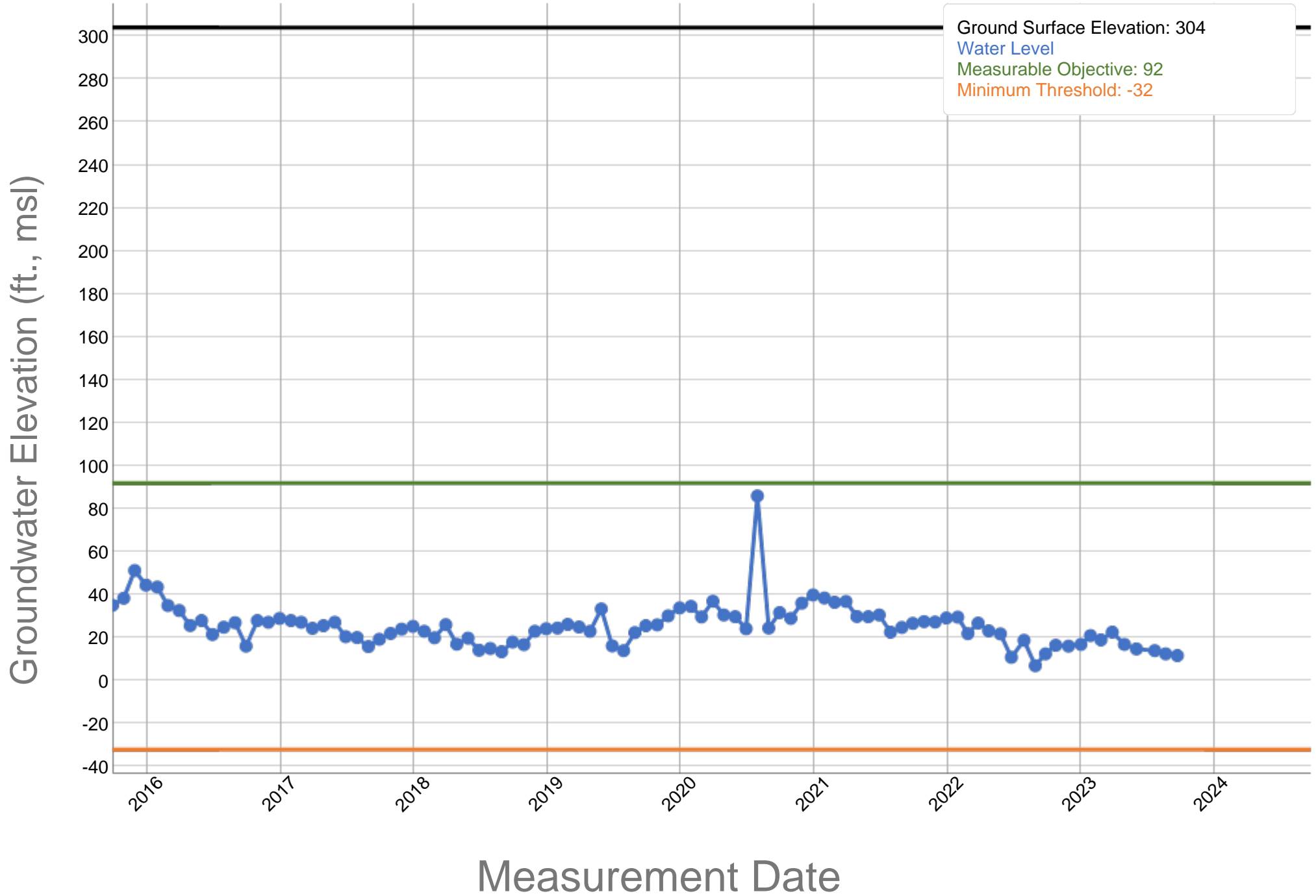
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 MT = Minimum Threshold*

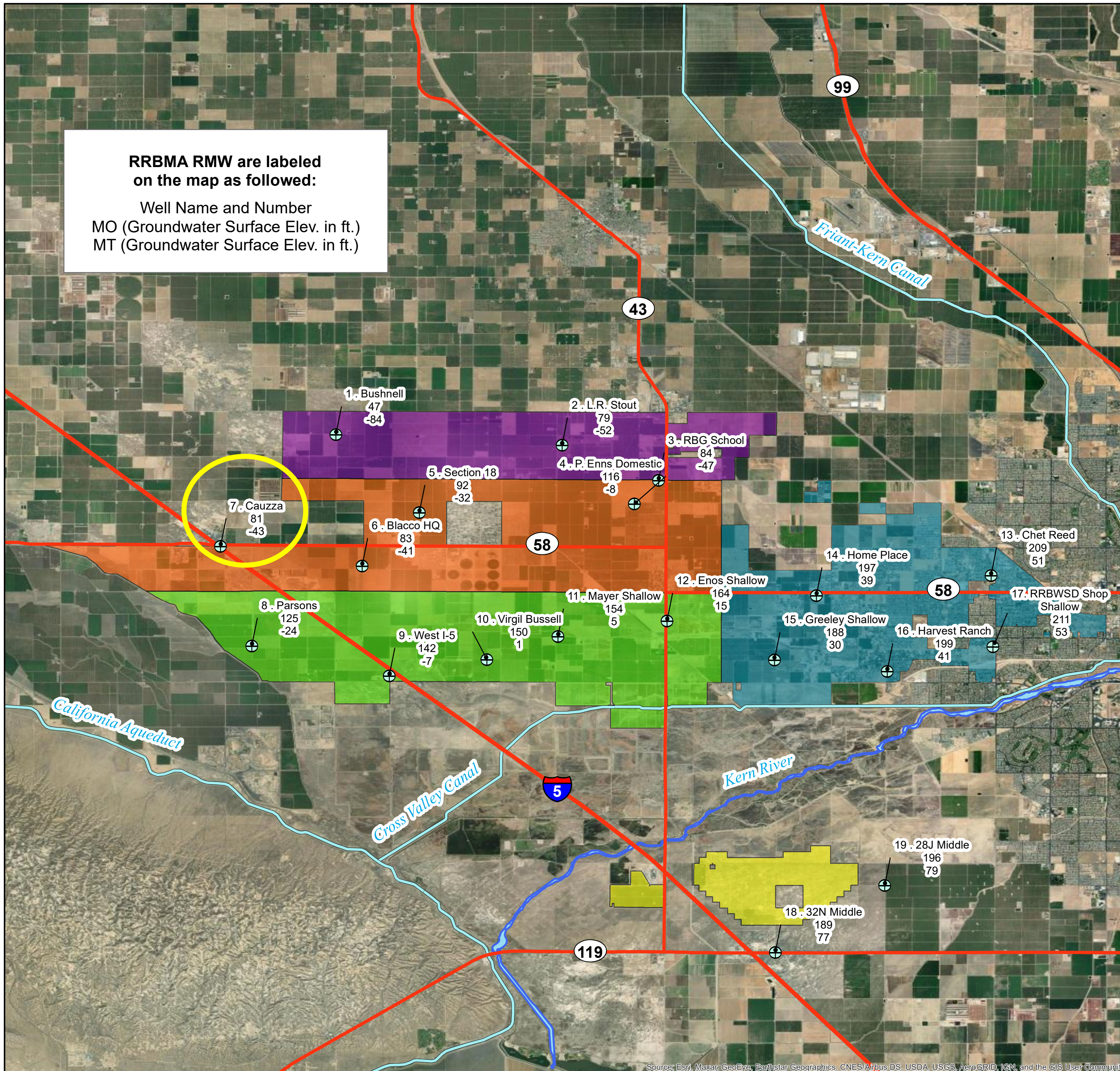


Source: Esri, Maxar, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community

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



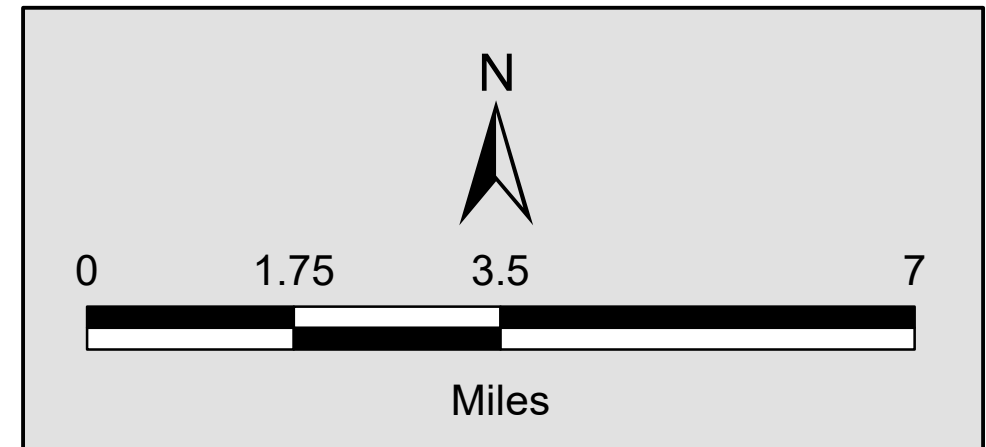
RRBMA Monitoring Areas - RMW Water Level MOs and MTs



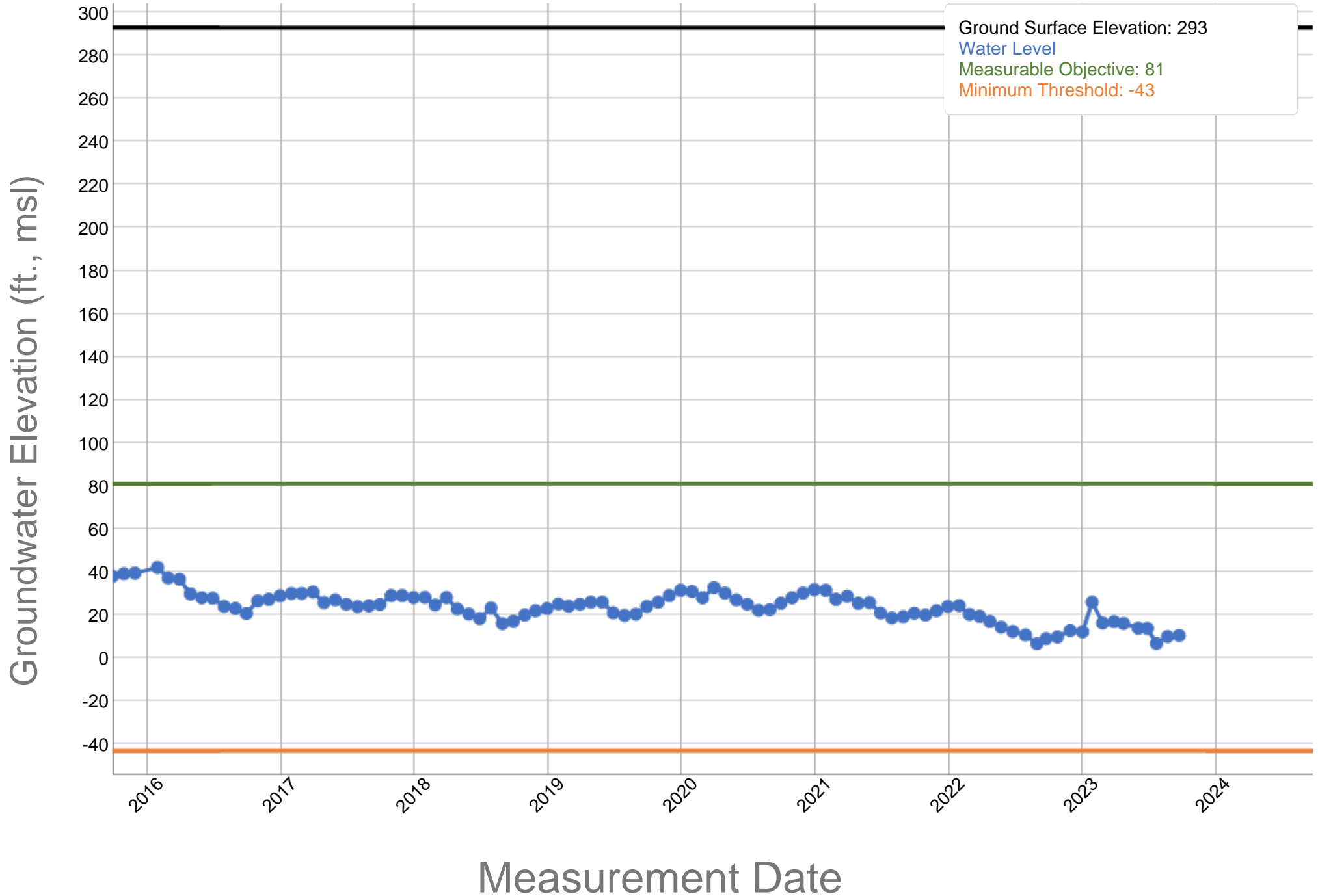
Legend

- ⊕ RRBMA RMW (Water Level)
- Major Highways
- Major Conveyance Facilities
- Kern River
- North Monitoring Area
- Central Monitoring Area
- South Monitoring Area
- East Monitoring Area
- South of the River Monitoring Area

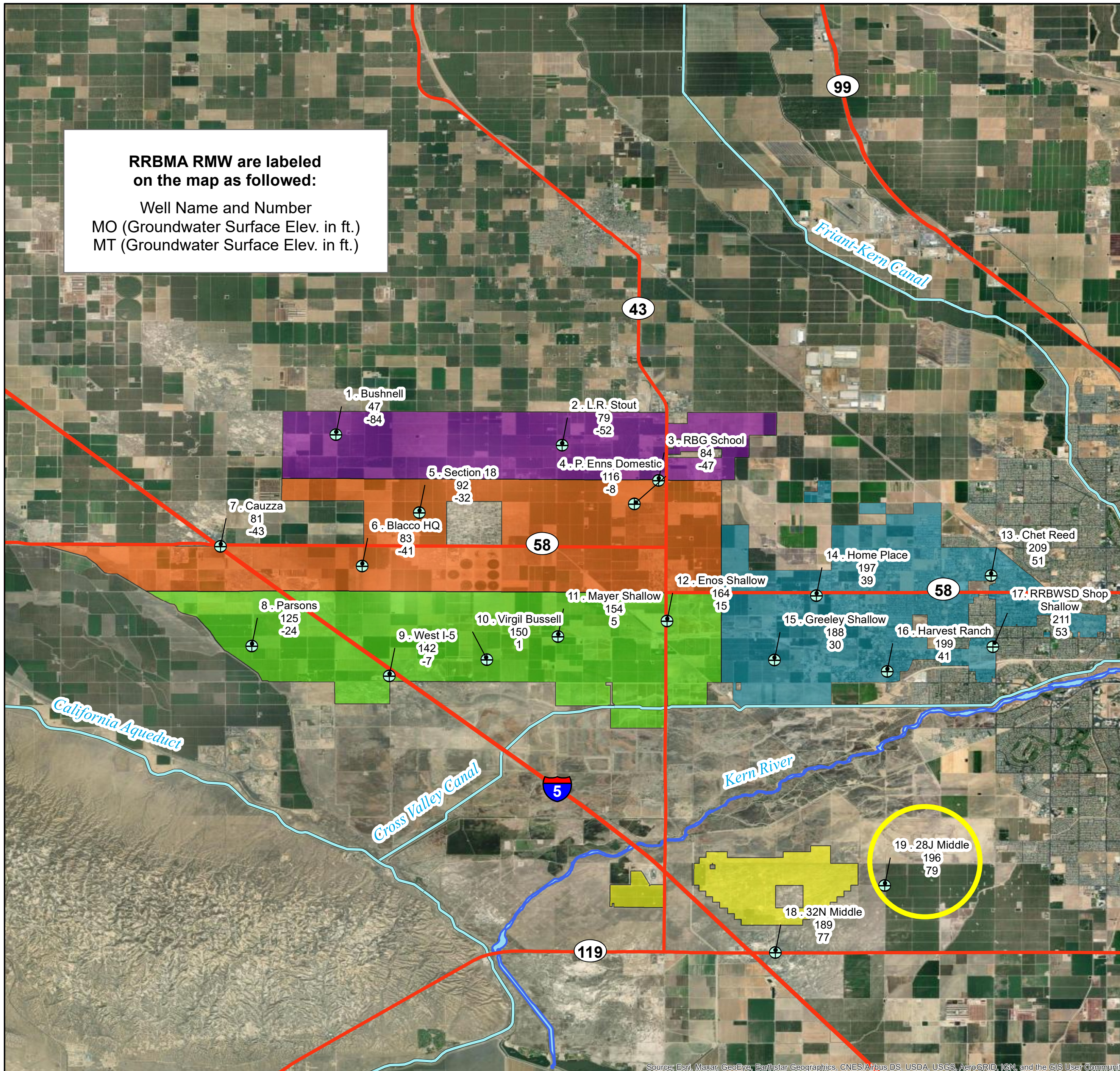
*RMW = Representative Monitoring Well
MO = Measurable Objective
MT = Minimum Threshold*



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



RRBMA Monitoring Areas - RMW Water Level MOs and MTs



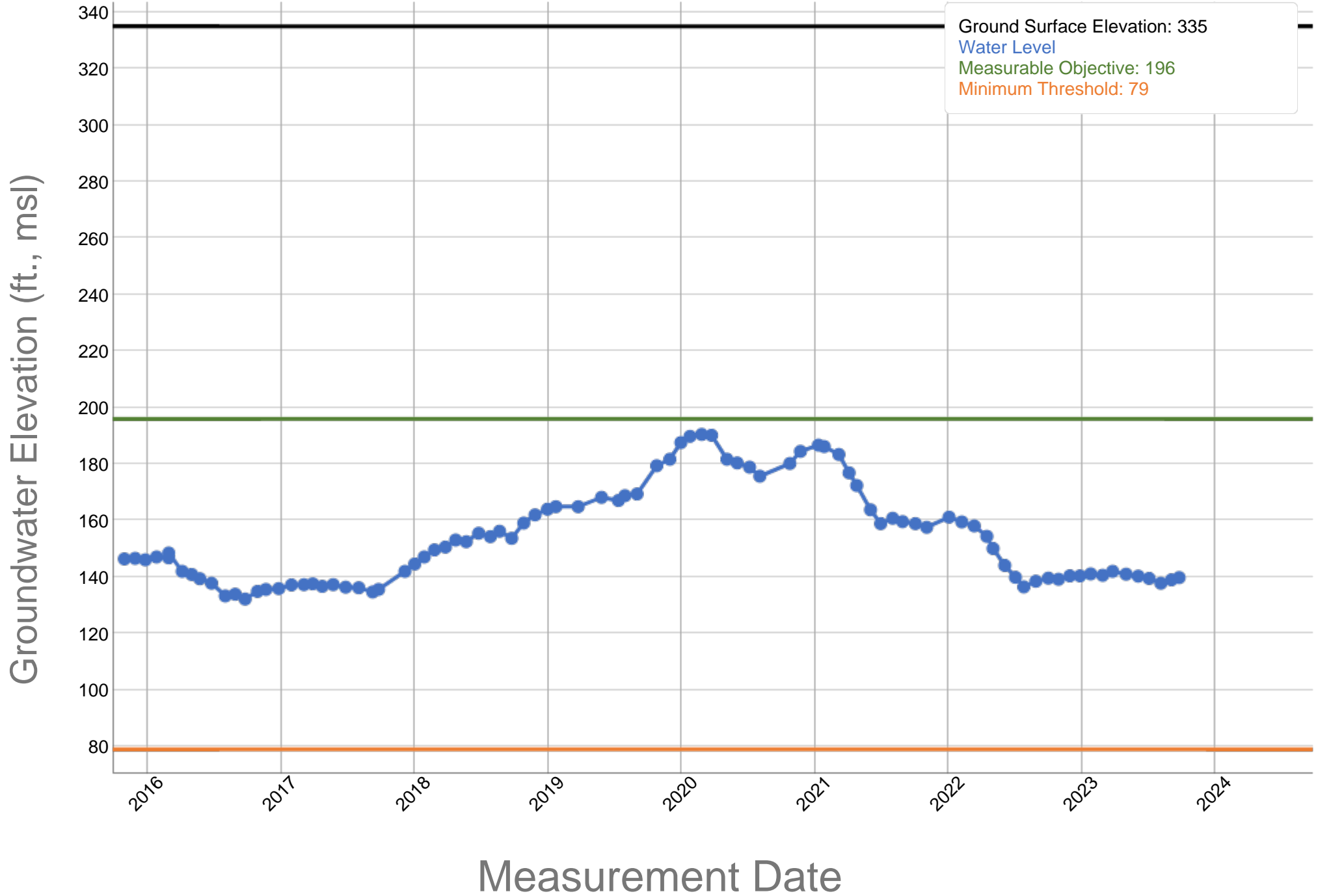
Legend

- ⊕ RRBMA RMW (Water Level)
- Major Highways
- Major Conveyance Facilities
- Kern River
- North Monitoring Area
- Central Monitoring Area
- South Monitoring Area
- East Monitoring Area
- South of the River Monitoring Area

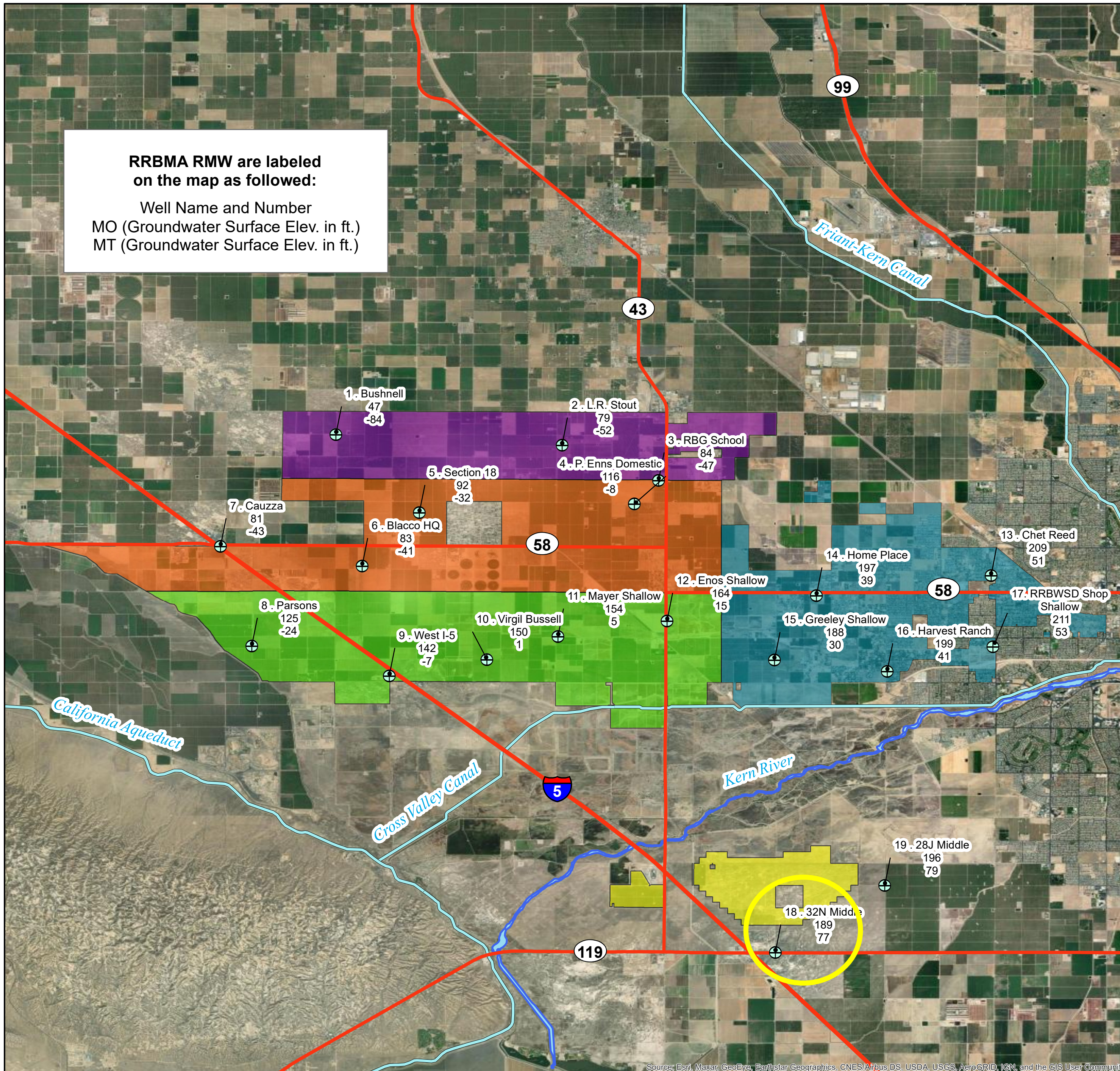
*RMW = Representative Monitoring Well
 MO = Measurable Objective
 MT = Minimum Threshold*



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



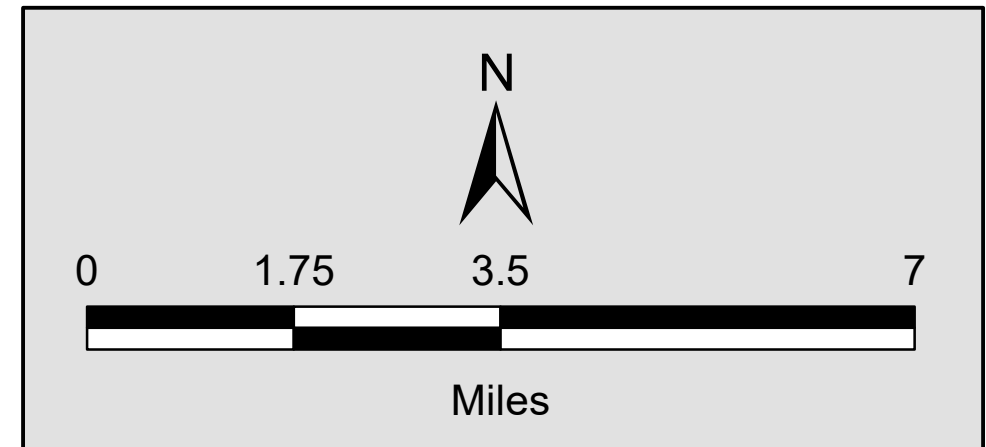
RRBMA Monitoring Areas - RMW Water Level MOs and MTs



Legend

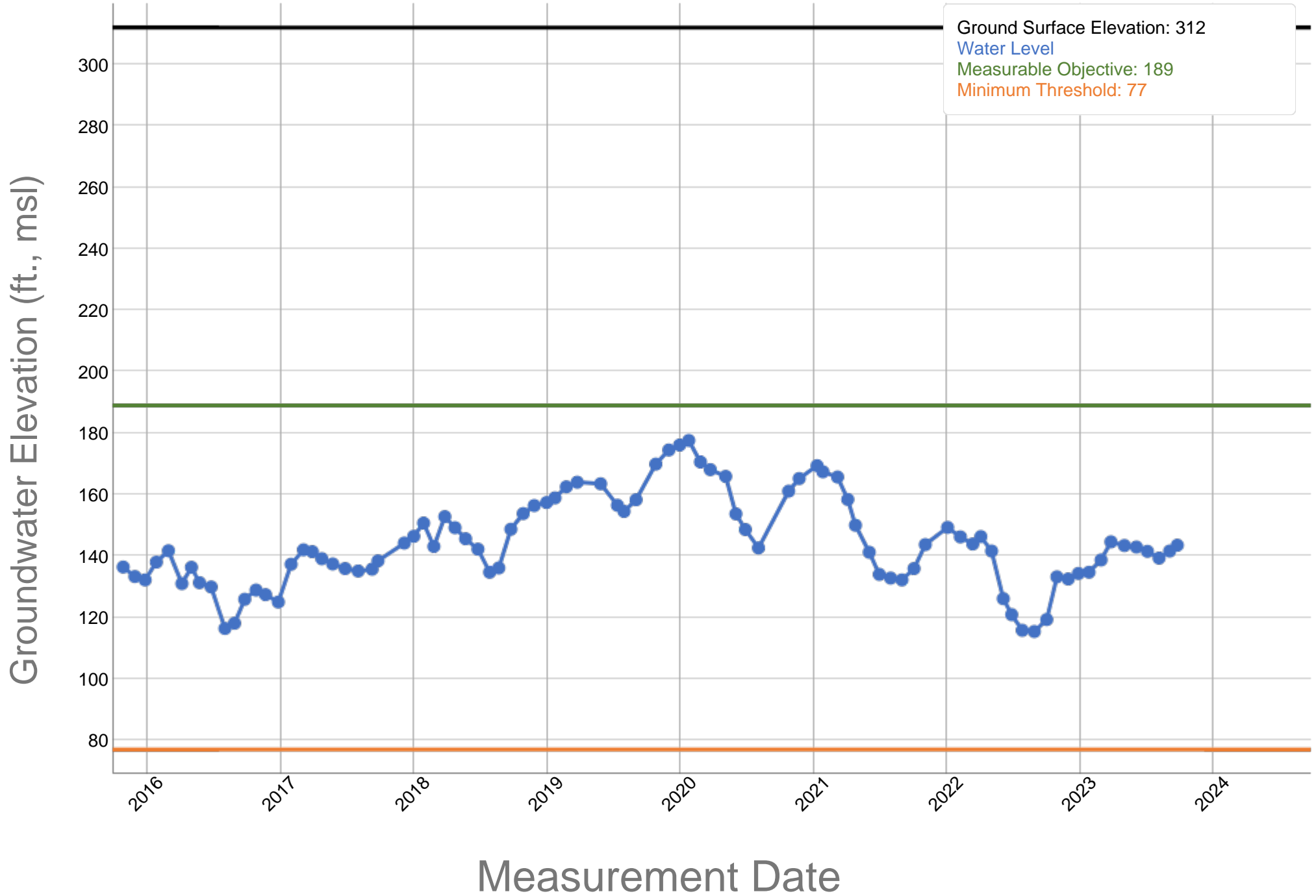
- ⊕ RRBMA RMW (Water Level)
- Major Highways
- Major Conveyance Facilities
- Kern River
- North Monitoring Area
- Central Monitoring Area
- South Monitoring Area
- East Monitoring Area
- South of the River Monitoring Area

*RMW = Representative Monitoring Well
 MO = Measurable Objective
 MT = Minimum Threshold*



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



**ROSEDALE-RIO BRAVO WATER STORAGE DISTRICT
DRAFT RECHARGE DELIVERIES
2023**

Delivery Point	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	Total
Kern River Intake	556	159	8,180	19,259	20,906	16,052	11,706	10,153	10,108				97,079
RRB Turnout No. 2	458	5,895	10,243	2,547	3,771	3,386	655	1,884	5,920				34,759
Central Intake	0	0	661	5,219	2,172	1,948	5,553	6,605	2,220				24,378
RRB Turnout No. 1	0	1,312	2,922	4,517	579	2,739	6,248	5,435	4,950				28,702
North Strand	0	0	4,165	4,501	4,155	4,115	3,989	3,011	2,870				26,806
South Strand	0	0	2,803	3,061	1,914	1,513	1,621	1,360	1,300				13,572
Stockdale West	0	0	3,719	4,505	2,628	1,815	1,603	1,954	1,430				17,654
RRB Westside In-Lieu	0	0	17	144	406	637	565	400	400				2,569
Grimmway Pilot	0	0	0	0	81	2,138	2,104	23	0				4,346
Pioneer Project	2,588	1,228	2,416	3,092	5,510	6,629	4,330	3,800	5,000				34,593
ID4 Exchange	0	0	1,189	979	0	0	0	0	0				2,168
TOTALS >	3,602	8,594	36,315	47,824	42,122	40,972	38,374	34,625	34,198	0	0	0	286,626

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

FROM: Zach Smith

DATE: October 10, 2023

RE: Maintenance Report

Discussion:

Staff worked on some maintenance items throughout the District in September. Specifically:

- Tractor with flail and skid-steer with sickle bar used to clear weeds at East & West Superior.
- Herbicide application followed flail and sickle work.
- Hand-cleaned weeds along fence at Stockdale East.
- Backhoe used to repair multiple leaks and levees throughout District.
- Staff completed monthly cleaning of electrical panels on recovery wells.



West Superior Bank Cleaning

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

FROM: Zach Smith

DATE: October 10, 2023

RE: Ratification of Emergency Purchase of Electrical Equipment – Central Intake

Discussion:

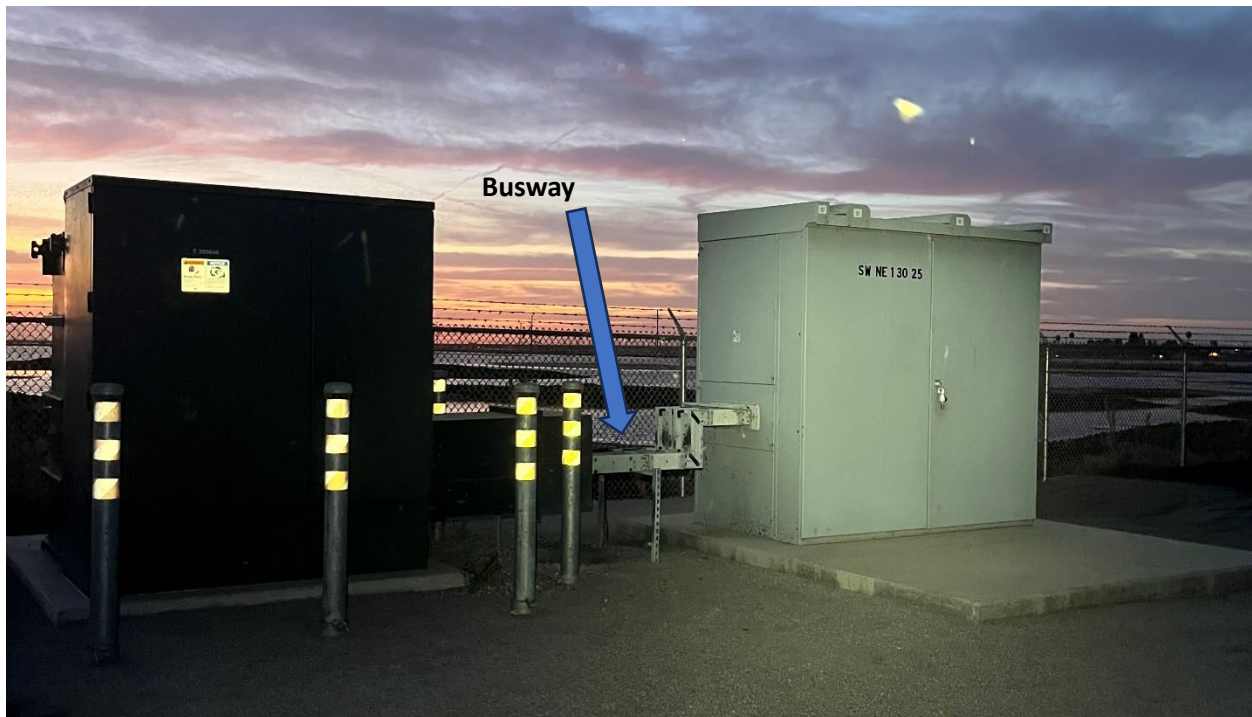
On Friday, September 29, 2023, at approximately 6:05 p.m., the Central Intake Pump Station experienced a failure in the busway connecting PG&E’s transformer to our switchboard. A busway replaces the normal cable connection when an electrical service exceeds 2,000-amps. Our pump station has a 3,000-amp service.

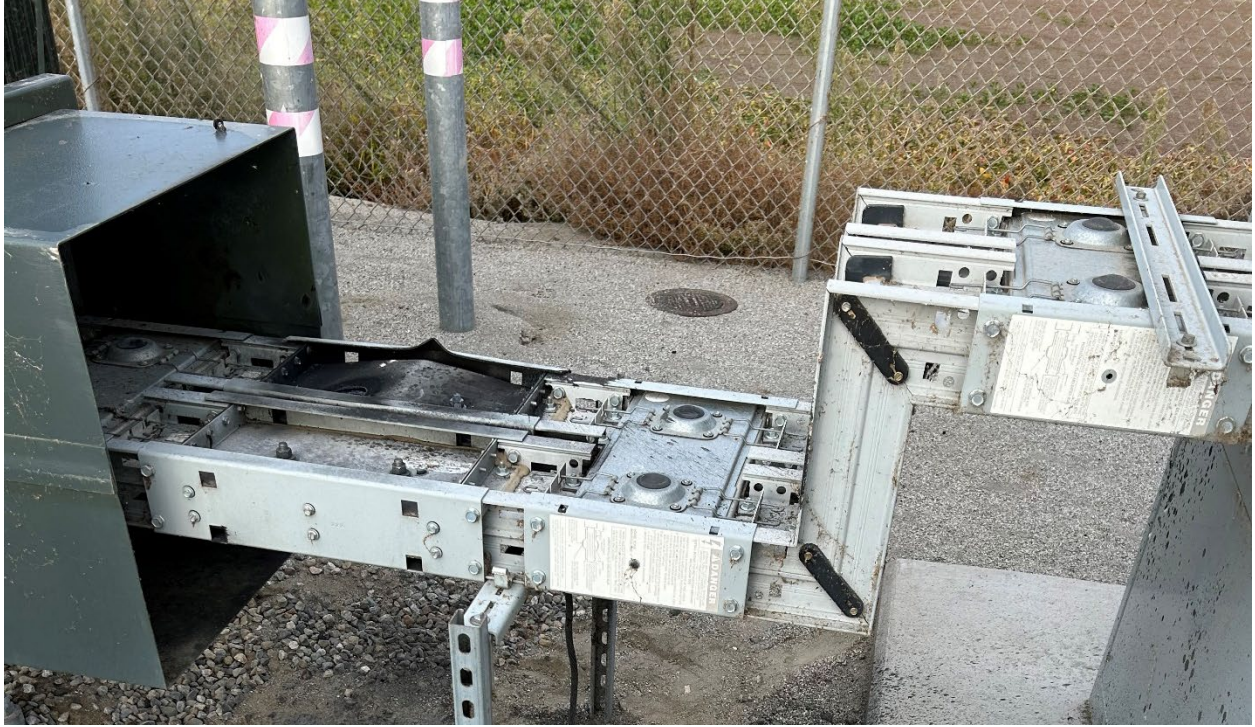
The busway is manufactured by General Electric (GE). GE’s normal delivery timing on the new busway is 14-16 weeks; however, they do have an expedited delivery option that can get us the new busway in four weeks for an additional fee. Normal pricing for the busway is approximately \$9,900. The cost to expedite and take delivery in four weeks is an additional \$12,100. Labor to install the new busway is estimated at \$3,500.

Due to current operations and the need for the Central Intake Pump Station, staff has authorized P&J Electric to expedite delivery of the new busway. Costs for this repair are anticipated to not exceed \$30,000.

Recommendation:

Staff recommends that the Board ratify costs for emergency electrical repairs to the Central Intake Pump Station for an amount not to exceed \$30,000.







Rosedale Rio Bravo Failed Bus Duct Replacement

Date: 10/3/2023

Item	Qty	Description
1	1	Busway, ReliaGear Series Busway 3 Total Feet of Bus, Outdoor NEMA 3R IP-65/66 construction(s) 3000 A, 3 Phase 4 Wire, 600 V Maximum, ac Short Circuit Withstand Ratings of 200 kA for 3 Cycles, 169 kA for 1 s, and 97 kA for 3 s Silver Plated Aluminum Bus 100% Rated Neutral 50% Rated Housing Ground ANSI/UL 857, NEMA BU-1, Federal Specification W-B-811b, CSA And ASTA IBC-2021, UBC Zone 4 List of Materials 1 ANSI - 61 Gray, Standard 1 Standard Warranty 3 Ft of Feeder Outdoor (IP65/66) 1 Each Unfused Reducer / Phase Transposition Forming Charge

- **Expedited lead time to ship is 4 weeks.**
- **No coordination/fault current/arc flash studies included.**
- **No field testing, training, ATS startup or other factory onsite services included**

Factory Tests

Standard factory test procedures will be performed. Field testing, customer inspections, customer witness tests and any other non-standard test procedures are not included unless specifically noted herein.

Warranty

1. The warranty for Products shall expire one (1) year from first use or eighteen (18) months from delivery, whichever occurs first, except that software is warranted for ninety (90) days from delivery. The warranty for Services shall expire one (1) year after performance of the Service, except that software related Services are warranted for ninety (90) days.
2. Additional 12 months available for 2% adder, 24 months for 4% adder. Limited Warranty for all Core/Standard and Stand Alone Drive Panels (including 18 Pulse / Multi Pulse Panel products but excluding DV300 DC Drives): 36 months from date of shipment. An additional 12 months (a total of 48 months) are available for 10% Net Price adder, or an additional 24 months (the maximum of 60 months) for 20% Net Price adder. Contact GE when order is placed to include extended warranty on item(s). DV300 DC Drives have a warranty period of 18 months after shipment only.

Terms of Payment

All projects are:

1. Net 30 days
2. Price Clause 1Q.
3. For projects up to \$250,000 terms of payment are 100% net 30 days from invoice date
4. If project value exceeds \$250,000 net, progress payments are required payable at the following milestones:
 - 20% upon delivery of drawings

- 30% upon release of equipment
- 50% upon shipment

Policies and Conditions of Sale

1. Sales to Authorized GE Distributor: This quotation is offered subject to the Apparatus Distributor Agreement between GE and Distributor. Sales to Direct Served Accounts: See Form ES104 (Rev. 4), except as specifically noted herein and for GE Critical Power products, see non-standard warranty terms defined in following link:
<http://apps.geindustrial.com/publibrary/checkout/Catalogs%20and%20Buyers%20Guides%7CCPBWR%7Cgeneric>
2. To the extent the Buy American Act, Trade Agreements Act, or other domestic preference requirements are applicable to this Contract, the country of origin of Products is unknown unless otherwise specifically stated by Seller in this Contract
3. This quotation expires in 30 calendar days unless terminated sooner by notice.
4. Order must be released for manufacture within 90 days. If drawings are required they must be returned approved for release within 60 days of mailing. If not, and/or shipment is delayed for any reason, the price will increase 1.5% for each partial/full month that shipment is delayed after the 90 day period.
5. Price(s) quoted are for estimated lead times given; expedited schedule may require additional charges.
6. For Branded Products, quotation expires in 30 calendar days unless terminated sooner by notice. If approval drawings are required they must be returned approved for release within 60 days of mailing. If not, and/or shipment is delayed for any reason beyond 6 months from order entry, the price will be subject to change based on current market conditions. Please contact Branded Product upfront regarding any special commercial terms not covered here for vendor consideration.

Order Cancellation – Schedule of Charges

1. 10% - Order received and entered on factory, work not started, material not ordered.
2. 30% - Drawings for approval submitted.
3. 60% - Approved drawings returned. Job released for manufacture and shipment.
4. 80% - Material accumulated and production started.
5. 100% - Manufacturing completed.

Delivery and Transportation

1. EXW GE's facility, place of manufacture or warehouse (Inco terms 2000). Title passes upon shipment.
2. GE will assume the risk of loss or damage to the destination for a 2% adder (but not less than \$500 net) applied to the total price of the equipment. "Destination" is defined as GE's common carrier's delivery point nearest first destination or point of export within the continental U.S.
3. Unless otherwise noted in this quotation, normal transportation and handling, is allowed on orders of \$500 net or more to common carrier point nearest destination within the Continental US (excluding Alaska and Hawaii).
4. Shipment via Air or Open Top/Flatbed/Lift gate truck not included unless specifically listed herein.
5. Special Instruction - The Receiving Associate is required to sign, date and note specific visible or concealed damage on Bill of Lading at time of delivery. Freight Company Associate is required to witness Receiver's signature, date and damage claim annotations. GE's Post Sales Service Department must be provided with copy of annotated BOL within five (5) days of delivery or Shipper's responsibility ends.

Other Notes

1. The lead times quoted are for Estimating Purposes Only. Actual drawing and shipping schedules will be based on factory load, receipt of order with complete technical information, and the date GE receives authorized release to manufacture. The accompanying Bill of Material is our interpretation of what is required to meet the intent of the listed Drawings and Specifications. Please review thoroughly for accuracy and completeness, and advise immediately if any revisions are required. This proposal is limited to the attached Bill of Material only. Start-up Services and Training are not included unless specifically noted herein. Changes to scope will require a revised proposal.
2. The devices listed on this bill of material may have selective coordination over the long time, short time and instantaneous range. GE's selective capabilities are listed in publication DET 537. It is recommended that a qualified engineer be employed to determine selective coordination as required

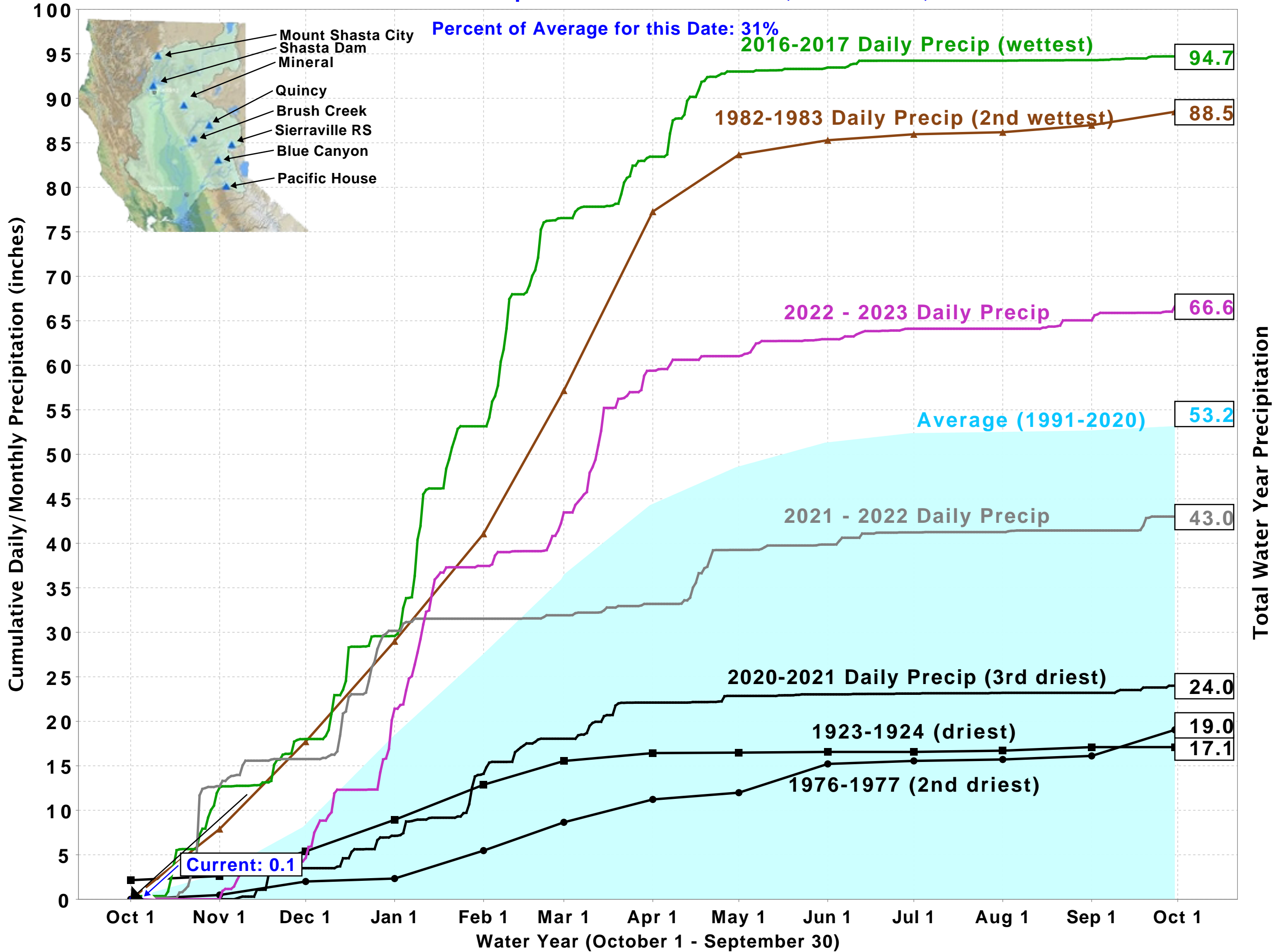
for the project and in accordance with applicable local codes and acceptable engineering practices. Selective coordination may require significant changes to the system design, equipment sizing and cost.

GE Proprietary Information

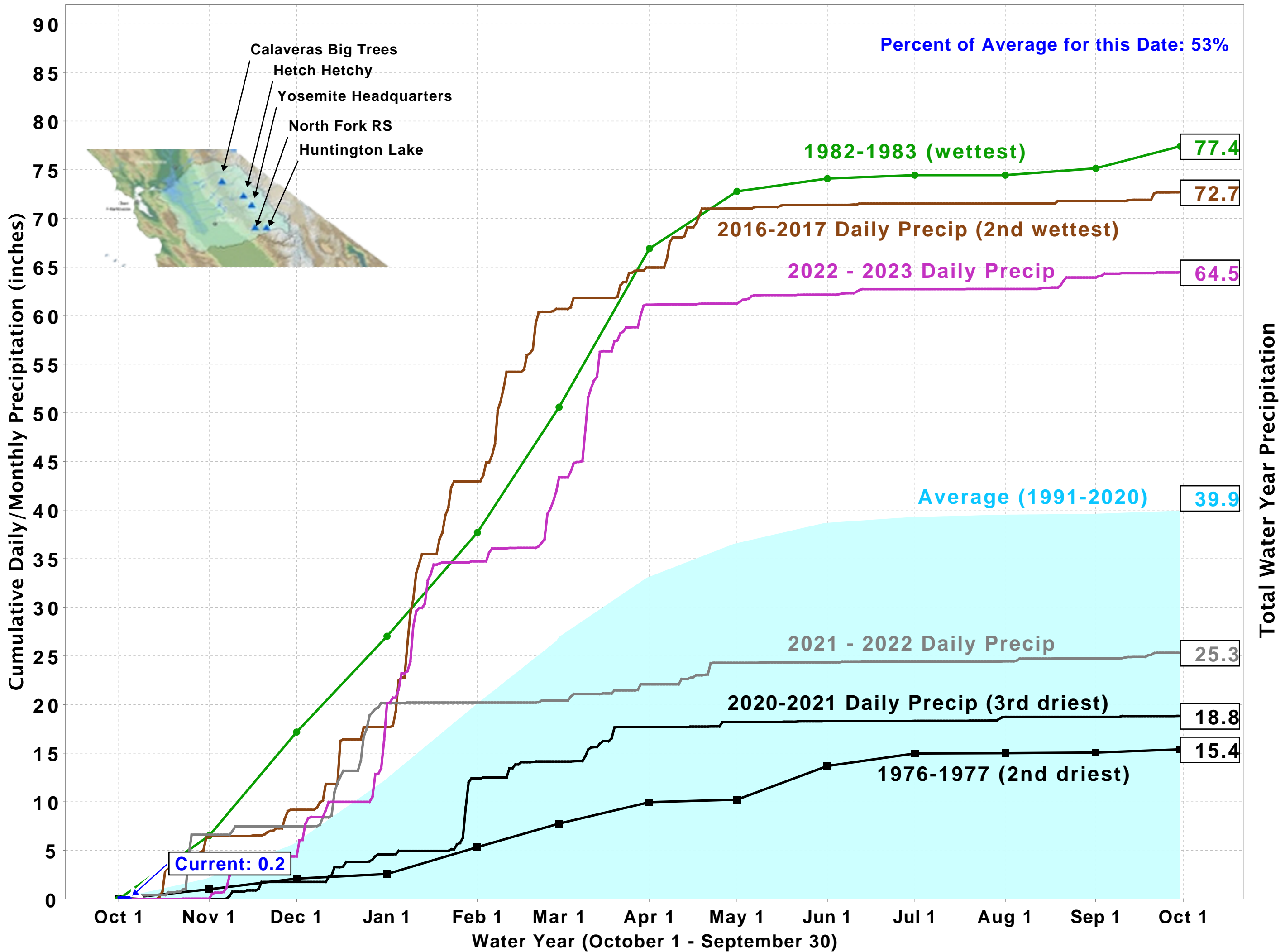
The information contained in this document is GE Proprietary Information and is disclosed in confidence. It is the property of GE and shall not be used, disclosed to others or reproduced without the express written consent of GE.

Clint Geer

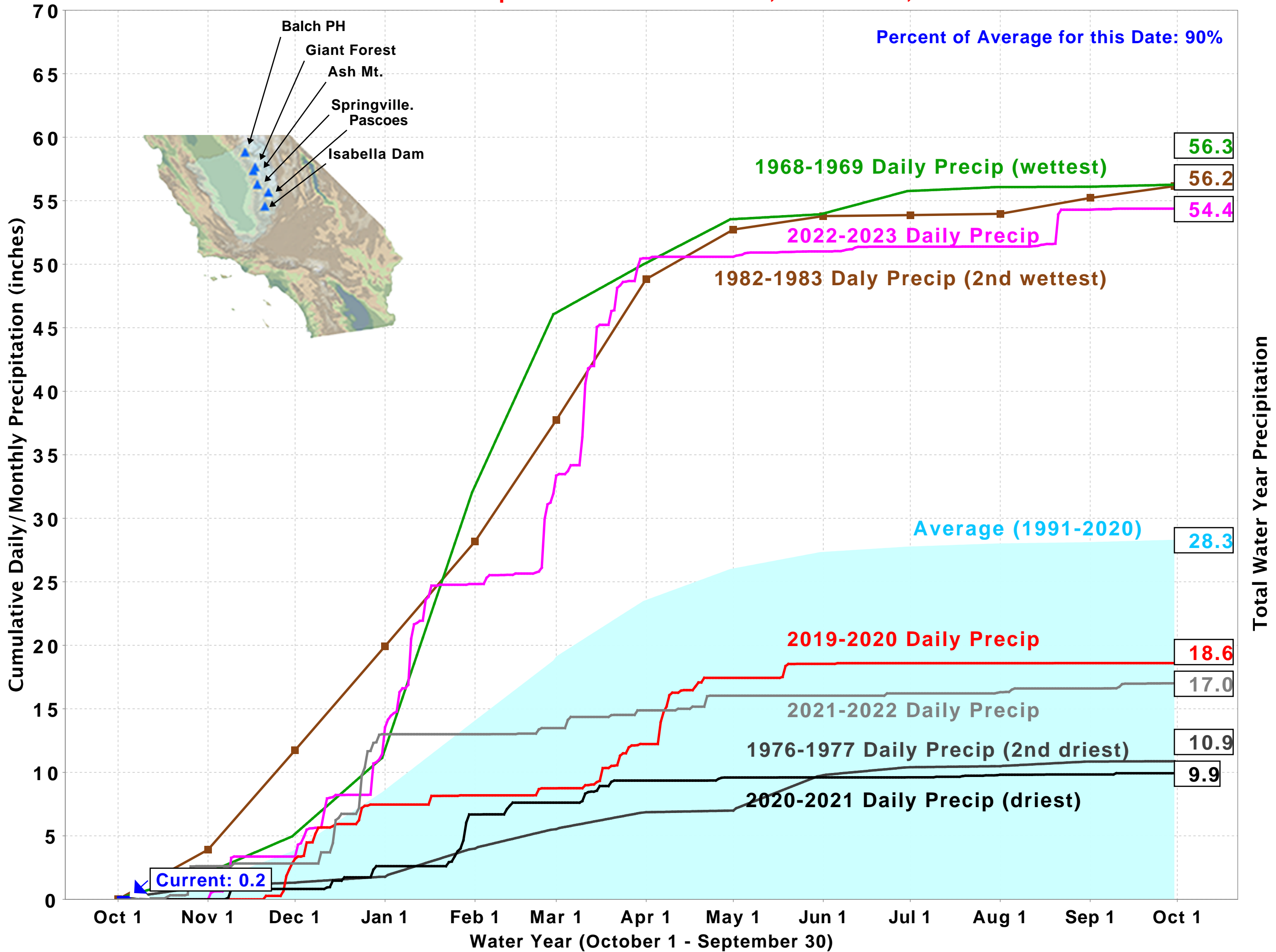
Northern Sierra Precipitation: 8-Station Index, October 05, 2023



San Joaquin Precipitation: 5-Station Index, October 05, 2023



Tulare Basin Precipitation: 6-Station Index, October 05, 2023



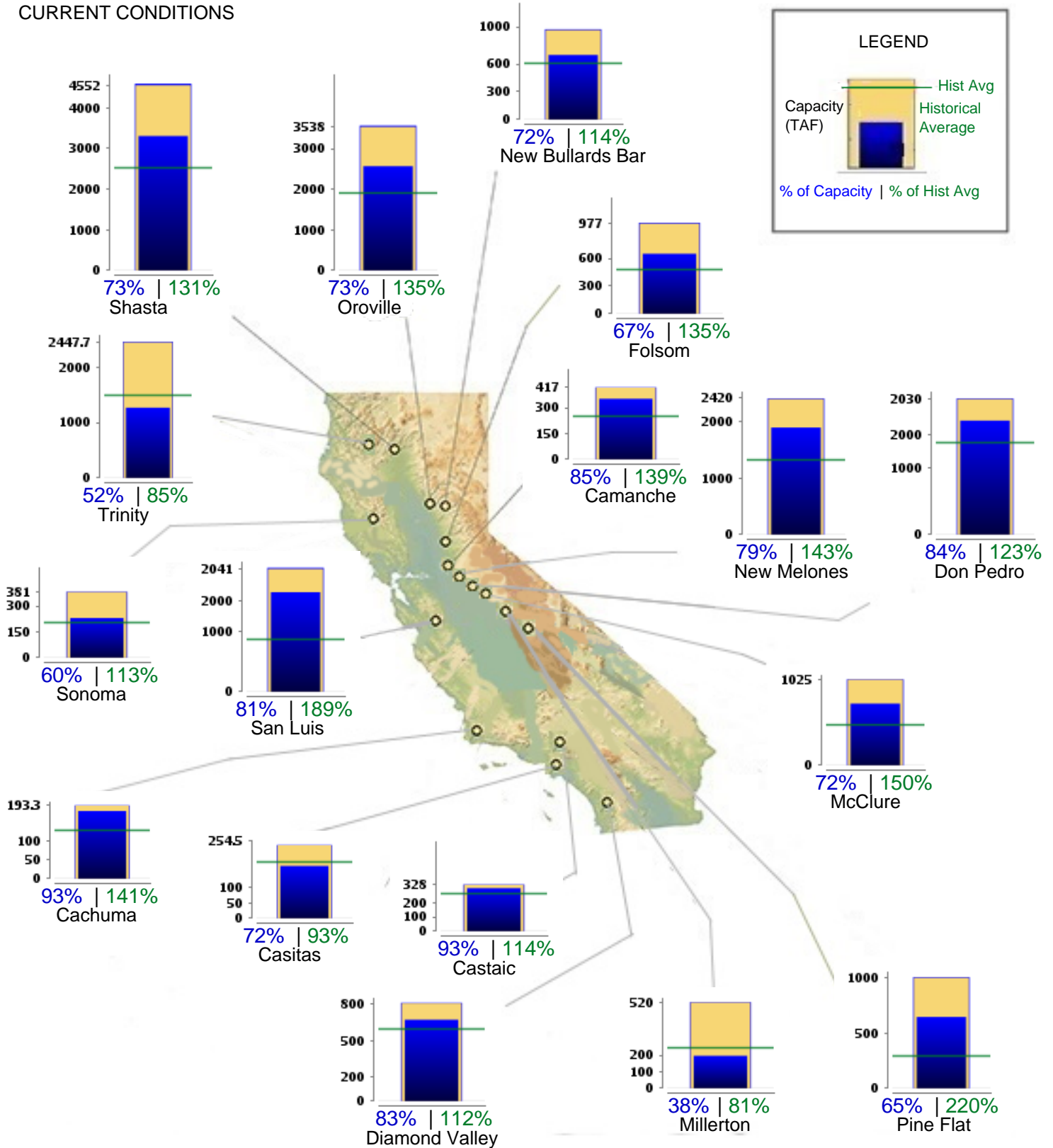


CURRENT RESERVOIR CONDITIONS

CALIFORNIA MAJOR WATER SUPPLY RESERVOIRS

Midnight - October 4, 2023

CURRENT CONDITIONS



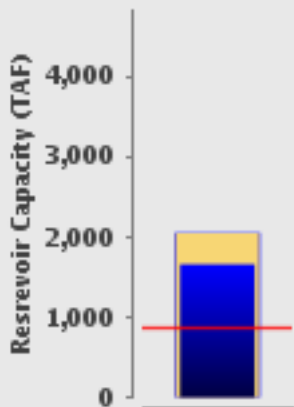


CURRENT RESERVOIR CONDITONS



San Luis Res Conditions

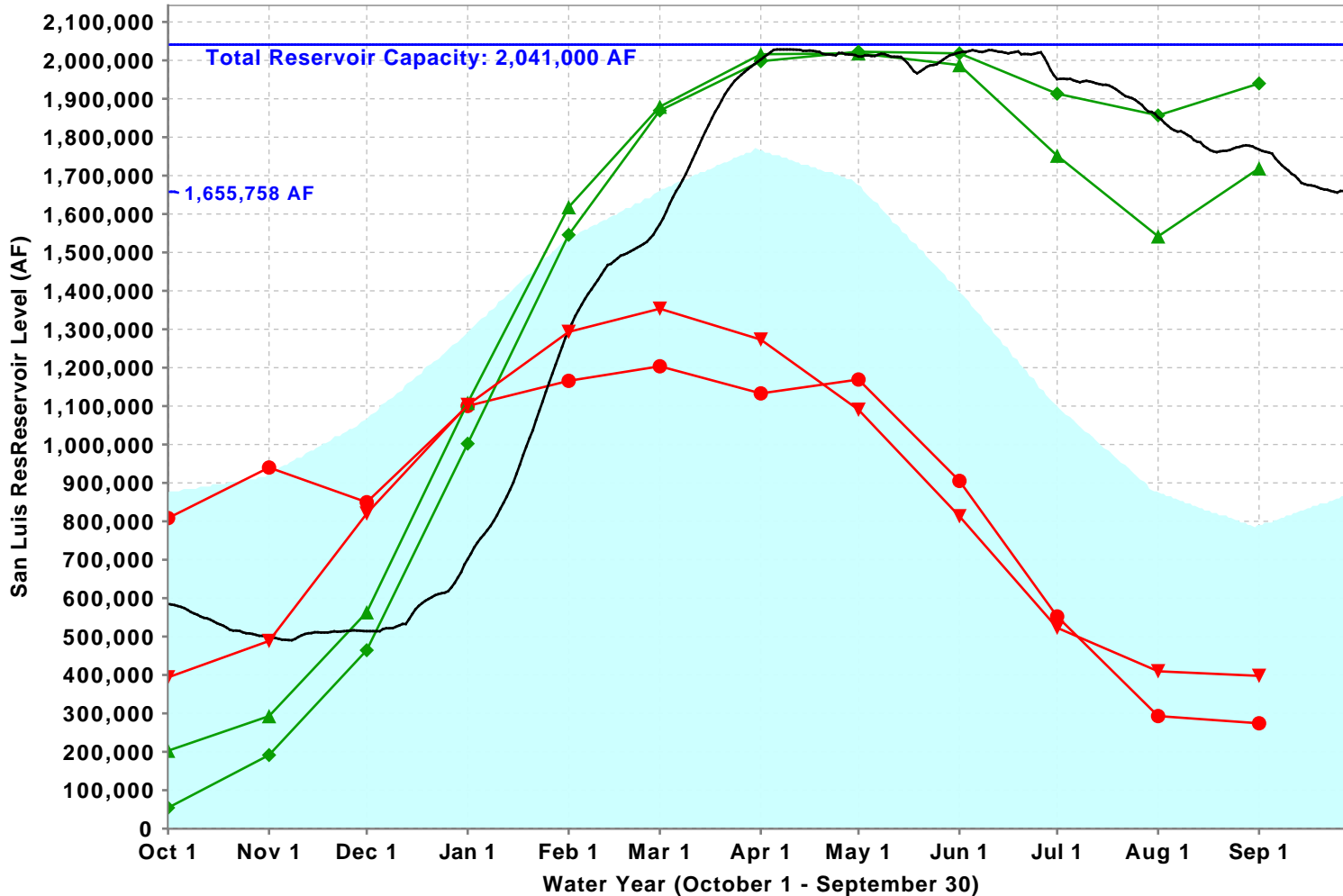
(as of Midnight - October 4, 2023)



Current Level: 1,655,758 AF

81% (Total Capacity) | **189%** (Historical Avg.)

San Luis Res Levels: Various Past Water Years and Current Water Year, Ending At Midnight October 4, 2023



■ Historical Average
 — Total Reservoir Capacity
 ● 1976-1977
 ▲ 1977-1978
 ◆ 1982-1983 (Wettest)
 — 2022-2023
 ▼ 2014-2015 (Driest)
 — Current: 2023-2024

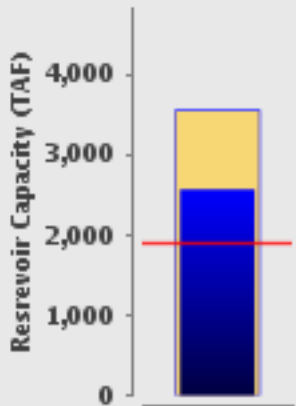


CURRENT RESERVOIR CONDITONS



Lake Oroville Conditions

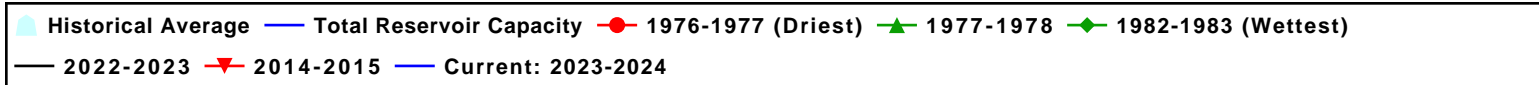
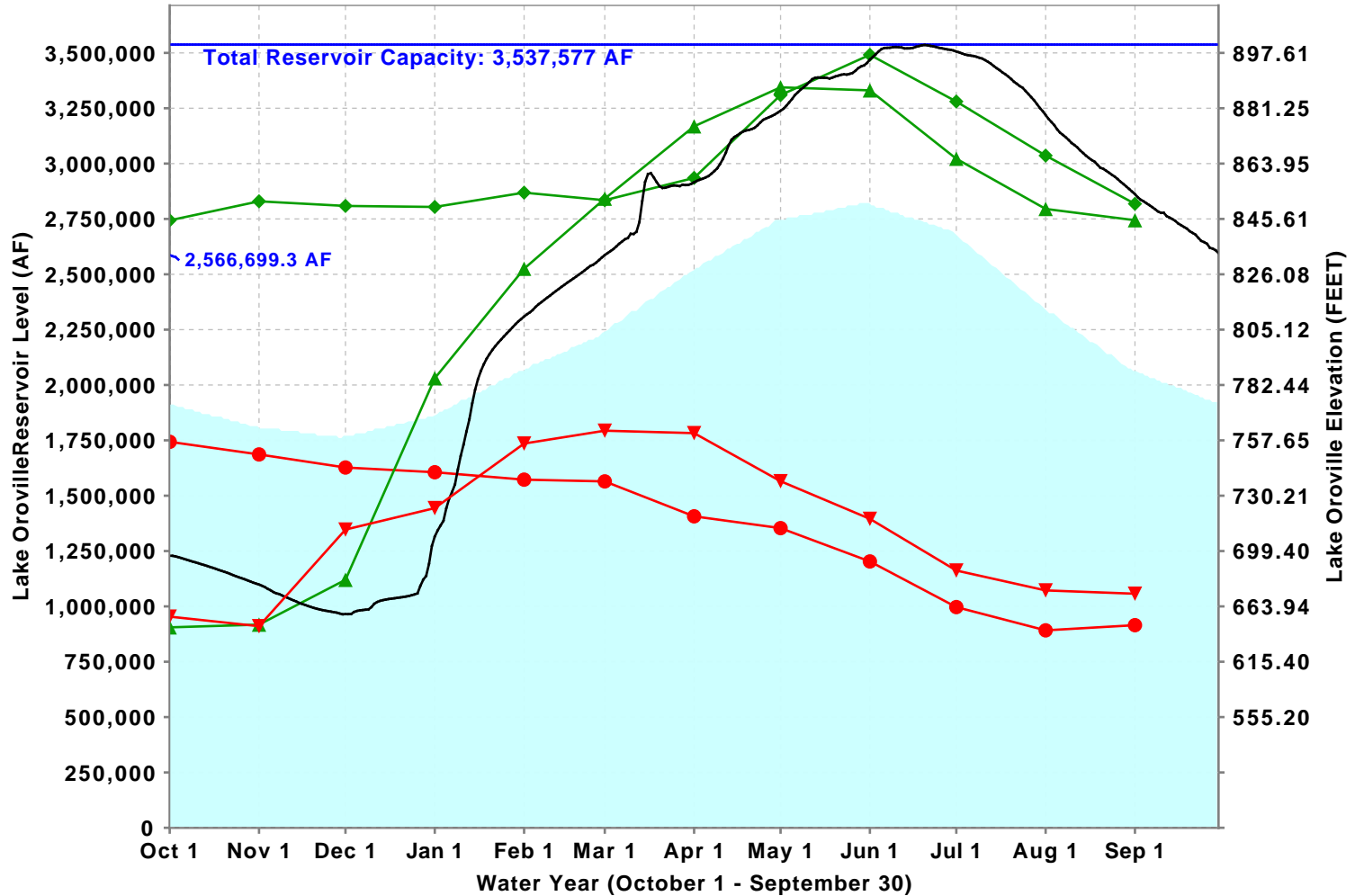
(as of Midnight - October 4, 2023)



Current Level: 2,566,699.3 AF

73% (Total Capacity) | **135%** (Historical Avg.)

Lake Oroville Levels: Various Past Water Years and Current Water Year, Ending At Midnight October 4, 2023





OCTOBER 2023

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 # 3 OBJECTIVES	PRIORITY	STATUS	OWNER
Develop an Implementation Plan By 8/31	HIGH	COMPLETE	Trent Taylor
Develop a Communication Plan By 6/30	HIGH	COMPLETE	Trent Taylor Dan Raytis
Develop a Policy List By 6/30	MEDIUM	COMPLETE	Trent Taylor Dan Raytis
Develop a Rate Study/Engineers Report By 5/31	MEDIUM	COMPLETE	Trent Taylor Dan Raytis
Implement a Water Charge for Water Usage in 2024 By 12/31	MEDIUM	IN PROGRESS	Trent Taylor Dan Raytis

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

FROM: Rachelle Echeverria

DATE: October 10, 2023

RE: Consideration of Continuing Emergency Action – Public Contract Code §22050(c)(1) – Resolution No. 531

Discussion:

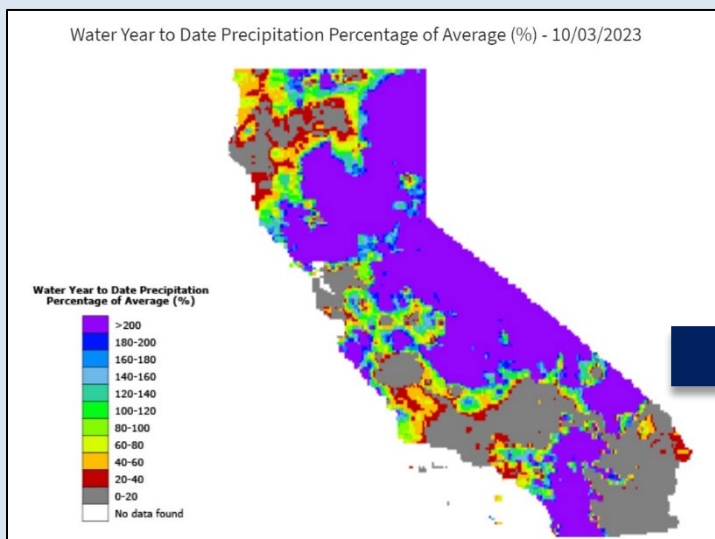
In March of 2023, Governor Newsom released Executive Order N-4-23, which declared a state of emergency due to severe winter storms and flooding within California. The order authorized state agencies to take necessary actions to protect public health, safety, and property, and directed state agencies to coordinate with local governments and assist in the response and recovery efforts. The Executive Order aims to temporarily lift regulations and set clear conditions for diverting flood waters without permits to boost groundwater recharge storage.

Due to this unprecedented wet year, major California reservoirs are nearing capacity and have surpassed historical averages. On April 20, 2023, the Department of Water Resources (DWR) announced an increase in the State Water Project (SWP) allocation from 75% to 100% of requested supplies. Additionally, on August 4, 2023, Governor Newsom signed another Executive Order, N-10-23, to prepare for the next wet season by expediting critical work like levee repairs and debris removal to help protect communities and conserve water. A copy of the executive order can be found [here](#). This action builds on Governor Newsom's series of measures to protect communities from flooding while replenishing California's groundwater and storage.

In light of such conditions, the District must be prepared to protect the interests of water users and farmers within the District. Resolution No. 531 would authorize the General Manager to take all necessary actions to address the Governor's emergencies. Therefore, there is still a need to continue emergency action.

Recommendation:

District staff recommends that the Board of Directors approve a motion to continue the emergency action authorized by Resolution No. 531.



Visit the Department of Water Resources California WATER WATCH website for the most current local and statewide water conditions by clicking [here](#) or using the QR code below.



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

FROM: Dan W. Bartel

DATE: October 10, 2023

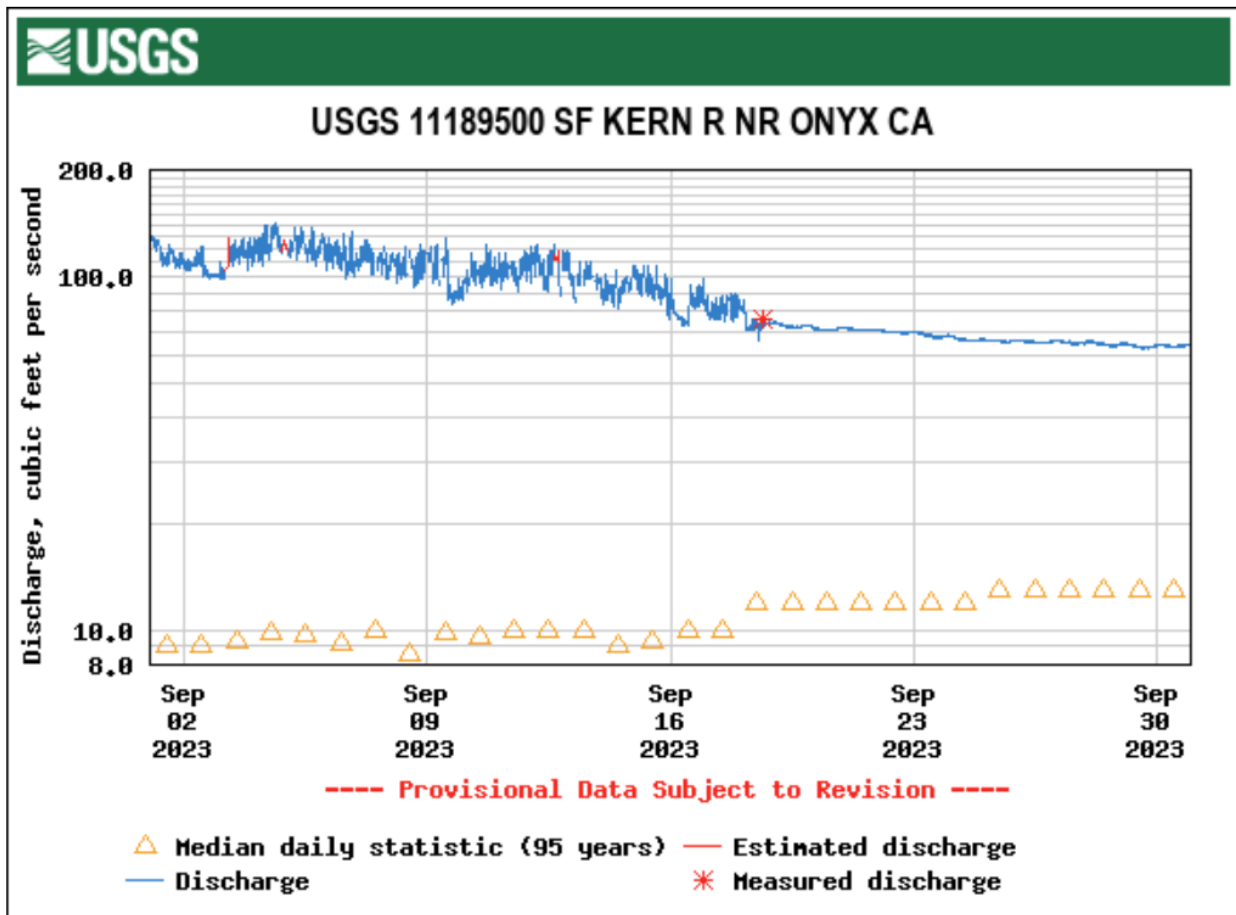
RE: Onyx Ranch Operations Report

Discussion:

Staff has:

- Continued operation of non-project conveyance
- Preparing for ditch cleaning and spill box replacement on the Smith Ditch
- Completed replacement of irrigation boxes on Smith Ranch
- Continued with fencing projects.
- Resumed project flows September 6 after irrigation demands resumed after Hurricane Hilary dumped 4” of rain the SF Valley; operations were communicated to Watermaster, COB, and KCWA.
- USGS made repairs to the SF meter station September 18 correcting moderate variations experienced during the Spring and Summer.

South Fork flows downstream of Bloomfield averaged 91 cfs plus calculated accretions of 12 cfs, for a total average flow of about 103 cfs.









South Fork Kern River Monthly Measurement Report

September-2023

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)			RRBWSD (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		RRBWSD to Isabella
	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"
1	130	156	13										0.0	1.6	4.5		3.8	12	Yes	Yes	0	
2	108	109	13										0.0	1.6	4.5		3.7	12	Yes	Yes	0	
3	116	134	13										0.0	3.6	4.5		3.6	14	Yes	Yes	0	
4	126	128	13										0.0	3.8	4.5		3.7	14	Yes	Yes	0	
5	125	112	13	104									0.0	3.8	4.5		3.8	14	Yes	Yes	0	
6	115	111	5			6.5	2.0	6.5					26.0	3.5	4.5		5.2	28	Yes	Yes	22	
7	112	129	5			6.2	1.9	6.3					26.0	3.5	4.5		5.2	28	Yes	Yes	22	
8	109	112	5			6.3	2.0	6.2					26.0	3.1	5.0		4.9	28	Yes	Yes	22	
9	101	98	5	90		6.5	1.8	6.5					26.0	2.5	7.0		4.1	28	Yes	Yes	22	
10	104	97	6			6.5	1.8	6.5					26.0	2.2	7.0		4.5	29	Yes	Yes	22	
11	104	98	6			6.0	2.0	6.0					26.0	2.5	7.0		4.8	28	Yes	Yes	22	
12	107	102	6			6.5	2.3	6.5					26.0	2.9	7.0		4.8	30	Yes	Yes	22	
13	99	100	6			6.3	1.6	6.2					26.0	2.6	7.0		4.6	28	Yes	Yes	22	
14	93	88	6			6.5	1.3	6.5					26.0	2.1	7.0		4.2	28	Yes	Yes	22	
15	92	107	6			6.5	12.1	6.5					26.0	1.6	7.0		4.1	38	Yes	Yes	22	
16	81	77	6	84.51		6.5	10.5	6.5					26.0	1.5	6.5		3.9	35	Yes	Yes	22	
17	81	75	19			6.5	10.7	6.5					26.0	1.4	6.5		3.9	36	Yes	Yes	22	
18	74	75	19			6.0	8.7	6.0					26.0	4.6	6.0		3.6	35	Yes	Yes	22	
19	73	74	19			6.2	10.0	6.3					26.0	3.9	6.0		3.6	36	Yes	Yes	22	
20	71	71	19			6.3	0.4	6.2					26.0	3.8	6.0		3.4	26	Yes	Yes	22	
21	71	71	19			6.0	7.5	6.0					26.0	7.4	6.0		3.3	36	Yes	Yes	22	
22	70	70	19	69.07		6.5	8.1	6.5					26.0	7.1	6.0		3.3	38	Yes	Yes	22	
23	58	70	16			6.5	8.6	6.5				7.6	26.0	6.0	6.0		3.1	38	Yes	Yes	22	
24	67	67	16			6.0	10.6	6.0				7.3	26.0	6.0	6.0		3.1	39	Yes	Yes	22	
25	66	66	16			6.0	8.0	6.0				7.0	26.0	6.0	6.0		2.9	36	Yes	Yes	22	
26	65	66	16			0.5	11.0	0.5				7.1	26.0	6.0	6.0		2.9	28	Yes	Yes	22	
27	65	66	16			6.2	7.0	6.3				7.2	26.0	6.0	6.0		3.2	36	Yes	Yes	22	
28	64	65	16	65		6.3	11.3	6.2				7.1	26.0	6.0	6.0		3.3	40	Yes	Yes	22	
29	64	65	17			6.2	12.5	6.3				7.2	26.0	6.0	6.0		3.1	41	Yes	Yes	22	
30	64	64	17			6.3	12.8	6.2				7.2	26.0	5.5	5.5		2.9	41	Yes	Yes	22	
SFD	2,688	2,723	372		0	152	176	152	0	0	0	65	650	63	176	0	114	899	0	0	559	
AF	5,332	5,401	739		0	301	350	301	0	0	0	128	1,289	126	349	0	227	1,782	0	0	1,109	
		91	12			651		301						126		349	3.8	30			16.8	

Note:

Historic Cap cfs = 26 **Bold ##** on USGS denotes USGS gage verification RRB Nicoll deliveries to Boone field (non-project)

RRBWSD resumed project 09/06 after hurrican Hillary when irrigation demands picked back up

**ROSEDALE-RIO BRAVO WATER STORAGE DISTRICT - ONYX RANCH
MONTHLY GROUNDWATER MONITORING RUN
SEP**

2023

Well Name	DATE	Depth to Water (ft)	Notes
Onyx Store - Domestic	9/28/2023	39.5	
Ranch HQ - Domestic	9/28/2023	51.6	is on
Landers Sand - Old Ag Well	9/28/2023	17.6	
Onyx Store - Old Ag Well	9/28/2023	18..7	
Mack Well	9/28/2023	22.1	
Nicoll Field - Old Ag Well	9/28/2023	14.7	
Mack Field West - Domestic	9/28/2023	13.5	
Gibboney-2 Piezo	9/28/2023	9.4	
Gibboney-3 Piezo	9/28/2023	7.2	
Boone Piezo	9/28/2023	4.6	
Lieb Piezo	9/282023	7.9	
Pruitt Piezo	9/28/2023	11.7	
Scodie Well	9/28/2023	21.3	
Pruitt Well	9/28/2023	15.4	
Nicoll Well	9/28/2023	15.2	
Mack Piezo	9/28/2023	16.2	
West Onyx Piezo (Top of pipe to the concrete 1.9ft)	9/28/2023	17	is on
East Onyx Piezo (Top of pipe to the concrete 1.4ft)	9/28/2023	21.4	
Smith Piezo #1	9/28/2023	14.5	
Smith Piezo #2	9/28/2023	16.4	
Smith Piezo #3	9/28/2023	15.4	

October 5, 2023

Mr. Dan Bartel
Rosedale-Rio Bravo Water Storage District
849 Allen Road
Bakersfield, California 93314

**Re: Scope of Work and Cost Estimate to Complete “Step 2: October – January Update”
of the Onyx Groundwater / Surface Water Flow Model**

Dear Mr. Bartel,

In response to Rosedale-Rio Bravo Water Storage District’s (the District’s) request, Thomas Harder & Co. (TH&Co) has prepared this scope of work and cost estimate to update the District’s groundwater / surface water flow model (“the current model”) for the Onyx Ranch Project (“the Project”).

Background

The current model simulates groundwater and surface water flow in the vicinity of the South Fork of the Kern River (“South Fork”) in the area immediately upstream (east) of Isabella Reservoir (“the Reservoir”). This area is hereafter referred to as the “model area”. Within the model area, there are numerous canals off the South Fork that supply water to local farms for crop irrigation. Diversion gates at the head of these canals can be opened to allow South Fork water to flow into these canals and ultimately to local fields for crop irrigation. The Project involves closing the diversion gates for some fields thereby allowing water that would have otherwise been directed to these fields to continue to the Reservoir. This water is hereafter referred to as “redirected Project water”.

Model Time Periods

The “total period” for the current calibrated model extends from January 1, 2005 to December 31, 2020 whereas the “Project period” extends from January 1, 2008 to December 31, 2020 (i.e., the Project period begins 3 years after the start of the total period). As part of this effort, the

historical period of the model will be updated to extend from January 1, 2005 to September 30, 2023. The Project period for analysis will extend from January 1, 2008 to September 30, 2023^[1].

Objective

The objective of the modeling is to estimate the percentage of redirected Project water that reached the Lake for each year within the Project period (hereafter referred to as the “transmission efficiency”).

It is TH&Co’s understanding that the District will use the hindcast modeling results of the updated model to update their “% of Redirected Flow” curve. The curve is a graph of TH&Co’s transmission efficiencies versus the District’s “% April-July 1st Point Natural” values. TH&Co’s transmission efficiencies are the basis for a “no injury factor”, which we understand is calculated by the District as 100% minus the transmission efficiency.

Scope of Work

The current model is calibrated to historical data through December 2020. As noted above, this scope of work (SOW) involves updating the current model through September 2023 and running the Project hindcast.

Our proposed SOW consists of six tasks as follows:

- Task 1 – Obtain Hydrogeologic Data
- Task 2 – Update Model Input Files
- Task 3 – Assess and Update Model History Match (“Model Calibration”)
- Task 4 – Conduct Project Simulation and Quantify Annual Transmission Efficiencies
- Task 5 – Technical Memorandum
- Task 6 – Project Management.

Details regarding each of these tasks are provided below.

Task 1 – Obtain Hydrogeologic Data

TH&Co will obtain from the sources noted in italics below, the following hydrogeologic data for the update period (January 1, 2021 through September 30, 2023):

- Monthly South Fork Kern River surface water flow at the United States Geological Survey (USGS) gaging station at Onyx (*to be obtained from on-line source*)
- Monthly South Fork Kern River surface water diversions between the USGS gaging station at Onyx and Lake Isabella (*to be obtained from the District*)

¹ It is noted that updating the model through September 2023 assumes that the requisite data needed to do so will be available within a reasonable timeframe to complete the work by the end of January 2024.



- Monthly redirected flows, and the locations thereof, during April through June 2022 and July through September 2023^[2] (*to be obtained from the District*)
- Monthly Lake Isabella surface elevations and evaporation rates (*to be obtained from on-line source*)
- Monthly North Fork Kern River surface water flow at the US Army Corps of Engineering station at Kernville (*to be obtained from on-line source*)
- Monthly groundwater production data for Wilson 2 and the Onyx wells (i.e., Scodie, Pruitt, Nicoll, Mack, and Landers) (*to be obtained from the District*)
- Monthly evapotranspiration data throughout the model area (*to be obtained from the District*)
- Monthly groundwater level data from the following 28 wells/piezometers (*to be obtained from the Audubon Society and the District*):
 - Audubon wells (Hyd-1, -2, -4, -9, -11, and -13)
 - SP-2 and SP-4
 - Lieb, Boone, Pruitt, Gibboney-2 and Gibboney-3 piezometers
 - Mack Field West, Onyx Store, and Ranch Headquarters domestic wells
 - Nicoll Field, Landers Sand, and Onyx Store old agricultural wells
 - Prince
 - Mill S
 - 26S/34E-13J01
 - 26S/34E-14J02
 - 26S/34E-15N
 - 26S/34E-20N01
 - 26S/35E-04Q01
 - 26S/35E-18M01
 - 26S/35E-19K01.

Task 2 – Update Model Input Files

This task will involve using the data obtained from Task 1 to update the model input files. The model simulator is the USGS’s widely-used MODFLOW code. For this task, the only model input files (“packages”) that will be updated using the data from Task 1 will be parameters that change with time (groundwater pumping, recharge, diversions, etc). The general functions of these packages, and the parameters to be updated, are as follows:

- Discretization (DIS) package: The physical dimensions (e.g., model layering and model cell dimensions) and time increments of the model are specified in this package. The time increments are expressed as the number of days in each month. The additional

² As noted in electronic mail from the District to TH&Co dated September 7, 2023.



33 months necessary to update the model (i.e., January 2021 through September 2023) will be incorporated into the DIS package.

- **Streamflow Routing (SFR) package:** Surface water flow and surface water-groundwater exchange is simulated with this package. Monthly South Fork flows at the USGS gaging station at Onyx are direct inputs to this package as are the monthly North Fork Kern River flows at the Kernville gaging station. Monthly diversions from the South Fork into the various irrigation canals are also direct inputs to this package. As noted above, the District redirected water along the South Fork during April through June 2022 and July through September 2023. The flow rates involved and the locations at which the water was redirected will also serve as direct input to this package. Finally, monthly surface water evaporation rates are direct inputs to this package.
- **General Head Boundary (GHB) package:** This package is used to simulate groundwater exchange at the shoreline of the Lake. Monthly lake surface elevations serve as direct input to this package.
- **Well (WEL) package:** This package is used to simulate groundwater pumping and mountain front/block recharge; the latter is largely assumed to be at the head of the many canyons in the model area. Monthly pumping from wells that are metered (Scodie, Pruitt, Nicoll, Mack, Landers, and Wilson 2) through September 2023 will be used as direct input to the WEL package. Pumping for the unmetered wells will continue to be estimated based on agricultural demand and adjusted as necessary through history matching with consideration given to the number wells and pumping rates.
- **Recharge (RCH) package:** Conceptually speaking, this package is used to apply water at the ground surface derived from precipitation, surface water deliveries, and pumping. Calculations external to MODFLOW to account for evapotranspiration, as provided by the District, will be conducted to update the RCH package. Surface deliveries are measured at the diversion gates (i.e., the upstream end of the canals) and not at the farm (i.e., the downstream ends of the canals); therefore, assumed canal losses will also be included in the external calculations to estimate how much surface water – a portion of which becomes recharge as “return flow” - is delivered to the various farms. The assumed canal losses will be checked as part of the history matching assessment. As such, the RCH package is interdependent with the SFR package described earlier.
- **Evapotranspiration (EVT) package:** This package simulates evapotranspiration within the riparian area. It is assumed that there have been no significant changes to the riparian area as compared to the current model. Therefore, this package will remain unchanged for this update (other than extending the time over which it functions to September 2023).
- **Drain (with return flow) (DRT) package:** This package is used to return all water that rises to the ground surface within the riparian area to the nearest location within the South Fork. It is assumed here that there have been no significant changes to the ground surface elevations within the riparian area as compared to the current model. Therefore,



like the EVT package, the DRT package will remain unchanged for this update (other than extending the time over which it functions to September 2023).

Task 3 – Assess and Update Model History Match (“Model Calibration”)

TH&Co will run the updated model and assess its ability to match updated groundwater elevations at the 28 wells/piezometers listed above in Task 1 through September 2023. The assessment will involve visual inspection of hydrographs and statistical methods. TH&Co will adjust model input parameters using manual and/or automated techniques to improve the history match as necessary.

Task 4 – Conduct Without Project Simulation and Quantify Annual Transmission Efficiencies

The updated model described in Tasks 2 and 3 will include the redirected water in 2023 (a “with Project” condition). In contrast to analyses prior to 2020, TH&Co will need to prepare a “without Project” scenario for analysis with the model from which to compare the water reaching Isabella Reservoir under the “with Project” actual condition, since the Project was implemented (i.e. water was redirected) after 2021. This is necessary to estimate the transmission efficiency and “no injury factor.” For this task, TH&Co will need to obtain from the District the following:

- Where and how much of the redirected surface water would have been diverted to fields, absent the Project. TH&Co will modify the SFR and RCH packages accordingly for the “without Project” scenario.
- How much groundwater would have been pumped from District wells.

Annual transmission efficiencies will be calculated on a water year (WY) basis (i.e., October through September) for WY 2008 through WY 2023. The transmission efficiency (TE), expressed as a percentage, will be calculated as follows:

$$TE = \frac{(SWO_{Proj} - SWO_{No Proj}) + (GWO_{Proj} - GWO_{No Proj})}{RPW}$$

where all terms on the righthand side of the equation are expressed in units of acre-feet and the subscript “Proj” denotes “Project conditions”. The terms SWO and GWO denote model-predicted surface water outflow to the Lake and groundwater outflow to the Lake, respectively. The term RPW is the redirected project water provided by the District and used as input to the model.



Task 5 – Technical Memorandum

TH&Co will incorporate the updated model analysis into a Technical Memorandum (TM). The budget for this task includes up to two additional versions of the Technical Memorandum (a revised draft and a final version). The TM will include supporting figures and tables as appropriate.

Task 6 – Project Management

This task accounts for managing all administrative and technical aspects of the project. As such, it includes Principal-level time to respond to phone and electronic mail correspondence, participate in occasional update discussions, and attend meetings.

Cost and Schedule

The cost for the SOW presented herein is \$74,640 as shown in Table 1. Assuming data through September 2023 are readily available and can be obtained by October 15, 2024, we anticipate the first draft of the TM can be provided on or before January 15, 2024.

TH&Co appreciates your ongoing trust and the continuing opportunity to provide consulting services to the District. If you have any questions, please contact us any time.

Sincerely,



Thomas Harder, P.G., C.HG.
Principal Hydrogeologist



**Cost Estimate for Hydrogeological Services
Groundwater Model - Onyx Ranch Project**

Task	Description	Principal Hydro-Geologist \$220/hr	Staff Hydro-Geologist \$115/hr	Total Cost
1	Obtain Hydrogeologic Data	4	40	\$5,480
2	Update Model Input Files	24	100	\$16,780
3	Assess and Update Model History Match ("Model Calibration")	40	60	\$15,700
4	Conduct Project Simulation and Quantify Annual Transmission Efficiencies	24	60	\$12,180
5	Technical Memorandum	40	60	\$15,700
6	Project Management	40	0	\$8,800
TOTALS		172	320	\$74,640

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

FROM: Dan Bartel and Markus Nygren

DATE: October 10, 2023

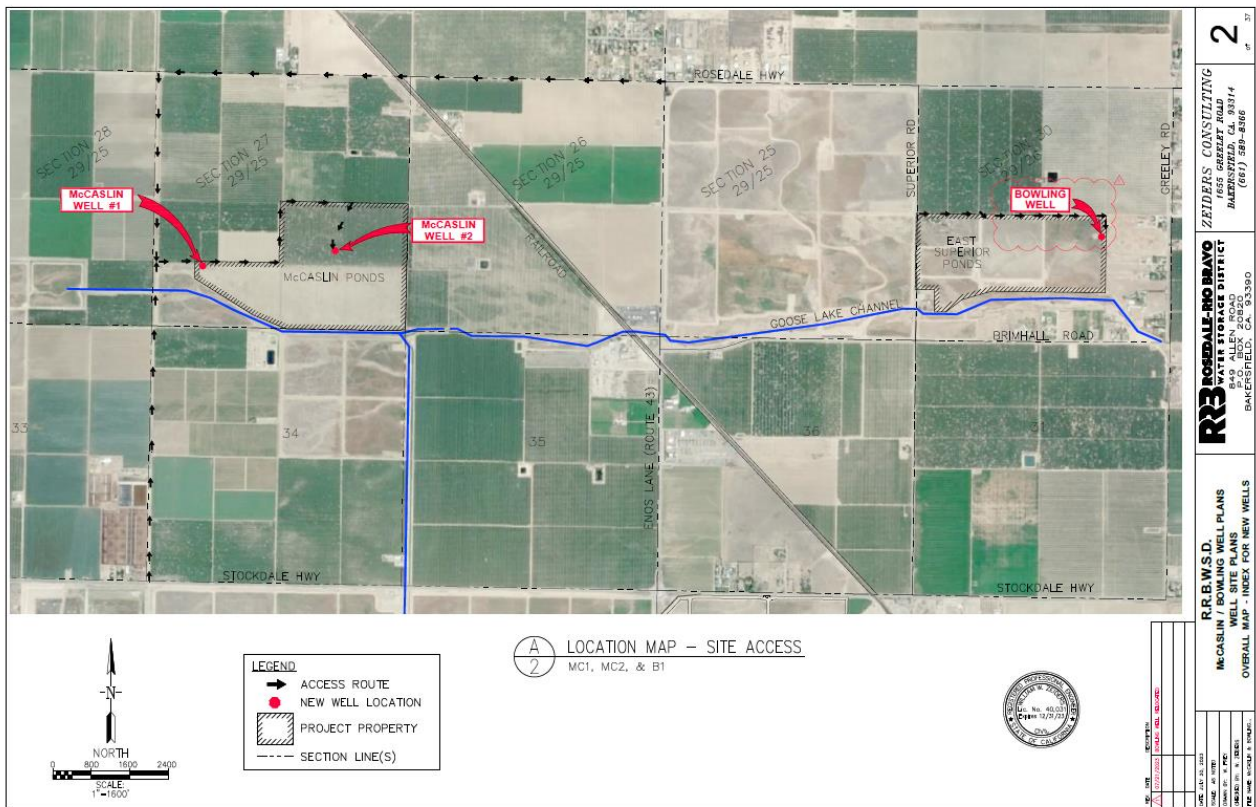
RE: Improvement Projects

Discussion:

Bowling and McCaslin Recovery Well Project

Bidding of the McCaslin / Bowling Recovery Well Project

Three additional recovery wells are 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. Due to additional delays in the NEPA process with the USBR, construction is planned to begin in the middle of November. In the meantime, District staff will work to get contract documents, submittals, procurement of long lead time items, and necessary permits/applications (SWPPP and PG&E) completed. See Zeiders Consulting proposal attached, with District markups for additional backup.



Recommendation

Authorize staff to execute agreement with Zeiders Consulting not to exceed \$180,000



October 3, 2023

Mr. Dan Bartel
General Manager
Rosedale-Rio Bravo Water Storage District
849 Allen Road
Bakersfield, CA 93302

The following Task Order defines a Scope of Services and Budget for Professional Engineering Services for Rosedale-Rio Bravo Water Storage District related to the “McCaslin and Bowling Recharge Ponds Well Drilling & Equipping Project” Construction portion of the Project.

Scope of Services

Zeiders Consulting proposes to provide professional services – as directed by Dan Bartel and Markus Nygren for the Construction portion of the McCaslin and Bowling Recharge Ponds Well Drilling & Equipping Project. It is assumed that there will be drilling and equipping of the 3 new wells and that there will be zone testing (up to 4 zones) on one of the McCaslin wells.

Services will include, Construction Management and Project Administration, Observation and Inspection of Well Drilling, Construction, Development and Testing, Well Equipping and final documentation (As-Builts) for the McCaslin and Bowling wells as requested by the District.

Budget

The budget for this Task Order is **\$190,000**. Billing for all work completed under this Task Order will be on a “rate sheet” basis (per the rate sheets attached). The budget would not be exceeded without prior written authorization from Rosedale-Rio Bravo Water Storage District.

Authorized by:

Rosedale-Rio Bravo
Water Storage District

By: _____
Dan Bartel – General Manager

Date: _____

Accepted by:

William Zeiders - PE
Zeiders Consulting

By: _____
William Zeiders – Owner/Principal

Date: _____

Zeiders Consulting

1655 Greeley Rd. Bakersfield, CA. 93314
Office (661) 589-8366 Cell (661) 332-5535 Fax (661) 589-8902
wzeiders@zeidersconsulting.com

Hourly Rate Schedule

Effective January 1, 2023

ENGINEERING

	<u>Standard Rate</u>
Principal Civil Engineer	\$170.00 per hour
Structural Engineer	\$210.00 per hour
Electrical Engineer	\$235.00 per hour
Civil Engineer	\$140.00 per hour
Project Engineer	\$130.00 per hour
EIT	\$115.00 per hour
Field Technician (Non-Prevailing Wage)	\$115.00 per hour
Technician II/Designer-Drafter	\$115.00 per hour
Technician I	\$105.00 per hour
Clerical	\$75.00 per hour
Mileage	\$0.75 per mile
Color Plot	\$20.00 per each
Black & White Plot	\$15.00 per each

SURVEYING & PREVAILING WAGE RATES

Quoted upon request

SUBSISTENCE (For overnight stays) Varies per area motel and meal costs

The above rates include normal office and field materials. Fees, permits, printing services, monuments, title work, and special rented equipment will be charged at cost plus 15%. Outside services charged out at cost plus 15%. Prevailing Wage Rates quoted upon request.

Out of town rates or daily rates can be negotiated
on a per project basis.

**MCCASLIN/BOWLING WELL DRILLING AND EQUIPPING - 3 WELLS
CONSULTANTS TASK SUMMARY W/ ZEIDERS CONSULTING HOURS/COSTS**

Task	Subtask	Description	RRBWS D Staff	Zeiders Consulting	Thomas Harder & Co.
1	Construction Management & Administration				
	1.1	Preparation and distribution of contract Notice of Award and Notice to Proceed			
	1.2	Distribution of conformed Contract Documents			
	1.3	Administration of Pre-construction meeting			
	1.4	Department of Industrial Relations: Filing the PWC-100 form			
	1.5	Project Management			
	1.6	Pre-Construction (Permitting, Site Prep, Underground Alert, APCD, SWPPP, Survey Staking)	✓		
	1.7	Daily Construction Activity Documentation			
✓	1.8	Administration of weekly construction meetings during field activities			
	1.9	Administration of monthly progress meetings			
	1.10	Logging and distribution of Contractor RFI's and Submittals			
	1.11	Review of RFI's and Submittals			
	1.12	Review and recommendation for payment of the monthly progress estimate			
	1.13	Review of contract change order requests and construction memorandums			
	1.14	Retaining and Coordinating Labor Compliance Program			
	1.15	Preparation of Monthly Construction Reports			
	1.16	Contract Close-Out			
Zeiders Consulting Estimated Hours		Principal Engineer		60	
		Project Engineer		70	
		Field Technician		20	

Task	Subtask	Description	RRBWSD Staff	Zeiders Consulting	Thomas Harder & Co.
2	Well Drilling, Construction and Testing				
	2.1	Observation during Drilling and Installation of the Conductor Casing (Full-time)			
	2.2	Observation during Pilot Borehole Drilling (Part-time)			
	2.3	Observation during Geophysical Logging Process (Full-time)			
	2.4	Observation during Isolated Aquifer Zone Testing (Assumes up to 4 zones on one of the wells)			
	2.5	Design of the Filter Pack and Screen; Includes Sieve Analysis of up to 8 Formation Samples and Preparation of a Recommended Well Design Letter			
	2.6	Observation during Borehole Reaming (Part-time) and Caliper Log (Full-time)			
	2.7	Inspection during Well Construction (Casing, Filter Pack and Annular Seals; Full-time)			
	2.8	Observation during Initial Development by Airlift and Swab (Part-time)			
	2.9	Observation of Pump Mobilization and Installation in the Well			
	2.10	Observation during Development by Pumping (Part-time)			
	2.11	Observation during a Step-drawdown Pumping Test (Full-time; includes Installation of Pressure Transducers in Three Wells)			
	2.12	Observation during a 48-hr Constant Rate Pumping Test (Full-time; Includes 6 Hours of Post-test Monitoring and Delivery of Water Quality Samples to the Laboratory)			
	2.13	Observation of Final Well Alignment and Video Log			
	2.14	Observation of Well Disinfection			
Zeiders Consulting Estimated Hours		Principal Engineer		140	
		Project Engineer		300	
		Field Technician		130	

40

Task	Subtask	Description	RRBWSD Staff	Zeiders Consulting	Thomas Harder & Co.
3	Reporting				
4	Well Equipping and Construction				
	4.1	Observation of Construction of Earthen Well Pad - Not Applicable			
	4.2	Observation of Construction of Underground Conduits and Concrete Foundations			
	4.3	Observation of Installation of Complete Discharge Piping Assembly			
	4.4	Observation of Construction of All Electrical Equipment			
	4.5	Observation of Construction and Installation of all Well-site Structures and Appurtenances			
	4.6	Observation of all Coatings			
	4.7	Final Well Site Observation and Project Closeout			
		Principal Engineer		130	
		Project Engineer		250	
		Field Technician		100	
5	Professional Services during Well Drilling and Construction		40	480	
	5.1	Environmental Compliance			
	5.2	Mobilization/Setup			
	5.3	Site Water Supply			
	5.4	Final Well Packages			
Zeiders Consulting Estimated Hours		Principal Engineer		40	
		Project Engineer		70	
		Field Technician		20	

Principal Engineer - Total Hours (\$170/hr.)	370	\$ 62,900.00
Project Engineer - Total Hours (\$130/hr.)	690	\$ 89,700.00
Field Technician - Total Hours (\$115/hr.)	270	\$ 35,100.00
Total Miles (\$0.75/mile)	3,060	\$ 2,295.00
		\$ 189,995.00

\$ 180,000

**James Water Bank Authority –Operations Committee Meeting
September 21, 2023, at 10:30am**

Location: Rosedale-Rio Bravo Water Storage District Board Room
849 Allen Road Bakersfield, CA 93314

AGENDA

This meeting will be held in accordance with the Brown Act pursuant to Section 54950, *et seq.* of the California Government Code and the James Water Bank Authority Joint Powers Agreement.

1. Roll Call

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

2. Public Input

This portion of the meeting is set aside to provide the public an opportunity to bring to the attention of the Board matters of which the Board may not be aware and which are not on the current agenda. No action can be taken on any matter raised during this portion of the meeting; however, a Board member may request that the matter be placed on any future agenda for further review and possible action.

3. Approval of Minutes

ISL

a. July 20, 2023, Meeting

4. Financial Matters

TA

- a. Bank Account(s) – Status
- b. Accounts Payable

5. Reports on Pending Activities

- a. IRWMP Grant Opportunity / Report **TA**
- b. CEQA Status - DEIR **TA**
- c. Maintenance and Operations **DWB**
- d. River Turnout/Canal

6. New Business

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

7. Closed Session

DNR/ILS

- a. Conference with legal counsel – existing litigation [Cal. Govt. Code § 54956.9(a)]
 - 1. City of Bakersfield v. BVWSD & RRBWSD; Kern Co. Superior Court Case No.: S-1500-CV-274238-RST
- b. Conference with legal counsel – potential litigation [Cal. Govt. Code § 54956.9(b) & (c)]
 - Two (2) Matters
- c. Conference with legal counsel – real property negotiations [Cal. Govt. Code §54956.8]

8. 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 September 18, 2023. *Requests for disability-related modifications or accommodations, including auxiliary aids or services may be made by telephoning or contacting Rachele Echeverria at (661)589-6045 or recheverria@rrbwsd.com. Please attempt to make such requests known at least 24 hours before the scheduled meeting.*

**MINUTES OF THE
JAMES WATER BANK AUTHORITY
REGULAR MEETING OF THE
OPERATIONS COMMITTEE**

Held Thursday, July 20, 2023, at 10:30 a.m.

This meeting is held in accordance with the Brown Act pursuant to Section 54956 of the California Government Code and the James Water Bank Authority Joint Powers Agreement.

COMMITTEE MEMBERS PRESENT

Terry Chicca, Buena Vista WSD
Dan Bartel, Rosedale-Rio Bravo WSD

OTHERS PRESENT

Tim Ashlock, Buena Vista WSD
Trenton Taylor, Rosedale-Rio Bravo WSD
Isaac St. Lawrence, McMurtrey, Hartsock, Worth & St. Lawrence
Dan Raytis, Belden Blaine Raytis
Richard Meyer, Meyer Engineering
Aaron Meyer, Meyer Engineering
David Hubbard, Gatzke Dillon & Ballance

1. Roll Call

Mr. Chicca called the meeting to order on July 20, 2023, at 10:30 a.m., with both Committee Members present. Also present were Alternate Committee Members, Tim Ashlock and Trenton Taylor.

2. Public Input

This portion of the meeting is set aside to provide the public an opportunity to bring to the attention of the Committee matters of which the Committee may not be aware, and which are not on the current agenda. No action can be taken on any matter raised during this portion of the meeting; however, a Committee Member may request that the matter be placed on any future agenda for further review and possible action.

There was no public comment.

3. Approval of Prior Minutes

On motion by Mr. Bartel and seconded by Mr. Chicca, the minutes of the June 15, 2023, James Water Bank Operations Committee meeting were unanimously approved and filed.

4. **Financial**

a. **Bank Account Status**

Mr. Ashlock provided a written report regarding the JPA's finances, accounts, and financial activities showing the transactions. Mr. Ashlock reported the interest rates are helping provide a small source of income.

b. **Accounts Payable**

Mr. Ashlock presented a report on the accounts payable activity, noting the invoices that need to be paid. On motion by Mr. Bartel and seconded by Mr. Chicca, the Committee approved executing vouchers to pay the accounts payable as presented.

5. **Reports on Pending Activities**

a. **Update on IRWMP Grant**

Mr. Ashlock advised that the KCWA drafted a license agreement; it has been reviewed by the City and has been sent back to the KCWA.

b. **CEQA Activities**

The Committee discussed the status of the DEIR and the schedule to finish a response to comments. Mr. Hubbard provided an update on the samples and report being prepared by Harro.

c. **Maintenance and Operations**

Mr. Bartel stated there is nothing new to report.

d. **River Turnout/Canal**

Mr. Meyer reported that 90% of the plans and specifications should be ready by next week. The design flow was originally for 500 cfs but has been downgraded to 450 cfs based on actual need and better gradient and delivery via gravity at 450 cfs. Current design will utilize gravity flow to the greatest extent possible. The Committee discussed waiting on the KCWA for potential future well sites on Pioneer.

6. **New Business**

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

None.

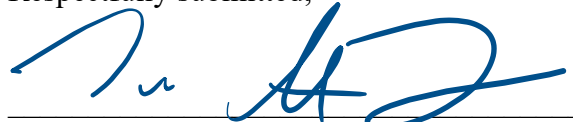
7. **Closed Session**

The Committee went into Closed Session at 11:06 a.m. to meet with legal counsel for those items listed on the Agenda as “Closed Session” items. The Committee returned to Open Session at 11:16 a.m. Mr. St. Lawrence reported that the Committee took no action that would require disclosure under the Brown Act.

8. **Adjournment**

The meeting was adjourned at 11:17 a.m.

Respectfully submitted,



Isaac L. St. Lawrence, Secretary

JAMES JPA - Operating
STATEMENT OF NET ASSETS
As of August 31, 2023

Category:	Actual For Year Ended: Dec-22	Actual Prior Month: Jul-23	Actual Current Month: Aug-23	Actual Change:
ASSETS:				
Cash-Operating	\$ 1,332,893.36	\$ 1,019,836.10	\$ 1,012,352.78	\$ (7,483.32)
Interest Receivable	\$7,593.71	\$0.00	\$0.00	\$0.00
Other Receivables	\$0.00	\$0.00	\$0.00	\$0.00
Receivables - Cash Calls	\$0.00	\$0.00	\$0.00	\$0.00
James Prepaid EIR	\$0.00	\$60,002.00	\$60,002.00	\$0.00
Long Term Assets:				
Construction in Progress	\$1,102,904.24	\$1,109,818.74	\$1,110,819.42	\$1,000.68
Land	\$38,345,107.21	\$38,345,107.21	\$38,345,107.21	\$0.00
TOTAL ASSETS	<u>\$ 40,788,498.52</u>	<u>\$ 40,534,764.05</u>	<u>\$ 40,528,281.41</u>	<u>\$ (6,482.64)</u>
LIABILITIES:				
Accounts Payable - Operating	\$41,976.09	\$10,154.01	\$13,362.63	\$3,208.62
Accounts Payable - Other	\$0.00	\$0.00	\$0.00	\$0.00
TOTAL LIABILITIES	<u>\$41,976.09</u>	<u>\$10,154.01</u>	<u>\$13,362.63</u>	<u>3,208.62</u>
NET POSITION:				
<u>UNRESTRICTED -</u>				
Buena Vista WSD-Operating	\$ 34,899,396.47	\$ 34,709,328.50	\$ 34,701,027.94	\$ (8,300.56)
Rosedale-Rio Bravo WSD-Operatir	\$ 5,847,125.96	\$ 5,815,281.54	\$ 5,813,890.84	\$ (1,390.70)
TOTAL NET ASSETS	<u>\$ 40,746,522.43</u>	<u>\$ 40,524,610.04</u>	<u>\$ 40,514,918.78</u>	<u>\$ (9,691.26)</u>
TOTAL LIABILITIES AND NET ASSETS	<u>\$40,788,498.52</u>	<u>\$40,534,764.05</u>	<u>\$40,528,281.41</u>	<u>(6,482.64)</u>

JAMES JPA

STATEMENT ACTIVITIES & CHANGES IN NET ASSETS

As of August 31, 2023

Category:	Actual 12 mos ended: Dec-22	2023 Budget:	Actual Year to Date: Jan-23	Actual Current Month: Feb-23	Actual Current Month: Mar-23	Actual Current Month: Apr-23	Actual Current Month: May-23	Actual Current Month: Jun-23	Actual Current Month: Jul-23	Actual Current Month: Aug-23	Actual Year to Date: Aug-23	Budget 2023 Remaining:
OPERATING REVENUE:												
Other Revenue	\$500.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
ADMIN REVENUE:												
Interest Revenue	\$18,892.31	\$5,500.00	\$0.00	\$0.00	\$0.00	\$0.00	\$7,471.11	\$8,664.78	-\$4,094.00	\$2,670.68	\$14,712.57	
TOTAL REVENUE:	\$19,392.31	\$5,500.00	\$0.00	\$0.00	\$0.00	\$0.00	\$7,471.11	\$8,664.78	-\$4,094.00	\$2,670.68	\$14,712.57	
Salaries	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Maintenance	\$137,716.76	\$144,000.00	\$18,000.00	\$10,733.13	\$9,000.00	\$16,651.90	\$9,000.00	\$11,082.00	\$9,000.00	\$9,154.44	\$92,621.47	\$1,378.53
Admin	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Operations	\$91,216.43	\$252,000.00	\$0.00	\$45,707.47	\$210.22	\$0.00	\$0.00	\$396.06	\$0.00	\$0.00	\$46,313.75	\$205,686.25
Professional Services	\$36,870.94	\$240,000.00	\$304.53	\$9,589.25	\$36,995.25	\$41,622.00	\$10,187.47	\$4,321.00	\$1,154.00	\$3,207.50	\$107,381.00	\$132,619.00
Capital Outlay	\$0.00	\$90,576.05	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$90,576.05
TOTAL OPER EXPENSES	\$265,804.13	\$726,576.05	18,304.53	66,029.85	46,205.47	58,273.90	19,187.47	15,799.06	10,154.00	12,361.94	\$246,316.22	480,259.83
CHANGE IN OPER NET ASSETS	(\$246,411.82)	(\$721,076.05)	(\$18,304.53)	(\$66,029.85)	(\$46,205.47)	(\$58,273.90)	(\$11,716.36)	(\$7,134.28)	(\$14,248.00)	(\$9,691.26)	(\$231,603.65)	
NET OP ASSETS-BEG OF PERIOD	\$40,561,657.85		\$40,746,522.43	\$40,728,217.90	\$40,662,188.05	\$40,615,982.58	\$40,557,708.68	\$40,545,992.32	\$40,538,858.04	\$40,524,610.04	\$40,746,522.43	
CHANGE IN OP NET ASSETS (above)	(\$246,411.82)		(\$18,304.53)	(\$66,029.85)	(\$46,205.47)	(\$58,273.90)	(\$11,716.36)	(\$7,134.28)	(\$14,248.00)	(\$9,691.26)	(\$231,603.65)	
MEMBER OP CONTRIBUTIONS (rec'd)	\$369,388.24		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
MEMBER OP CONTRIBUTIONS (o/s)	\$61,888.16		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
PRIOR PERIOD ADJ	-		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	-	
NET OP ASSETS-END OF MONTH	40,746,522.43		40,728,217.90	40,662,188.05	40,615,982.58	40,557,708.68	40,545,992.32	40,538,858.04	40,524,610.04	40,514,918.78	40,514,918.78	

1/31/2023	Maintenance Expenes Accounts Payable RRB Jan Invoice - Maintenance	150.53	150.53
1/31/2023	Professional Services Expense Accounts Payable McMurtrey Jan Invoice	154.00	154.00
1/31/2023	Maintenance Expenes Accounts Payable Accrue January and Feb Destefani voucher	18,000.00	18,000.00
1/20/2023	Accounts Payable Cash Clear Jan Vouchers Dest, Gatzke, RRB, Blaine, Meyers	44826.08	44826.08
1/31/2023	Prepaid EIR Accounts Payable Accrue City Payment reimbursable to BV	60002	60002
<hr/>			
2/28/2023	Cash Interest Receivable	7593.71	7593.71
2/17/2023	Accounts Payable Cash Clear City Payment and RRB Jan Voucher	60152.53	60152.53
2/17/2023	Accounts Payable Cash Clear Gatzke McMurtrey and Destefani Vouchers	15304	15304
2/28/2023	Professional Services Expense Accounts Payable McMurtrey Feb Invoice	154.00	154.00
2/28/2023	Maintenance Expenes Accounts Payable Accrue March Destefani voucher	9,000.00	9,000.00
2/28/2023	Professional Services Expense Accounts Payable Belden Blaine Feb Invoice	142.50	142.50
2/28/2023	Operating Expenses Accounts Payable Property Tax - 2nd Installment	45,707.47	45,707.47
2/28/2023	Maintenance Expenes Accounts Payable RRB Feb Invoice - Maintenance	1,733.13	1,733.13
2/28/2023	Professional Services Expense Accounts Payable Gatzke Dillon Jan Invoice	9,292.75	9,292.75
<hr/>			
3/16/2023	Operations Expense Cash Kern County ACO Voucher Admin Fee	210.22	210.22

3/17/2023	Accounts Payable Cash Clear Feb vouchers for McMurtrey, Destefani, Belden, KCTTC, and Gatzke	64296.72	64296.72
3/17/2023	Accounts Payable Cash Clear Feb vouchers for RRB	1733.13	1733.13
3/31/2023	Maintenance Expenses Accounts Payable Accrue April Destefani voucher	9,000.00	9,000.00
3/31/2023	Construction in Progress Accounts Payable Accrue March Meyer Engineering voucher	1,482.50	1,482.50
3/31/2023	Professional Services Expense Accounts Payable Gatzke Dillon Feb Invoice	36,995.25	36,995.25
<hr/>			
4/25/2023	Accounts Payable Cash Clear March vouchers for Destefani and Gatzke	45,995.25	45,995.25
4/25/2023	Accounts Payable Cash Clear March vouchers for Meyers	1,482.50	1,482.50
4/30/2023	Maintenance Expenses Accounts Payable Accrue May Destefani voucher	9,000.00	9,000.00
4/30/2023	Professional Services Expense Accounts Payable Gatzke Dillon Mar Invoice	41,052.00	41,052.00
4/30/2023	Professional Services Expense Accounts Payable Belden Blaine March Invoice	570.00	570.00
4/30/2023	Construction in Progress Accounts Payable Accrue March Meyer Engineering voucher	894.00	894.00
4/30/2023	Maintenance Expenses Accounts Payable RRB Mar-Apr Invoice - Maintenance	7,651.90	7,651.90
<hr/>			
5/31/2023	Professional Services Expense Accounts Payable Accrue Audit Services -Brown Armstrong April-May Statement (\$3100/6500 billed to date)	3,100.00	3,100.00
5/31/2023	Maintenance Expenses Accounts Payable Accrue June Destefani voucher	9,000.00	9,000.00
5/31/2023	Professional Services Expense Accounts Payable Accrue James' portion of Prop1 Grant P&P Admin Costs for Invoices 7-9 payable to BV	5,733.47	5,733.47

5/31/2023	Professional Services Expense Accounts Payable Accrue april Gatzke Dillon Invoice	1,200.00	1,200.00
5/31/2023	Professional Services Expense Accounts Payable Accrue McMurtrey Invoice	154.00	154.00
5/31/2023	Accounts Payable Cash Clear April vouchers for Belden Blaine and Gatzke	41,622.00	41,622.00
5/31/2023	Accounts Payable Cash Clear April vouchers for Brown Armstrong, RRB and Meyers Engineering	9,545.90	9,545.90
5/31/2023	Accounts Payable Cash Clear April Voucher for Destefani	9,000.00	9,000.00
5/31/2023	Cash Interest Revenue Post interest 1st QTR Apportionment	7,471.11	7,471.11
6/30/2023	Maintenance Expenes Construction in Progress Accounts Payable RRB May Reimbursement Invoice	2,082.00 2,377.50	4,459.50
6/30/2023	Maintenance Expenes Accounts Payable Accrue July Destefani voucher	9,000.00	9,000.00
6/30/2023	Construction in Progress Accounts Payable Accrue May Meyer Engineering voucher	2,160.50	2,160.50
6/30/2023	Professional Services Expense Accounts Payable Accrue McMurtrey Invoice	154.00	154.00
6/30/2023	Professional Services Expense Accounts Payable Belden Blaine June Invoice	142.50	142.50
6/30/2023	Professional Services Expense Accounts Payable Accrue Audit Services -Brown Armstrong April-May Statement (\$5500/6500 billed to date)	2,400.00	2,400.00
6/30/2023	Professional Services Expense Accounts Payable Accrue May Gatzke Dillon Invoice	1,624.50	1,624.50
6/13/2023	Operations Expense Cash Kern County ACO Voucher Admin Fee	396.06	396.06
6/16/2023	Accounts Payable Cash Clear May Brown Armstrong voucher and BV reimbursement	7,833.47	7,833.47

6/16/2023	Accounts Payable Cash Clear June Destefani, April Gatzke and May McMurtrey Vouchers	10,354.00	10,354.00
6/28/2023	Interest Receivable Interest Revenue Accrue 2nd QTR Interest Apportionment County Fund	8,664.78	8,664.78
<hr/>			
7/31/2023	Accounts Payable Cash Clear July Vouchers for June Payables	19,941.00	19,941.00
7/31/2023	Interest Revenue Interest Receivable Reverse-2nd QTR Interest Accrual (June) County Fund	8,664.78	8,664.78
7/31/2023	Cash Interest Revenue	4,570.78	4,570.78
7/31/2023	Professional Services Expense Accounts Payable Accrue Audit Services -Brown Armstrong Final bill	1,000.00	1,000.00
7/31/2023	Maintenance Expenses Accounts Payable Accrue Aug Destefani voucher	9,000.00	9,000.00
7/31/2023	Professional Services Expense Accounts Payable Accrue McMurtrey July Invoice	154.00	154.00
<hr/>			
8/23/2023	Accounts Payable Cash Clear Aug Vouchers for July Payables	10,154.00	10,154.00
8/17/2023	Cash Interest Revenue Record deposit of 2nd QTR 2nd installment County Interest (Yield = 2.65% QTR 2,	2,670.68	2,670.68
8/31/2023	Maintenance Expenses Accounts Payable Accrue Sep Destefani voucher	9,000.00	9,000.00
8/31/2023	Construction in Progress Maintenance Expenses Accounts Payable RRB July Reimbursement Invoice	1,000.68 154.44	1,155.12
8/31/2023	Professional Services Expense Accounts Payable Accrue Gatzke Dillon and Balance LLP Voucher July	3,207.50	3,207.50

**COUNTY OF KERN
GENERAL LEDGER TRIAL BALANCE
AUDITOR / CONTROLLER**

As of Date: 8/31/2023

ACCT NO	DESCRIPTION	BEGINNING BALANCES		YEAR-TO-DATE TRANSACTIONS		CURRENT BALANCES	
		DEBIT ACCOUNTS	CREDIT ACCOUNTS	DEBIT ACCOUNTS	CREDIT ACCOUNTS	DEBIT ACCOUNTS	CREDIT ACCOUNTS
Fund: 60373 JAMES JPA OPERATING							
0110	CASH IN TREASURY	\$1,035,206.32		\$7,241.46	\$30,095.00	\$1,012,352.78	
0201	INTEREST RECEIVABLE	\$8,664.78			\$8,664.78		
1010	WARRANTS PAYABLE			\$30,095.00	\$30,095.00		
1012	ACCOUNTS PAYABLE			\$30,095.00	\$30,095.00		
2350	FUND BALANCE AVAILABLE		(\$1,043,871.10)	\$30,095.00			(\$1,013,776.10)
2710	REVENUES			\$8,664.78	\$7,241.46		\$1,423.32
		\$1,043,871.10	(\$1,043,871.10)	\$106,191.24	\$106,191.24	\$1,012,352.78	(\$1,012,352.78)

**COUNTY OF KERN
GENERAL LEDGER MONTHLY TRANSACTION REGISTER
FINANCIAL MANAGEMENT INFORMATION SYSTEMS**

As of Date: 8/31/2023

TRANS DATE	TRANS CODE	TRANSACTION DESCRIPTION	DOCUMENT NUMBER	DEBIT	CREDIT
Fund: 60373 JAMES JPA OPERATING					
Account: 0110 CASH IN TREASURY					
08/17/23	3601	INTER-FUND REVENUE TRANS-POS		\$2,670.68	\$0.00
08/23/23	4631	WARRANT REDEEMED BY TREASURER	0003964	\$0.00	\$9,154.00
08/23/23	4631	WARRANT REDEEMED BY TREASURER	0003963	\$0.00	\$1,000.00
			Account Total	\$2,670.68	\$10,154.00
Account: 1010 WARRANTS PAYABLE					
08/22/23	2611	A/P WARRANT ISSUED		\$0.00	\$10,154.00
08/23/23	4631	WARRANT REDEEMED BY TREASURER	0003963	\$1,000.00	\$0.00
08/23/23	4631	WARRANT REDEEMED BY TREASURER	0003964	\$9,154.00	\$0.00
			Account Total	\$10,154.00	\$10,154.00
Account: 1012 ACCOUNTS PAYABLE					
08/22/23	2611	A/P WARRANT ISSUED		\$10,154.00	\$0.00
08/22/23	2541	NON-BUDGET EXPENDITURE-A/P		\$0.00	\$10,154.00
			Account Total	\$10,154.00	\$10,154.00
Account: 2350 FUND BALANCE AVAILABLE					
08/22/23	2541	NON-BUDGET EXPENDITURE-A/P		\$10,154.00	\$0.00
			Account Total	\$10,154.00	\$0.00
Account: 2710 REVENUES					
08/17/23	3601	INTER-FUND REVENUE TRANS-POS		\$0.00	\$2,670.68
			Account Total	\$0.00	\$2,670.68
			Fund Total	\$33,132.68	\$33,132.68

**COUNTY OF KERN
MONTHLY FUND REVENUE TRANSACTION REGISTER**

As of Date: 8/31/2023

DATE	CODE	DOC TYPE	REFERENCE NUMBER	REVENUE ESTIMATE	REVENUE AMOUNT	TRANSACTION DESCRIPTION
Fund: 60373 JAMES JPA OPERATING						
Dept: 0900 PROPERTY TAX DEPT-AUD CONTR						
REV FROM USE OF MONEY & PROP						
3605 INTEREST ON BANK DEP & INVEST						
08/17/23	3601		3597	\$0.00	\$2,670.68	INTEREST ON BANK DEP & INVEST
			Account Total	\$0.00	\$2,670.68	
			Category Total	\$0.00	\$2,670.68	
			Department Total	\$0.00	\$2,670.68	
			Fund Total	\$0.00	\$2,670.68	

**County of Kern
COUNTY AUDITOR'S VOUCHER**

TO: AUDITOR CONTROLLER, COUNTY OF KERN

DATE 9/20/23

1512 TRUXTUN AVENUE

DOCUMENT NO. 7-15
000 165

BAKERSFIELD, CALIFORNIA 93301

AMOUNT 006 \$3,207.50

Your are hereby requested to draw your official Warrant on the County of Kern Treasurer for the sum of:

Three Thousand, Two Hundred Seven and 50/100 DOLLARS:

PAYABLE TO: 33 75/100 Gatzke Dillon & Ballance LLP

Address: 35 2762 Gateway Rd

36 Carlsbad CA 92009
City State Zip

34
In Care Of

For: 011 James JPA Invoice 14857
Descriptive Purpose of Claim - Limit to 30 Spaces

014 60373 James JPA Operating
Fund No. Fund Name

For Auditor-Controller Use		
Vendor No.		Issue Date
023	009	

AUTHORIZED SIGNATURE(S):

 Audited and Allowed
 Auditor-Controller

.....
Title

By _____

.....
Title

DATE _____

.....
Title



August 16, 2023

James Water Bank Authority
Tim Ashlock
Buena Vista Water Storage District
P.O. Box 756
Buttonwillow, California 93206

Re: *McAllister Ranch Groundwater Banking Project*
Our Matter No.: 363.03

Dear Mr. Ashlock:

Enclosed is our statement for professional services rendered and costs advanced in the referenced matter for the period July 1, 2023 through July 31, 2023.

If you should have any questions regarding the statement, please do not hesitate to contact us.

Very truly yours,

David P. Hubbard
of
Gatzke Dillon & Ballance LLP

DPH:lmb
Enclosure

James Water Bank Authority
Attn: Tim Ashlock
Buena Vista Water Storage District
P.O. Box 756
Buttonwillow, California 93206

August 16, 2023
Taxpayer ID No. 33-0083697
File No. 363.03
Invoice No. 14857

Re: McAllister Ranch Groundwater

FOR PROFESSIONAL SERVICES RENDERED (For the period July 1, 2023 through July 31, 2023)

ATTORNEY FEES

07/19/23	DPH	Exchange e-mails and telephone calls with Mr. Haro regarding analysis of potential soil contamination at site; exchange e-mails with Mr. Raytis, Mr. Bartel, Mr. Ashlock, and Mr. St. Lawrence regarding responses to comments and solid testing issue.	1.40
07/20/23	DPH	Participate in James Water Authority Operations Committee meeting; discuss soil testing issue and need to finalize responses to comments; exchange e-mails with Mr. Haro regarding additional soil testing.	0.90
07/24/23	DPH	Zoom conference with Mr. Bartel, Mr. Ashlock, Mr. Raytis, and Mr. St. Lawrence regarding finalizing responses to comments.	1.10
07/27/23	DPH	Exchange e-mails with Mr. Harder regarding responses to comments addressing hydrogeological issues.	0.40
07/31/23	DPH	Exchange e-mails and telephone calls with Mr. Haro regarding additional work to determine vertical extent of soil staining.	0.80
07/31/23	TDH	Telephone call with Mr. Hubbard regarding filters for wells and PFAS.	1.00
07/31/23	TDH	Research regarding PFAS contaminants in soil and groundwater in the greater San Joaquin Valley and Kern County.	4.50

HOURLY SUMMARY

DPH	David P. Hubbard, Partner	4.60 hrs @ 500.00	\$ 2,300.00
TDH	Tyler D. Hubbard, Resource Specialist	5.50 hrs @ 165.00	\$ 907.50

Total Professional Services	10.10 hours	\$ 3,207.50
-----------------------------	-------------	-------------



Gatzke Dillon & Ballance LLP
L A W Y E R S

Page two
August 16, 2023
File No. 363.03

TOTAL CURRENT CHARGES:

\$ 3,207.50

A handwritten signature in blue ink, appearing to be 'JL', is written on the right side of the page.

County of Kern
COUNTY AUDITOR'S VOUCHER

TO: AUDITOR CONTROLLER, COUNTY OF KERN

DATE 9/20/23

1512 TRUXTUN AVENUE

DOCUMENT NO.

7-15
000 166

BAKERSFIELD, CALIFORNIA 93301

AMOUNT

006 \$1,155.12

Your are hereby requested to draw your official Warrant on the County of Kern Treasurer for the sum of:

One Thousand, One Hundred Fifty-Five and 12/100

DOLLARS:

PAYABLE TO:

33 Rosedale-Rio Bravo WSD

Address:

35 849 Allen Rd.

Street

36 Bakersfield
City

CA
State

93314

Zip

34

In Care Of

For:

011 2023 Reimbursement Invoice #2180

Descriptive Purpose of Claim - Limit to 30 Spaces

014 60373

Fund No.

James JPA Operating

Fund Name

For Auditor-Controller Use	
Vendor No.	Issue Date
023	009

AUTHORIZED SIGNATURE(S):

Audited and Allowed
Auditor-Controller

Title

By _____

Title

DATE _____

Title

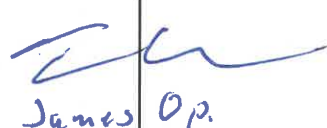


849 Allen Road
Bakersfield, CA 93314

Invoice

Date	Invoice #
8/25/2023	2180

Bill To
James Water Bank Authority C/O: Buena Vista WSD PO Box 756 Buttonwillow, CA 93206

Description	Qty	Rate	Amount
Salaries and Wages			
RRBWSD Staff July 2023- Austin Melton hours 6.5 @ \$23.76 /hr (Site Security)	6.5	23.76	154.44
RRBWSD Staff July 2023- Dan Bartel hours 4 @ \$250.17 /hr	4	250.17	1,000.68
RRBWSD Staff July 2023- Zach Smith 1 hours @ \$141.84 /hr	1	0.00	0.00
RRBWSD Staff August 2023- Austin Melton hours 4.5 @ \$23.76 /hr (Site Security)	4.5	0.00	0.00
		 James Op.	
		Total	\$1,155.12
		Payments/Credits	\$0.00
		Balance Due	\$1,155.12

Report: Summary Hours By Cost Center: RRB Project Hours Report
Filtered By: Employee Filter: All Employees; Timesheet Dates: 07/01/2023-08/31/2023; Projects Full Path starts with
Date & Time: 09/01/2023 04:29p
Generated By: Megan Misuraca
Company: Rosedale-Rio Bravo Water Storage District (Rosedale-Rio)

Projects Full Path	Is Time Off	Date	Project	First Name	Last Name	Total Hours
James Project--James Water Bank Authority		07/05/2023	James Water Bank Authority	Austin	Melton	1.50
James Project--James Water Bank Authority		07/12/2023	James Water Bank Authority	Austin	Melton	2.00
James Project--James Water Bank Authority		07/19/2023	James Water Bank Authority	Austin	Melton	1.50
James Project--James Water Bank Authority		07/26/2023	James Water Bank Authority	Austin	Melton	1.50
						6.50
James Project--James Water Bank Authority		07/20/2023	James Water Bank Authority	Dan	Bartel	2.00
James Project--James Water Bank Authority		07/24/2023	James Water Bank Authority	Dan	Bartel	2.00
						4.00
James Project--James Water Bank Authority		07/28/2023	James Water Bank Authority	Zachary	Smith	1.00
James Project--James Water Bank Authority		08/03/2023	James Water Bank Authority	Austin	Melton	1.50
James Project--James Water Bank Authority		08/09/2023	James Water Bank Authority	Austin	Melton	1.50
James Project--James Water Bank Authority		08/16/2023	James Water Bank Authority	Austin	Melton	1.50
						4.50
Total						16

County of Kern
COUNTY AUDITOR'S VOUCHER

TO: AUDITOR CONTROLLER, COUNTY OF KERN **DATE** 9/20/23

1512 TRUXTUN AVENUE **DOCUMENT NO.** 7-15 167

BAKERSFIELD, CALIFORNIA 93301 **AMOUNT** 006 \$9,000.00

Your are hereby requested to draw your official Warrant on the County of Kern Treasurer for the sum of:

Nine Thousand and No/100

_____ **DOLLARS:**

PAYABLE TO: 33 Destefani Farms II

Address: 35 P.O. Box 20968

36 Bakersfield CA 93390

City State Zip

34 _____

In Care Of

For: 011 Sep 2023 Discing Invoice

Descriptive Purpose of Claim - Limit to 30 Spaces

014 60373 James JPA Operating

Fund No. Fund Name

For Auditor-Controller Use	
Vendor No.	Issue Date
009	

AUTHORIZED SIGNATURE(S):

Audited and Allowed
Auditor-Controller

_____ Title

By _____

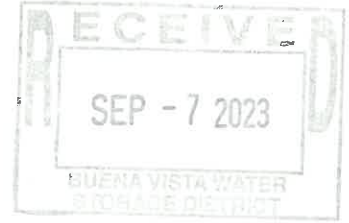
_____ Title

DATE _____

_____ Title

DESTEFANI FARMS

**P. O. Box 20968
Bakersfield, CA 93390
(661)201-8202
Ddestefani1950@gmail.com
FEIN 20-4562818**



September 4, 2023

**James Water Bank
McAllister Ranch Site
P. O. Box 756
Buttonwillow, CA 93206**

INVOICE – September, 2023 Maintenance

Discing and Burning Maintenance at Site **\$ 9,000.00**

TOTAL DUE: **\$ 9,000.00**


James

To the Honorable Members of the Board of Directors
James Water Bank Authority
Buttonwillow, California

We have audited the financial statements of James Water Bank Authority (the Authority) as of and for the years ended December 31, 2022 and 2021. Professional standards require that we provide you with information about our responsibilities under auditing standards generally accepted in the United States of America and *Government Auditing Standards*, as well as certain information related to the planned scope and timing of our audit. We have communicated such information in our letter to you dated April 21, 2023. Professional standards also require that we communicate to you the following information related to our audit.

Significant Audit Matters

Qualitative Aspects of Accounting Practices

Management is responsible for the selection and use of appropriate accounting policies. The significant accounting policies used by the Authority are described in Note 1 to the financial statements. No new accounting policies were adopted and the application of existing policies was not changed during the years ended December 31, 2022 and 2021. We noted no transactions entered into by the Authority during the years for which there is a lack of authoritative guidance or consensus. All significant transactions have been recognized in the financial statements in the proper period.

Accounting estimates are an integral part of the financial statements prepared by management and are based on management's knowledge and experience about past and current events and assumptions about future events. Certain accounting estimates are particularly sensitive because of their significance to the financial statements and because of the possibility that future events affecting them may differ significantly from those expected. There were no sensitive estimates affecting the financial statements.

The financial statement disclosures are neutral, consistent, and clear.

Difficulties Encountered in Performing the Audit

We encountered no significant difficulties in dealing with management in performing and completing our audit.

Corrected and Uncorrected Misstatements

Professional standards require us to accumulate all known and likely misstatements identified during the audit, other than those that are clearly trivial, and communicate them to the appropriate level of management. There were no such misstatements.

Disagreements with Management

For purposes of this letter, a disagreement with management is a financial accounting, reporting, or auditing matter, whether or not resolved to our satisfaction, that could be significant to the financial statements or the auditor's report. We are pleased to report that no such disagreements arose during the course of our audit.

Management Representations

We have requested certain representations from management that are included in the management representation letter dated August 21, 2023.

Management Consultations with Other Independent Accountants

In some cases, management may decide to consult with other accountants about auditing and accounting matters, similar to obtaining a “second opinion” on certain situations. If a consultation involves application of an accounting principle to the Authority’s financial statements or a determination of the type of auditor’s opinion that may be expressed on those statements, our professional standards require the consulting accountant to check with us to determine that the consultant has all the relevant facts. To our knowledge, there were no such consultations with other accountants.

Other Audit Findings or Issues

We generally discuss a variety of matters, including the application of accounting principles and auditing standards, with management each year prior to retention as the Authority’s auditors. However, these discussions occurred in the normal course of our professional relationship and our responses were not a condition to our retention.

Other Matters

We applied certain limited procedures to Management’s Discussion and Analysis, which is required supplementary information (RSI) that supplements the basic financial statements. Our procedures consisted of inquiries of management regarding the methods of preparing the information and comparing the information for consistency with management’s responses to our inquiries, the basic financial statements, and other knowledge we obtained during our audit of the basic financial statements. We did not audit the RSI and do not express an opinion or provide any assurance on the RSI.

Restriction on Use

This information is intended solely for the information and use of the Members of the Board of Directors and management of the Authority and is not intended to be, and should not be, used by anyone other than these specified parties.

BROWN ARMSTRONG
ACCOUNTANCY CORPORATION

*Brown Armstrong
Accountancy Corporation*

Bakersfield, California
August 21, 2023

August 7, 2023

Mr. Dan Bartel, Assistant General Manager/Engineer
James Water Bank Authority
c/o Rosedale-Rio Bravo Water Storage District
849 Allen Road
P.O. Box 20820
Bakersfield, CA 93390

Regarding: Professional Engineering Services for Groundwater Recharge Facilities to serve the James Water Bank Authority – Revise Master Plan with Cost Estimate

Dear Mr. Bartel:

I am pleased to provide this proposal for professional engineering services. Meyer Civil Engineering, Inc. (MCE) proposes to revise the James Water Bank Master Plan. The plan will be updated considering the primary supply being delivered by gravity to the project on the northeasterly portion of the project from the newly proposed canal facilities through the KCWA Pioneer Project.

SCOPE

Master Plan Components:

1. Meet with Authority Staff to Review Project Goals,
2. Utilization of provided topography (circa 2017),
3. Delineate Basin Levee Alignments,
4. Determine proposed Basin Water Surface Elevations within 0.50',
5. Determine Net Water Surface Areas,
6. Determine estimated Recharge Fill Rates for each Basin & the Total(s),
7. Study new Canal heading west from new Supply points west to feed Basins by gravity,
8. Preliminary Design for New Pump Station to serve eastern project areas,
9. Locate New Recovery Wells,
10. Size Recovery Pipelines and Collection System for Delivery to the River Canal on the Northwest portion of the Project,
11. Size Interbasin Structures and Turnouts,
12. Work with Authority to determine Phasing,
13. Calculate Quantities,
14. Prepare Preliminary Project Estimate,
15. Provide Exhibits,
16. Provide Technical Memorandum,
17. Present the New Plan to the Authority,
18. Study to provide Supply from the Buena Vista Canal will be by others.

SCHEDULE

Meyer Civil Engineering will deliver the Final Study within 5 weeks of approval to proceed.

FEE

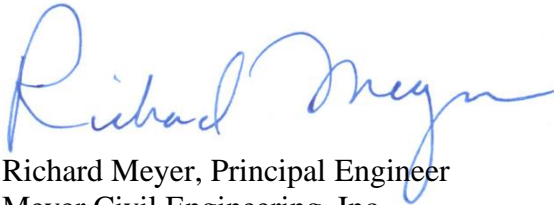
Meyer Civil Engineering, Inc. proposes to perform the above work described as follows:

Fixed Fee in the amount of **\$17,000.00**

Work will be billed on a percent complete per month basis. Progress payments will be charged in accordance with the attached rate schedule. Payment for services is to be payable at time of invoice, net 30 days.

If you approve the above costs and wish to proceed, please sign the authorization below and return by email to me. (or you may call for pick-up). Thank you for this opportunity to provide these services. We very much look forward to working with you.

Sincerely,



Richard Meyer, Principal Engineer
Meyer Civil Engineering, Inc.

I authorize Meyer Civil Engineering, Inc. to proceed with the above items of work and agree with the outlined costs and terms in the above text.

Signed:

Mr. Dan Bartel Date
Assistant General Manager/Engineer
James Water Bank Authority

Meyer Civil Engineering, Inc.
Rate Sheet

(Prevailing Wages for Surveying & Inspection)
Effective January, 2023

SCHEDULE OF HOURLY BILLING RATES

<u>Personnel</u>	<u>Rate</u>
Principal	\$180.00 per hour
Senior Civil Engineer / Senior Surveyor	\$168.00 per hour
Civil Engineer / Licensed Surveyor (office)	\$151.00 per hour
Prev. Wage Group 2 Construction Inspector	\$183.00 per hour
One Man Survey (field assignment) (One Chief of Party Paid Prevailing Wage)	\$195.00 per hour
Two Man Survey Crew (One Chief of Party & One Instrument Man Paid Prevailing Wage)	\$375.00 per hour
Associate Engineer	\$134.00 per hour
Drafter	\$93.00 per hour
Administrative Assistant	\$59.00 per hour
<u>Equipment & Materials</u>	
Robotic Total Station, Digital Level or GPS	\$65.00 per hour
Drone Aerial Survey System	\$130.00 per hour (included in above rates)
Computer	
Mileage	\$0.75 per mile
Materials and Copies Required for the Execution of the Work	(cost plus 10%)

WORK BREAKDOWN SCHEDULE
JAMES WATER BANK AUTHORITY
Revise Master Plan for James Water Bank Recharge Facility

August 7, 2023

Item No.	Item of Work	Service Categories									Extension
		Senior Civil Engineer \$168.00/hr	Civil Engineer or Licensed Surveyor \$151.00/hr	Associate Engineer \$134.00/hr	Two Man Survey Crew \$375.00/hr	Drafter \$93.00/hr	Admin. Assistant \$59.00/hr	GPS, Total Station, Digital Level \$65.00/hr	Drone Aerial Survey System \$130.00/hr	Materials - Mileage LS	
Revise Master Plan											
1.	Meet with Authority Staff to Review Project Goals	1.0hr	1.0hr					1.0hr			\$ 378.00
2.	Utilization of provided topography (circa 2017), Adjust Datum	0.5hr				4.0hr					\$ 456.00
3.	Delineate Basin Levee Alignments	2.0hr									\$ 336.00
4.	Determine proposed Basin Water Surface Elevations within 0.50'	2.0hr	6.0hr								\$ 1,242.00
5.	Determine Net Water Surface Areas	1.0hr	3.0hr								\$ 621.00
6.	Determine estimated Recharge Fill Rates for each Basin & the Total(s)	1.0hr	2.0hr								\$ 470.00
7.	Study new Canal heading west from new Supply points west to feed Basins by gravity	4.0hr	6.0hr			4.0hr					\$ 1,950.00
8.	Preliminary Design for New Pump Station to serve areas east in the Project	6.0hr	16.0hr								\$ 3,424.00
9.	Locate New Recovery Wells	1.0hr	3.0hr								\$ 621.00
10.	Size Recovery Pipelines and Collection System for Delivery to the River Canal on the Northwest portion of the Project	2.0hr	4.0hr								\$ 940.00
11.	Size Interbasin Structures and Turnouts	2.0hr	4.0hr	4.0hr							\$ 1,476.00
12.	Work with Authority to determine Phasing	1.0hr	1.0hr								\$ 319.00
13.	Calculate Quantities	1.0hr	6.0hr								\$ 1,074.00
14.	Prepare Preliminary Project Estimate	1.0hr	3.0hr								\$ 621.00
15.	Provide Exhibits	2.0hr	6.0hr			8.0hr					\$ 1,986.00
16.	Provide Technical Memorandum	3.0hr	1.0hr				2.0hr				\$ 773.00
17.	Present the New Plan to the Authority	1.0hr	1.0hr							-6	\$ 313.00
18.											\$ -
	DESIGN PHASE TOTALS:	31.5hr	63.0hr	4.0hr	0.0hr	16.0hr	3.0hr	0.0hr	0.0hr	-6	\$ 17,000.00

KERN COUNTY SUBBASIN SWRCB TECHNICAL MEETING NO. 2

4 OCTOBER 2023

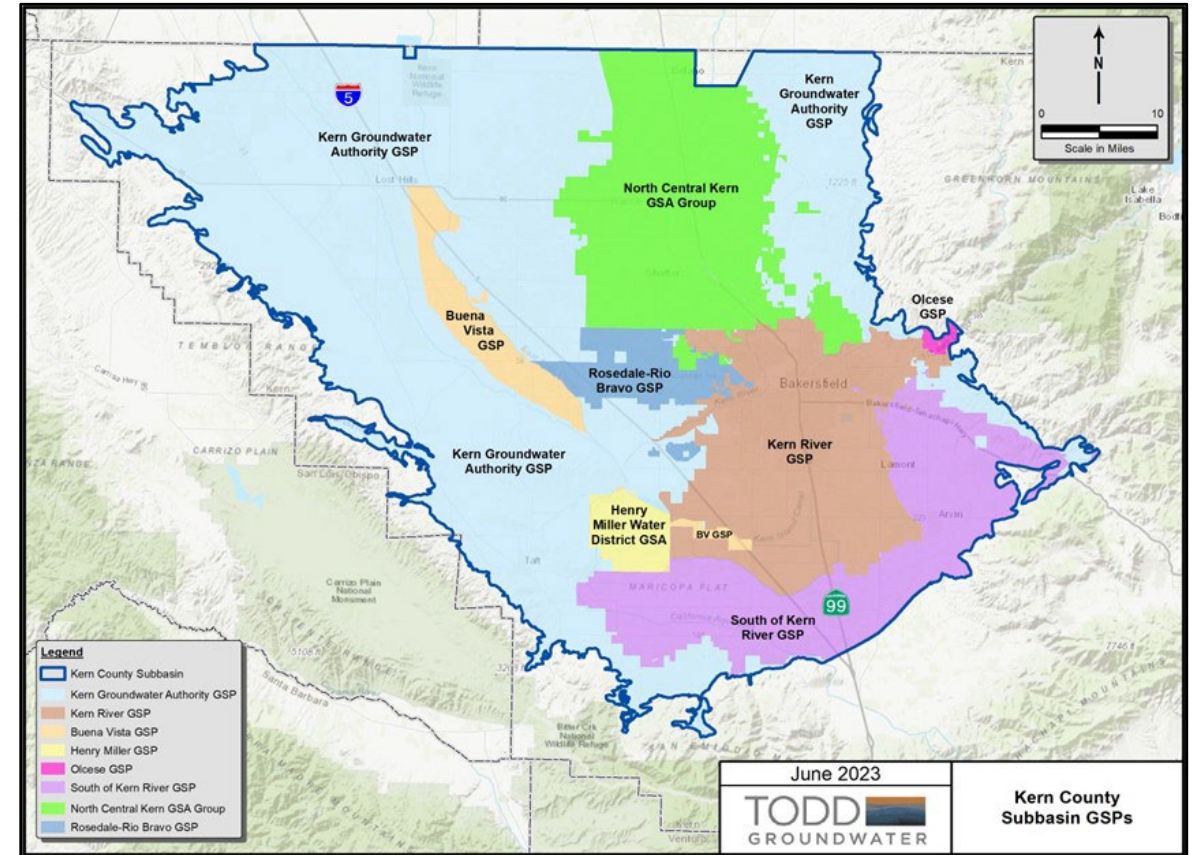
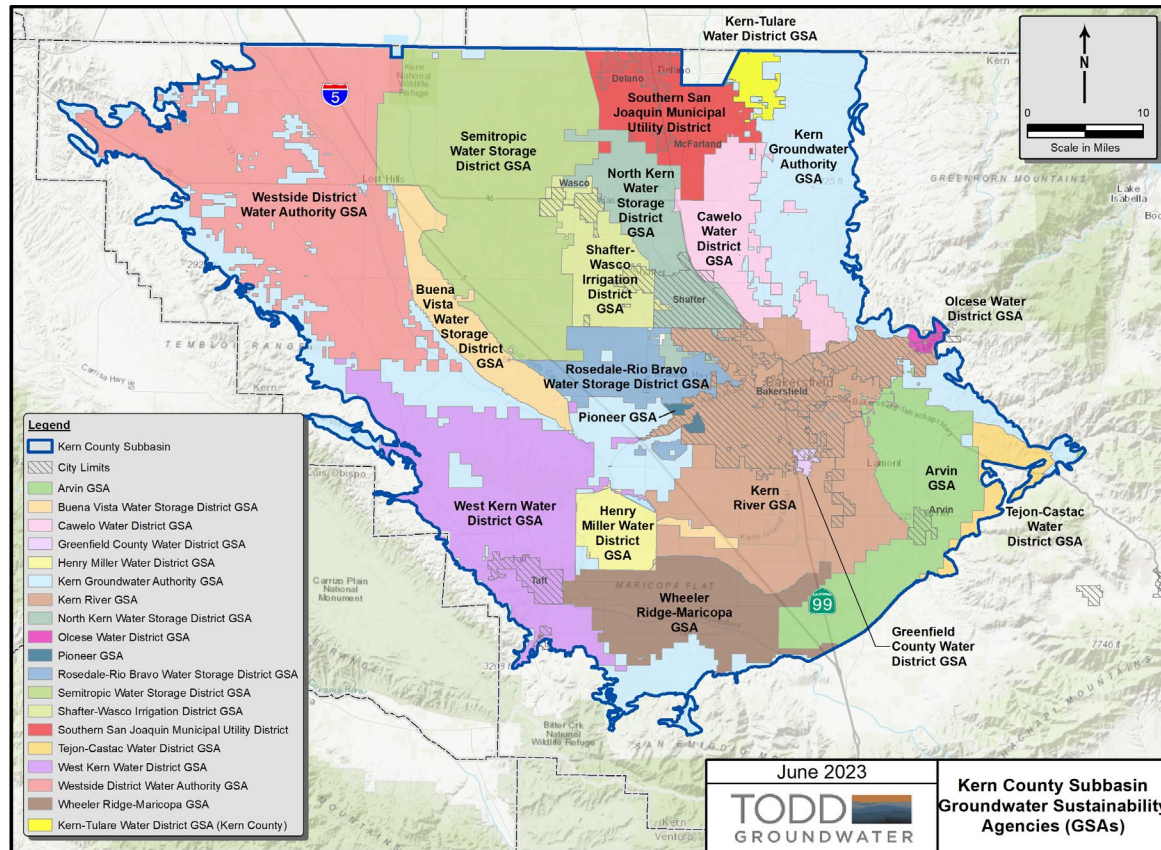
OVERVIEW

- Background
- Chronic Lowering of Groundwater Levels Sustainable Management Criteria
 - Proposed Undesirable Results (UR) definition
 - Proposed Approach for Minimum Thresholds (MTs)
 - Proposed Approach for Measurable Objectives (MOs)

DWR DEFICIENCIES

- #1: The GSPs do not establish Undesirable Results (URs) that are **consistent** for the entire Subbasin.
- #2: The Subbasin's chronic lowering of groundwater levels sustainable management criteria **do not satisfy the requirements** of SGMA and the GSP Regulations.
- #3: The Subbasin's land subsidence sustainable management criteria **do not satisfy the requirements** of SGMA and the GSP Regulations.

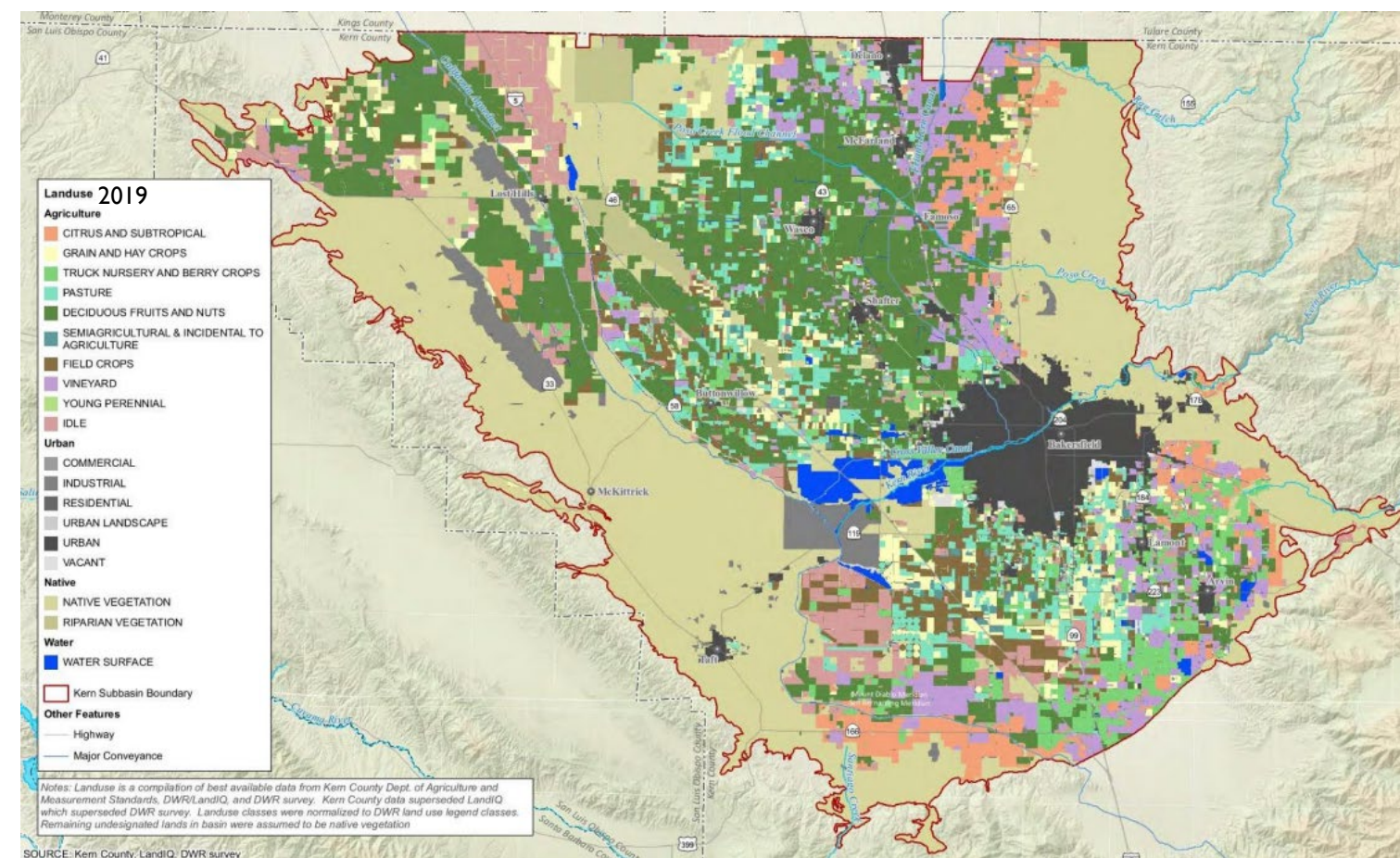
GSA's / GSP GROUPS DEVELOPING REVISED GSPs USING COMMON FRAMEWORK



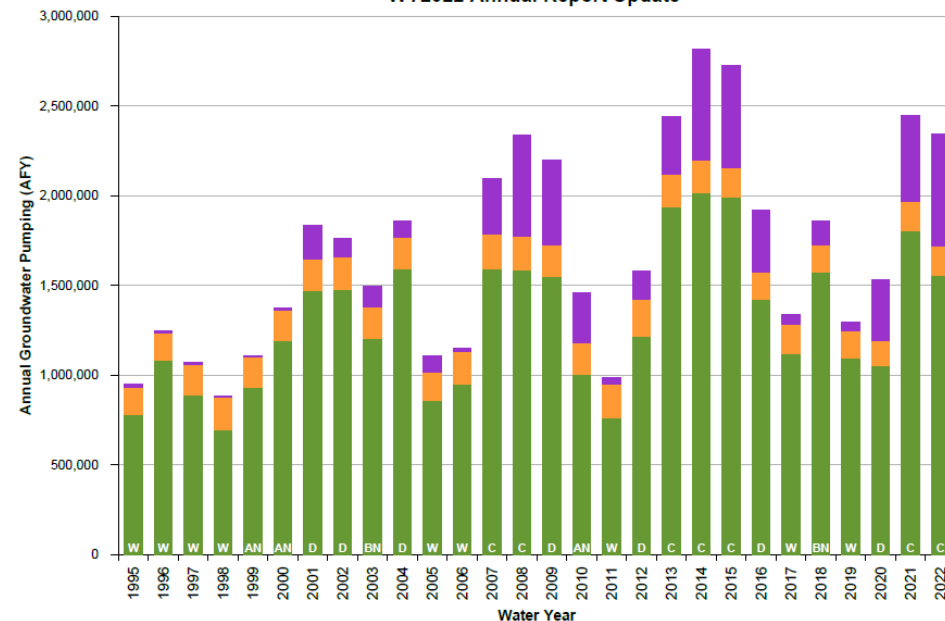
■ 19 GSAs

■ 8 GSP groups

APPROACH REFLECTS DIVERSE LAND AND WATER USES ACROSS THE STATE'S LARGEST BASIN...

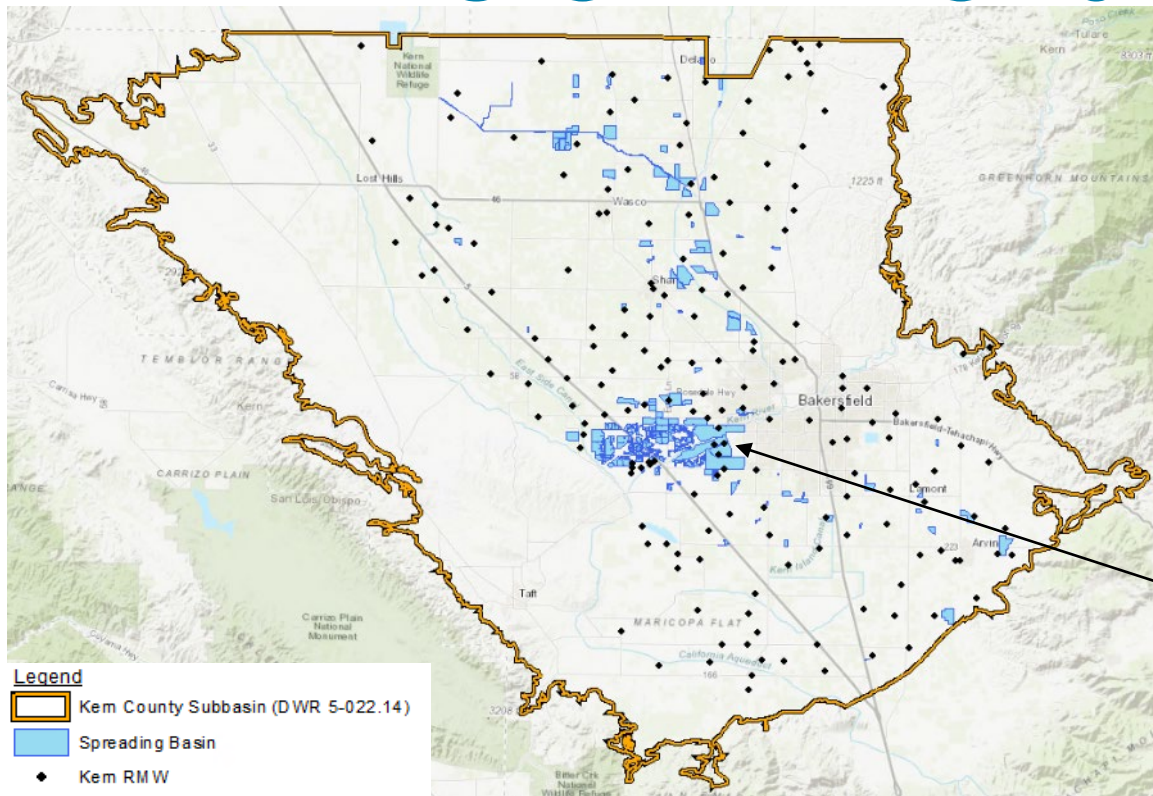


Kern County Subbasin Groundwater Extractions for WYs 1995-2022
WY2022 Annual Report Update

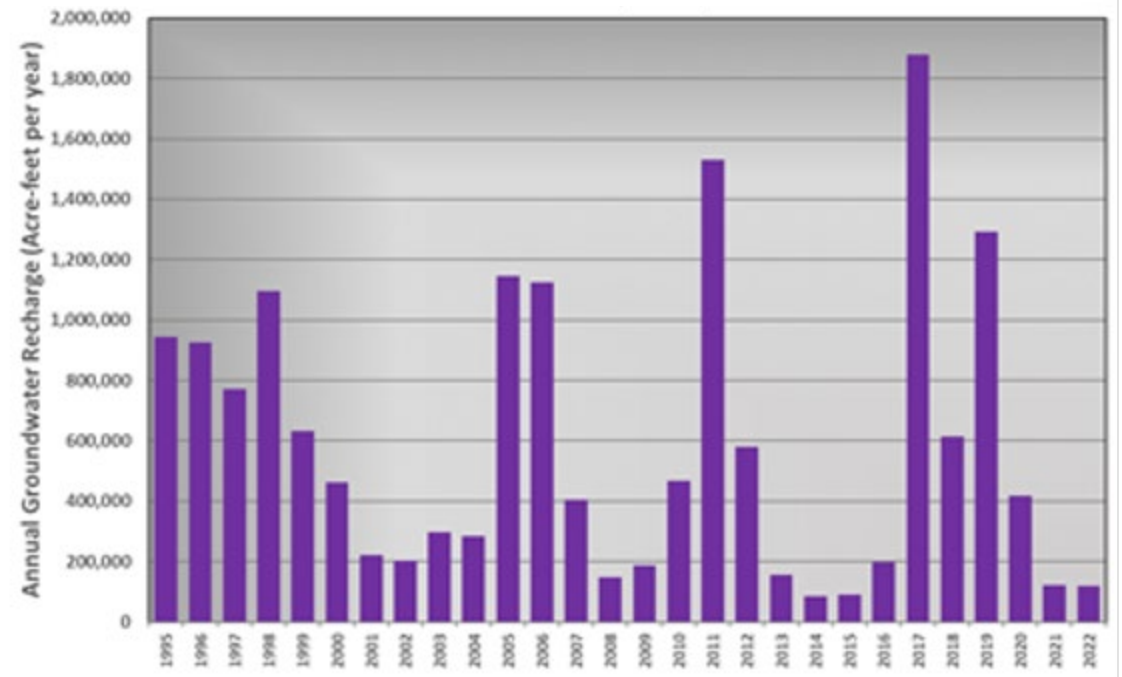


- Agricultural Pumping
- Urban Pumping
- GW Banking, Exchanges, and "Pump-ins"

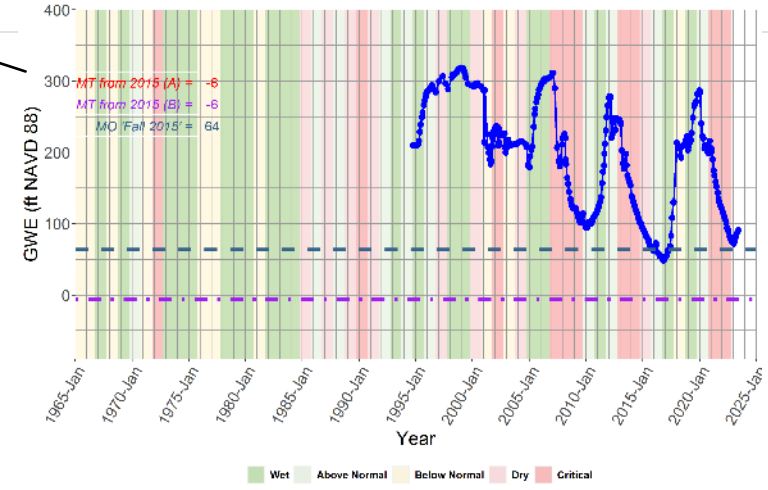
... AND SIGNIFICANT BANKING OPERATIONS



Kern County Subbasin Managed Aquifer Recharge (MAR) and Groundwater Banking WY 1995 - 2022



30S/26E-04J002M



- Millions of acre feet of surface water recharged and recovered for local and statewide benefit
- Monitoring wells exhibit large fluctuations to support banking operations

LARGE EFFORT TO BETTER UNDERSTAND LOCATION AND TYPE OF BENEFICIAL USERS

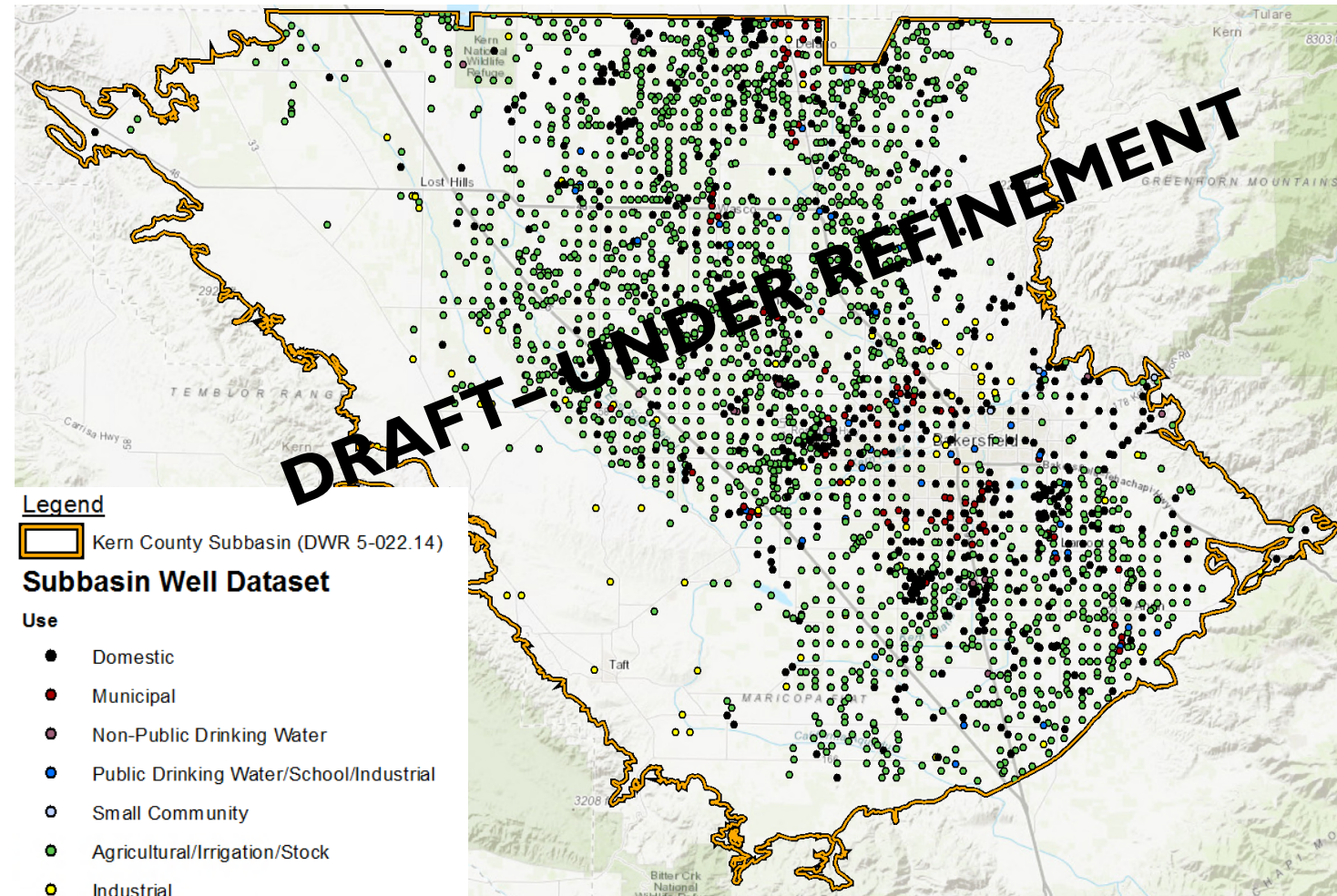
Well Count by Type*:

- Agricultural: 2,847
- Domestic: 1,513
- Municipal: 110
- Public Supply: 79
- Small Community: 5
- Industrial: 116

1,707
"drinking water wells"

■ Total: 4,670

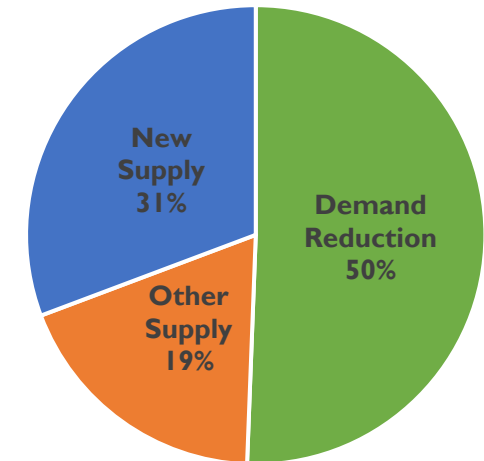
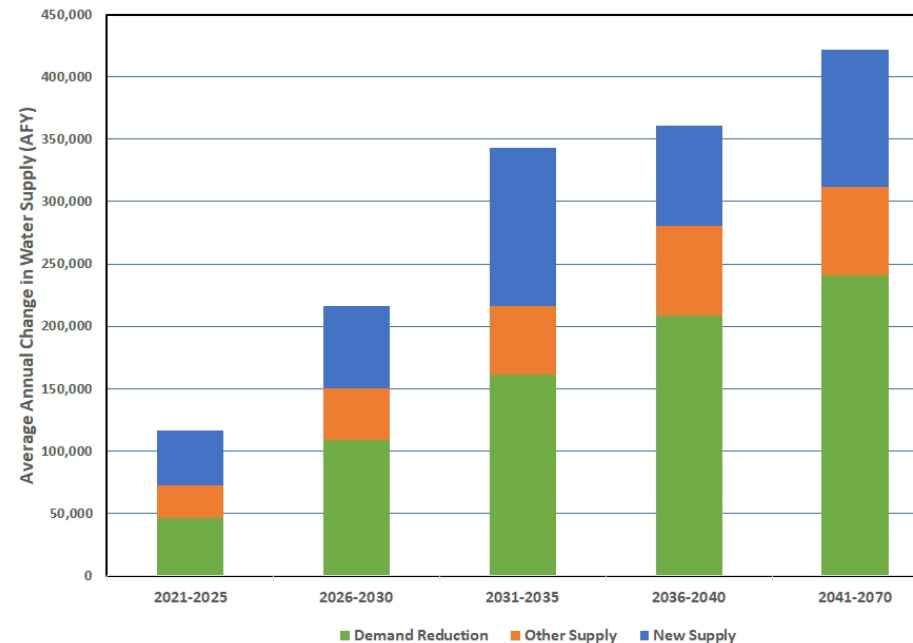
* Wells less than 70 years old in 2040 for planning purposes, but not excluded from mitigation



GSA_s ALSO ACTIVELY WORKING TO CORRECT BASIN OVERDRAFT

- Developing and implementing P/MAs to address overdraft
- Many GSA_s focusing on demand reduction
- Continued outreach to and transparency with landowners

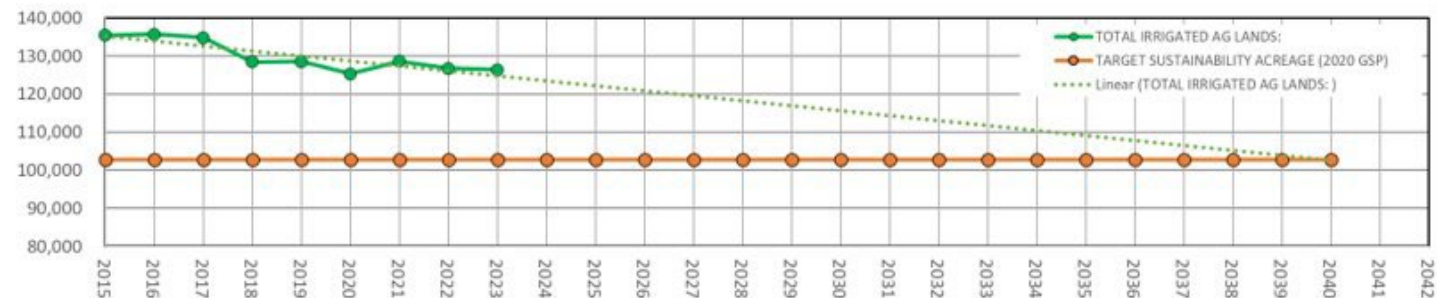
P/MAs included in the 2022 GSPs:



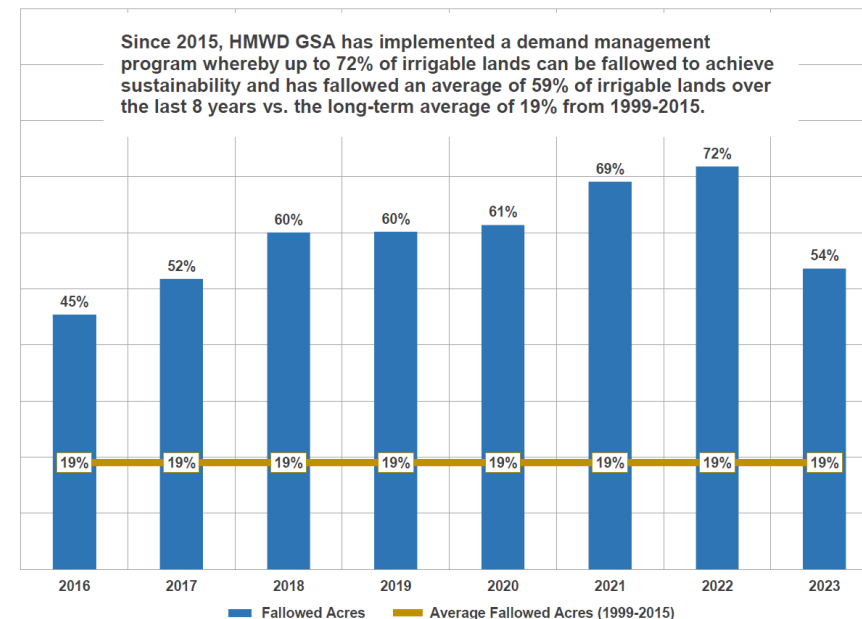
EXAMPLE DEMAND REDUCTION P/MAs

- Examples of demand reduction P/MAs include:
 - SWSD reduction in irrigated acreage is tracking to meet targeted sustainable acreage by 2040
 - HMWD fallowed on average 59% of irrigable lands over the last 8 years
 - BVWSD fallowed approx. 4,500 acres
 - SWID voluntary rotational land fallowing program

Example: Semitropic Water Storage District Irrigated Acreage



Example: Henry Miller Water District GSA Fallowed Acres



KERN COUNTY SUBBASIN SUSTAINABILITY GOAL

From Coordination Agreement Exhibit 1 (July 2022):

- Collectively **bring the Subbasin into sustainability** and to maintain sustainability over the implementation and planning horizon and beyond
- Achieve sustainable groundwater management in the Kern County Subbasin through **the implementation of projects and management actions** at the member agency level of each GSA
- Maintain its **groundwater use within the sustainable yield** of the basin as demonstrated by monitoring and reporting groundwater conditions
- **Operate within the established sustainable management criteria**, which are based on the collective technical information presented in the GSPs in the Subbasin
- **Avoid dewatered municipal wells and unmitigated dewatered domestic wells**

COMPLIANCE WITH REGULATIONS – UNDESIRABLE RESULTS

Per § 354.26: ...Undesirable results occur when significant and unreasonable effects for any of the sustainability indicators are caused by groundwater conditions occurring throughout the basin.

(B) The description of undesirable results shall include the following:

(1) The cause of groundwater conditions occurring throughout the basin that would lead to or has led to undesirable results based on information described in the basin setting, and other data or models as appropriate.

*(2) The criteria used to define when and where the effects of the groundwater conditions cause undesirable results for each applicable sustainability indicator. The criteria shall be based on a quantitative description of the **combination of minimum threshold exceedances** that cause significant and unreasonable effects in the basin.*

*(3) **Potential effects on the beneficial uses and users** of groundwater, on land uses and property interests, and other potential effects that may occur or are occurring from undesirable results*

PROPOSED UR DEFINITION

- The point at which significant and unreasonable impacts over the planning and implementation horizon affect the reasonable and beneficial use of, and access to, groundwater by overlying users.
- This is defined if either of the following conditions are met:
 - More than 15 drinking water wells reported as dry in any given year.
 - The MTs for groundwater levels are exceeded in at least 25% of the representative monitoring sites over a single year (two consecutive seasonal measurements).

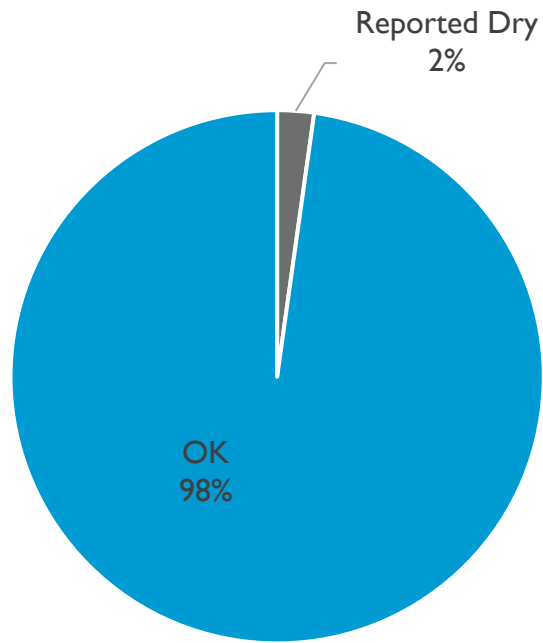
“SIGNIFICANT AND UNREASONABLE” CONSIDERATIONS

Avoid significant and unreasonable impacts to beneficial users, specifically, dewatering of drinking water wells

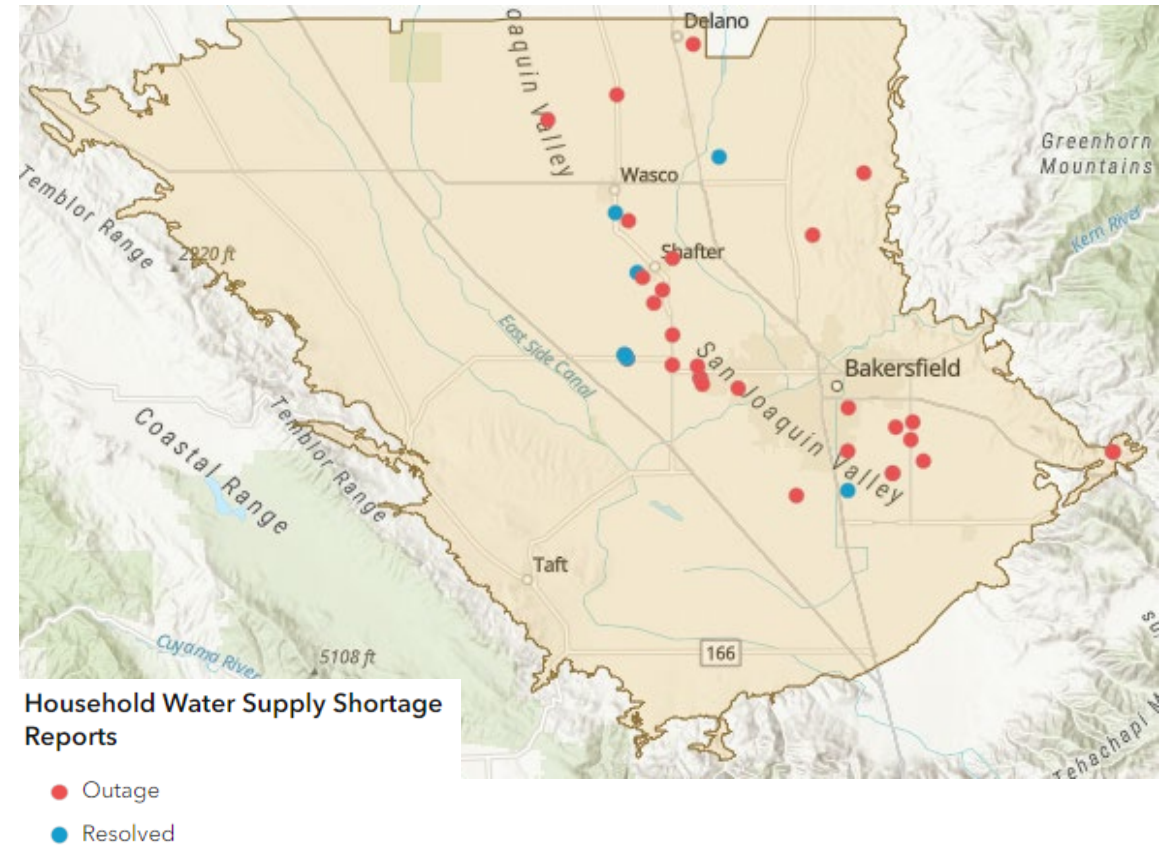
- How many drinking water wells have historically been impacted?
- How many drinking water wells is it reasonable and economical to potentially mitigate?

REPORTED DRY WELLS TO DWR

<https://storymaps.arcgis.com/stories/f2b252d15a0d4e49887ba94ac17cc4bb>



Water Year	Reported Dry Wells
2015	1
2016	1
2017	9
2018	4
2019	3
2020	0
2021	1
2022	10
2023	10



ECONOMIC CONSIDERATIONS

- Balancing stakeholder priorities – drinking water users need supply reliability; agricultural users desire operational flexibility to generate economic benefits
- What is the \$ impact on agricultural industry vs. costs to maintain drinking water supplies through managing water levels?
- As an example, a \$1M/yr well mitigation program would provide sufficient funds to mitigate approximately >15 dewatered wells per year (>240 by 2040):
 - \$1/AFY pumped groundwater x 1.3 MAFY = \$1.3M
 - \$1.5/irrigated acre x 663,000 irrigated acres = \$0.99M
 - \$0.50/acre x 1,945,000 acres = \$0.97M

“SIGNIFICANT AND UNREASONABLE” TEST

Avoid significant and unreasonable impacts to beneficial users, specifically, dewatering of drinking water wells

- How many drinking water wells would be projected to go dry if 25% of RMWs exceeded their MTs?

25% OF RMWs CAN REACH MTs WITHOUT CREATING URs

- Basin has 200 RMWs
- Assigned all drinking water wells to the closest RMW
- Based on distribution of wells and RMWs, 78 RMWs (39%) could reach MTs without dewatering more than 15 drinking water wells
- GSAs have determined that if 25% of RMWs reach MTs, it is not “significant and unreasonable” so long as no more than 15 drinking water wells (1%) are dewatered

GSA's PLAN TO BUILD OFF EXISTING SUCCESSFUL WELL MITIGATION PROGRAMS USED BY BASIN'S BANKING PROJECTS

- Affected landowners submit a claim and [GSA] representative performs a field inspection of the well, casing, and pumping equipment.
- Mitigation measures may include one or more of the following:
 - Short-term emergency water supply to domestic well owners.
 - Funds to lower a well pump.
 - Funds to complete a connection to an M&I water provider.
 - Provide an equivalent water supply from an alternate source.
 - Funds to replace the affected well with a deeper well.
 - Reducing or adjusting recovery pumping as necessary to avoid the impact.
 - Other acceptable mitigation with consent of the landowner.
- GSAs have begun collaborating with Self-Help Enterprises

COMPLIANCE WITH REGULATIONS – MINIMUM THRESHOLDS

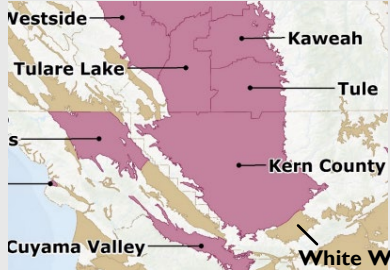
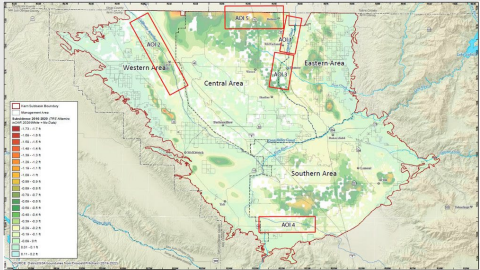
Per § 354.28: Each Agency in its Plan shall establish minimum thresholds that quantify groundwater conditions for each applicable sustainability indicator at each monitoring site or representative monitoring site

...Minimum thresholds for chronic lowering of groundwater levels shall be supported by the following:

*(A) The **rate of groundwater elevation decline** based on historical trends, water year type, and projected water use in the basin.*

(B) Potential effects on other sustainability indicators.

GROUNDWATER LEVEL SMC DEVELOPMENT PROCESS

ID Beneficial Users	Impacts to Beneficial Users / URs	Consideration of Adjacent Basins	Relationships with Other Sustainability Indicators	State, Federal, and Local Standards
<ul style="list-style-type: none"> • Holders of overlying GW rights (ag users, domestic well owners) • Municipal Well Operators • Water Banks 	<ul style="list-style-type: none"> • Well impacts analysis to assess vulnerability of well dewatering, with a focus on drinking water wells 	<ul style="list-style-type: none"> • Compare MOs/MTs to those in adjacent basins/GSP areas to assess potential impacts to GW gradients 	<ul style="list-style-type: none"> • GW Storage • SGMA-related Subsidence • Water Quality 	<ul style="list-style-type: none"> • Not applicable for water levels

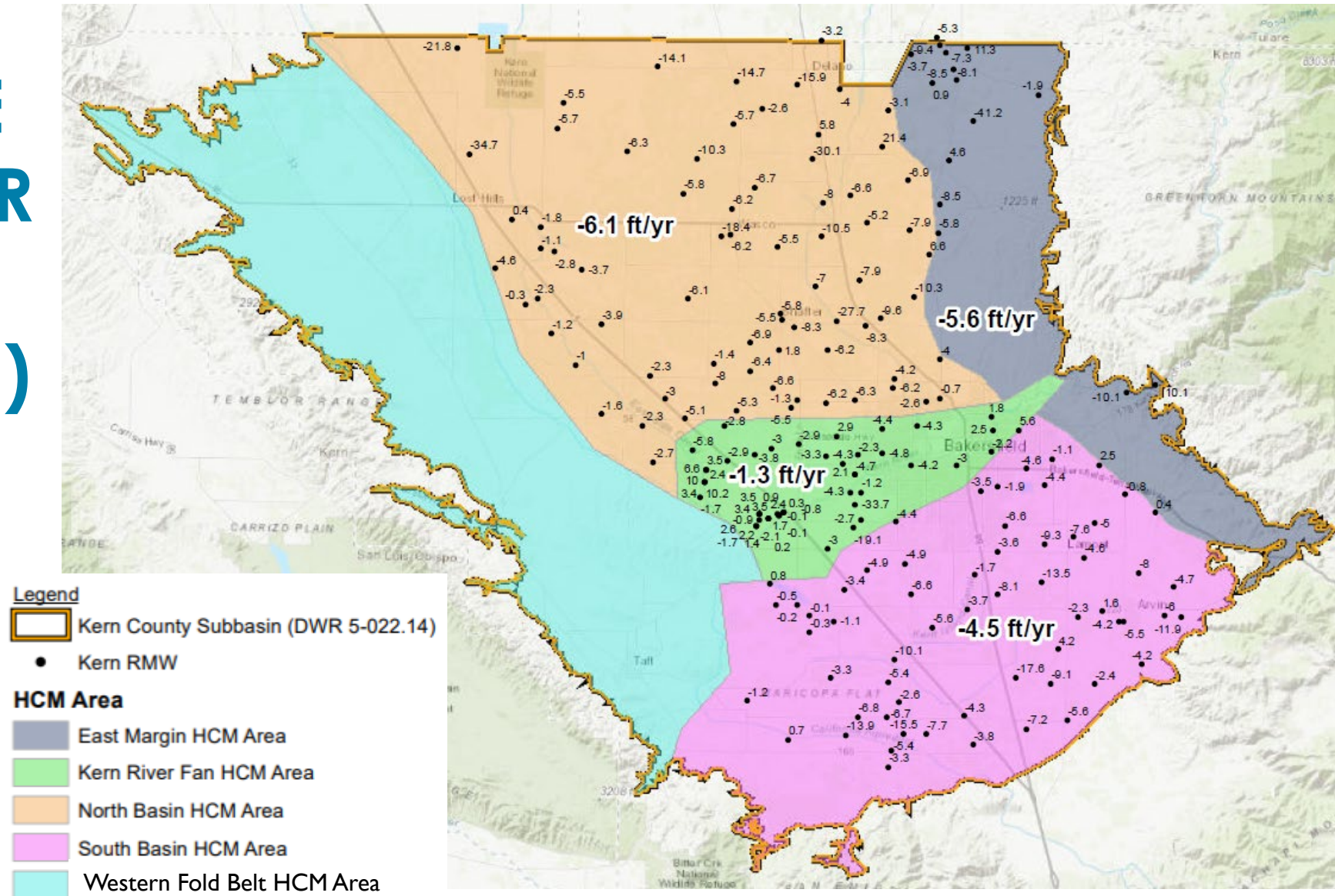
SUBBASIN MT CONSIDERATIONS AND METHOD

Rate of groundwater elevation decline based on historical trends

- Regionalized trends based on Hydrogeologic Conceptual Model (HCM)
- Groundwater levels take time to respond to P/MAs

HCM AREAS AND AVERAGE GROUNDWATER LEVEL TRENDS (WY 2009-2022)

- Ongoing refinements to trends



DRAFT – UNDER REFINEMENT

SUBBASIN MT CONSIDERATIONS AND METHOD

Rate of groundwater elevation decline based on historical trends

- Regionalized trends based on Hydrogeologic Conceptual Model (HCM)
- Groundwater levels take time to respond to P/MAs

Water year type

- Ensure sufficient water supply through more variable hydrologic conditions

SUBBASIN MT CONSIDERATIONS AND METHOD

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Water year type

- Ensure sufficient water supply through more variable hydrologic conditions

Projected water use

- Water bank operations recharge and recover millions of AF
- Maintaining access for drinking water users

SUBBASIN MT CONSIDERATIONS AND METHOD

Rate of groundwater elevation decline based on historical trends

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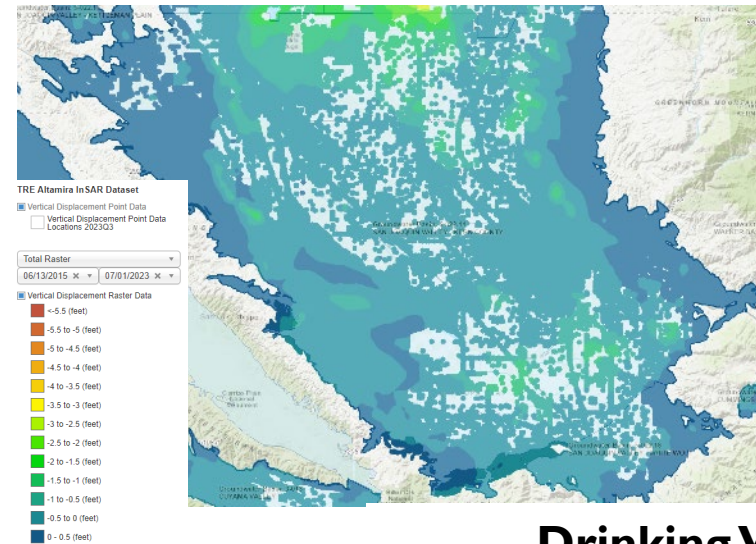
Other sustainability indicators

- SGMA-related subsidence near critical infrastructure
- Water quality degradation near urban areas

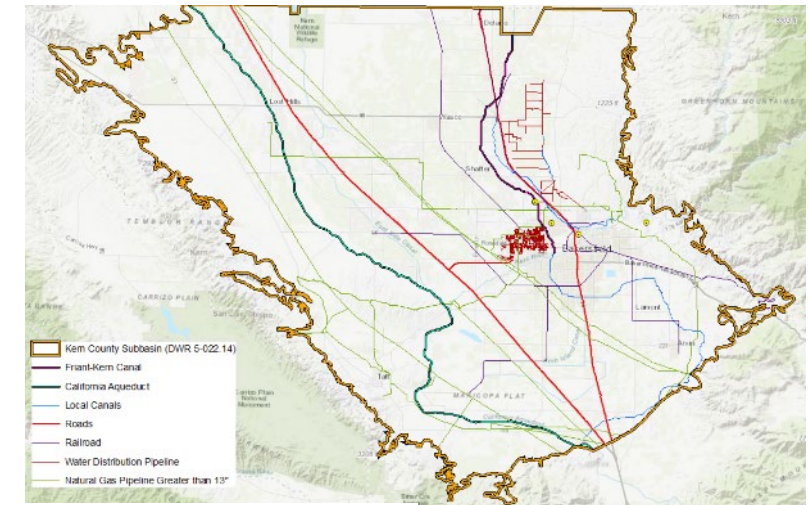
POTENTIAL MT ADJUSTMENT AREAS TO ADDRESS OTHER SUSTAINABILITY INDICATORS

- Upward adjustments to MTs may occur where protections for beneficial users are appropriate (e.g., ag pumping related subsidence, water quality, drinking water well impacts)

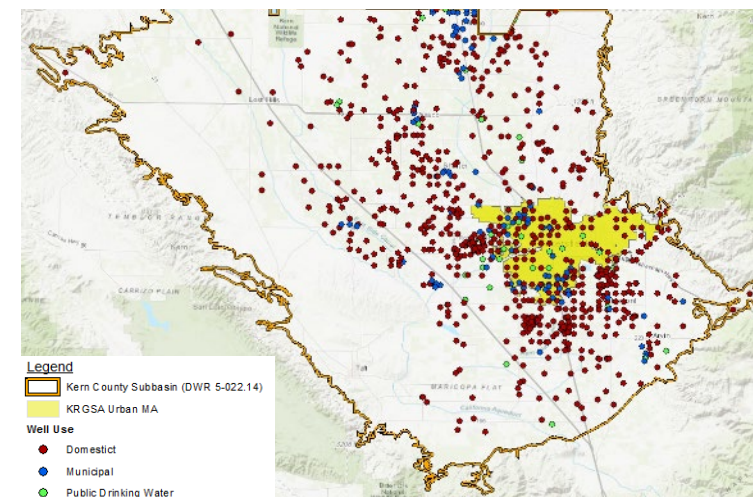
Land Subsidence



Critical Infrastructure



Drinking Water Users



MT IS THEN BASED ON EITHER:

- Groundwater level in 2030 if regional groundwater level trends continued from 2015 low as they did under recent (post-2009) imported water supply reliability conditions

OR

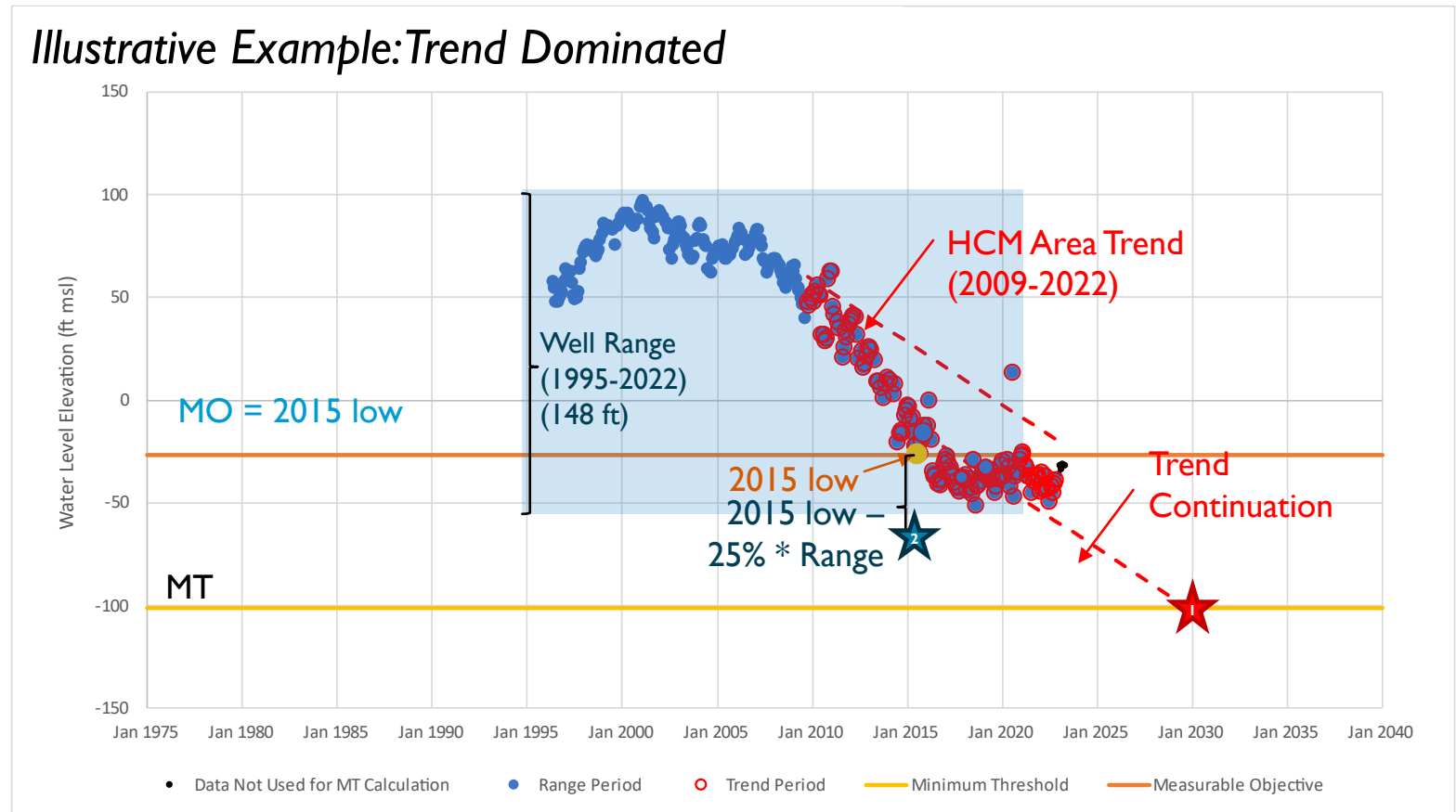
- Groundwater level that allows operational flexibility below 2015 low, based on site-specific record of groundwater response to recharge and recovery

DEFINITIONS

- **2015 low:** Low water level observed during Fall/Winter 2015, or based on data availability, estimated from an interpolation or the closest representative measurement
- **Trend:** Regional (HCM Area) water level trend WY 2009 - WY 2022 (ft/yr)
- **Range:** Difference between highest and lowest water level measurements in well WY 1995 - WY 2022 (ft)

MT CALCULATION – TREND DOMINATED

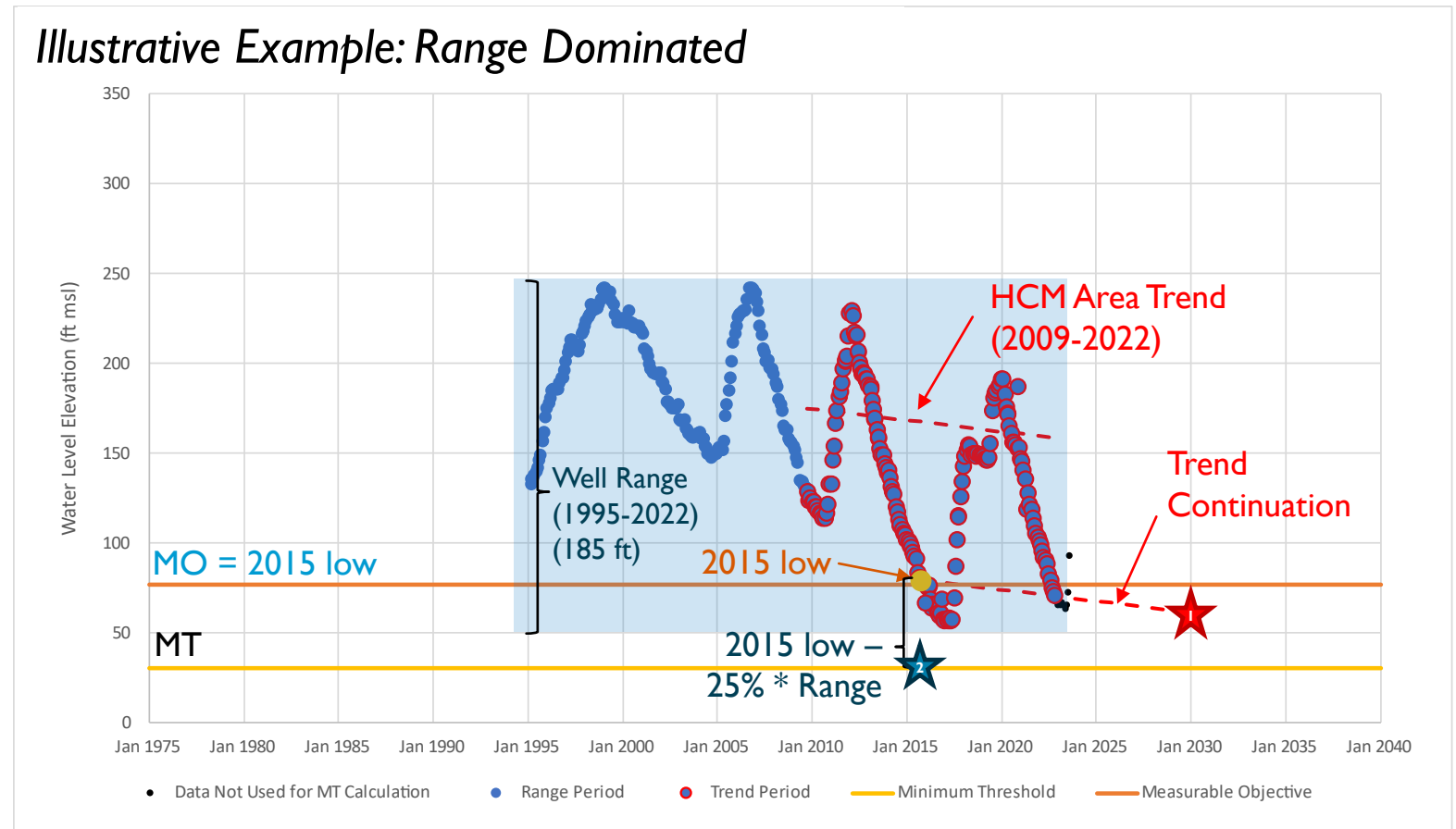
- Start at 2015 low
- Step 1: Extend the regional water level trend forward to 2030
- Step 2: Subtract 25% of the well-specific range from 2015 low
- The MT is selected as the lower of either Step 1 or 2*



* unless in a high-risk area wherein the MT may be adjusted upward or set at current conditions if no significant impacts have been observed

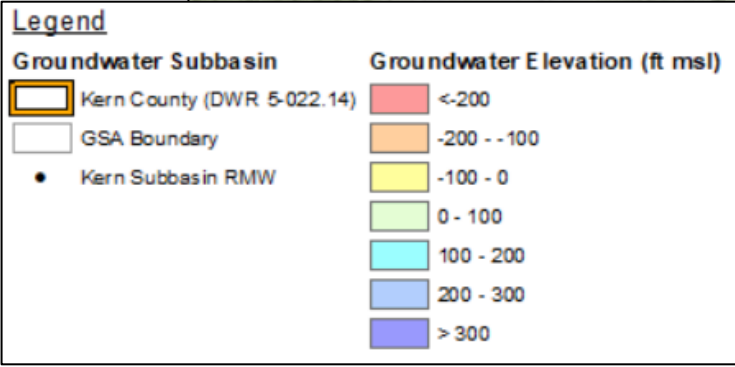
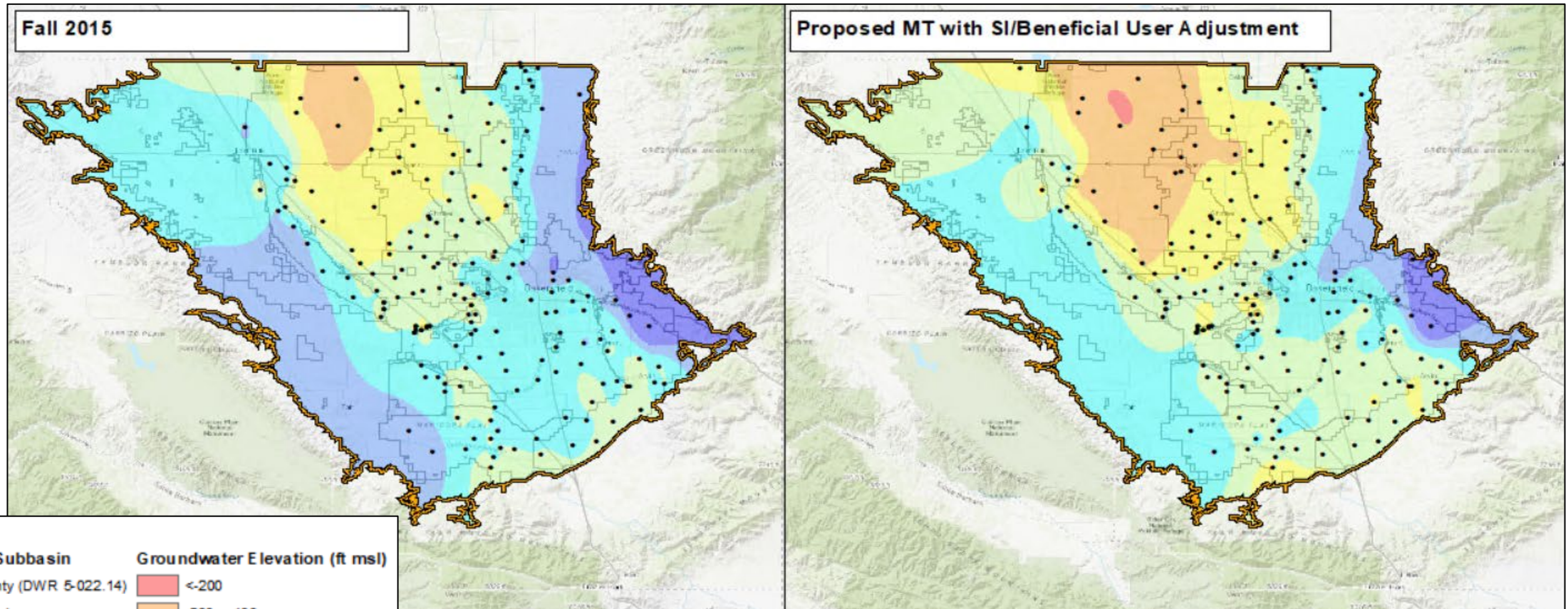
MT CALCULATION – RANGE DOMINATED

- Start at 2015 low
- Step 1: Extend the regional water level trend forward to 2030
- Step 2: Subtract 25% of the well-specific range from 2015 low
- The MT is selected as the lower of either Step 1 or 2*



* unless in a high-risk area wherein the MT may be adjusted upward or set at current conditions if no significant impacts have been observed

CHECK: SPATIAL DISTRIBUTION OF MTs / GRADIENTS IS NOT SIGNIFICANT AND UNREASONABLE



DRAFT- UNDER REFINEMENT

WELL IMPACTS IF 25% RMWs EXCEED MTs ARE NOT SIGNIFICANT AND UNREASONABLE

- Based on distribution of RMWs and wells, there are scenarios where 25% of RMWs could hit MTs without dewatering 15 drinking water wells (1% of drinking water wells)
- GSAs are committed to having a well mitigation plan in place to address drinking water well impacts

MT JUSTIFICATION

- ❑ The number of wells anticipated to be impacted does not exceed the UR definition.
- ❑ Resultant MT gradients are similar to those observed under recent (2015-2022) conditions.
- ❑ The resultant MTs generally provide for sufficient operational range below the MOs.
- ❑ The resultant MTs are designed to not have negative effects on other Sustainability Indicators (CCR 354.28(B)).
- ❑ The Model results generally support groundwater levels above proposed MTs with implementation of planned P/MAs.
- ❑ The methodology is consistent with the SGMA regulations “rate of groundwater elevation decline based on historical trends, water year type, and projected water use in the basin” (CCR 354.28(A)).

COMPLIANCE WITH REGULATIONS – MEASURABLE OBJECTIVES

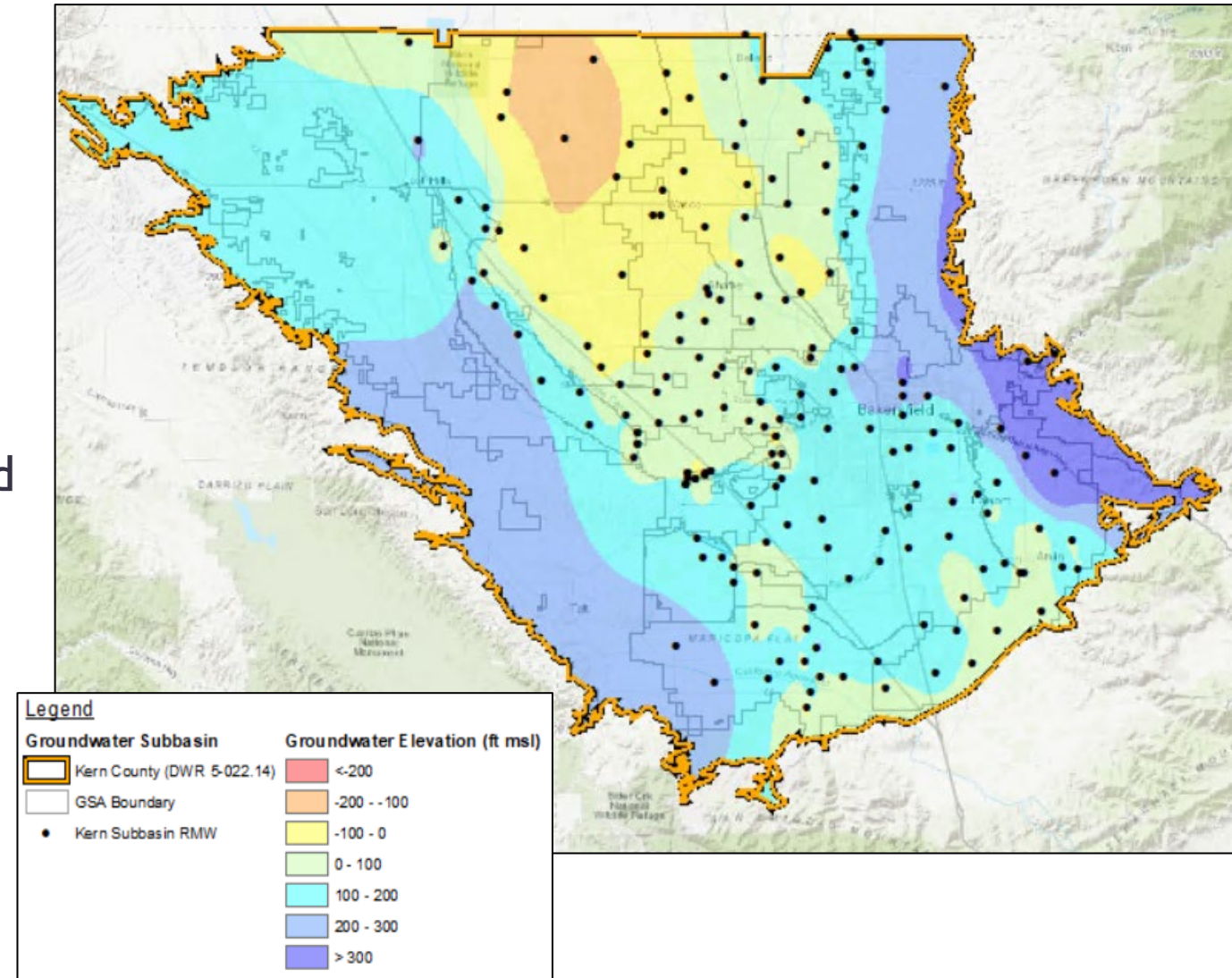
Per § 354.30: Measurable Objectives shall...

*(B) ...be established for each sustainability indicator, based on quantitative values using the **same metrics and monitoring sites as are used to define the minimum thresholds.***

*(C) ...provide a **reasonable margin of operational flexibility** under adverse conditions which shall take into consideration components such as historical water budgets, seasonal and long-term trends, and periods of drought, and be commensurate with levels of uncertainty.*

PROPOSED MOs

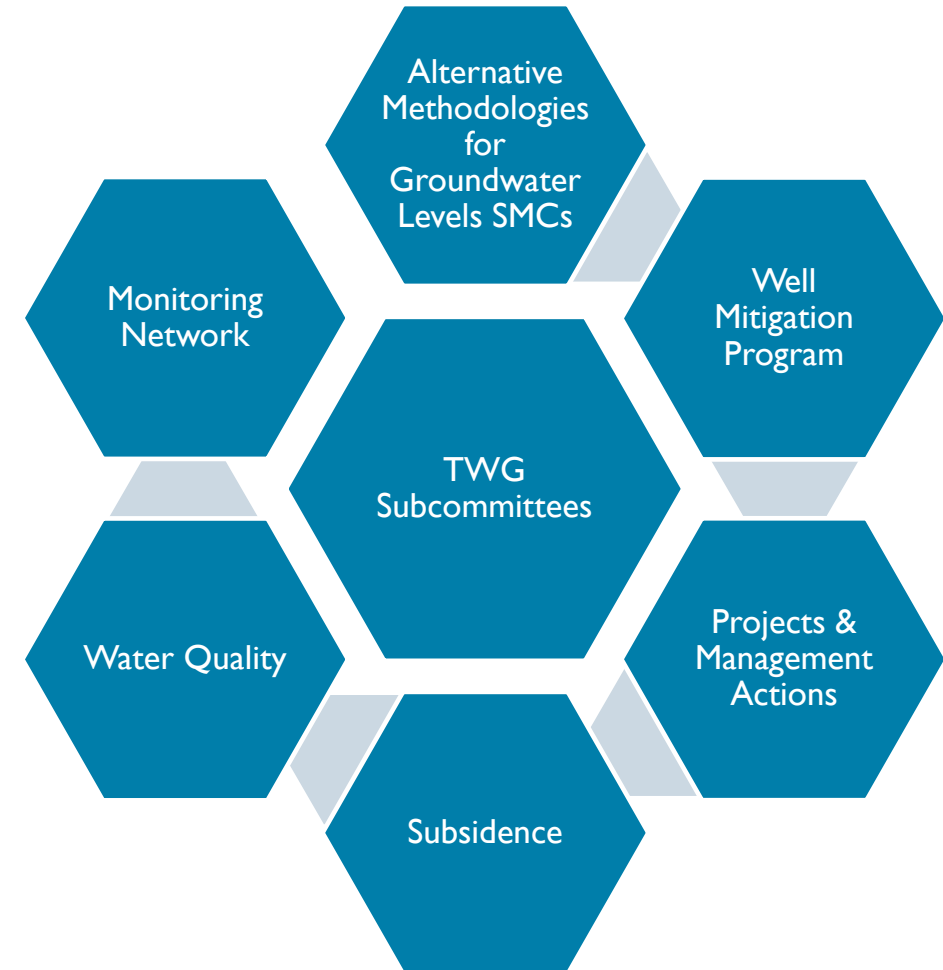
- 2015 low groundwater levels
- MO Justification:
 - Aligns with projected water levels assuming implementation of the planned P/MAs
 - Provide for sufficient operational range above MT
 - Consistent with the Subbasin's sustainability goal and general intent of SGMA
 - Doesn't result in significant and unreasonable well/economic impacts



DRAFT- UNDER REFINEMENT

NEXT STEPS

- Continue to refine Groundwater Level SMC methodology based on feedback
- Continue work to address DWR deficiencies
 - Technical Working Group (TWG) subcommittees
 - GSP revisions
- Continue stakeholder engagement



THANK YOU



Technical Working Group Project and Management Action Approach

Kern County Subbasin



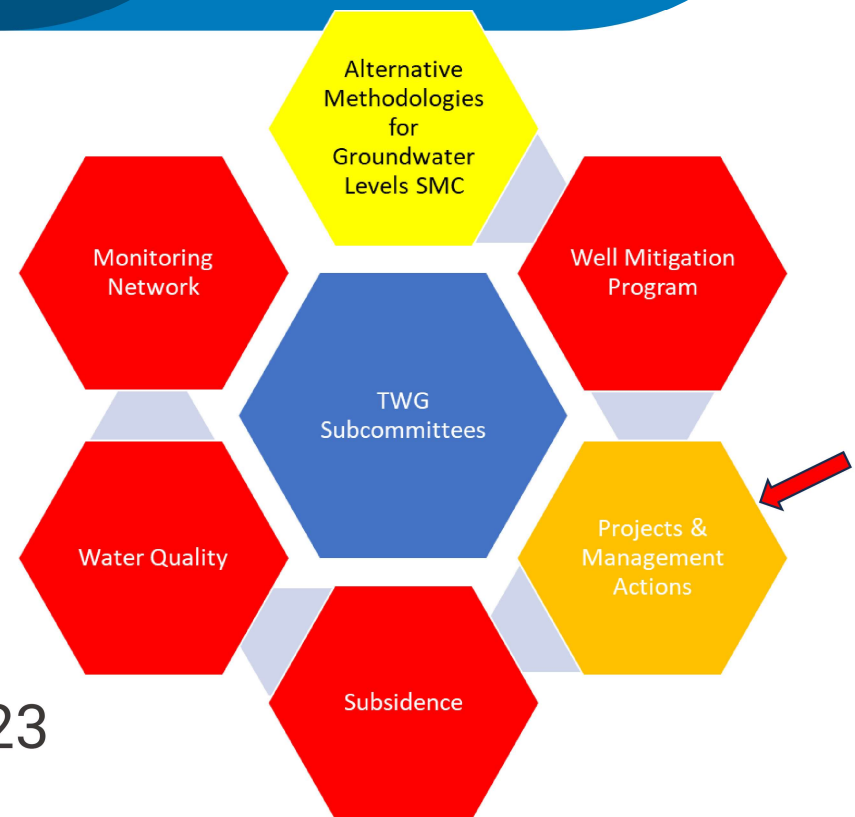
October 9, 2023

PMA TWG Subcommittee Members

- Dan Bartel – RRBWSD GSA
- Mike Maley - Todd
- David Miller - GEI
- Larry Rodriguez – GEI

Presentation to TWG 10/3/2023

Comments received through 10/5/2023



PMA Presentation Outline

- Update on Water Budgets §354.18
- PMA Goals and Objectives §354.44(a)
- Recommended Approach to Coordinated PMA's:
 - Descriptions §354.44(a)(1) & §354.18
 - Circumstance for Implementation §354.44(1)(A)
 - Source & Reliability of Water §354.44(a)(6)
 - Uncertainties and Data Gaps §354.44(c) & (d)

Model Used to Assess Viability of Implementation Plan §354.18

- Coordinated with GSA/MAs
 - Provided historic water budget data
 - Results presented to all GSA/MAs during series of meetings
 - GSA/MAs reviewed results for their areas
- Historical Water Budget
 - WY1995-2014 Base Period
 - 20-year Kern River Index average of 100%
- Projected Future Scenarios
 - Setup following DWR guidance and BMPs
 - Future storage decline is higher than historical due to projected decrease in SWP and FKC deliveries
 - Assessed viability of GSP Implementation Plan of PMAs via model

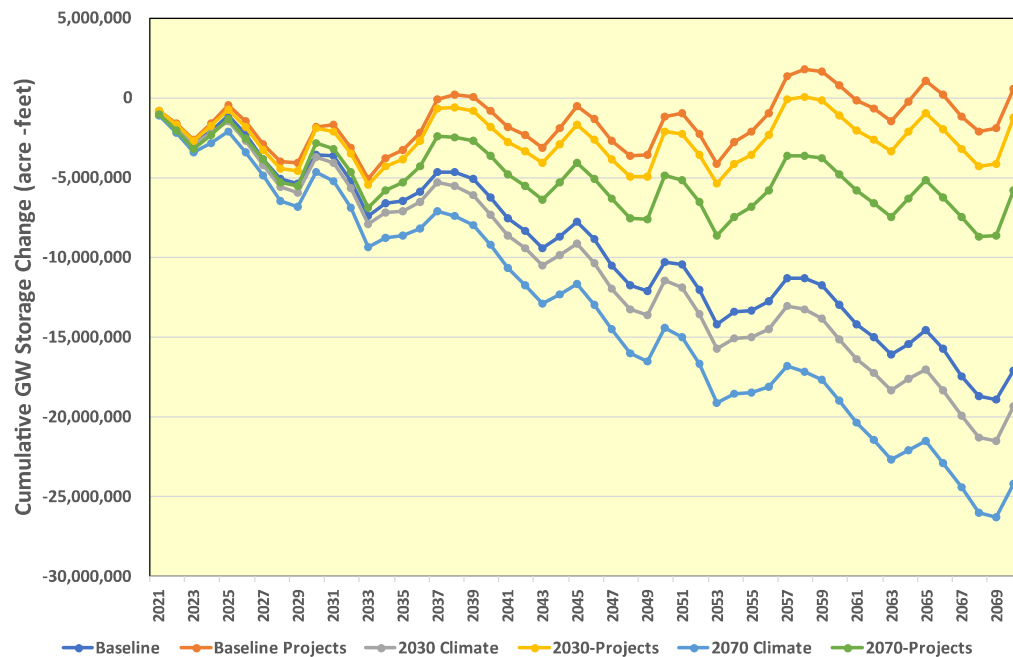
1/1/2020 Kern Subbasin Coordination Agreement

7.1 In accordance with 23 CCR, § 357.4 subd. (b) the Parties shall prepare a coordinated water budget for the Basin as described in this sub-section, as required by 23 CCR, § 354.18. The water budget will provide an accounting and assessment of the total annual volume of groundwater and surface water entering and leaving the Basin, including historical, current, and projected water budget conditions, and the change in the volume of water stored. Information regarding the agreed upon coordinated water budget shall be attached as Appendix 4 to this Agreement when approved by all Parties.

C2VSimFG-Kern Model Scenario	Change in Groundwater Storage (AFY)	
	C2VSimFG-Kern Model Results	Adjusted Model Results
Historic	-277,114	-277,114
Baseline	-324,326	-324,326
Baseline with Projects	42,144	85,578
2030 Climate Change	-380,900	-372,120
2030 Climate with Projects	-12,861	46,829
2070 Climate Change	-489,828	-472,336
2070 Climate with Projects	-118,273	-45,969

Results show PMAs are sufficient, if fully implemented, for groundwater sustainability

Projected-Future Change in Groundwater in Storage
in Kern County Subbasin



- Simulation of PMAs
 - Evaluated with and without PMAs
 - PMA data provided by each GSA/MA
- Future scenarios without PMAs
 - Results in ongoing declines in groundwater in storage
- Future scenario with PMAs
 - Results in long-term stable groundwater in storage

Model Used to Assess Viability of Implementation Plan §354.18

BASELINE CONDITIONS

ENTITY	TOTAL DEMAND	TOTAL WATER SUPPLY	NET WATER BUDGET
Kern Groundwater Authority	1,939,409	1,683,128	-256,281
Henry Miller GSA	40,884	35,791	-5,093
Olcese Water District GSA	2,650	3,202	552
Kern River GSA	305,310	276,157	-29,153
Kern River GSA - App. K Properties	1,308		-1,308
Buena Vista GSA	103,950	126,936	22,986
Non-districted lands*	18,013		-18,013
Totals	2,411,524	2,125,214	-286,310

Todd Groundwater Modeling Result for Baseline Condition:

-324,326

Todd Groundwater Modeling Result for Historical Change in Groundwater in Storage:

-277,114

*Most of the irrigated non-districted lands are now being managed/covered under SGMA by the GSAs

Model Used to Assess Viability of Implementation Plan §354.18

TABLE: Summary of Proposed Projects and Management Actions used for Projected-Future Model Scenarios in support of 2020 GSPs														
		Coordination Agreement				2041-2070 Sustainability Period					CA Target		2030 Target	
		Net Water Budget (AFY)			Prorated 2030 Climate Change	Demand Reduction (AFY)	New Water Supply (AFY)	Other Water Supply (AFY)	TOTAL Projects/Actions		Difference of Net Water Budget Compared to Total PMAs		Difference of Net Water Budget Compared to Total PMAs	
Areas	Areas	Total Demand	Total Water Supply	Net Water Budget		Average	Average	Average	Total	Average	Difference (AFY)	Percent Difference	Difference (AFY)	Percent Difference
Current KGA		778,847	613,115	-165,732	-215,404	131,496	933	12,414	4,345,292	144,843	-20,889	-13%	-70,561	-33%
KGA - nonDistricted		4,200		-4,200	-5,459	0	0	0	0	0	-4,200	no PMAs	-5,459	no PMAs
Kern River GSA		305,310	276,157	-29,153	-37,890	28,516	0	2,027	916,278	30,543	1,390	5%	-7,348	-19%
KRGSA App. K Properties		1,308	0	-1,308	-1,700	0	0	0	0	0	-1,308	no PMAs	-1,700	no PMAs
Henry Miller GSA		40,884	35,791	-5,093	-6,619	0	0	529	15,870	529	-4,564	-90%	-6,090	-92%
North Central Kern		591,464	537,966	-53,498	-69,532	40,388	49,333	40,523	3,907,319	130,244	76,746	143%	60,712	87%
Rosedale Rio Bravo		118,860	98,744	-20,116	-26,145	18,700	19,867	0	1,157,000	38,567	18,451	92%	12,422	48%
Olcese GSA		2,650	3,202	552	717	0	0	0	0	0	552	+ balance	717	+ balance
Buena Vista GSA		103,950	126,936	22,986	29,875	3,422	0	0	102,660	3,422	26,408	+ balance	33,297	+ balance
South of Kern River GSA		464,051	433,303	-30,748	-39,964	24,399	44,518	4,765	2,210,452	73,682	42,934	140%	33,718	84%
TOTAL		2,411,524	2,125,214	-286,310	-372,120	246,921	114,651	60,257	12,654,872	421,829	135,519	47%	49,709	13%
Percentage of Total						59%	27%	14%						
NOTES:														

CC Question? Is the -286,310 AF/YR our target in planning our PMA's? Or Baseline or 2030 or 2070?

Goals and Objectives of PMA's §354.44

§ 354.44(a) Each Plan shall include a description of the projects and management actions the Agency has determined will achieve the sustainability goal for the basin....

- As a reminder:
 - Sustainable Management Criteria are used to help set the Sustainability Goal
 - Monitoring Network to check if the Sustainability Goal is being met
 - **Projects and Management Actions (PMA's) are the "HOW" GSA's plan to achieve the Sustainability Goal**
 - Modeling is a validation tool to predict the likelihood of achieving the Sustainability Goal

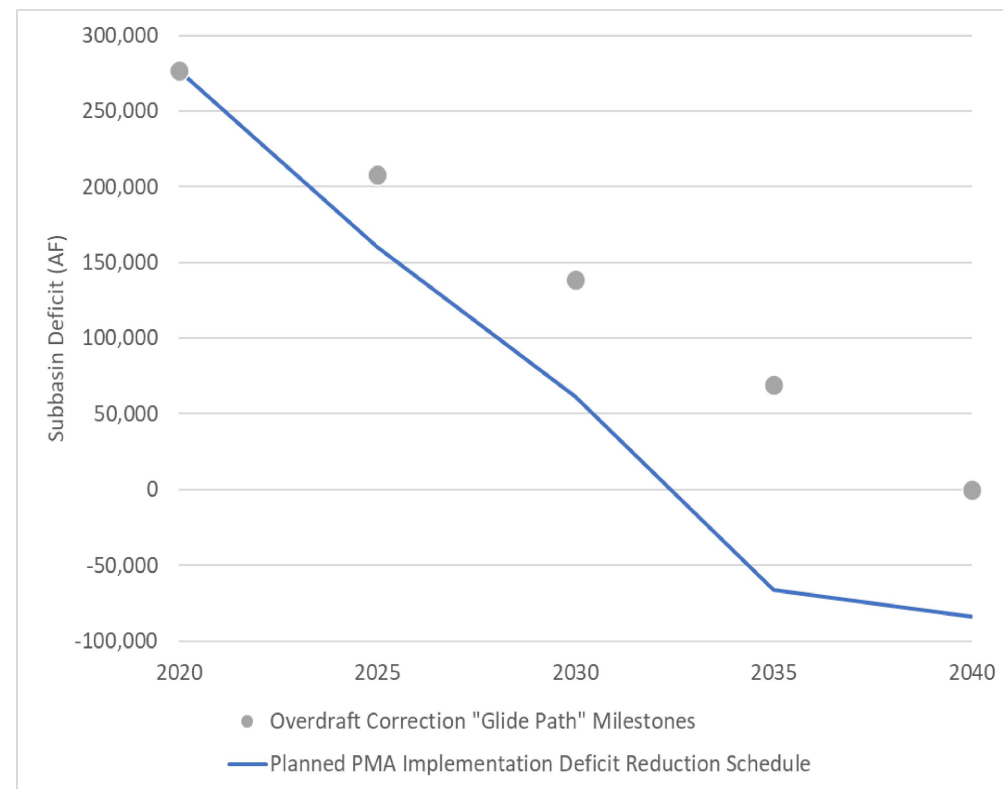
Goals and Objectives of PMA's §354.42

Where does the concept of Glide Path come from?

§ 354.44. (b) (2) ***If overdraft conditions are identified*** through the analysis required by Section 354.18, the Plan shall describe projects or management actions, including a quantification of demand reduction or other methods, for the mitigation of overdraft.

Subbasin and each GSP Area with a deficiency will:

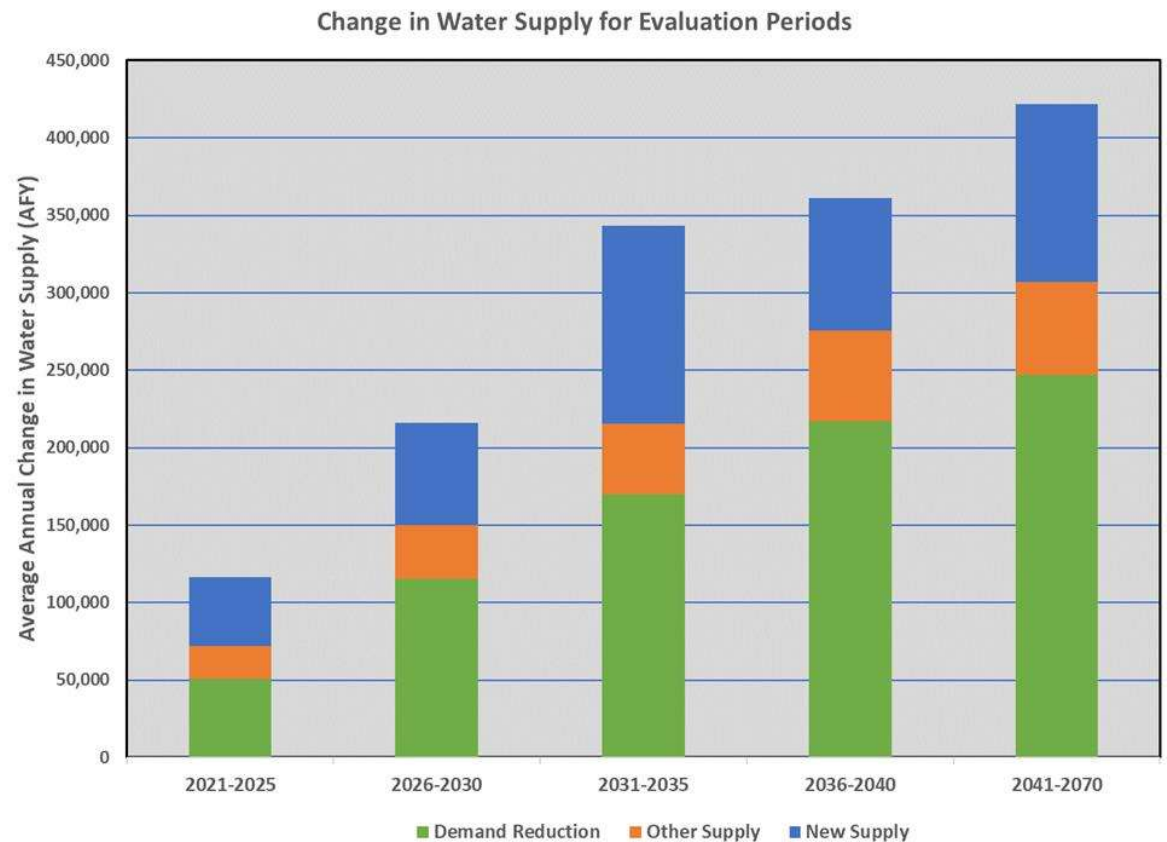
- Establish a Common Overdraft Correction Glide Path Goal to Sustainability with 5-year Milestones
- Create a PMA Implementation Schedule including estimate of Resultant Implementation Benefits meeting that goal
- Do a GW Model Independent Check to verify



Demand Reduction is a Key Part of GSP Implementation Plans §354.42

Kern PMA's give us a good story to work from

- Existing 2022 Amended PMA's are Demand Reduction Dominated >55%?
- 2024 Amended Plan will require updated PMA's to be Demand Reduction "Forward" >65%?
- "Other and New Supplies" will be clearly substantiated



Goals and Objectives of PMA's §354.42

PMA Implementation Schedule vs. Milestones (Subbasin & GSP Area)

Project and Management Action Implementation Schedule (AFY)

Kern County Subbasin Projected-Future Scenerio Overdraft Correction "Glide Path" 354.44 (b)(2)	2020	2025	2030	2035	2040
Projected Deficit		286,310			
Target Deficit Reduction (%)	0	25%	50%	75%	100%
Overdraft Correction "Glide Path" Milestones	286,310	214,733	143,155	71,578	0

Project and Management Action, by Type (AFY)

Project and Management Action, by Type (AFY)							Description
Planned Demand Reduction	Land Retirement	0	6,852	16,850	21,722	23,562	Permanent change from Irrigated to non-irrigated
	Demand Reduction	0	26,906	65,702	101,536	136,535	Program to reduce applied water
	Ag to Urban Conversion	0	13,157	23,468	33,758	40,401	Conversion of land from irrigated land to urban
	Water Conservation-Efficiency	0	3,752	9,044	12,762	16,454	Incentives to improve water use practices
Subtotal		0	50,667	115,064	169,778	216,952	Demand Reduction meets 66% of Target Volume
Planned Water Supply Augmentation	Supplemental Water Recharge	0	39,517	47,753	94,530	58,798	Increased recharge projects during wet years
	Supplemental Water Use	0	4,919	12,131	24,443	23,346	Purchase imported water for current year
	Third-Party Banking	0	3,336	5,100	6,864	6,938	Local benefit derived from 3rd Party Banking
	New Local Supply	0	13,119	29,395	39,679	39,112	Use of recycled water supplies
	Exercise of Rights	0	4,995	6,505	7,994	16,027	Improved utilization of existing water supplies/rights (banked or surface)
Subtotal		0	65,886	100,884	173,510	144,221	Water Supply Augmentation = 47% of Target Volume
PMA Implementation Schedule*		0	116,553	215,948	343,288	361,173	

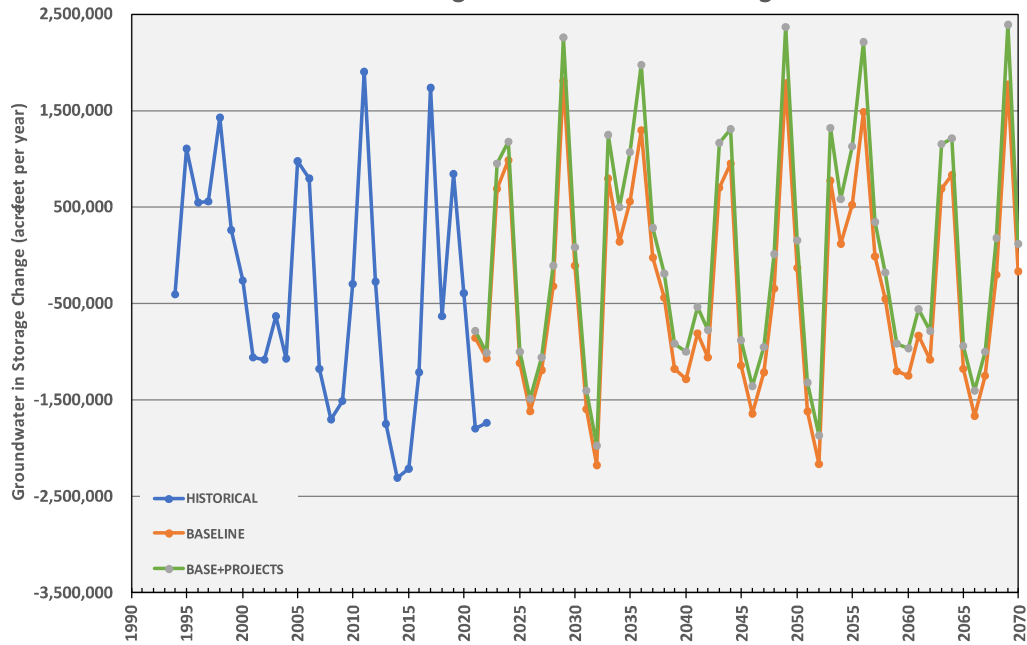
<i>Total As-Needed PMA Deficit Benefits</i>	<i>0</i>	<i>0</i>	<i>0</i>	<i>0</i>	<i>0</i>
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Planned PMA Implementation Deficit Reduction Schedule*	286,310	169,757	70,362	-56,978	-74,863
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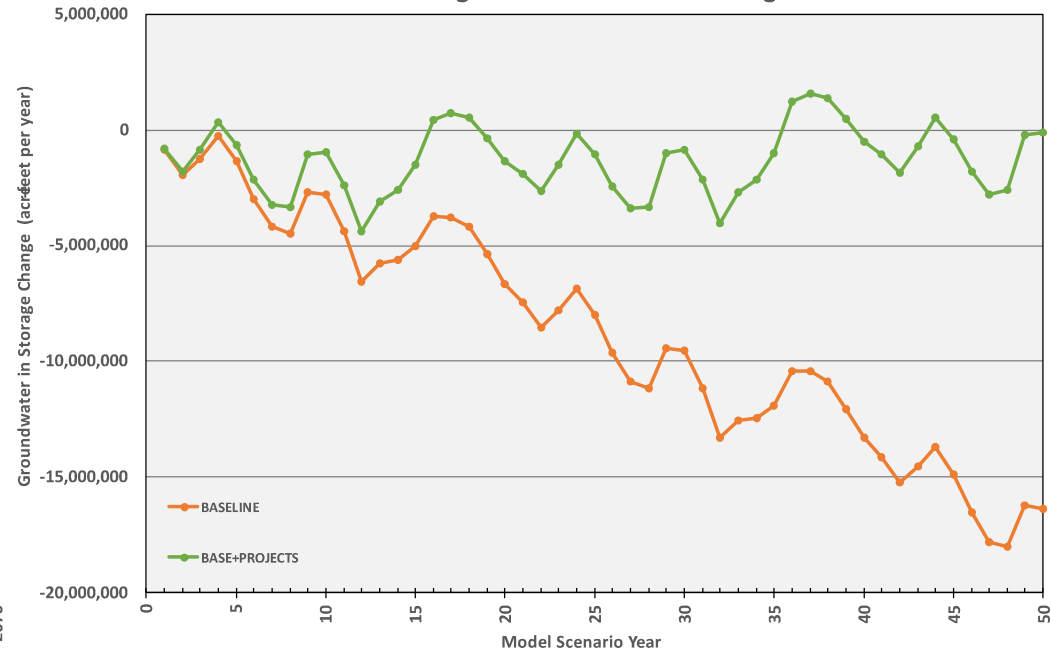
* Implementation Date includes estimated time to start accruing benefits

Plan's Incremental Changes over Time Result in Long-Term Storage Balance

Historical, Baseline and Baseline+Projects Model Scenario Results
Annual Change in Groundwater in Storage



Baseline and Baseline+Projects Model Scenario Results
Cumulative Change in Groundwater in Storage



Coordinated Presentation of PMA's

- Eliminating long lists of lots of projects.
- Replacing with Coordinated Tables by GSP Area

P/MA Number	P/MA Name	Summary Description	Relevant Sustainability Indicators Affected			Circ Imp
			Groundwater Levels & Storage	Groundwater Quality	Land Subsidence	
Projects		Implemented	Functional	In-Process	As-Needed	
RRB-1	West Basin Recharge Improvements	Improvement of approximately 100 acres of existing recharge ponds. Acquisition and retirement of 50 acres of irrigated ag lands and development of 50 acres of new recharge ponds.	✓	✓	✓	
RRB-2	Superior Basin Recharge Improvements	Improvement of approximately 100 acres of existing recharge ponds.	✓	✓	✓	
RRB-3	Stockdale East Groundwater Storage and Recovery Project	Acquisition and retirement of 200 acres of irrigated ag lands and development of 200 acres of new recharge ponds.	✓	✓	✓	
RRB-4	Grimmway Groundwater Recharge Ponds	Public/Private Partnership Development of 400 acres of recharge ponds.	✓	✓	✓	

Coordinated Projects (Source & Reliability of Water)

§354.44(b)(6)

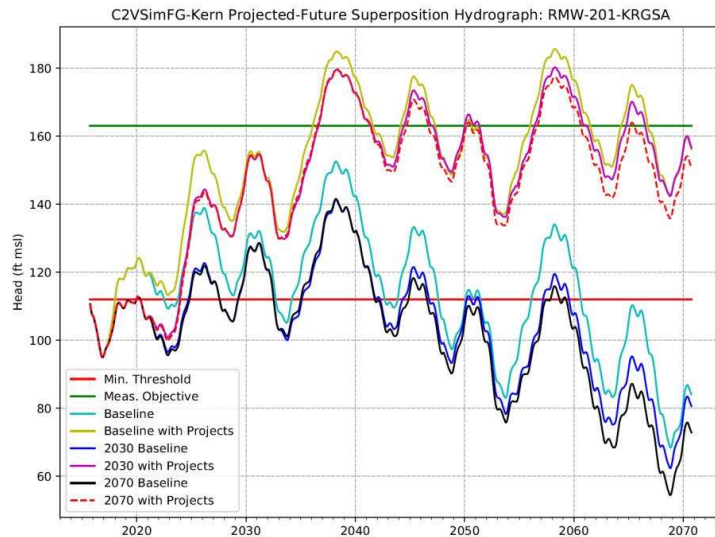
Each GSP Area will show its work

- Separate out Demand Reduction portion from Projects
- Sources of Supply for Projects will be clearly described
- Reasonable estimates of benefits will be clearly articulated and when they would start accruing

Coordinated Projects (Source & Reliability of Water) §354.44(b)(6)

Each GSP Area will show its work

Model will be an independent check on estimates of benefits for planning purposes



Annual Reports will include derived benefits vs. Overdraft Correction Glide Path

Project and Management Action Implementation Report (AF)						AFY	
RRB GSA Projected-Future Scenario		2020	2021	2022	2023	2024	2025
Target Deficit Reduction (%)							25%
Target Deficit Reduction							5,029
Project and Management Action, Benefits by Type (AF)						AFY	
Planned Demand Reduction	Land Retirement	708	708	708	1,208	1,208	908
	Ag to Urban Conversion						0
	GW Demand Reduction					4,000	800
	Water Conservation-Efficiency						0
Subtotal		708	708	708	1,208	5,208	1,708
Planned Water Supply Augmentation	Supplemental Water Purchase			1,100	5,000	6,000	2,420
	Supplemental Recharge						0
	Third-Party Banking				10,000		2,000
	Exercise of Rights						0
	Infrastructure Improvement						0
	New Local Supply						0
Groundwater Recharge				10,000		2,000	
Subtotal		0	0	1,100	25,000	6,000	6,420
Total PMA Benefits		708	708	1,808	26,208	11,208	8,128

Coordinated Management Actions?

Demand Reduction of Unmanaged Lands is Inconsistent

- Amended Plans currently use "allowable imbalance" (excluding precipitation and native yield) method that is uncoordinated.
- Average Demand Reduction strategies for 2025 milestone vary as to average allowable imbalance as follows:
 - Unlimited
 - 3.2 AF/acre
 - 1.8 AF/acre
 - Unclear

CC Question? Should this be coordinated subbasin wide? What is the definition of "Unmanaged"?

Circumstance for Implementation §354.44(b)(1)(A)

PMA Implementation is guided by Glide Path Milestones and clearly categorized as:

Implemented - In anticipation of SGMA several PMAs had been initiated pre-2024 and have been completed and accruing benefits.

Functional - In anticipation of SGMA several PMAs had been initiated pre-2024 and are functional but not yet accruing benefits.

In-Process - Other PMAs are In-Process somewhere between Feasibility and Construction/Implementation. All of the In-Process PMAs will be implemented except for circumstances such as litigation, failed funding, failed ballot initiatives, or environmental constraints.

As-Needed – As part of the Adaptive Management efforts several PMAs have been identified in response to Minimum Threshold Exceedances, Failed or diminished PMA's, new Opportunities, or other unforeseen issues. At each 5-year planning window, these and other PMAs will be formally evaluated for implementation.

Addressing Uncertainty and Data Gaps PMA's §354.44(c) & (d)

1. Exceedance Policy – **Should CC Managers to Complete?**

- Included in Coordination Agreement
- Upon even 1 Exceedance – Identify, Investigate & Report
- Continued Exceedance – Causing impacts development of an Action Plan(s)

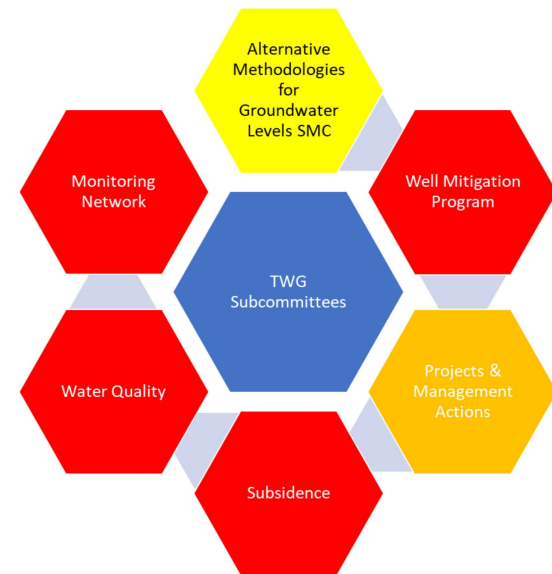
2. Domestic Well Mitigation – **Currently working to provide a substantially described DRAFT Plan to be prepared for CC Managers to complete**

3. Data Gap Studies

- Basin Study – Address HCM and water budget data gaps for model revision
- Subsidence - Assess subsidence and management approach along critical infrastructure

Next Steps

TOPIC	DRAFT TO CC	CC REVIEW COMPLETE	SWRCB Presentation
Projects and Management Actions Presentation	10/9	10/12	
Subbasin MT Updates	10/16	10/19	
Subsidence Presentation	10/23	10/26	
Draft PMA/Subsidence SWRCB Presentation	10/30	11/9	
Draft Exceedance Policy	11/6	11/27	
Draft Well Mitigation Program	10/10	11/6	
PMA/Subsidence SWRCB Presentation			TBD – Early Dec
Chapters 1 - 4: Purpose, Sustainability Goal, Agency Information, GSP Organization	12/04/23	12/14/23	
Chapter 5: Plan Area, Introduce Organizing Themes, Land Use Elements, Communications	12/14/23	12/21/23	



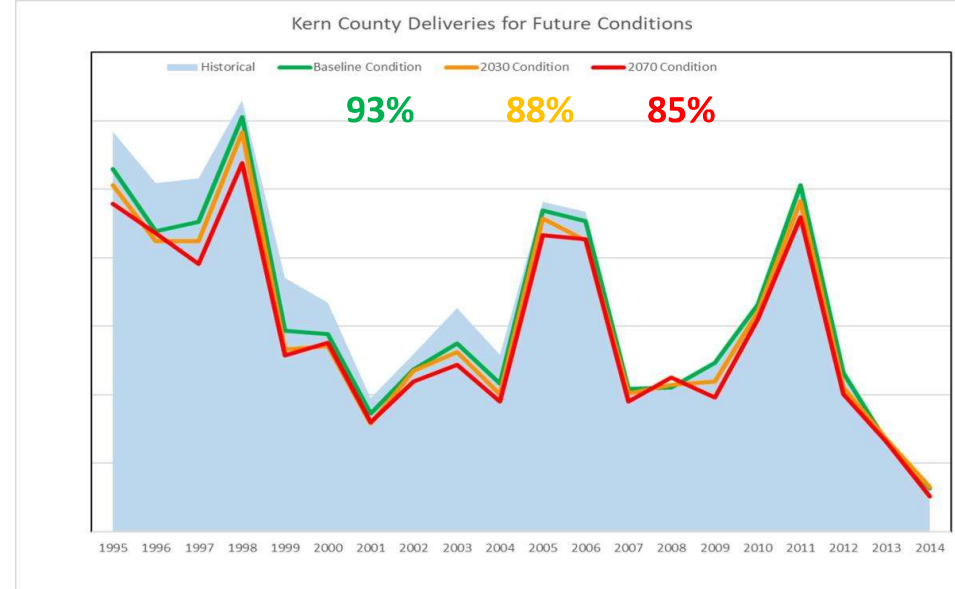
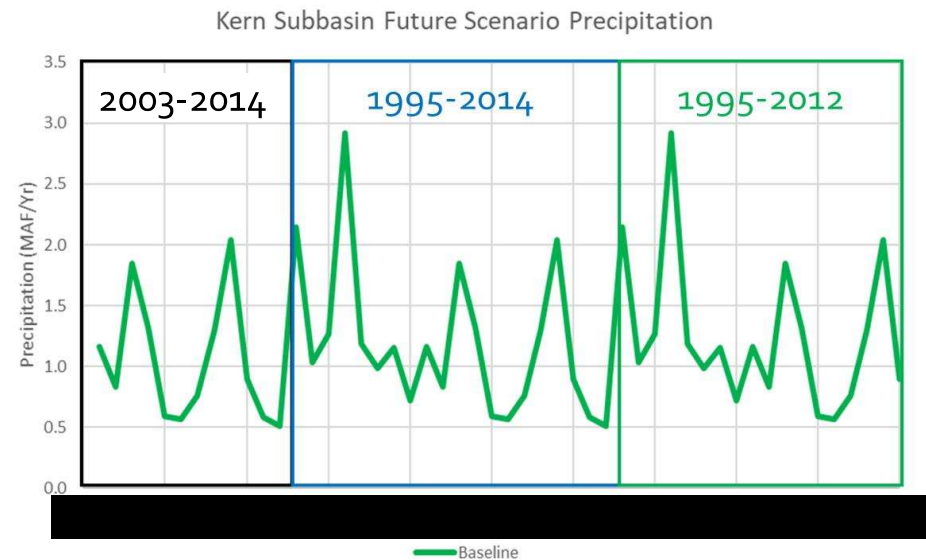
Thank You



Backup Slides

Projected Future Scenario Based on Sound Assumptions

- **50-year hydrology**
 - Uses WY1995-2014 Historical Base Period
 - Period has wet, normal, dry and critically-dry years
- **Future Surface Water Supply**
 - 50-year hydrology has wet, normal, dry and critically-dry
 - SWP supply adjusted following DWR guidance
 - FKC supply adjusted following USBR guidance
 - Kern River supply follows Watermaster guidance
- **Future Water Use**
 - Project recent irrigated area and crop types for future
 - Drinking water use includes projected population increase
- **Climate Change Scenarios**
 - All water supplies further adjusted following DWR climate change guidance



Demand Reduction Reported in WY2021 & WY2022 Annual Reports

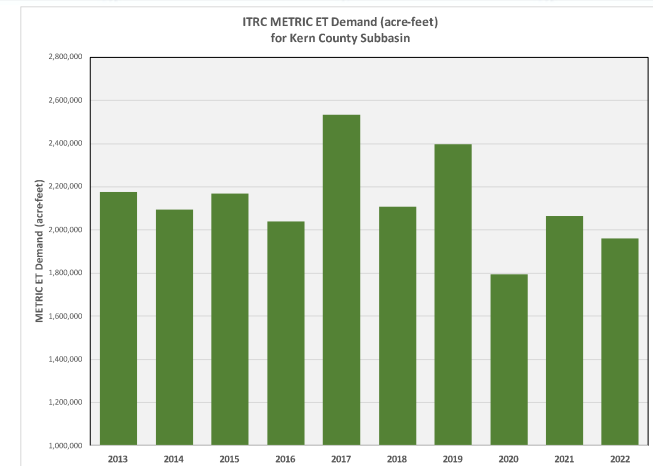
- **Henry Miller WD**
 - Fallowed over 50% of irrigated acreage during drought
- **Shafter-Wasco Irrigation District**
 - Reduced irrigation demand by 1,566 AF through Voluntary Rotational Land Fallowing Program
- **Southern San Joaquin MUD**
 - Retired irrigated lands at 78-acre Giumarra recharge Basin
- **Rosedale-Rio Bravo WSD**
 - Implemented two long-term demand reduction programs (in-district and white lands)
 - Retired irrigated lands at 450 acres for new recharge facilities
- **Semitropic WSD**
 - Implemented long-term demand reductions program to limit landowner water use
 - Retired irrigated lands at Leonard Ave Recharge Project
- **Buena Vista WSD**
 - Drought program paid growers \$1,768,500 to fallow 3,537 acres (~10% of BVGSA irrigated acreage).
 - Purchased 880 acres of farmland to reduce demand by approximately 2,800 AF/year.
 - Retired 176 acres of irrigated lands for new recharge facility
- **Arvin-Edison WSD**
 - Retired irrigated lands at Sunset recharge facility
 - Expanded acres for On-Farm Recharge
- **Wheeler Ridge-Maricopa WSD**
 - Retired irrigated lands at new solar generation facility
- **Kern River GSA**
 - Converted 11.23 acres of irrigated land to suburban residential
 - Retired irrigated lands at 250 acres of new recharge facilities

Annual Report Noted Recent Demand Reduction from ITRC METRIC ET data

- WY2020-2022 and WY2014-2016 are comparable severe drought periods
 - One dry and two critically dry hydrologic water years in San Joaquin Valley Index
 - Kern River Index of 35% and 31%, respectively
- Currently evaluating how to better use ET data as method to validate demand reduction
 - Identify SGMA projects from Landowner decisions
 - Short-term vs. Long-term demand reduction
- Initial results suggest that Kern County Subbasin potentially ahead of schedule for Demand Reduction

Table 9. Water Use Comparison of GSA Management and Comparable Recent Period

Water Use Type	GSA Mgmt. Period WY2020-2022	Comparable Period WY2014-2016	Volumetric Difference	Percent Change
Units	AFY	AFY	AFY	percent
Urban	199,000	217,000	-18,000	-8%
Agricultural	2,211,000	2,530,000	-319,000	-13%
Managed Wetland	16,000	12,000	4,000	31%
Managed Recharge	220,000	124,000	96,000	77%
Bank Recovery and Other Uses	481,000	510,000	-29,000	-6%
Total Water Use	3,127,000	3,394,000	-267,000	-8%



October 3, 2023

Kristin Pittack
Kern Subbasin Plan Manager
via email: kpittack@rinconconsultants.com

SCOPE OF WORK AND BUDGET FOR GSP DEVELOPMENT AND ONGOING SUBCOMMITTEE WORK

At the September 25, 2023, the Kern Subbasin Coordination Committee (CC) meeting, there was general consensus for developing a single Groundwater Sustainability Plan (GSP) format. A recommended format was developed, and members of the Technical Working Group (TWG) have volunteered lead authorship, support, and peer review for Subbasin-wide text in each chapter. This memo outlines the workflow and recommended review process for GSP development.

SCOPE OF SERVICES

GSP Format

Significant differences in the proposed GSP format – compared against previous submittals – is the single GSP format will read as if it were written by a single author. The objective is to demonstrate a coordinated and collaborative approach to addressing deficiencies using common methodologies to setting Sustainable Management Criteria (SMCs) and Undesirable Results (URs). To meet the Department of Water Resources (DWR) recommendation for a “well-explained Plan that will be implemented in a coordinated manner,” a set of organizing principals/themes have been developed and will be used throughout the Plan to employ a storytelling approach to explain how the Subbasin will achieve sustainability by 2040 (Kern Subbasin Inadequate Determination Letter, pg. 6, para. 1).

Subcommittees were formed to address deficiencies identified in the Incomplete and Inadequate determination letters. Additionally, since DWR will not require Inadequate basins to submit a periodic evaluation (5-year update) by January 2025, the TWG intends to address comments DWR and State Water Resources Control Board (State Board) made to neighboring Subbasins, and to fill data gaps – to the extent possible – called out in the 2020/22 GSPs (DWR, Periodic Evaluation Requirements for Inadequate Basins, May 2023).

Approach to Writing the GSP

To the extent possible, data and text from existing GSPs will be synthesized into each chapter. TWG members are asked to upload the Word format of the GSP area they represent to support this effort. It is acknowledged that there are several sections of the GSP that do not require significant attention/revisions. These sections will be completed by synthesizing text from the existing GSPs, or using text from one peer reviewed plan that the Subbasin agrees is most applicable/appropriate. For example:

- **Section 5. Description of the Plan Area** will be synthesized from existing plans.

- **Section 8.8. Interconnected Surface Water Systems** is anticipated to predominately be a copy/paste from the Olcese GSP.

To support consistency in writing styles, terminology, and use of acronyms and references, a style guide with definitions of common terminology will be developed for the TWG prior to drafting Sections. Examples of terminology consistency are:

- Will acronyms be spelled out at the beginning of each chapter, or its first use only?
- Will the Kern County Subbasin be referenced as KCS, Kern Subbasin, or the Subbasin?
- Will Management Areas be defined as GSA Boundary, Jurisdictional Boundary, or by land use type? How will we consistently label these different areas that are referenced throughout the different GSPs.

Working through minor issues like style and consistent terminology is expected to make the review and editing process easier and contribute to stylistic consistency. Other issues that need to be addressed with several different consulting firms preparing sections of the GSP are developing a common template for figures and creation of a Kern Subbasin logo to be used in these templates rather than a firm logo.

SCHEDULE AND WORKFLOW

The Next Steps Memo (September 1, 2023) provided an outline for subcommittee work that will be presented to the CC weekly: it is anticipated that feedback and direction will be provided to the TWG in response to the work presented. Subcommittee presentations are scheduled from October 2 through November 30, 2023. As the CC reaches consensus on subcommittee recommendations for SMCs and URs, the technical leads will draft content for common language in the GSP chapters. Subcommittees will share their draft chapters with the TWG for stakeholder/peer review, then finalize the chapters for CC review and comment. It is anticipated that the CC will begin reviewing and commenting on chapters each week from December 4 through February 29, 2024. CC comments will be addressed by the subcommittees and/or TWG, then chapters will be finalized and compiled into the Subbasin Draft GSP. The compiled final draft will be provided for final review the week of March 7, 2024. Final comments will be due back to the TWG by March 20. The Public Draft GSP(s) is proposed to be released by March 25, 2024.

GSP development is intended to be an iterative process, led by TWG authors with engagement from CC representatives (subcommittees) to support an efficient GSP development process. Figure 1 presents a flow chart of the review process. A schedule with review dates by chapter is presented in Table 3.

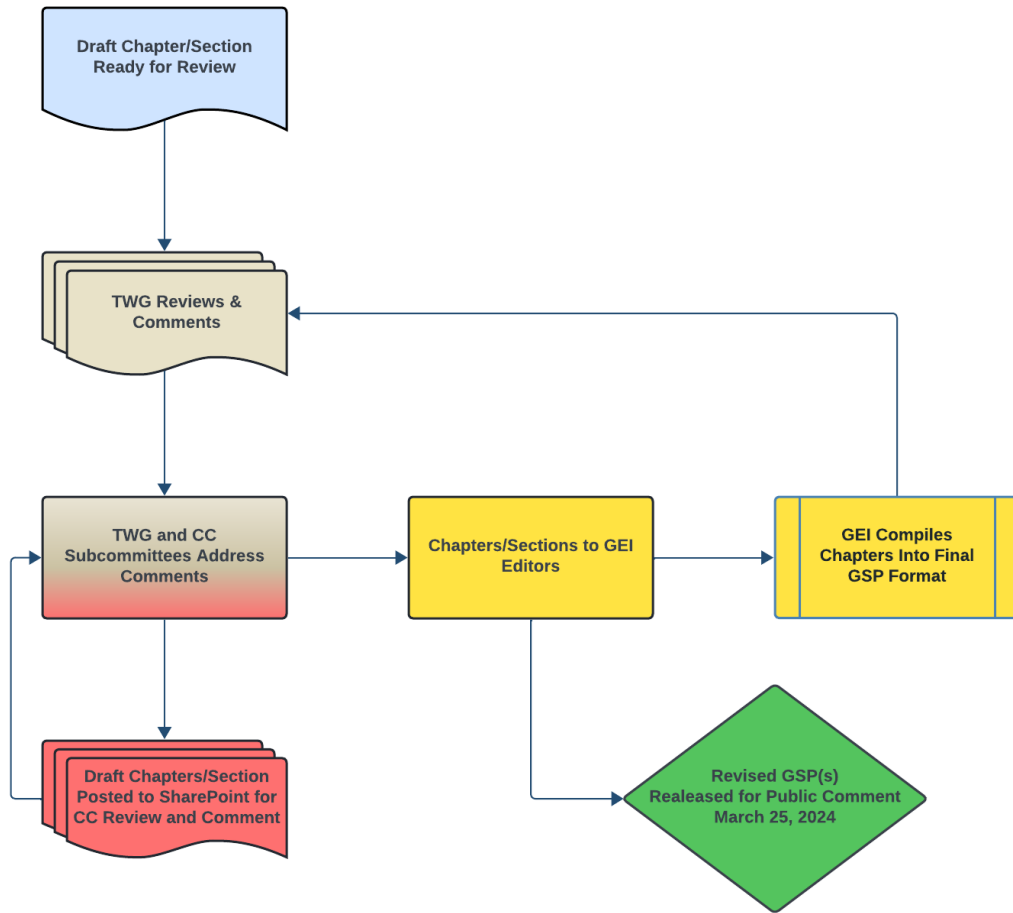


Figure 1. Workflow for GSP Review

BUDGET

The TWG discussed the GSP approach, division of labor, and how to differentiate work for the Subbasin and client. Based on consensus for the workflow, proposed GSP outline for Subbasin common chapters, and releasing a public draft the week of March 21, each consulting firm provided the proposed budget presented in Table 1. Labor costs for district managers who work in the TWG is presented in Table 2. Proposed budgets include Subbasin work as of October 1, 2023, through June 2024 to address public comments and finalize the GSP. The following assumptions were applied:

1. Subbasin Work is defined as subcommittee efforts focused on developing common data and methodologies for the GSP. Work performed for the Subcommittees, presented to the CC and State Water Board, and ultimately written into the GSP will be billed as a Subbasin effort. Additionally, subcommittee members will each serve as peer reviewers to the sections related to their subcommittees.
2. Client work is defined as participation in TWG meetings, reviewing and providing feedback on GSP sections as a stakeholder (not an author or subcommittee peer reviewer), providing GSA-specific data, attendance at CC or SWRCB meetings, and other forms of stakeholder participation.

Deliverables

- Single GSP for the Subbasin or common GSP section/chapter language that each GSA can add area-specific information, consistent with one of the four options presented.

Assumptions

- To complete work within the estimated budget and timeframe, it is important that the CC agree to work (edit/comment) on the GSP chapters using a shared portal (SharePoint or Teams channel) so that comments are made in a single document.
- GEI has budgeted for administrative support to provide a single point of contact assigned to managing the shared portal, maintain version control of the GSP chapters, technical references, editing/formatting, and general organization/management of GSP materials.
- GEI and EKI will collaborate on marketing support for developing Subbasin-wide communications materials and can support with coordinating and organizing local publications and/or outreach events.

Table 1. Consultant Budget Estimates for GSP Development

Firm	Lead Author of Sections & Subcommittee(s)	Proposed Budget
Todd Groundwater	Basin Setting, HCM, GW Conditions, Water Budgets and Sustainable Yield	235,000
EKI	Executive Summary, Introduction, Synthesize Sections from 2022 plans, Methodologies for SMCs and URs	280,000
GEI Consultants	PMA's, Water Budget's, Water Quality/SMCs, Plan Implementation, Well Inventory, Well Mitigation Program, Compilation and Preparation of Draft and Final GSP Sections, Administrative Coordination & Marketing Supporting	315,000
Luhdorff & Scalmanini	Monitoring Network	113,000
Aquilogic	Subsidence Lead for CA Aqueduct & SMCs	65,000
Intera	Subsidence Lead for FKC & SMCs	85,000
Woodard & Curran	Banking Programs	
Consultants Estimated Total		\$1,093,000

Table 2. District Labor Costs for GSP Development

Firm	Lead Author of Sections & Subcommittee(s)	Estimated Cost
Dan Bartel	PMA Lead, Well Mitigation Support	\$35,000
Jon Parker	Groundwater Banking Lead, Well Mitigation Support	
Vanessa Yap	Subsidence at FKC, Monitoring Network	\$50,000
District Labor Total		\$85,000

Table 3. Review Schedule for GSP Development

Chapters/Sections	Draft to TWG	Draft to CC	CC Review Complete
Chapters 1 - 4: Purpose, Sustainability Goal, Agency Information, GSP Organization	11/13/23	12/04/23	12/14/23
Chapter 5: Plan Area, Introduce Organizing Themes, Land Use Elements, Communications	12/04/23	12/14/23	12/21/23
Chapters 6 - 8: Basin Setting, Hydrogeological Conceptual Model, Groundwater Conditions	01/04/23	01/15/24	01/25/24
Chapter 9: Water Budget	01/18/24	01/25/24	02/01/24
Chapter 10: Management Areas	01/25/24	02/01/24	02/08/24
Chapters 11 - 15: SMCs	02/01/24	02/08/24	02/15/24
Chapters 16 - 17: Monitoring Network and PMAs	02/08/24	02/15/24	02/22/24
Chapter 18: Plan Area	02/15/24	02/22/24	02/29/24
Executive Summary	02/22/24	02/29/24	03/07/24
Final Draft	02/29/24	03/07/24	03/20/24
Release Public Draft, Submit to State Board and DWR	Monday, March 25, 2024		

**ROSEDALE-RIO BRAVO WATER STORAGE DISTRICT
KERN COUNTY WATER AGENCY
KERN WATER BANK AUTHORITY
BELRIDGE WATER STORAGE DISTRICT
BERRENDA MESA WATER DISTRICT**

Joint Operations Committee

**Special Meeting Date/Time:
Monday, September 18, 2023
3:30 p.m.**

SPECIAL MEETING - AGENDA

Meeting Location: Rosedale Rio Bravo Water Storage District
Board Room
849 Allen Road
Bakersfield, CA 93314

NOTICE: This meeting will be partially conducted by web access and teleconference. The public can view or listen to the meeting and offer public comment by logging/calling into the following web address/conference line at the time the meeting is scheduled:

Zoom Link: <https://us02web.zoom.us/j/81170156616?pwd=RXF2YmtpelMvZ2YzK0g1R001YTM3dz09>

Meeting ID: 811 7015 6616

Password: 176565

Telephone Dial-in: (669) 900-6833

1. Call to Order – 3:30 p.m.
2. Public Comment
3. Member Reports
4. Closed Session – Conference with Legal Counsel - Anticipated Litigation:
Significant exposure to litigation (Government Code section 54956.9, subdivision (d)(2)): One (1) Claim
5. New Business
6. 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 Special Meeting - Agenda at the Rosedale-Rio Bravo Water Storage District Office on September 15, 2023.

Rachele Echeverria

Requests for disability-related modifications or accommodations, including auxiliary aids or services may be made by telephoning or contacting Rachele Echeverria at the Rosedale-Rio Bravo Water Storage District office [(661)589-6045]. Please attempt to make such requests known at least 24 hours before the scheduled meeting so that appropriate arrangements can be made.

**Regular Meeting of the Board of Directors of
South Valley Water Resources Authority (SVWRA)
Agenda**

Kern Water Bank Conference Room
1620 Mill Rock Way, Suite 500
Bakersfield, CA, 93311
Dial-In (267) 807 9605; Participant Code: 510797#
September 28th, 2023, at 10:00 am

Call to Order

- 1. Public Input**—This portion of the meeting is set aside to provide the public an opportunity to bring to the attention of the Committee members any matter not on the agenda and over which the Committee has jurisdiction, provided no action shall be taken on any such matter unless otherwise provided.
- 2. Minutes**
Approval of minutes of 8/24/23 regular board meeting
- 3. Directors Forum** – discussion only, no action
 - a. SGMA
 - b. SWP & KCWA
 - c. Kern River
 - d. Other
- 4. New Business for Consideration at Future Meetings and Announcements**
- 5. Adjournment**

**Project Management Committee (Special Activity Agreement #1)
of South Valley Water Resources Authority (SVWRA)**

**Fish Friendly Diversion Project
Agenda**

Kern Water Bank Conference Room
1620 Mill Rock Way, Suite 500
Bakersfield, CA, 93311

Dial-In (267) 807 9605; Participant Code: 510797#

September 28th, 2023, at 10:05 am

Call to Order

- 1. Public Input**—This portion of the meeting is set aside to provide the public an opportunity to bring to the attention of the Committee members any matter not on the agenda and over which the Committee has jurisdiction, provided no action shall be taken on any such matter unless otherwise provided.
- 2. Minutes**
Approval of committee meeting minutes of 8/24/23
- 3. Financial Reports**
 - a. Presentation of financial reports.
 - b. Accounts payable.
- 4. Fish Friendly Diversion Project**
 - a. Project updates – Colorado State Hydraulics Lab
 - b. Consideration of readmission of DRWD to the project
 - c. Approval of study to develop cost estimate for an example full project.
- 5. CLOSED SESSION - CONFERENCE WITH REAL PROPERTY NEGOTIATOR**
(Gov't Code § 54956.8)
Property: FFD Pilot Project sites (lease or purchase) – Various
Authority Negotiator: Scott Hamilton and Director Gianquinto
Under Negotiation: Price and Terms
Negotiation With: Various Owners or Agents
- 6. 2024 Budget Discussion**
- 7. Water Blueprint for the San Joaquin Valley**
Blueprint update report – revised master plan
- 8. Collaborative Action Plan for the San Joaquin Valley**
Update of recent meetings
- 9. USBR SJR Valley Plan**
Update

10. New Business for Consideration at Future Meetings and Announcements

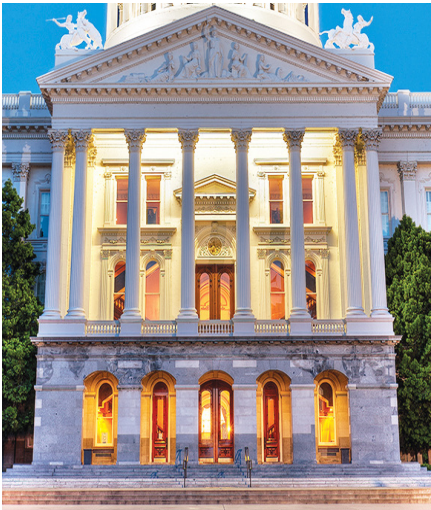
11. Adjournment

SACRAMENTO REPORT

September 2023



Volume 18, Issue 9



NEWS BRIEFS

Funding Available for Small Ag Businesses Impacted by Drought and/or Flooding
[The California Small Agricultural Business Drought & Flood Relief Grant Program](#) will provide relief to small agricultural businesses that experienced a decline in annual gross receipts or gross profits due to drought or flood conditions. Grant funds for this program are for small agricultural businesses that have been financially impacted by severe drought and/or flooding in the State of California and will be disbursed in awards of up to \$100,000.

continued on next page

Legislative Session Ends on a Quiet Note for Resources Issues

The California Legislature ended the first year of the 2023-34 Regular Session with little drama that typically surrounds last-minute controversial legislation.

“The quiet end to policy making can be attributed to several things,” said Bob Reeb, VAWC Executive Director. “First, with strong supermajorities in both houses, the ability of moderate Democrats to join with Republicans to defeat legislation has significantly diminished. “Second, the most controversial water bills this year were either held in second-house policy or appropriations committees. This would include AB 460 by Rebecca Bauer-Kahan, AB 1337 by Buffy Wicks, and AB 1563 by Steve Bennett. Finally, a large class of first-year legislators remained relatively compliant with the agendas set out by Senate and Assembly leadership.

“Combined together, it means our ability to stop legislation on either the Senate or Assembly floors has been weakened,” Reeb continued. “Forcing amendments in policy committees, defeating bills in policy committees, or relying on Suspense

See [Legislation Session](#), page 2

Water Transfer Legislation Moves to Senate Inactive File, Senator Hurtado Remains Interested in Farmland Purchases

Legislation targeting the involvement of investment funds in farmland ownership has been shelved for the year.

AB 1205 by Assembly Member Rebecca Bauer-Kahan (D-Orinda) was moved to the Senate Inactive File by Senator Melissa Hurtado at the request of the author. Valley Ag Water Coalition opposed AB 1205 as it made its way through the Assembly, but removed opposition when the bill was amended in the Senate Natural Resources & Water Committee to become a study bill. As passed by the Assembly, the legislation threatened the water transfer market and groundwater banking by prohibiting water transfers from land owned by an investment firm if the sale, lease, or transfer resulted in a profit or was based on land speculation. Specifically, AB 1205 would add a finding and declaration to the Water Code that speculation or profiteering by an investment fund in the sale, transfer, or lease of

See [AB 1205](#), page 3

Valley Ag Water Coalition

Contact Information:
Cristel Tufenkjian, Secretary-Treasurer
4886 East Jensen Avenue
Fresno, California 93725
(559) 237-5567 Phone
(559) 237-5560 FAX

Inside Sacramento Report

DWR Publishes Flood-MAR Pilot Study Results 4
PPIC Data Reveals How Small Farms Could Manage Under SGMA..... 5

NEWS BRIEFS *continued*

This program is funded by the State of California and administered by the California Office of the Small Business Advocate. The application deadline is ongoing. Webinars for the grant program are scheduled for the months of September and October, starting on Sept. 19. Webinar information is available [here](#).

DWR Director Nemeth Participating in Water Event

The ideas for achieving groundwater sustainability in the San Joaquin Valley will be discussed [during an event](#) in Fresno on Wednesday, Sept. 20. The day will feature authors of a new [Public Policy Institute of California](#) study along with State and local experts covering key issues and solutions. Department of Water Resources (DWR) Director, Karla Nemeth will be participating in a discussion on how agencies and organizations can work together to achieve the goals. In-person attendance is limited; a live stream of the event will be available.

Three Guidebooks on Groundwater Recharge

Department of Water Resources (DWR) and Sustainable Conservation have released three guidebooks related to groundwater recharge. The [On-Farm Recharge Methods Manual](#) provides case studies on ways to enhance recharge. Two other manuals, [District Recharge Program Guidance](#) and [Central Valley Groundwater Recharge Incentives and Strategies](#), provide information on designing and implementing effective multi-benefit recharge programs and projects

continued on next page

Legislation Session, continued from page 1

File holds for bills that would cause significant General Fund costs, takes on greater importance.”

VAWC opposed 14 Senate and Assembly bills this year. Two bills—AB 676 (Bennett) and SB 389 (Allen)—were amended to remove VAWC opposition, 10 bills were held in various committees, and two have reached Governor Newsom’s desk. The latter two bills are:

AB 779 by Lori Wilson (D-Suisun City), which would require the court, in an adjudication action for a basin required to have a groundwater sustainability plan, to appoint one party to forward all case management orders, judgments, and interlocutory orders to the groundwater sustainability agency (GSA) within 10 business days of issuance. The bill would require the court to allocate payment of the costs incurred by the party appointed to forward all case management orders, judgments, and interlocutory orders among the parties in an amount and a manner that the court deems equitable. The bill would require the GSA to post the documents on its internet website in the interest of transparency and accessibility within 20 business days of receipt from a party, as specified. The bill would authorize the court to refer the matter to the State Water Resources Control Board for investigation and report in order to assist the court in making findings, and would authorize a party to request that the court refer the matter to the board. The bill would require the court to consider the water use of and accessibility of water for small farmers and disadvantaged communities before entering a judgment. The bill would require a GSA, upon receiving notice that an adjudication has commenced in its basin, to host a public meeting to explain the adjudication process and the status of the adjudication to water users within the basin and the public. The bill would authorize a groundwater sustainability agency to invite the state board or the department to send a representative to the meeting in order to help explain the adjudication process. The bill would apply these provisions only to basins in which a comprehensive adjudication has not been commenced by January 1, 2024.

VAWC opposes AB 779 because comprehensive groundwater adjudications are complex, lengthy, and expensive legal proceedings. Along with other opponents to the legislation, VAWC understands the author’s interest to lower barriers to participation and to increase understanding of the importance of adjudications, but remains concerned that some provisions are duplicative of existing law and inadvertently increase length and expense of groundwater adjudications.

AB 753 by Diane Papan (D-San Mateo), which would create the Waterway Recovery Account within the Waste Discharge Permit Fund, and would annually transfer from the State Water Pollution Cleanup and Abatement Account, excluding administratively imposed civil liabilities that include a supplemental environmental project in connection with a monetary penalty, 40% of the annual proceeds to the Waterway Recovery Account. The bill would require the state board to allocate the Waterway Recovery Account moneys to each regional board on a proportional basis, based on moneys generated in each region, and would require the regional boards to allocate those moneys to third parties for restoration projects with priority given to third parties that will undertake projects with multiple benefits that provide greenspace within disadvantaged communities.

Valley Ag Water Coalition opposes AB 753 because projects that provide greenspace within disadvantaged communities do not rise to the level of addressing significant threats to the environment or public health and safety. AB 753 would

See [Legislation Session](#), page 3

Legislation Session, continued from page 2

redirect an existing essential funding source for the state board and regional boards to respond to immediate environmental and public health threats. While the development of urban greening projects may provide public health and climate resiliency benefits; they should be funded with a more appropriate source of funds.

The Cleanup and Abatement Account was created to provide grants for the cleanup or abatement of a condition of pollution when there are no viable responsible parties available to undertake the work. One 2015 project supported the development and testing of UCLA's proprietary Distributed Smart Water Treatment (DSWT) technology at various disadvantaged communities throughout the Salinas Valley. The DSWT systems would treat nitrate in the groundwater while being monitored remotely. A 2014 project paid for field sampling and analytical testing of domestic wells and small unregulated water systems in the Central Coast Region with an emphasis on high-risk nitrate areas and disadvantaged communities.

"The participation and contributions of the farm water suppliers that support the work of Valley Ag Water Coalition in Sacramento protect the interests of irrigated agriculture in the San Joaquin Valley," said Reeb. "We were faced with the daunting task of opposing a lot of bad bills soon after the bill introduction deadline this year. Some fights we faced on our own, but others like the three water rights bills were met with a broad coalition of agricultural, water, business, and housing interest that worked together to block passage of two of the bills and force amendments to the third."

AB 1205, continued from page 1

an interest in any surface water or groundwater water right previously put to beneficial use on agricultural lands is a waste or an unreasonable use of water.

According to the Assembly Water, Parks & Wildlife Committee analysis of AB 1205:

"The author points to increasing news reports and anecdotes of large institutional investors and foreign corporations that are buying up agricultural land in California to acquire both surface water and groundwater rights in order to monetize and profit off of those rights as the reason for authoring this bill."

Valley Ag Water Coalition, in opposing AB 1205, noted that water transfers are an important component of California water resources management. The temporary transfer of surface water on a local and regional scale is routine and is a particularly important way of meeting statewide water demands in dry and critically dry water years. VAWC also wrote in opposition to the bill that the vast majority of water transfers in California are transfers of water between State Water Project (SWP) contractors, and transfers of water between federal Central Valley Project (CVP) contractors. In contrast, inter-basin transfers of groundwater are rare, with about half of California's counties having enacted ordinances that restrict the transfer of groundwater beyond county boundaries. Those ordinances apply both to the direct transfer of groundwater and to a transfer in which the transferor sells or leases surface water and then increases its pumping of groundwater to replace the transferred surface water.

In writing to the Senate Natural Resources & Water Committee, VAWC Executive Director Bob Reeb wrote:

See [AB 1205](#), page 4

NEWS BRIEFS *continued*

Article Examines Benefits of New California Aquifer Law

An [article from Western Water](#) takes a look at the potential benefits that a new law may provide for aquifer replenishment and remediation. The California law designates aquifers as "natural infrastructure." That change could make more funding available for groundwater projects and it will make it easier for property owners and water managers to divert floodwater for underground storage and flood risk reduction. The law was passed in July as part of a State budget-related package.

Monthly Webinar Explores Nature-Based Solutions

The [Network for Engineering with Nature](#) hosts a monthly webinar series about best practices, cutting-edge research, and the latest developments in the field of natural infrastructure. The [next webinar](#) will be Thursday, Sept. 21. It will discuss taking a nature-based solutions approach when evaluating the benefits of water projects.

Registration Opens for Annual Water Summit

Registration opened on Aug. 23, for the Water Education Foundation's [Water Summit 2023](#). The annual summit will be held in Sacramento on Wednesday, Oct. 25. This year's theme is, "Taking on the Improbable in Western Water." The presentations will address changes in Western water management that were considered unlikely a decade ago.

continued on next page

Report Released by Sustainable Conservation

[Sustainable Conservation](#) has released its [annual report](#), detailing its work and accomplishments in 2022. The organization works to find solutions to environmental problems. The report covers the results in several areas including replenishing aquifers and accelerating restoration.

Preliminary Agenda for Plenary Meeting

A [preliminary list of agenda items and breakout session topics](#) have been released for the California Water Plan Update 2023 [plenary meeting](#). The two-day meeting Oct. 3 and 4, will be at the [Roebbelen Center](#) in Roseville. During the plenary, participants will receive a public review draft overview, including the three themes of [Update 2023](#): climate urgency, watershed resilience, and water equity. There will also be a review and discussion of the plan's recommendations. The first day will include the screening of a new film marking 20 years of integrated regional water management.

The California Water Plan Update 2023 (Update 2023) is the State's strategic plan for sustainably and equitably managing and developing water resources. The release of this public review draft will begin a four-week public comment period. The final version is scheduled to be released at the end of the year.

[Registration](#) is open with in-person tickets available at the early-bird rate of \$50 through Sept. 25. Tickets to attend online are free.

“AB 1205 may enact an unenforceable law—a law which is formally in effect (de jure), but is usually (de facto) not penalized. Such laws are usually ignored by enforcement entities, and therefore there are few if any practical consequences for breaking them. The Board lacks the capability to monitor real property transactions throughout the state or identify whether a real property owner is covered under the definition of “investment fund.” Further, AB 1205 does not address the manner in which the Board—or a court—would determine whether the sale, transfer, or lease of an interest in water resulted in speculation or profiteering (the latter being undefined in the legislation). A pre-1914 water right holder, for example, can change the point of diversion, purpose of use, or place of use as long as another legal user of water is not injured and is not required to petition the Board to change the place of use pursuant to their right to transfer water. AB 1205, therefore, could have the unintended effect of providing authority to the Board where it does not have authority under current law.”

According to the State Water Resources Control Board (Board), the majority of water transfers are short-term water transfers that are in effect for less than one year. If the Board finds a proposed transfer will not injure any other legal user of water and will not unreasonably affect fish, wildlife, or other instream users, then the transfer is approved. The Board does not have authority to review the financial terms of a transfer.

AB 1205 came on the heels of legislation by Senator Hurtado to prohibit foreign investment in farmland. This year saw the second attempt by the Senator to enact legislation on the subject. Governor Newsom vetoed her legislation in 2022 and a subsequent bill this year was held in the Senate Appropriations Committee. The issue of foreign ownership in farmland is not going away. Senator Hurtado, as chair of the Senate Agriculture Committee, held an Informational Hearing titled “Navigating Threats to California Agriculture” on August 29, 2023. The list of speakers was dominated by people fearful of foreign ownership and the impact of such ownership on food security, water use, and conversion of farmland to other uses. Background material for the hearing included an overview of the Williamson Act, a California Department of Food & Agriculture overview on Food Safety & Security, and multiple news stories about Silicon Valley investors that have spent nearly \$1 Billion to purchase rural and agricultural production land in Solano County. A video recording of the hearing is [here](#).

Valley Ag Water Coalition will continue to monitor the issues surrounding land ownership and California agriculture and water management.

DWR Publishes Flood-MAR Pilot Study Results

September 5, 2023—The California Department of Water Resources (DWR) published results from pilot studies on floodplain restoration and recharge in the Upper San Joaquin River. The studies were conducted to evaluate the potential benefits of flood-managed aquifer recharge (Flood-MAR).

Flood-MAR is an integrated and voluntary resource management strategy that uses floodwaters resulting from, or in anticipation of, rainfall or snowmelt events for groundwater recharge on agricultural lands, working landscapes, and managing natural lands, including refuges, floodplains, and flood bypasses. This multi-

See [Pilot Study Results](#), page 6

Pilot Study Results, continued from page 4

pronged, integrated approach to water management is designed to produce several benefits, including flood risk reduction, drought preparedness, aquifer replenishment, ecosystem enhancement, subsidence mitigation, water quality improvement, water supply reliability, and climate change adaptation. According to DWR, the widespread implementation of Flood-MAR strategies has the potential to solve many of the state's water infrastructure sustainability and resiliency problems.

DWR's Flood-MAR Program and the Central Valley Flood Protection Plan (CVF-PP) Conservation Strategy partnered to develop a decision support toolset to identify the best opportunities to restore and expand floodplains to provide multiple benefits. The Upper San Joaquin River Pilot Study was initiated to identify opportunities to improve floodplain function along the river.

Phase I of the pilot study served to identify and prioritize physical opportunities for restoration and MAR projects within the area. Phase I of the study included two tiers of analysis. Tier I analysis involved hydraulic models that were simulated at several specific flows to identify floodplain reconnection opportunities. Utilizing data from Tier I, Tier II analysis calculated floodplain inundation, habitat suitability, and potential annual recharge rates to identify the locations with the greatest physical opportunities for floodplain restoration. This information was then used to identify several priority areas for providing suitable habitat and recharge over a range of hydrologic conditions.

With Phase I of the pilot study complete, the research noted several next steps and recommendations for Phase II of the pilot study. Such recommendations included evaluating adaptive management strategies, such as forecast-informed reservoir operations; developing outreach strategies for groundwater sustainability agencies and other groups; and performing site-specific analyses of groundwater wells.

The pilot studies utilized the Ecological Floodplain Inundation Potential (EcoFIP) toolkit to facilitate the identification, analysis, and prioritization of multiple floodplain restoration opportunities at the reach or project scale. EcoFIP helps to visualize and compare conceptual restoration designs for potential habitat and recharge benefits and can quantify potential benefits and implementation costs.

DWR is currently conducting similar pilot studies in the Pajaro and Consumnes watersheds, along the Upper San Joaquin watershed. The pilot studies utilize a collaborative approach that focuses on building partnerships across flood management and groundwater management interests.

For more information on the pilot studies, please visit DWR's Floodplain Restoration and Recharge Pilot Studies [webpage](#).

PPIC Data Reveals How Small Farms Could Manage Under SGMA

A combination of climate change, new environmental regulations, and the implementation of the 2014 Sustainable Groundwater Management Act (SGMA) are likely to lead to a decline in water available for irrigation in the San Joaquin Valley. [Recent data](#) published by the Public Policy Institute of California (PPIC), however, reveals that small farms may be able to weather the coming changes better than initially assumed.

See [PPIC Data](#) page 6

UPCOMING MEETINGS

State Water Resources Control Board

September 19-20, 2023; 9:30am
Joe Serna Jr. - CalEPA Building
1001 I Street, Coastal Hearing Room

Sacramento, CA 95814

[Agenda](#), [Webcast](#)
[Participation Guide](#)

California Water Commission

September 20, 2023; 9:00am
Oroville Dam Spillway and Feather River Hatchery Tour
39° 32' 31.8" N, 121 29' 27.8" W
In Person Meeting and Tour Only

[Agenda](#)

Delta Stewardship Council

September 22, 2023; 9:00am
Tsakopoulos Library
828 I Street, Galleria East Meeting Room

Sacramento, CA 95814

[Agenda](#), [Meeting Materials](#)
[Webcast](#), [Zoom](#)

Phone: (669) 900-6833

Webinar ID: 873 5633 8218

Central Valley Flood Protection Board

September 22, 2023; 9:00am
Sacramento City Hall
915 I Street, 1st Floor Council Chambers

Sacramento, CA 95814

[Agenda and Participation Guide](#)

Central Valley Flood Protection Board

September 22, 2023; 9:00am
Sacramento Area Council of Governments

1415 L Street, Suite 300

Sacramento, CA 95814

[Agenda and Participation Guide](#)

(Not Yet Posted)

continued on next page

UPCOMING MEETINGS

continued

State Water Resources

Control Board

October 3, 2023

Joe Serna Jr. - CalEPA Building
1001 I St., Coastal Hearing Rm
Sacramento, CA 95814

[Agenda, Webcast, and Participation Guide](#) (Not Yet Posted)

Central Valley Regional Water Board

Upper Pit River Field Tour

October 11, 2023

RSVP by October 9 via email
to agenda5@waterboards.ca.gov

Central Valley Regional Water Board

October 12, 2023

Redding City Hall

777 Cypress Ave

Redding, CA 96001

[Agenda and Participation Guide](#)

(Not Yet Posted)

Delta Independent Science Board

October 13, 2022; 9:00am

Remote Access Only

[Agenda, Meeting Materials](#)

[Webcast](#)

State Water Resources

Control Board

October 17, 2023

Joe Serna Jr. - CalEPA Building
1001 I St., Coastal Hearing Rm
Sacramento, CA 95814

[Agenda, Webcast, and Participation Guide](#) (Not Yet Posted)

PPIC Data, continued from page 5

The new PPIC data shows how the impacts of SGMA's implementation and growing water scarcity could vary depending on farm size.

“Our research shows that overall irrigation supplies may decline by as much as 20% by 2040,” write the authors. “Land use will have to change, and some have raised concerns that SGMA's implementation could put smaller farms at a disadvantage, given their more limited resources and capacity.”

According to the data, small farms do possess some advantages over larger farms in the San Joaquin Valley. Smaller farms are typically in one location, and face simpler operating conditions. Larger farms, meanwhile, are more likely to consist of multiple parcels of land, in various locations, and in multiple groundwater basins. Though geographic diversity allows larger farms to easily diversify their portfolios, they face more complicated operating conditions, including policy differences across multiple water districts and counties.

Smaller farms also tend to be in areas with more surface water, unlike several larger farms that almost exclusively rely on groundwater. Additionally, many smaller farms are typically located within some of the oldest irrigation districts in the San Joaquin Valley that have relatively senior surface water rights.

“Even when smaller farms rely on groundwater, they benefit from the better surface water availability in these areas, which results in less overdraft and lower pumping limitations to meet SGMA requirements,” write the authors.

The research further notes that since smaller farms are more likely to be in areas with abundant surface water, they face less fallowing risk from SGMA implementation compared to larger farms. With local water trading—where farmers trade surface and groundwater within their local areas—small farms could reduce this fallowing risk further.

Despite some of these advantages, small farms could still face challenges as overall irrigation supplies decline. For example, smaller farms are less diverse in their crop choices, making them more vulnerable to changing conditions and more likely to face greater adaptation challenges. Though smaller farms could benefit from water trading, the research notes that smaller farms typically have fewer managerial and technical resources at their disposal, and thus face greater challenges overcoming the transaction costs associated with trading.

The PPIC included their new data in a series of blog posts published over the past few weeks, titled “Mapping Farms by Size in the San Joaquin Valley” and “How Might Small Farms Fare Under SGMA.” The new information in both posts serves as a follow-up to the PPIC's February 2023 Policy Brief, “The Future of Agriculture in the San Joaquin Valley.”

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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.



SitesProject.org

[Website:](#)

Meeting: **Joint Sites Reservoir Committee & Authority Board**

**September 22, 2023
9:00 AM – Noon**

Locations: [Click here to join the meeting](#)

122 Old Hwy 99W, Maxwell, CA 95955

See additional locations below.

Call in: **1-916-538-7066**

Code: **916 475 053#**

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 September 22, 2023, Joint Meeting Agenda.
- Announcement of Closed Session.
- Period for Public Comment.

Any person may speak about any subject of concern, provided it is within the Reservoir Committee’s and Authority Board’s jurisdiction, before speaking, you must submit a public comment card either 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 August 18, 2023, Joint Reservoir Committee and Authority Board Meeting Minutes. **(Attachments A & B)**
- 1.2 Reservoir Committee and Authority Board consider approval of August 23, 2023, Special Joint Reservoir Committee and Authority Board Meeting Minutes. **(Attachments A & B)**

- 1.3 Reservoir Committee and Authority Board consider acceptance of the Sites Project Authority Treasurer's Report. **(Attachment A & B)**
- 1.4 Reservoir Committee and Authority Board consider approval of the Sites Project Authority Payment of Claims. **(Attachment A & B)**
- 1.5 Reservoir Committee and Authority Board to consider approval of an Amendment 3 budget transfer of \$340,250 from the Real Estate Subject Area to the Planning Subject Area to occur within the HDR Engineering, Inc. Integration task order, resulting in a net zero change to the overall task order cost ceiling.

2. Action Items: Approximate start time 9:15 am

- 2.1 Reservoir Committee and Authority Board consider authorizing a Board Resolution #2023-01 which establishes guidelines for the Sites Project's use of the Lower Colusa Basin Drain and Knights Landing Ridge Cut. **(Attachments A & B)**

3. Discussion and Information Items: Approximate start time 9:30 am
No action from the Reservoir Committee or Authority Board.

- 3.1 Review and comment on the Final Environmental Impact Report/Environmental Impact Statement status in preparation for public release of the document, approval of the Project, and certification of the administrative record.
- 3.2 Review and comment on the following updates related to the Amendment 3 Work Plan:
 - a) Amendment 3 Work Plan scope updates.
 - b) Extension of Amendment 3 to December 31, 2025.
 - c) Draft FY24 and FY25 Cash Call Amount.
 - d) Draft FY24 and FY25 Annual Budget.
- 3.3 Reservoir Committee and Authority Board receive status update on the negotiation of the Benefits & Obligations Contract with Participants. Review and comment on the Participant B&O Contract comments that would constitute change to the Board adopted Guiding Principles and Preliminary Terms.
- 3.4 Review and comment on the status of the Operations Plan, Version 2.0 preparation. Concur with proposed roles and responsibilities relative to Sites Project Water deliveries.

Joint Reservoir Committee & Authority Board Meeting September 22, 2023

3.5 Review and comment on preparations for Phase 3/4/5 Implementation related to Contracting.

4. **Reports:** Approximate start time 10:45 am

4.1 **Chairpersons' Reports:**

This time is set aside to allow the Reservoir Committee & Authority Board Chair/Co-Chair an opportunity to disclose/discuss items related to the Sites Project.

4.2 **Committee & Workgroup Chairpersons' Reports:**

This time is set aside to allow the Committee & Workgroup Chairpersons an opportunity to disclose/discuss items related to the Sites Project. Agendas are located on the project website – [Committee and Workgroup Agendas](#).

4.3 **Authority Board & Reservoir Committee Participant Reports:**

This time is set aside to allow Representatives or their Alternates to disclose/discuss items related to the Sites Project.

4.4 **Executive Director's Reports:**

- Monthly status report. **(Attachment A)**
- Work Plan Key Deliverables Report. **(Attachment B)**
- Meetings Action Items Summary. **(Attachment C)**

5. **Closed Session:** Approximate start time 11:00 am

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

5.2 Negotiations concerning closure of AB52 consultation process with the Colusa Indian Community Council (Govt. Code §54956.9(d)).

5.3 Conference with Real Property Negotiators (Gov. Code § 54956.8)
Property: [Colusa County] APNs 011-130-004-000, 011-130-011-000, 011-150-017-000, 011-150-018-000, 011-150-020-000

Agency negotiators: Jerry Brown, Kevin Spesert
Negotiating parties: Shirley Jensen
Under negotiation: Price and terms of payment

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, October 20, 2023 (9:00 am to noon)

Meetings are held in the Maxwell Project Office & 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

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 Water Storage District, 849 Allen Road, Bakersfield, CA 93314

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

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

Oct. 3, 2023

Dan Bartel
General Manager
Rosedale-Rio Bravo Water Storage District

Dear Mr. Bartel:

Congratulations! Your district is one of the top ACWA 2023 Outreach winners in your region. Your outstanding efforts as part of the Outreach Program have helped ACWA accomplish its legislative goals this year.

Here is a list of the winning districts in each region for the 2023 Outreach Recognition Awards.

Region 1: Hidden Valley Lake Community Services District

Region 2: Bella Vista Water District

Region 3: Tahoe City Public Utility District

Region 4: San Juan Water District

Region 5: Coastside County Water District

Region 6: Kings River Conservation District

Region 7: Kern County Water Agency and Rosedale-Rio Bravo Water Storage District

Region 8: Three Valleys Municipal Water District

Region 9: Cucamonga Valley Water District

Region 10: Mesa Water

ACWA will acknowledge your district and the other regional winners at the ACWA 2023 Fall Conference & Expo in Indian Wells, Thursday, Nov. 30 at the Keynote and Awards Program. The overall winner will be announced at this time. The regional winners will also be asked to stay after the program to collect the award and take photos.

Thank you for all of your hard work this year on helping advance ACWA's legislative goals!

Sincerely,



Dave Eggerton
ACWA Executive Director